BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM- SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	66.306	$	$	$ 500,000.00	$	$ 500,000.00
2.						
3.						
4.						
5. Totals		$	$	$ 500,000.00	$	$ 500,000.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM- SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	(2)	(3)	(4)	Total (5)
a. Personnel	$ 177,059.79	$	$	$	$ 177,059.79
b. Fringe Benefits	44,264.95				44,264.95
c. Travel	6,586.00				6,586.00
d. Equipment	0.00				0.00
e. Supplies	2,600.00				2,600.00
f. Contractual	75,000.00				75,000.00
g. Construction	0.00				0.00
h. Other	151,330.94				151,330.94
i. Total Direct Charges (sum of 6a-6h)	456,841.68				$ 456,841.68
j. Indirect Charges	43,158.32				$ 43,158.32
k. TOTALS (sum of 6i and 6j)	$ 500,000.00	$	$	$	$ 500,000.00
7. Program Income	$ 0.00	$	$	$	$ 0.00

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM- SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	$ 0.00	$ 0.00	$ 0.00	$ 0.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$ 0.00	$ 0.00	$ 0.00	$ 0.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 166,666.67	$ 41,666.67	$ 41,666.67	$ 41,666.67	$ 41,666.66
14. Non-Federal	$ 0.00	0.00	0.00	0.00	0.00
15. TOTAL (sum of lines 13 and 14)	$ 166,666.67	$ 41,666.67	$ 41,666.67	$ 41,666.67	$ 41,666.66

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM- SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	$ 166,666.67	$ 166,666.67	$ 166,666.66	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 166,666.67	$ 166,666.67	$ 166,666.66	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges: FY23 Provisional rate, under review by DHHS, 19.5%

23. Remarks: Section B.6.b. Fringe Benefits. The amount of 25% of salaries is an estimated %. The actual fringe benefit rate will be charged when the expense is incurred, regardless of what rate is budgeted in the proposal, not to exceed the approved budget.

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Environmental Justice Collaborative Problem Solving Cooperative Agreement Program	66.306	$	$	$ 500,000.00	$ 3,624,810.00	$ 4,124,810.00
2.						
3.						
4.						
5. Totals		$	$	$ 500,000.00	$ 3,624,810.00	$ 4,124,810.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1)	(2)	(3)	(4)	Total (5)
	Environmental Justice Collaborative Problem Solving Cooperative Agreement Program	N/A	N/A	N/A	
a. Personnel	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00
b. Fringe Benefits	0.00	0.00	0.00	0.00	0.00
c. Travel	0.00	0.00	0.00	0.00	0.00
d. Equipment	0.00				0.00
e. Supplies	0.00				0.00
f. Contractual	0.00				0.00
g. Construction	4,124,810.00				4,124,810.00
h. Other	0.00				0.00
i. Total Direct Charges (sum of 6a-6h)	4,124,810.00	0.00	0.00	0.00	$ 4,124,810.00
j. Indirect Charges	0.00				$ 0.00
k. TOTALS (sum of 6i and 6j)	$ 4,124,810.00	$ 0.00	$ 0.00	$ 0.00	$ 4,124,810.00
7. Program Income	$ 0.00	$	$	$	$ 0.00

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Environmental Justice Collaborative Problem Solving Cooperative Agreement Program	$	$	$ 3,624,810.00	$ 3,624,810.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$ 3,624,810.00	$ 3,624,810.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 500,000.00	$ 0.00	$ 0.00	$ 0.00	$ 500,000.00
14. Non-Federal	$ 3,624,810.00	300,000.00	700,000.00	1,800,000.00	824,810.00
15. TOTAL (sum of lines 13 and 14)	$ 4,124,810.00	$ 300,000.00	$ 700,000.00	$ 1,800,000.00	$ 1,324,810.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Environmental Justice Collaborative Problem Solving Cooperative Agreement Program	$ 500,000.00	$	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 500,000.00	$	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: 0

22. Indirect Charges: 0

23. Remarks:

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Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1238-4.23 Bridgeport Thermal Loop Park Avenue EJ Corri

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-Appendix 1 Logic Model.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Manifest for Grant Application # GRANT13861819

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 20366 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16043 bytes)

2. Form SF424A-V1.0.pdf (size 22999 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40212 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15920 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23885 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 36937 bytes)

Attachments Included in Zip File (total 7):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-Appendix 3- Partnership Agreement_Evaluation Model.pdf application/pdf (size 124549 bytes)

2. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-Complete Grant Submission in One File.pdf application/pdf (size 10495593 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-Appendix 1 Logic Model.pdf application/pdf (size 115358 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-Appendix 4 Letters of Support.pdf application/pdf (size 472924 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-Appendix 2 Budget.pdf application/pdf (size 55120 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-Complete Grant Submission in One File.pdf application/pdf (size 10495593 bytes)

7. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-Budget.pdf application/pdf (size 55120 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1234-4.23 Bridgeport Thermal Loop Phase II Environ

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. PERSONNEL		$	$	$	$	$ 377,436.00
2. FRINGE BENEFITS						21,781.00
3. EDUCATION SUPPLIES						54,910.00
4. MILEAGE						982.00
5. Totals		$	$	$	$	$ 455,109.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total
	(1) PERSONNEL	(2) FRINGE BENEFITS	(3) EDUCATION SUPPLIES	(4) MILEAGE	(5)
a. Personnel	$ 377,436.00	$ 21,781.00	$ 45,550.00	$ 982.00	$ 445,749.00
b. Fringe Benefits	21,781.00				21,781.00
c. Travel	982.00				982.00
d. Equipment					
e. Supplies	9,360.00				9,360.00
f. Contractual	45,550.00		9,360.00		54,910.00
g. Construction					
h. Other					
i. Total Direct Charges (sum of 6a-6h)	455,109.00	21,781.00	54,910.00	982.00	$ 532,782.00
j. Indirect Charges					$
k. TOTALS (sum of 6i and 6j)	$ 455,109.00	$ 21,781.00	$ 54,910.00	$ 982.00	$ 532,782.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. FRINGE BENEFITS	$	$	$	$
9. EDUCATION				
10. MILEAGE				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$	$	$	$	$
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$	$	$	$	$

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)			
	(b)First	(c) Second	(d) Third	(e) Fourth
16. FRINGE BENEFITS	$	$	$	$
17. EDUCATION				
18. MILEAGE				
19.				
20. TOTAL (sum of lines 16 - 19)	$	$	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges:

23. Remarks: PLEASE SEE ADDTIONAL BUDGET INFORMATION IN THE ATTACHMENTS

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-Complete Grant Submission in One File.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1236-Project Narrative-Final.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1234-Attachments 1-4 SCTHH Application.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Budget		
Category	**Description**	**Total**
Personnel	• WCFN Coordinator - $30/hour 15 hour/week • Gleaning Coordinator - $26/hour 12 hour/week • Processing Coordinator - $26/hour 12 hour/week • Compost Coordinator - $26/hour 12 hour /week • 6 Farmer Gleaning Partners - $1000 annually • 3 Student Farmer Gleaning Partners - $15/hour 4 hour/wk 28 weeks • 6 Community Advocates - $250/mo 10 hrs/mo • Interns (5 students at $15/hour 4/week 52 weeks)	$377,436
Fringe Benefits	• WCFN Coordinator • Processing Coordinator • Compost Coordinator	$ 21,781
Education	• Food Waste Education and Compost Pilot @ Eastern	$ 9,360
Supplies	• Compost Shredder ($700), • 2 sets Clear Stream Event/business collection bins ($325 each) • recycling/compost bags • Processing: jars, bags, labels ($3500/yr) • Processing time in CLiCK Kitchen ($20/hour 10 hour/week)	$ 45,550
Mileage	• 1500 miles at 65.5 cents (federal rate)- transport gleaning, compost and value added products throughout community	$ 982
In-Kind	• Eastern Student Intern Coordinator + Educational Events ($35/hour at 5/hour week) • Compost Coordinator $25/hour 10/week • PRocessing Coordinator $25/hour 7/hour week • Compost Supplies ($9300) • Processing Time ($1000) 50 hours (~1 hour/week) matched by CLiCK •	$ 59,700
Total Project Budget		514,809
Total Budget Request		455,109

Manifest for Grant Application # GRANT13845841

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 24869 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16024 bytes)

2. Form SF424A-V1.0.pdf (size 23527 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40273 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15925 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23957 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37256 bytes)

Attachments Included in Zip File (total 3):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1234-Attachments 1-4 SCTHH Application.pdf application/pdf (size 677545 bytes)

2. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1236-Project Narrative-Final.pdf application/pdf (size 138822 bytes)

3. SF424_4_0 SF424_4_0-1235-SF424_4_0-V4.0_14. Areas Affected.pdf application/pdf (size 13211 bytes)

SF424_4_0-V4.0

14. Areas Affected by Project

This project will focus on Androscoggin County, Maine, United States. The municipalities in Androscoggin County are as follows:

- Auburn
- Durham
- Greene
- Leeds
- Lewiston
- Lisbon
- Livermore
- Livermore Falls
- Mechanic Falls
- Minot
- Poland
- Sabattus
- Turner
- Wales

Project Budget		
Category	**Description**	**Total**
Personnel	• WCFN Coordinator - $30/hour 15 hour/week • Gleaning Coordinator - $26/hour 12 hour/week • Processing Coordinator - $26/hour 12 hour/week • Compost Coordinator - $26/hour 12 hour /week • 6 Farmer Gleaning Partners - $1000 annually • 3 Student Farmer Gleaning Partners - $15/hour 4 hour/wk 28 weeks • 6 Community Advocates - $250/mo 10 hrs/mo • Interns (5 students at $15/hour 4/week 52 weeks)	$377,436
Fringe Benefits	• WCFN Coordinator • Processing Coordinator • Compost Coordinator	$ 21,781
Education	• Food Waste Education and Compost Pilot @ Eastern	$ 9,360
Supplies	• Compost Shredder ($700), • 2 sets Clear Stream Event/business collection bins ($325 each) • recycling/compost bags • Processing: jars, bags, labels ($3500/yr) • Processing time in CLiCK Kitchen ($20/hour 10 hour/week)	$ 45,550
Mileage	• 1500 miles at 65.5 cents (federal rate)- transport gleaning, compost and value added products throughout community	$ 982
In-Kind	• Eastern Student Intern Coordinator + Educational Events ($35/hour at 5/hour week) • Compost Coordinator $25/hour 10/week • PRocessing Coordinator $25/hour 7/hour week • Compost Supplies ($9300) • Processing Time ($1000) 50 hours (~1 hour/week) matched by CLiCK •	$ 59,700
Total Project Budget		514,809
Total Budget Request		455,109

Resource Investment	Project Activities	Outputs	OUTCOMES		
			November 2023 - June 2024	July 2024 - July 2025	July 2025 - December 2027
Project Management					
*WCFN Coordinator	*Responsible for Project Outcomes in coordination with the evaluator *Maintains communication between coordinators and develops training manual/module *Professional development (education) for Coordinators *Administer & summarize community surveys: 1-Food Insecurity 2-Consumer 3-Pantry *Work with coordinators, and University interns to create business plan for value-added products and compost	*36 strategic workshops for Coordinators (Gleaning, Processing, Composting) *3 Annual survey deployments, present results to Coordinators. *Build long-term database of key metrics including survey results, pounds harvested, and fresh/processed deliveries to all constituents *Formal training Manual/Module for Coordinator Positions	*Access to relevant and recent survey data *Established coordinator job descriptions *Coordinator training manual/module available to future	*Ability to make data and community-driven decisions. *Ability to detect gaps between partnerships and community needs.	*Standardization of survey deployment and routine use of results. *Underrepresented population is leading in decision-making through surveys *Stability of Coordinator positions through use of training manuals/modules. *Continuity of community partnerships and communication *Pantry deliveries respond to client needs/preferences through data-driven decisions based on community survey responses *Financially self-sustaining processing and composting programs. ***Enduring Community Impacts are reduced food insecurity and food waste, increase in community resilience to crisis and climate change.**

Resource Investment	Project Activities	Outputs	OUTCOMES		
			Nov 2023 - June 2024	July 2024 - July 2025	July 2025- December 2027
Reducing Food Waste and Insecurity: Gleaning					
* Gleaning Coordinator	*Recruit and stipend farmers to participate in gleaning efforts, goal to increase by 2 participating farms. *Track amount of produce distributed to each partner *Train/education for 3 Student Farmers to grow and harvest produce for distribution. * Communicate with gleaning farms to inform planting plans (using survey data). *Recruit community advocate gleaners to distribute and produce training manual/module *Develop collaboration with Eastern food pantry (see below).	*2 new farmers gleaning for a total of 6 *3 student farmers gleaning *Formal training manuals/modules for Community Advocates and Farmers *2 Gleaning community advocates are distributing food to pantries and households.	*Farmers plan for and plant culturally relevant food for gleaning (based on survey results) *3 student farmers plan for and plant culturally relevant food for gleaning *Training manual as a permanent and updatable resource *Finalize partnership with Eastern's food pantry	*respond to success of the first year outcomes and work to operationalize the respective responsibilities *e.g.* • *communicating with farmers* • *training student farmers* • *training community advocates* • *using survey data from WCFN coordinator* • *providing data back to WCFN* *Improve farmer economic viability *Increase volume of food delivered to pantry, households and processing (see below) *Provide fresh and processed local food delivered to Eastern's food pantry *implement sustainable farming practices at SVF to supply UCONN food service.	*Formalized process and structure for the Gleaning Network provides continuity of support to the food system, **reduces food waste, addresses food insecurity, and increases community resilience to crisis and climate change.** *Underrepresented population is leading in decision-making through surveys *Student farmers assist to train the next generation of student farmers and educate students involved at the SVF. *Trained community advocates assist to recruit and train the next generation of gleaning advocates. ***Enduring Community Impact: Closed loop of farmer production, distribution, and survey responses ensure appropriate amount and type of food is available to pantries and households and provides economic security to farmers.**

*Student Farmers (3)	*trained to harvest, wash, and transport the gleaned produce from gleaning partner farms. *develop harvest and gleaning manual for SVF students	*10,000 pounds of produce gleaned *Educational manual/modules for student farmers	*manual/modules are long-term resources		
Community Advocates - Distribution (2)	*weekly distribution of food from 7 farms to 35 low-income households and 5 food pantries, and community fridge	*35 low-income households and 5 food pantries, and community fridge are stocked weekly	*reduced food insecurity *increased proportion of desirable food		

Resource Investment	Project Activities	Outputs	OUTCOMES		
			Nov 2023 - June 2024	July 2024 - July 2025	July 2025- December 2027
Reducing Food Waste and Insecurity: Processing for Longevity					
Processing Coordinator	*Recruit community advocate processors *Developing scheduling tool for processing facility *Train 2 community advocates in food processing *Develop community advocate processing training manual *Obtain processing supplies: bags, jars, labels (see budget) *Reserve processing time at CLiCK *Develop collaboration with Eastern food pantry (see below).	*Monthly (36) workshops with community advocates *2 trained community advocate processors *Training manual/module for community advocate processors	*Community advocates with food safety and processing training *Training Manual as a long-term resource *Finalized business plan for shelf-stable food sales strategy to generate revenue	*Increased volume of processed, shelf-stable food delivered to pantries, households, community fridge, and consumer sales. *Processed products informed by community surveys (see WCFN above)	*Financially self-sustaining processing operation through sales to consumers. *Increased capacity for processing excess produce for later distribution **reduces food waste, addresses food insecurity, and increases community resilience to crisis and climate change.**
Community Advocate Stipend-Processors (0 increase to 2)	* staff becomes ServSafe-certified * technical training in food processing	* increased number of hours of kitchen use *increased number of individuals receiving shelf-stable food	* increased capacity to produce shelf-stable food to supply pantries		

Resource Investment	Project Activities	Outputs	OUTCOMES		
			Nov 2023 - June 2024	July 2024 - July 2025	July 2025- December 2027
Further Minimizing Food Waste: Composting					
*Compost Coordinator	*Educate vendors, businesses, and households on compostable products *Serve as the retail outlet for cost-effective compostable products to vendors, businesses, and households *Provide compost buckets to vendors/restaurants to collect prep and post-event food waste *Train interns and community advocates to divert event compostables to CLiCK compost pile. *Train interns to maintain the compost pile. *Collaborate with intern to develop a tracking tool for	*8 local events contracted for waste diversion and sustainability efforts. * 10 local businesses acquire compostable products from CLiCK. *5 local businesses collect prep and post-event compostable waste *10 people trained to collect compostables from community events/food processing *Increase capacity to accept food waste from local restaurants and other sources	*Food vendors for all community events will be knowledgeable about compostable products and waste diversion. *Community businesses will be knowledgeable about compostable products and waste diversion. *University knowledge for university Skills Awareness *Capacity to process compostable dinnerware (supplies include a shredder)	*Increase the number of contracts for waste diversion and sustainability efforts at community events from 3 to 8 to minimize local solid waste generation through source reduction, recycling and reuse or composting. *Increase number of local businesses acquiring compostable products from 5 to 10. *Increase the number of compost hauling accounts with local businesses from 1 to 5 to reduce solid waste generation and increase compost production. *Increase Waste diversion at current community events from 30% to 50% *Increase compost production for viable value added products for purchase by local gardens. *Increase in compostable food waste from events collected	*Develop a community culture (individuals and businesses) of composting to reduce food waste and associated greenhouse gas emissions. *Financially self-sustaining composting operation through: ● Increased event waste-diversion contracts ● Restaurant compost hauling accounts ● Sale of compostable wares ● Sale of compost to consumers *Increased capacity to collect and process compostable products is the last opportunity to **divert food waste thus reducing the community footprint and taking action to combat climate change.** Reduced waste event becomes a revenue generating service

	revenue source development *Recruit event organizers and local businesses to bec *Acquire Compost Supplies *e.g.* shredder, buckets, etc (see budget)	*Outreach/education to community members at events about composting/waste reduction			
Community Advocates - Compost	* 2 community advocates trained to collect food waste from community events and educate community members on-site.	20 people trained to staff events in the community	Knowledge Skills Awareness of composting		
Compost Interns	*Interns trained to collect food waste from community events and educate community members on-site. *Interns trained to maintain compost pile	4 people trained to staff events and tend compost pile	increase the number of people knowing how to compost		

Resource Investment	Project Activities	Outputs	OUTCOMES		
			Nov 2023 - June 2024	July 2024 - July 2025	July 2025- December 2027
Technical Assistance - Institute for Sustainability, Eastern Connecticut State University					
Intern Coordinator	*Recruit, supervise, and evaluate 5 Interns *Campus Educational Events/Initiatives *e.g.* food waste, community gardening, composting) *Collaborate with campus food pantry to accept fresh and processed food (see above). *Launch pilot food waste diversion to CLiCK compost program for residence hall students and Eastern greenhouse waste. *Collaborate with Project evaluator to formally integrate project evaluation into public health curriculum	*5 Interns are knowledgeable about food waste diversion and composting *12 University events increase general campus awareness and knowledge of food waste, alternative food systems, and impact on food insecurity and climate change *Kitchen scrap and greenhouse waste delivered to compost pile weekly *Monthly (36) meetings with WCFN Coordinator *Weekly meetings with Project Evaluator	*Intern job description, placement, and training *Schedule and topics for Campus educational events *One Kick-Off event completed *At least 15 students sign agreements to collect and submit kitchen scraps *Integrated as a working group member with WCFN increases capacity for grant seeking and revenue development *Increased capacity to support project evaluation curriculum	*Increasing awareness of and interest in Intern positions *Increasing awareness of and interest in expanded campus food waste diversion *Increasing awareness of and interest in reducing food insecurity on campus and in the community *Empirically demonstrate effectiveness of programs	*Student Interns gain applicable skills for project evaluation *Disseminate project outcomes to stakeholders *2 generations of Public Health students gain practical experience developing and executing project evaluation methods ***Reduced food insecurity on campus.** ***Increased waste diversion and sustainability efforts on campus minimizing solid waste generation through source reduction, recycling and reuse or composting.**

Interns	*Collect food waste from community events and educate community members on-site *Maintain compost pile *Collect food waste from select campus events and assist educate the university community. *Develop a tool to track	*Knowledge of food system waste and waste diversion methods. *Knowledge of composting methods. *Tracking tool for revenue source development	*Increase in amount of food waste diverted to compost from community events *Increased amount of food waste diverted to compost from campus.		
Project Evaluator	*Collaborate with stakeholders to develop and execute evaluation plan *Join quarterly working group meetings with all Coodinators to measure progress and set goals.	Students conduct small portions of evaluation plan *Collect metrics for all project outputs	*Train public health project evaluation students to increase capacity. *Availability of raw data (project outcome metrics)		

Rooting Deep and Scaling Up: Partnership Agreement

Project Description.
"Rooting Deep and Scaling Up: A Roadmap for Food System Equity and Viability in Eastern CT" is a partnership facilitated by the Windham Community Food Network, FRESH New London, the CT Food System Alliance, and Community Foundation of Eastern CT, that convenes producers, community members, stakeholders and allies to capture community-level food system innovation and momentum and scale it up to strengthen regional food system resilience. ***Specifically, the partnership will explore and develop opportunities that integrate viability for small-scale producers in Eastern CT with equitable access to healthy food and food system decision-making for the diverse residents of the region.***

Purpose of this Agreement.
This agreement sets the values, norms and processes for our partnership: ie, why and how we will go about working together, with the purpose of laying a foundation for collaboration both during and beyond this funding period. It includes Values, 4 "Priorities" for our Food System Network, and then for each Priority, "Actions" and "Measures", that operationalize and hold us accountable to our values and priorities.

How it was Developed.
The Agreement is informed by the *"Whole Measures for Community Food Systems"* planning tool. This draft is based on input from partners from the initial project survey and first convening, as well as discussions among the Planning Team. "Core Partners" - those who are written into the grant proposal - are required to commit to this Agreement. Other partners are encouraged and welcome.

How it Will Be Used.
This Partnership Agreement is a living document that will be amended over the course of the two year funding period. We will check in every six months to revise it and measure how well we are meeting the standards we set for ourselves, using the Tools and Norms Rubric in Section III of the Agreement.

We will focus on the different tools during different stages of the project. For example:

- We are currently in survey mode, so using tools # 1, 2, and 7 to inform our work.
- When we convene in September to analyze data and identify leverage points for our work, and will focus on tools # 4, 5, and 6.
- When we convene working groups in December, we will focus on tool #3…

Partnership Agreement.

I. Partnership Values.

This agreement is rooted in our collective values listed below. *(These values are derived from input from the initial partner survey, first and second convenings, and discussions among the project team. A more detailed explanation is found in the table at the end of this document.)*

- **Dismantling Racism and Being Anti-Racist** in our processes and projects
- **Equitable Access** to food system resources and decision-making power
- **Viability and Sustainability** of producers, projects, partners, and our ecosystem
- **Relationship-Building and Collaboration** among partners, community members, and communities
- **Resourcefulness and Resilience** through mutual aid and leveraging and integrating resources and opportunities
- **Culture-Shift**, within and among individuals, organizations, institutions, communities and systems.

II. Partnership Priorities.

Through our participation in "Rooting Deep, Scaling Up" we are committed to building a Regional Food Network that:

1. **Contributes to healthy communities by improving equitable access to food resources and responding to community food needs.** *We will act on this priority by:*
    - **a.** Being responsive to our communities' definitions of health and well-being.
    - **b.** Capturing, leveraging and re-investing local resources to reduce dependence on outside funding and the non-profit/service infrastructures.
    - **c.** Integrating our work with other sectors and networks that address the intersectional barriers our communities face, so we can build sustainable projects for and by our communities.
    - **d.** Supporting local businesses (that are locally-owned and invest locally).

2. **Promotes viability of small-scale producers in the region.** *We will act on this priority by:*
    - **a.** Supporting projects that support farmers' wellbeing, rights, and financial prosperity.
    - **b.** Centering sustainable practices to create sustainable ecosystems through our projects.
    - **c.** Addressing the need for access to land and resources for new producers, particularly BIPOC producers.
    - **d.** Uplifting opportunities to support existing food system initiatives that center farmer viability, such as EBT at farmers markets and farm to school.

3. **Builds diverse and collaborative relationships, trust, and reciprocity.** *We will act on this priority by:*
    - **a.** Naming and addressing systemic inequities that create and propagate the segregation of our community spaces, institutions, and opportunities; Centering community members' lived experiences with inequitable systems.
    - **b.** Promoting shared work and power through collective decision-making that intentionally increases the connection between community members, local food producers and food projects.
    - **c.** Moving away from White Supremacy Culture, and instead move towards norms and communication that intentionally increase connection and participation and are accessible for the communities being impacted.
    - **d.** Shifting existing norms so they center those outside of spaces in power by holding accountable imposing food system institutions and their privileged participants.

4. **Supports community voice, political empowerment, and local leadership.** *We will act on this priority through:*
    - **a.** Diverse Participation: Building capacity for diverse community members to participate in government and decision-making through recognizing and addressing barriers to participation in our work and food systems change more generally.
    - **b.** Transparency in Decision-Making: Being transparent around decision-making: asking who is there, who is not, who is impacted, what decision is being made, how we are making that decision, and who has power
    - **c.** Relocating Spaces of Power and Decision-Making in the Food System: Restructure existing spaces of power within the food system so they are intentionally made safe for marginalized community members; Building power with other networks and spaces and populations within the community being affected by this project.
    - **d.** Accountability of Public Institutions: Build capacity of institutions and organizations to listen to ensure that public institutions and local businesses support a just community food system.
    - **e.** Advocating at the local, state, and federal levels for comprehensive food systems policy change that aligns with our values.
    - **f.** Contributing our goals, priorities, and values to state-level food action planning.

I commit to the values and priorities of this agreement, and to measuring and improving our shared work according to the Tools and Norms laid out below.

Click here to virtually sign this agreement

III. Tools and Norms to measure our work. *We will use these to self-evaluate during the project.*

1. Community Voice "Legitimacy Test".	**Negative Impact -3**	**Neutral 0**	**Some Impact +3**	**Strong Impact +5**	**Highest Impact 10**	Overall rating:
Results: ● The people who provided input reflect the full diversity of the communities impacted by this work. ● A feedback loop was established so that community members can offer input at various stages of the project. ● Key organizations and project representatives have established strong relationships with leaders and others in the impacted communities. ● The results of surveys, focus groups and other established feedback initiatives were shared with the communities (people) who provided input. ● The programs/projects/policy initiatives created reflect the input from communities most impacted.						
How to approach the community: (We did this by…) ● Participants were surveyed in their native language by people who speak the language, whenever possible ● Feedback opportunities were clear, accessible, and easy to for people to participate ● Transportation/childcare were not barriers to providing input ● Survey and focus group questions reflect projects and ideas that are realistic and actionable. People are not asked to give ideas or opinions that could not be incorporated. ● Participants should provide different levels and media of input (spoken, written, digital…) People could participate in surveys and/or deeper, qualitative data collection. ● Information collected did not include unnecessary, personal details (or at least this part was optional and reasons for these questions were clear). ● We ensured that the survey reflects a clear "ask" and gathers new information that has not been recently collected by other organizations						
When to pursue funding or support for a project or initiative: Does it:						

• Reflect a specific need or opportunity articulated by the community? • Sustain or advance an already-established mission or goal? • Build resilience and sustainable growth?						
This tool is an effective measure						
We have made progress in this norm						

2. Language Accessibility. "Language Justice"	**Negative Impact -3**	**Neutral 0**	**Some Impact +3**	**Strong Impact +5**	**Highest Impact 10**	Overall rating:
Communication (both within the partnership and public-facing): • Is clear and avoids jargon • Is multi-lingual, depending on the community						
This tool is an effective measure						
We have made progress in this area						

3. Rubric for New Project Opportunities.	Negative Impact -3	Neutral 0	Some Impact +3	Strong Impact +5	Highest Impact 10	Overall rating:
Create a checklist for new project opportunities that: • Aligns with project priorities (access, viability) • Aligns with partnership values • Advances needs or opportunities stated by the communit(ies) and farmers involved • Integrates intersectional partners and services • Cultivates local funding opportunities • Explores policy change needs/opportunities • Addresses unjust systems (from Food Justice 101) • Power mapping around barriers and policy changes						
This tool is an effective measure						
We have made progress in this area						

4. New Farmer Opportunities.	Negative Impact -3	Neutral 0	Some Impact +3	Strong Impact +5	Highest Impact 10	Overall rating for this norm:
Projects and initiatives: • Directly address needs and opportunities articulated by farmers and farmworkers. • Expand the definition of who is a farmer: identifying small-scale growers who are outside of the current farmer networks • Expand and strengthen farmer-retail connections						

This tool is an effective measure						
We have made progress in this area						

5. Power Mapping. *This is part of the New Project Rubric.*	**Negative Impact -3**	**Neutral 0**	**Some Impact +3**	**Strong Impact +5**	**Highest Impact 10**	Overall rating for this norm:
The New Project Rubric will include barriers and challenges articulated through surveying, and, for these: • Identify the policies and norms that create those barriers and challenges. • Name the institutions that set those policies and priorities. • Identify individuals who hold power to change or remove those barriers.						
This tool is an effective measure						
We have made progress in this area						

6. Decision-Making Checklist. (ongoing)	Negative Impact -3	Neutral 0	Some Impact +3	Strong Impact +5	Highest Impact 10	Overall rating for this norm:
Decision-making is: **Transparent.** Those who are making decisions: ● Communicate what is at stake in a clear and timely manner. ● Name who is taking power in the decision and in what ways. **Accessible.** Those who are impacted: ● Are informed. ● Are engaged to participate in spaces and contexts and language that are accessible.						
Democratic. ● For simple decisions: thumbs up/5-finger vote ● For complex decisions:* (does anyone already have a process for this?) ○ A clear question is articulated ○ Time and space for individual reflection ○ Input from all participants is gathered before discussion ○ Decisions are time-bound and open to review						
This tool is an effective measure						
We have made progress in this area						

7. Relationship Building. (ongoing)	**Negative Impact -3**	**Neutral 0**	**Some Impact +3**	**Strong Impact +5**	**Highest Impact 10**	Overall rating for this norm:
The partnership prioritizes relationship-building by: ● Within the partnership, through relationship building activities and making space for connecting during "shared work" sessions ● With the community, by engaging and compensating diverse community members to broaden participation and avoid burnout ● Between the partnership and the public, through storytelling that captures the experience of farmers and community members						
This tool is an effective measure						
We have made progress in this area						

8. "Food Justice 101" Resources *that articulate the history and systems that govern our food system.*	**Negative Impact -3**	**Neutral 0**	**Some Impact +3**	**Strong Impact +5**	**Highest Impact 10**	Overall rating for this norm:
Compile a set of "Food Justice 101" resources that: ● Are accessible to partners and the public (on WCFN website - shared with all partners to link or post on their own) ● Are integrated into public-facing education shared by partners through their social media ● Are integrated into our discussions and meeting spaces (the what and why) ● Inform our work - to intentionally address and dismantle this						

history and systems (in the New Project Rubric - for working groups)						
This tool is an effective measure						
We have made progress in this area						

Bridgeport Thermal Loop Phase II: Park Avenue EJ Corridor
Logic Model

(Attachment for 3.0 Environmental Results)

Inputs	Outputs	Outcomes- Impact
Conceptual planning of Thermal Loop	Improved understanding of opportunity	Increased local environmental awareness
Investment in Loop System Design	Improved Indoor Air Quality	Preservation/ expansion of programs/services
Research re: $ Savings and Emissions	Verifiable Cost Savings for Stakeholders	Local support increased for projects of this type
Developer partnership w/ CBO (BEDCO)	Reduction of carbon footprints & GHG	More cost & energy efficient buildings in City
Briefing meetings with Stakeholders	Increased reliability of heating/cooling	Future reductions in emissions and GHG
Private capital attracted & invested		Healthier local populations
4/12/2023		

Thermal Loop Expansion

No	Customer	Address	Demand (MMBTU)	Boiler Effeciency	Contractual Demand (MMBTU)
1	Franklin and Eleanor Supportive Housing	695 Park Avenue	6,600	0.7	4,620
2	Bridgeport Rescue Mission	725 Park Avenue	1,500	0.85	1,275
3	Roosevelt School	680 Park Avenue	2,300	0.75	1,725
4	YMCA Extension	650 Park Avenue	335	0.85	285
5	Mercy Learning Center	637 Park Avenue	1,550	0.85	1,318
6	YMCA	850 Park Avenue	3,250	0.75	2,438
	Total		15,535		11,660

Pipeline Leg	Distance (ft)	Pipe Price ($/ft)	Pipe Cost	Mechanical Equipment at $150k per Customer	Engineering and Construction Management	Fuel Cell Site Upgrades	CLM Funding at $68.97/MMBTU	Net CAPEX
1	1,000	1,100	1,100,000					
2	550	910	500,500					
3	741	910	674,310					
Total	**2,291**	**993**	**2,274,810**	**900,000**	**700,000**	**250,000**	**1,071,449**	**3,053,361**

Capital Cost Breakdown	
Pipe Material	818,932
Piping Installation	1,455,878
Piping Total	**2,274,810**
Equipment	378,000
Equipment Installation	522,000
Equipment Total	**900,000**
Fuel Cell Site Equipment	105,000
Fuel Cell Site Equipment Installation	145,000
Fuel Cell Site Upgrade Total	**250,000**
Engineering	301,000
Construction Management	399,000
Engineering and CM Total	**700,000**
Total	**4,124,810**

Project Objectives 1.0: A. Project Summary
Project Title: Stronger Communities Through Healthier Homes **(SCTHH)**
Project Location: Lewiston and Auburn, Maine
Organization Information: Central Maine Community Health (Healthy Androscoggin); 300 Main Street, Lewiston, Maine 04240; Corrie Brown, brownco2@cmhc.org

Brief Description of Applicant Organization
Healthy Androscoggin (HA) is a public health community coalition that focuses on improving the health and quality of life of Androscoggin County, Maine. HA was founded in 1995 by citizens that were witnessing alarming trends in youth tobacco use increasing in the region. Since that time, HA has expanded to focus on five main goals: supporting tobacco-free lifestyles, preventing youth substance use, encouraging physical activity, promoting healthy eating, and preventing childhood lead poisoning. HA works to create a healthier community through ongoing planning, community action, education, and advocacy while addressing emerging public health needs in collaboration with diverse stakeholders.
Project Abstract/ Environmental Issue/Project Type
Stronger Communities Through Healthier Homes (SCTHH) will collaborate with a diverse group of community-based organizations to assess gaps in indoor air quality education, develop interventions to address these gaps, and implement programming which target the issues of lead poisoning, asthma, and mold mitigation with the goal of improving community health and reducing negative health outcomes due to poor indoor air quality and lead exposure. Based upon the requirements for a Quality Assurance Project Plan (QAPP), the proposed project will qualify for a QAPP which will be developed with the support of an evaluation consultant.
Special Considerations - Health Impact Assessment
Healthy Androscoggin focuses on addressing public health issues through a Social Determinants of Health lens. With this approach to our work, we understand the range of community-based issues, including environmental, financial, and physical, that affect a community's health. SCTHH will work to determine the potential effects of the project by engaging diverse and underserved individuals and organizations in our planning, creation of interventions, implementation of programming, and program evaluation. Working with an evaluation consultant and integrating robust evaluation and program improvement activities throughout the process will ensure that any potential side effects to the community of focus will be addressed. In addition, project partners will be included in all evaluation planning as well as distribution of data to affected parties.
List of Project Partners (AKA Project Partnership)
Maine Indoor Air Quality Council,(Maineindoorair.org): The Maine Indoor Air Quality Council (MIAQC) is an interdisciplinary cooperative of professionals formed in 1998 to promote the improvement of all indoor air environments in the state. The mission of the Council shall be "to promote better quality of life through improved indoor environments.
AK Health and Social Services, (akhss.org): AK Health and Social Services (AKHSS) is an ethnic community-based collaborative that brings together resources to address a wide variety of issues that affect the immigrant community including healthcare, advocacy, education, and workforce development.
YWCA of Central Maine, (YWCAmaine.org)YWCA Central Maine seeks to end all forms of oppression and discrimination in the community through education, advocacy, and direct-action including programs in childcare, aquatics, career education and anti-racism programming.

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Project Objectives 1.0: B. Environmental and Public Health Information of the Underserved Community

1. Describe characteristics directly impacted by disproportionate environmental and/or public health harms and risks and how the community is impacted by those harms and risks

The proposed project will focus on the downtown neighborhoods of Lewiston and Auburn, Maine. This area comprises Census Tracts 101-105 in Auburn and 201-205 in Lewiston; the same Census Tracts that designate Lewiston and Auburn (L-A) as Community Development Block Grant (CDBG) Entitlement Communities. L-A is a local service center in the heart of Androscoggin County. Downtown L-A is an environmental justice area of potential concern because of the intersection of several key factors – namely low-income community members living in old and deteriorated housing, with a disproportionate impact on African and Middle Eastern immigrants and refugees who live in these neighborhoods. Approximately two-thirds of the rental housing in the L-A downtown census tracts was built before 1940. The majority of these aging downtown buildings have not been well maintained and their occupants are exposed to a wide variety of home health hazards. For instance, L-A has the highest rate of childhood lead poisoning in the state of Maine.

Between 2017 and 2021, 185 children ages 3 and under were estimated to be lead poisoned in L-A at the previous reference level of 5 µg/dl. Androscoggin County's blood lead test screening percentage for children ages 3 and under in 2021 was 35.1%, below the state average of 37.5%. Maps available from the ME Center for Disease Control and Prevention (ME CDC) demonstrate that these poisonings are concentrated in the downtown census tracts listed above, where the housing is the oldest and least maintained. Not surprisingly, these census tracts are also home to the poorest residents in the state. The elementary school attended by downtown Lewiston residents has the highest free and reduced lunch program participation rate at 100%.

Over the last decade there has been a shift in the population most affected by lead poisoning in our community. According to the ME CDC Childhood Lead Poisoning Prevention staff, historically, low-income Caucasian children in L-A were predominantly those diagnosed with lead poisoning, but as more African immigrants and refugees entered the downtown neighborhoods, lead poisonings in these populations (locally called, "New Mainers") rose sharply. The ME CDC now identifies New Mainers as representing a high-risk group for lead poisoning. Initially, these roughly 6,000 immigrants and refugees were primarily from Somalia, but in recent years, L-A has also become home to people from other African and Middle Eastern countries such as: Democratic Republic of Congo, Syria, Sudan, Iraq, Ukraine, Cuba, Haiti, Iran, Afghanistan, and Central America. As the demographics of the cities continually change, the challenge of educating the public about lead poisoning and home health hazards has become increasingly difficult. Many of the New Mainers who live in dilapidated housing speak little or no English, and many have no concept of lead or asthma triggers as hazards for their children. In addition to our local lead poisoning issue, the health of our community is impacted by high asthma rates. Maine has some of the highest rates of asthma in the country. About 1 in 9 Mainers currently has asthma, compared to 1 in 12 nationally. Lewiston's most recent data from 2016-2020 shows that the rate of asthma emergency department visits was 76 per 10,000 population and Auburn's was 46.7 per 10,000 population, both are higher than the state average of 42.5 per 10,000 population. In 2020, Androscoggin County had the second highest rate of asthma emergency department visits in the state. (data.mainepublichealth.gov/tracking/home)

2. Describe local environmental/public health issue(s) that the project seeks to address
SCTHH will address three public health issues:

- ➔ Reducing lead poisoning in children by:
  - Increasing the number of free lead dust test kits ordered from the ME CDC
  - Increasing the awareness of risks of lead poisoning and mitigation factors
  - Introducing interim controls for safe housing without abatement
  - Increasing positive tenant/landlord communication to address indoor air quality
- ➔ Decreasing incidence of asthma events by:
  - Expanding awareness of asthma triggers in the home
  - Introducing evidence-based prevention strategies and interventions
  - Increasing awareness of risks and mitigation factors
  - Increasing positive tenant/landlord communication to address indoor air quality
- ➔ Mitigating mold that results in poor indoor air quality that impacts overall health of individuals and families by:
  - Increasing awareness of risks and mitigation actions
  - Educating about ventilation strategies
  - Distributing tool kits and resources available for assistance
  - Increasing positive tenant/landlord communication to address indoor air quality

3. Describe the local environmental/public health results the project seeks to achieve and how will the underserved community benefit from those results
SCTHH will:

- Address childhood lead poisoning through assessment of the issue and development and distribution of interventions to improve testing through education
- Address asthma through assessment of the issue and development and distribution of interventions to educate community of focus
- Increase awareness of the dangers of mold in living environments through assessment of the issue through development and distribution of mitigation strategies for tenants, landlords, and homeowners
- Integrate a robust evaluation process in each step of assessing the issue, developing and distributing interventions and information, improvement of programming on an ongoing basis and distribution of resulting data to partners and community members

The underserved community of focus will benefit from the strategies and activities of SCTHH by having access to culturally and linguistically appropriate information to address the issues described above. While there is much information available on the issues of lead poisoning, asthma, and mold, there is still work to be done in collaboration with diverse community members in a way that is easily understood, culturally appropriate AND easily addressed. In addition, engaging tenants, landlords, and homeowners in the assessment and development of interventions and solutions will greatly enhance the efficacy of the program.

Program Objectives 1.0: C. Organization's Historical Connection to Underserved Community

1. History of organizations involvement with the underserved community, including duration of involvement and circumstances that led to your organization's involvement

Healthy Androscoggin (HA) is a public health community coalition that has been working to address health issues in Androscoggin County for over 25 years. HA works to create a community of thriving residents by giving individuals the tools to live a healthy life. More than

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6,000 residents of Lewiston and Auburn are immigrants, most of whom are from Africa but more recently also from a number of countries. To address the health of this diverse local community, we have developed and successfully funded a number of grants specific to meeting their needs.

- In 2010 HA received an Environmental Protection Agency (EPA) Environmental Justice grant to develop and implement a culturally appropriate lead education program. In addition to basic lead education, the curriculum provided information on tenants' rights and how to advocate for a healthy home or apartment.
- In 2013, HA secured funding to collect data on self-reported health needs of New Mainer residents in downtown Lewiston. This project and the employment and training of local immigrants from the community of focus, helped to further cement HA as a partner with local immigrant groups and Ethnic Community Based Organizations (ECBOs). (A Portrait of Health Needs, 2013, available upon request)
- In 2015 we received a four-year US Centers for Disease Control grant; Racial and Ethnic Approaches to Community Health (REACH). This grant focused on addressing issues of inequity in healthcare delivery for the African immigrant population in Lewiston and Auburn. Through the grant, HA employed members of the immigrant community to help develop and implement culturally and linguistically appropriate information about accessing healthcare. In addition, the REACH program worked with healthcare providers including medical assistants and primary care providers to educate them about delivering culturally and linguistically appropriate healthcare.
- In 2018, HA received an EPA Healthy Communities grant to work with a diverse group of community partners to build upon the lead poisoning prevention work that had been done through previous grants to create a new curriculum focused on indoor air quality, specific to asthma. Once again, members of the local immigrant community were trained to deliver the curriculum to individual tenants and homeowners in their own apartments and houses. One outcome of this approach has been training New Mainer partners in data collection and interpretation.

2. How your organization has worked with the underserved community's residents a/o organizations to address local environmental and public health issues currently or in the past and what are some of the results of that work. Include information about recent efforts in the community, if any, that have sought to address the disproportionate issues you described in 1b

HA has collaborated with local ECBOs, healthcare organizations and individuals to develop and implement education and interventions to address the public health needs of Lewiston and Auburn. The focus of these programs has been a result of consultation and data collection with and by these partners. This work has included hiring and supporting staff at HA that reflects our diverse community, training members of underserved communities to deliver health education, and collaborating with communities of focus on data collection and interpretation. With these partners, we have:

- Created curricula, materials and processes for implementing lead poisoning prevention interventions
- Created culturally and linguistically appropriate indoor air quality materials and information
- Implemented a community-lead health assessment
- Developed culturally appropriate tobacco cessation programming
- Participated in local ECBO boards and advisory committees

- Worked with evaluators on each project to ensure program efficacy and distribution of data to the communities of focus in a manner that is useful to them

3. Community Driven Participation – how the underserved community's residents a/or organizations were involved in developing the current project plan and are part of the decision-making process

HA has met with our program partners AK Collaborative, an initiative of AK Health and Social Services, Maine Indoor Air Quality Council, and the YWCA of Central Maine to develop this proposal. We will meet with our partners, including the evaluation consultant, as a collaborative four to five times a year and individually as needed during the implementation of the grant.

Program Objectives 1.0: D. EJCPS Model

Demonstrate how this application utilizes the EJCPS Model. Provide a clear and concise description about which of the seven elements will be undertaken for this project, and the reasonableness and achievability of the associated timeline and milestones for each element selected. This includes how the identified elements will be and/or are being applied to execute the project. If applicable, also describe which EJCPS Model element(s) associated with this project may have already begun or been accomplished.

SCTHH has experience with the EJCPS model through other grant programs that we have implemented as described in HA's Historical Connection to Underserved Communities. Our first focus is always to engage any potential partners in identifying issues that are important and meaningful to the community of focus. Issues are driven by the felt-needs of the community rather than that of the grant host organization. Grant applications are subject to meetings and conversations with partners to ensure that all participants have a vision of the project, from beginning to end, that is aligned with their goals. A specific strategy is developed that lists individual and group goals and how to best achieve them. This intentional process builds the capacity of the community to address issues from a position of strength rather than of deficit.

The grant application process involves building on our strong partnerships that have been established over a number of years. Stakeholders represent diverse communities including immigrants, women, children, local healthcare providers, and ECBOs. There is a conscious effort to understand what resources each partner brings to the proposed program and how best to integrate those resources while helping to develop additional resources for and with partners. Evaluation practices reflect the input of the community of focus and are in response to the individual needs of the community members.

HA has a history of successfully managing complex federal as well as state and local grants. We are adept at determining which issues to focus on that build on our understanding of community history and practice, particularly when it comes to the diverse cultures in Lewiston and Auburn.

Regular facilitated meetings with partners will happen four or five times a year. In addition, there will be meetings with individual staff of partner organizations to help ensure that program activities continue to serve the needs of the community even as needs may change. All notes from planning meetings will be widely distributed and easily accessible. Successes will be celebrated and will inform the work as it progresses.

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Program Objectives 1.0: E. Project Linkages

Briefly describe how the project supports EPA Strategic Plan Goal 2, Objective 2.2. Will be evaluated on how it supports the Strategic Plan and how it relates to the qualified environmental issue identified in Project Summary

SCTHH will use a collaborative approach in all planning, material development and delivery, evaluation, and distribution of data. The partnership will work with communities in ways that are community-driven, coordinated and collaborative, support equitable and resilient community development, and provide for meaningful involvement and fair treatment of communities with environmental justice concerns.

Program Objectives 1.0: F. Partner and Collaborate

Provide a clear and concise description of how the proposed project promotes collaborations with partners from multiple stakeholder groups to develop solutions that will address environmental and/or public health issues

1. Describe how the project will accomplish its goals through the use of appropriate and diverse partnerships from multiple stakeholder groups.
2. Identify and describe all partners involved, including those partnerships that may be under development. Include the following details:
    a. Planned roles of each partner listed in Project Summary. Include which stakeholder group the partner represents and the project activities each partner will be responsible for
    b. How each partner will contribute to the project
    c. What resources each partner brings to the partnership
    d. How the partner has a vest interest in working with this partnership
    e. How the applicant organization plans to maintain and sustain these relationships into the future
    f. Describe how the proposed financial transaction complies with applicable requirements in 2 CFR Part 200 on competitive procurement or for subrecipients EPA's Subaward Policy or EPA Guidance on Participant Support Costs.

YWCA of Central Maine

The YWCA of Central Maine will be an active participant in Healthy Androscoggin's SCTHH program. The YWCA will identify at least one staff member to participate in a maximum of 15 collaborative sessions over the next three years, participate in an environmental scan of existing resources and gaps, support the creation of educational material(s), disseminate educational materials through their many programs, and participate in evaluation efforts throughout the three-year award.

The YWCA brings a unique perspective and partnership to the SCTHH project. Through their childcare programming, they can educate children (with parental permission) about how air can be healthy and/or unhealthy. Age appropriate materials created by the project will be distributed through the children to their families. These materials will be useful to the YWCA child care program now and in the future. According to program records, over 50% of the YWCA's child care participants are considered to be New Mainers. Lead poisoning of children is of widespread concern in this community and working with the childcare program at the YWCA will reach a large number of families as well as help educate children, an effective way to reach parents. The YWCA will receive $45,000 over the three years of the grant to support the project.

Maine Indoor Air Quality Council

As a committed partner in Healthy Androscoggin's SCTHH proposal, the MIAQC will designate one staff person to participate in a maximum of 15 collaborative sessions over the next three years. They will provide resources for the development and creation of educational material(s), disseminate educational materials through their programs and partnerships, and participate in evaluation efforts throughout the three-year award.

MIAQC will help to identify and promote best practices for building and maintaining healthy, energy efficient indoor environments. MIAQC will recommend credible and science-based (peer reviewed whenever possible) resources based on the information available to the Council. Staff will help the SCTHH program raise public awareness of indoor air quality and energy efficiency as they impact quality of life and promote educational activities in accordance with its mission. MIAQC will provide ongoing technical assistance to partners on indoor air quality best practices and health outcomes. Anticipated award over 3 years: $30,000.

AK Health and Social Services

As a committed partner in Healthy Androscoggin's SCTHH proposal, AKHSS will designate one staff person to participate in a maximum of 15 collaborative sessions over the three years of the program. They will provide resources for the development and creation of culturally and linguistically appropriate educational material(s), disseminate educational materials through their programs and partnerships, and participate in evaluation efforts throughout the three-year award.

AKHSS will bring important expertise and community connections to the project. They are an ECBO that collaborates with a diverse group of immigrant advocacy groups. They coordinate a variety of programs for the immigrant community in Lewiston and Auburn. The AKHSS collaborative includes organizations that focus on public health, workforce development, literacy, and nutrition, among others. With this diversity of programming and partnerships, AKHSS will be vital in developing, widely disseminating and evaluating the program in a culturally appropriate manner. Anticipated award over 3 years: $45,000

SCTHH partners are Subrecipients, therefore there does not need to be a competitive process for engaging with them. Healthy Androscoggin will create a MOA (memorandum of agreement) with each project partner to outline roles and responsibilities over the three years, including how often payment will be made.

Long Term Goal: Reduce the health impact of indoor toxins on communities disproportionately affected in Lewiston and Auburn.

Year 1

In collaboration with identified community and project partners, SCTHH will hold 4-5 sessions with the following purposes:

- Identify leading toxins of concern using most currently available data and qualitative data from the identified community
- Create inventory of existing resources and gaps for the identified toxins
- Update or create educational materials to incorporate the specific cultural, literacy, and linguistic needs of the community
- Develop intervention model(s) utilizing evidence-based or informed practices adapted for the specific needs and culture of the identified community
- Develop three-year evaluation plan

Year 2

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In collaboration with identified community and project partners, SCTHH will hold 4-5 sessions for quality improvement activities for identified interventions:

- Plan, implement, and evaluate identified intervention(s)
- Implement program improvement based on program evaluation and community feedback
- Adapt education materials based upon learnings from implementation and short-term evaluation results
- Develop sustainability plan, including tools and resources

Year 3

In collaboration with identified community project partners, SCTHH will hold 4-5 sessions for quality improvement activities for identified interventions:

- Plan, implement, and evaluate identified intervention
- Finalize evaluation results and disseminate to community
- Implement sustainability plan

Project Activities 2.0

1. Project Activities

Provide a clear description of the steps the applicant will take to meet the program objectives and execute the project. Provide clear descriptions and details for each project activity or component and the anticipated products/results associated with each activity.

In collaboration with identified community project partners, SCTHH will hold 4-5 sessions each year of the project with the following purposes:

Year 1

- Define areas of concern using most currently available data and qualitative data from the identified community through culturally and linguistically appropriate outreach
- Create inventory of existing resources and gaps for the identified toxins that address indoor air quality, particularly as it pertains to lead poisoning, asthma, mold and unhealthy indoor air quality
- Update or create educational materials to incorporate the specific cultural, literacy, and linguistic needs of the community
- Develop intervention model utilizing evidence-based or informed practices adapted for the specific needs and culture of the identified community
- Develop evaluation plan

Year 2

- Continue to update and create materials
- In collaboration with identified community partners, hold 3-4 sessions for quality improvement activities for identified interventions
- Plan, implement, and evaluate identified intervention
- Adapt education materials based upon learnings from implementation and short-term evaluation results
- Develop sustainability plan, including tools and resources

Year 3

- In collaboration with identified community partners, hold 3-4 sessions for quality improvement activities for identified interventions
- Plan, implement, and evaluate identified intervention
- Finalize evaluation results and disseminate to community

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- Distribute materials, lessons learned and data to community of focus in a culturally and linguistically appropriate way
- Implement sustainability plan

2. Milestone Schedule

Include a clearly articulated/organized milestone schedule, detailing timeframes and major milestones to complete significant project activities within the 3-year period of performance. It is recommended that you insert a table in your work plan narrative to help organize your milestone schedule.

Activity	**Timeframe**	**Person(s) resources**
Evaluation Consultant hired	Within first 3 months	Program Manager and Program Coordinator
Project Partnership convened	Within first 3 months, then 4-5 meetings in Year 1; 3-4 meetings in Years 2 and 3	Program Coordinator
Environmental scan complete	Within first 6 months	Project Partnership
Evaluation Plan developed	Within first 6 months	Project Partnership, Evaluation Consultant
Materials developed	Within 18 months	Project Partnership
Dissemination Plan developed	Within 18 months	Project Partnership
Implementation of education	Beginning of year 2	Project Partnership
Ongoing evaluation	Ongoing over 3 years	Project Partnership, Evaluation Consultant
Distribution of materials	Year 2-3	Project Partnership
Sustainability Plan developed	By end of year 2	Project Partnership

Environmental Results 3.0

1. Logic Model – See Attachment 2
2. Performance Measurement Plan
    a. Describe the plan to track and monitor project performance and progress throughout the project period (3 years). Evaluated based on extent and quality to which applicant

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demonstrates a sound plan for tracking progress towards achieving the expected outputs, outcomes, and associated timeframes and Evaluation Plan

Evaluation Team

HA will use a request for proposals model to determine a qualified outside evaluation contractor. The evaluators will be an integral part of the project team at each step of the project and will have specific deliverables built into their contract to ensure accountability and transparency of their work. Each year, at least 15% of program funding will be used for evaluation activities. The evaluation plan will include regular meetings, as needed, to:

- Engage stakeholders at each step
- Develop the program in collaboration with the stakeholders
- Focus the evaluation design in response to stakeholder and community feedback
- Gather evidence in collaboration with stakeholders in a culturally and linguistically appropriate way
- Justify conclusions in collaboration with stakeholders- Does this information reflect the experience of the community of focus?
- Share lessons learned in collaboration with stakeholder

Developing the Evaluation and Performance Measurement Plan

In the first six months, the evaluation team will follow the six-step U.S. CDC Evaluation Framework to develop and implement the Evaluation and Performance Measurement Plan, meeting all CDC requirements to: 1. Engage stakeholders, 2. Describe the program, 3. Focus the evaluation design, 4. Gather evidence, 5. Justify conclusions, and 6. Ensure use and share lessons learned. The plan will meet the important standards of feasibility, propriety, utility, and accuracy (Centers for Disease Control and Prevention. Framework for Program Evaluation in Public Health. MMWR 1999;48 No. RR-11). An evaluation representative will be a part of the project partnership, which will also serve as the evaluation stakeholder group composed of the Project Manager, staff, external stakeholders, program partners, and at least one representative of the priority population (step 1). This group will provide input and guidance on plan design, implementation, and reporting. They will meet frequently to review the plan implementation progress, reflect on data, and engage in continuous quality improvement by making program or evaluation adjustments.

The evaluation team will define the program, refine the local evaluation questions, and agree on indicators and measures (steps 2 and 3). The plan will have three components: performance measurement, process improvement and outcome evaluations. It will span the project strategies and assess technical assistance/capacity building and respond to all evaluation questions (federal and local). Performance measurement will track progress on work plan activities. Process evaluation will track the quality of the implementation and outputs of activities, such as the number and type of improvements made and population reached. Outcome measures will track achievement of expected outcomes such as improved access and/or policies and include intermediate and long-term measures from the logic model. The plan will use mixed methods and be a quasi-experimental, repeated measures design, comparing baseline to post activity measures. Qualitative methods will inform context. The evaluators will identify/create a shared performance monitoring system, as a local repository for data, in a platform that meets all confidentiality and security requirements of Central Maine Community Health, EPA, and participants (step 4). The data will be used to answer the key evaluation questions. This evaluation approach has been followed for many of our federal grant activities and we find it feasible, proper, useful, and accurate.

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Evaluation Findings Use, Quality Improvement, Inform Others

After data collection and analysis, the evaluation team will convene key program partners and stakeholders to reflect on lessons learned, plan for continuous program quality improvements, and dissemination of findings (steps 5 and 6). They will engage a broad group to review easy-to-understand and culturally and linguistically appropriate displays of findings using infographics, summaries, and discussions. Based on the input, the team will develop an Evaluation Findings Dissemination Plan so that lessons learned are acted upon and used for program and stakeholder improvement. Annual and periodic evaluation reports will include: Evaluation Plan, Data Management Plan (in the first six months); findings from process and outcome evaluations; six-month updates on performance measures; and on-going plan updates. All data, reports, and presentations will meet state, federal, and local participant requirements for literacy, accessibility, confidentiality, data handling, data standards, accurate descriptions, disclosures, and attribution.

3. Sustainability Plan and Community Vision

Describe plans to utilize the results and momentum of the proposed project to come closer to achieve the community's goals and objectives. Details about current work and initiatives in the community, and how the community has a vested interest in sustaining the project's momentum into the future should also be included. If applicable, applicant should also describe how the activities and results of their project can be replicated and used in communities elsewhere.

HA Project staff will work with representatives from the project partnership to create a Project Sustainability Plan by year two and implement it by year three. Appropriate stakeholders will be convened to form a sustainability workgroup to develop a sustainability timeline by year two to ensure project sustainability throughout the three years and when project funding concludes. Engaging members of the community of focus as well as project partners, will be vital.

Project partners, particularly ECBOs, will look for culturally and linguistically appropriate materials to distribute to their communities about health issues including those that pertain to children. The SCTHH partnership has representation from these groups.
All materials developed will be archived and easily accessible on project partnership web sites. Maine Indoor Air Quality Council will ensure that materials are available at the state level.

In order to ensure that the Lewiston and Auburn communities and others across Maine can learn from the project, HA and partners will develop two success stories per year which will be shared with organizational partners. The project staff will also submit a proposal to host break-out sessions at the Maine Public Health Association Annual Meeting to ensure that materials, activities, data and lessons learned are broadly disseminated.

Programmatic Capability 4.0

1. Organizational Experience

Experience related to the proposed project, and the organization's infrastructure as it relates to their ability to successfully implement the proposed project.

HA's fiscal agent is Central Maine Community Health (CMCH), a division of Central Maine Healthcare. CMCH provides accounting, human resources, information technology, and other support to our organization.

HA stays grounded in the community and draws leadership from our diverse 12-member Advisory Board. In our coalition, we have strong, diversified representation from well-respected community leaders at all levels of our coalition's committees and governance structures. We

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have representations from the following sectors: ethnic based community organizations (EBCOs); healthcare (including both local hospitals and the rural federally-qualified health center); business; higher education; media; public schools; local, state and federal government; law enforcement; fraternal organizations; non-profits; housing authorities; Cooperative Extension; parks and recreation departments; and social service agencies.

Healthy Androscoggin began addressing childhood lead poisoning in 2008 when health data showed that large numbers of local children were poisoned annually and that there was a gap in how local agencies addressed the issue. Since that time, Healthy Androscoggin has successfully applied for and implemented a number of state and federal grants to address the issue of childhood lead poisoning as well as asthma and indoor air quality. These grants include:

- In 2010 HA received an EPA Environmental Justice grant to develop and implement a culturally appropriate lead education program. In addition to basic lead education, the curriculum provided information on tenants' rights and how to advocate for a healthy home or apartment.
- In 2013, HA secured funding to collect data on self-reported health needs of New Mainer residents in downtown Lewiston. This project and the employment and training of local immigrants from the community of focus, helped to further cement HA as a partner with local immigrant groups and Ethnic Community Based Organizations (ECBOs). (A Portrait of Health Needs, 2013, available upon request)
- In 2015 we received a four-year US Centers for Disease Control grant; Racial and Ethnic Approaches to Community Health (REACH). This grant focused on addressing issues of inequity in healthcare delivery for the African immigrant population in Lewiston and Auburn. Through the grant, HA employed members of the immigrant community to help develop and implement culturally and linguistically appropriate information about accessing healthcare. In addition, the REACH program worked with healthcare providers including medical assistants and primary care providers to educate them about providing culturally appropriate healthcare.
- In 2018, HA received an EPA Healthy Communities grant to work with a diverse group of community partners to build upon the lead poisoning prevention work that had been done through previous grants to create a new curriculum focused on indoor air quality, specific to asthma. Once again, members of the local immigrant community were trained to deliver the curriculum to individual tenants and homeowners in their own apartments and houses. One outcome of this approach has been training New Mainer partners in data collection and interpretation.
- From 2017 to 2020, HA participated in an Elmina B. Sewall Foundation three-year Healthy People, Healthy Places community assessment project. The Sewall Foundation is a Maine-based private foundation. This activity engaged over 40 community members representing 25 community organizations in the Lewiston-Auburn area. Through this intense, community driven process, HA was a lead in helping to develop the "Support the Well-Being of People" to address how best to integrate resources to help people lead healthy lives.

2. Staff Experience
    a. Why the project manager and associated staff member are qualified to undertake the project

Lindsay Gannon will serve as the Program Manager for the duration of the SCTHH partnership. Ms. Gannon has experience in research, project coordination, and grant management

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including program design, implementation, evaluation, budgeting, contracting, reporting, and multi-partner collaboration. At Healthy Androscoggin Ms. Gannon manages federal and state grants for healthy eating, physical activity, and lead poisoning prevention programs. She has worked at HA for two years and in her seven years as an evaluator she connected program design and implementation with the complexities of monitoring and evaluation.

Hannah Dieterich will serve as the Program Coordinator for the duration of the program. Currently, Ms. Dieterich is a Health Promotion Coordinator at Healthy Androscoggin. She is the Lead Poisoning Prevention Coordinator at HA. Ms. Dieterich has experience creating culturally and linguistically appropriate marketing materials on lead poisoning prevention for landlords, homeowners and renters. She does in-home resident education to raise awareness of lead poisoning and its prevention. Ms. Dieterich also has experience in using social media and community events to connect with our diverse community. She successfully completed a three - day training through the Building Performance Institute and is now certified as a Healthy Homes Assessor.

b. Illustrates the project manager's ties/historical connection to the community and the applicant organization. Please include detailed descriptions of any activities that the PM has worked on with the community and/or application organization

Lindsay Gannon has been a Program Manager at HA for two years and currently manages federal, state, and foundation funded programming. Prior to that she was an independent contractor for 8 years evaluating HA's various grant programs, including healthy homes and lead poisoning prevention projects. Lindsay is a cultural competency training partner due to the REACH grant activities and continues to work with ECBOs to create cultural bridges in our communities. She serves on the Advisory Committee for AKHSS and is a board member for a local non-profit and sober home that serves vulnerable women and children in Lewiston.

3. Expenditure of Awarded grant funds

Organizations' approach, procedures, and controls for ensuring that awarded grant funds will be expended in a timely and efficient manner

Central Maine Community Health's (CMCH) fiscal management staff has considerable experience managing multi-site projects and ensuring accountability and compliance. CMCH will serve an administrative role to handle grants administration, reporting, and overall project management. CMCH has strong finance, human resource, contracting, and audit/compliance systems in place and has a history of successfully administering half-a-million dollar grants/contracts, including federal and state grants that involve multiple subcontractors.

Internal policies and performance/financial monitoring systems ensure that grant resources are effectively utilized, reports are produced in a timely manner, and all applicable laws and regulations are followed. CMCH / Healthy Androscoggin leadership reviews performance metrics and income and expense statements on a monthly basis, and a qualified independent auditor conducts an audit annually.

The Grant Coordinator will be responsible and accountable for project fiscal management and will make monthly reports on actual versus budgeted expenditures to CMCH / Healthy Androscoggin leadership. Financial administration for all CMCH grants are conducted by the Central Maine Medical Center Finance Department using standard approved accounting practices. The Finance staff with expertise in accounting and fiscal management will implement established systems for fund distribution and reporting, and will present monthly reports to the Grant Coordinator that identify and resolve any variances. CMCH/ Healthy Androscoggin has

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systems in place to track in-kind resources such as staff time and to reconcile accounts for project budgets that involve multiple funding streams.

Past Performance 5.0

List no more 5 federally and/or non-federally funded assistance agreements (grants and cooperative agreements, not contracts) that your organization performed within the past 3 years and must include:

1. Whether and how you were able to successfully complete and manage those agreements
2. History of meeting the reporting requirements under those agreements, whether you adequately and timely reported on your progress towards achieving the expected outputs and outcomes of those agreements, and whether you submitted acceptable final technical reports

Supplemental Nutrition Assistance Program- Education (SNAP- Ed)

HA successfully completed and managed the SNAP-Ed federal grant for over 10 years, and continues to do so at the time of this application. We work collaboratively with Maine's Office of Family Independence and the University of New England, who fund and oversee the program. We consistently meet our goals and receive positive marks for our management and implementation of the program, and we also pass all state audits. We have a history of meeting the reporting requirements under those agreements, we adequately and timely report on our progress towards achieving the expected outputs and outcomes, and consistently submit acceptable final technical reports.

Lead Poisoning Prevention Fund (LPPF)

HA successfully completed and managed the LPPF state contract from the Maine CDC since 2010. Lead Poisoning Prevention Fund, provides high risk areas in the state with funding for community educational outreach programs, media campaigns, and other prevention strategies. We have a history of meeting the reporting requirements under those agreements, we adequately and timely report on our progress towards achieving the expected outputs and outcomes, and consistently submit acceptable final technical reports.

EPA-Healthy Homes

HA successfully completed and managed the EPA Healthy Homes grant. Healthy Androscoggin utilized EPA Healthy Communities funding to expand class offerings to include other important home health hazards, and to create curricula that are culturally appropriate for our diversifying immigrant and refugee populations. We have a history of meeting the reporting requirements under those agreements, we adequately and timely report on our progress towards achieving the expected outputs and outcomes, and consistently submit acceptable final technical reports.

QAPP 6.0

Upon review of the criteria for a QAPP, Healthy Androscoggin anticipates the need to develop a plan with support from the partner collaborative and independent evaluator.

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Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-EJCPS Project Narrative.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	66.306	$	$	$ 150,000.00	$	$ 150,000.00
2.						
3.						
4.						
5. Totals		$	$	$ 150,000.00	$	$ 150,000.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	(2)	(3)	(4)	Total (5)
a. Personnel	$ 114,480.00	$	$	$	$ 114,480.00
b. Fringe Benefits	0.00				0.00
c. Travel	0.00				0.00
d. Equipment	5,000.00				5,000.00
e. Supplies	284.00				284.00
f. Contractual	2,340.00				2,340.00
g. Construction	0.00				0.00
h. Other	5,000.00				5,000.00
i. Total Direct Charges (sum of 6a-6h)	127,104.00				$ 127,104.00
j. Indirect Charges	22,896.00				$ 22,896.00
k. TOTALS (sum of 6i and 6j)	$ 150,000.00	$	$	$	$ 150,000.00
7. Program Income	$ 0.00	$	$	$	$ 0.00

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 50,000.00	$ 12,500.00	$ 12,500.00	$ 12,500.00	$ 12,500.00
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 50,000.00	$ 12,500.00	$ 12,500.00	$ 12,500.00	$ 12,500.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	$ 50,000.00	$ 50,000.00	$ 0.00	$ 0.00
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 50,000.00	$ 50,000.00	$ 0.00	$ 0.00

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: $127,104

22. Indirect Charges: $22,896

23. Remarks: 20% de minimis

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Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-EJCPS Project Narrative.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

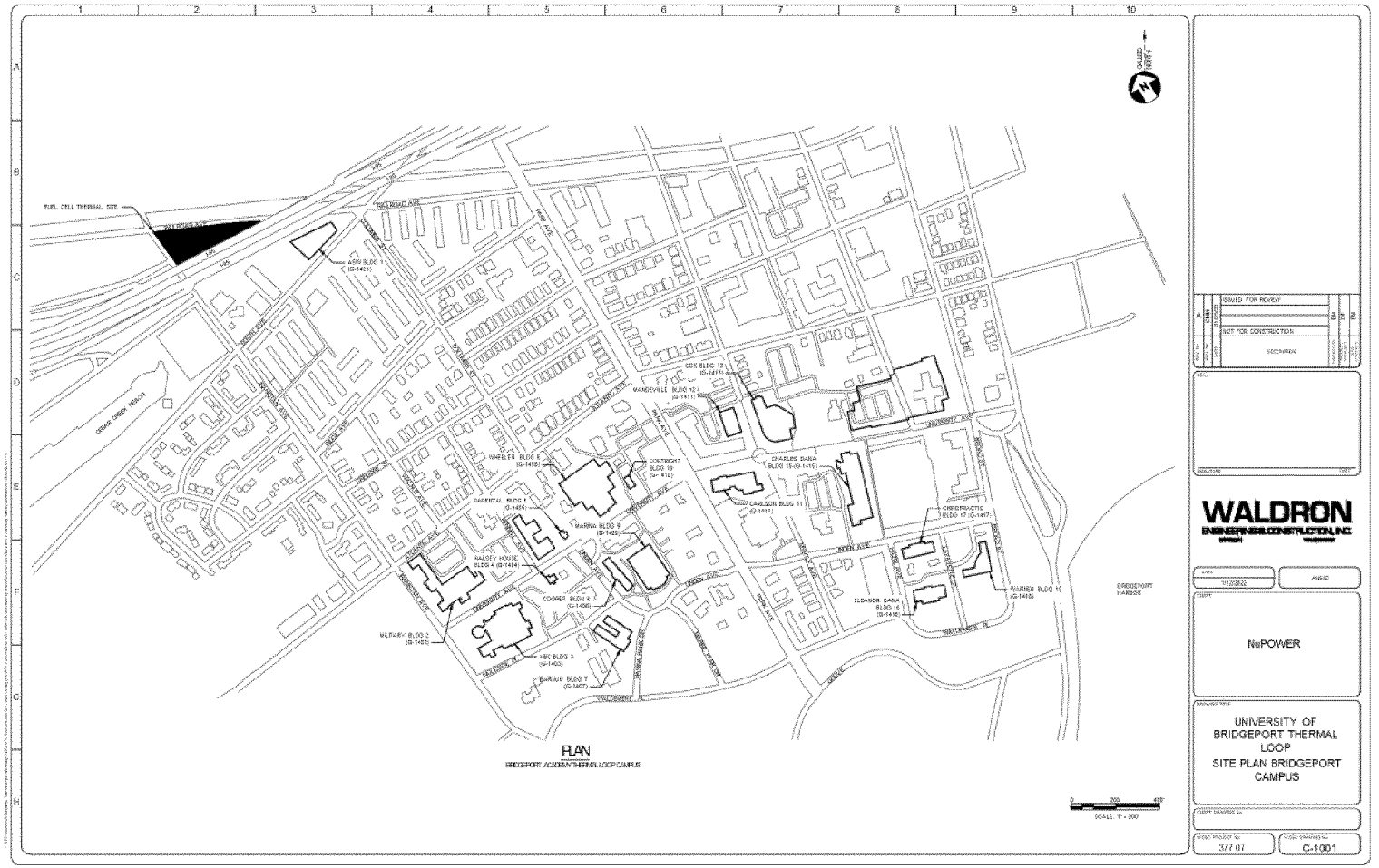
NuPower LLC

Thermal Loop Customer Expansion

March 22, 2023

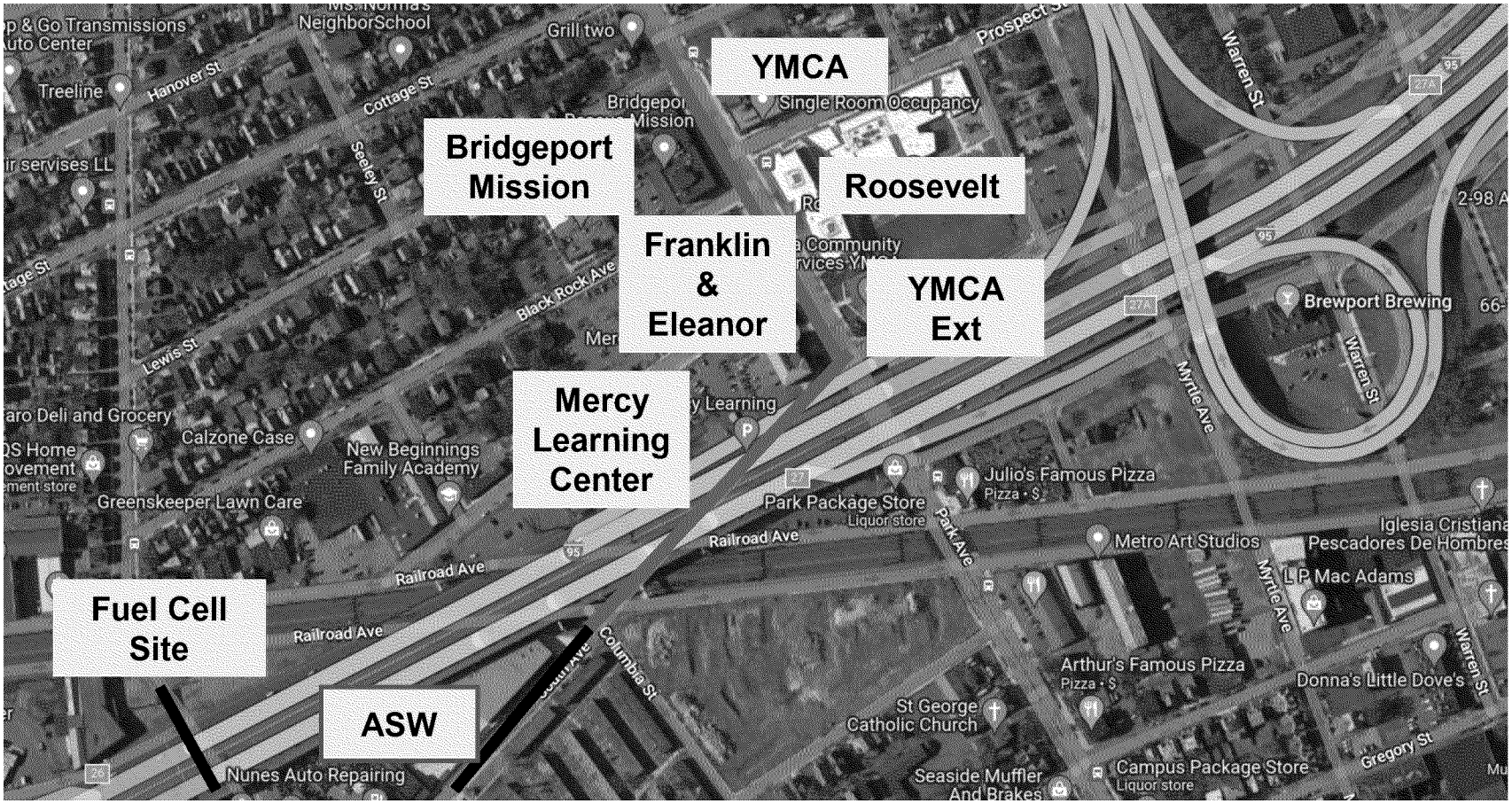
NuPower Thermal

Bridgeport South End Thermal Loop Phase I



NuPower Thermal

Thermal Loop Phase II Customer Locations



Thermal Loop Customer Expansion Phase II

- **NuPower has identified six potential thermal loop customers that are in close proximity to the existing thermal loop route**

- **Permits the Project to obtain the required additional 11,400 MMBTU to meet the 50% thermal output for a 21-fuel cell configuration.**

Thermal Loop Expansion

No	Customer	Address	Demand (MMBTU)	Boiler Effeciency	Contractual Demand (MMBTU)
1	Franklin and Eleanor Supportive Housing	695 Park Avenue	6,600	0.7	4,620
2	Bridgeport Rescue Mission	725 Park Avenue	1,500	0.85	1,275
3	Roosevelt School	680 Park Avenue	2,300	0.75	1,725
4	YMCA Extension	650 Park Avenue	335	0.85	285
5	Mercy Learning Center	637 Park Avenue	1,550	0.85	1,318
6	YMCA	850 Park Avenue	3,250	0.75	2,438
	Total		15,535		11,660

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Thermal Loop Customer Expansion

Net Thermal Loop expansion CAPEX equals $3 million net of Conservation Load Management Funding

Pipeline Leg	Distance	Pipe Price ($/ft)	Pipe Cost	Mechanical Equipment at $150k per Customer	Engineering and Construction Management	Fuel Cell Site Upgrades	CLM Funding at $68.97/MMBTU	Net CAPEX
1	1,000	1,100	1,100,000					
2	550	910	500,500					
3	741	910	674,310					
Total	2,291	993	2,274,810	900,000	700,000	250,000	1,071,449	3,053,361

- **NuPower has teamed with the Bridgeport Economic Development Corporation to apply for grant funding under the EPA 2023 EJ Collaborative Problem-Solving Cooperative Agreement Program (EJCPS)**

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Manifest for Grant Application # GRANT13862021

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 33134 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16025 bytes)

2. Form SF424A-V1.0.pdf (size 23164 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40224 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15919 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23843 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37276 bytes)

Attachments Included in Zip File (total 19):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1252-EJCPS Budget Narrative.pdf application/pdf (size 170010 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1251-Dean Berg - 2022 resume.pdf application/pdf (size 101418 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1250-Samuel Wheelock Gifford - 2022 resume.pdf application/pdf (size 154713 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1244-Green Beverly Employee Roster.pdf application/pdf (size 193531 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1243-Green Beverly - Letter of Commitment - Salem Plumbing.pdf application/pdf (size 159769 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1242-Green Beverly - Letter of Commitment ecoWAVEus.pdf application/pdf (size 94818 bytes)

7. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-EJCPS Project Narrative.pdf application/pdf (size 7191140 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-Green Beverly - Letter of Commitment - Rise Up Solar.pdf application/pdf (size 1216479 bytes)

9. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1249-Julia Long - 2022 resume.pdf application/pdf (size 152188 bytes)

10. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1248-Isis Patterson - 2022-23 resume.pdf application/pdf (size 109398 bytes)

11. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1247-Shelley Lee - 2023 resume.pdf application/pdf (size 123119 bytes)

12. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1246-EJCPS Logic Model.pdf application/pdf (size 177323 bytes)

13. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1245-EJCPS WorkPlan Timeline.pdf application/pdf (size 150486 bytes)

14. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-Green Beverly - Letter of Commitment - City of Beverly.pdf application/pdf (size 612738 bytes)

15. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-EJCPS Project Narrative.pdf application/pdf (size 7191140 bytes)

16. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-Green Beverly - Letter of Commitment - Action Inc..pdf application/pdf (size 129947 bytes)

17. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-Green Beverly - Letter of Support - Beverly Housing Authority.pdf application/pdf (size 240473 bytes)

18. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-Green Beverly - Letter of Commitment - Bootstraps.pdf application/pdf (size 75683 bytes)

19. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-Green Beverly - Letter of Commitment - YMCA.pdf application/pdf (size 152516 bytes)

Budget Narrative

PERSONNEL: $114,480

Senior/Key Personnel

Ms. Shelley Lee, Green Beverly Programming Director, Principal Advisor on Award, (5% / 1.80 calendar months). Ms. Lee will serve as principle advisor for the project and will guide and oversee all work done by the Lead Project Manager. She will support outreach and partner communications, support outreach to recruit new/additional partners, participate in the development of agendas for partner planning meetings, and support meeting facilitation as needed. She will also support completion of recommendations, reports, and future implementation planning related to the project.

TBN, Lead Program Manager on Award (50% / 18.0 calendar months).
The Lead Program Manager, To Be Named, will manage all aspects of the project. He/she will coordinate all communications with the partners, manage the timeline/schedule, manage the budget, and escalate as needed. He/she will be involved in the analysis of the data, build business plans, produce recommendations/actions, and complete reports.

Ms. Julia Long, Green Beverly Community Engagement Director, (10% / 3.60 calendar months). Ms. Long will serve as principle advisor for the project as it relates to community stakeholder outreach and engagement.

TBN, Green Beverly Coaches, (10% / 3.60 calendar months). The Green Beverly Coaches will be engaged throughout the project to provide technical input and 1:1 coaching sessions with landlords and tenants.

TRAVEL: $0

SUPPLIES: $284

Estimated meeting supplies and printing costs for 12 quarterly planning meetings as well as other periodic meetings as needed.

CONTRACTURAL COSTS: $2,430

Bookkeeper @ $2,430

TOTAL DIRECT COSTS: $127,104

INDIRECT COSTS: $22,896

IDC Rate Agreement of 20% of Wages and Salaries.

TOTAL COSTS: $150,000

Table 5. North Shore Farm and Food Coalition's Urban Agriculture Planning Project - Timeline and Workplan 2021-2022

WP	Task	Indicators	Year 1												Year 2												Year 3											
Objectives and Activities (Mx=Milestones)			M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	M13	M14	M15	M16	M17	M18	M19	M20	M21	M22	M23	M24	M25	M26	M27	M28	M29	M30	M31	M32	M33	M34	M35	M36
1	**Create a plan to transition heating/cooling systems to heat pumps**																																				
1.a	Assess target audience																																				
	a) Talk with partner orgs in Beverly to see what community is best	Data compiled																																			
	b) Review data for neighborhoods in Beverly to identify characteristics of neighborhoods	Data compiled																																			
	c) Meet with Community Ambassadors of EJ Communities	Data compiled																																			
	d) Use informtion from above for all partners to agree on community to concentrate on	Final report				M1																															
1.b	Assess financial model																																				
	a) Work with partners to understand incentives available	Data compiled																																			
	b) Work with partners to understand the general cost of products	Data compiled																																			
	c) Work with partners to create equitable financing models	Final Report						M2																													
1.c	Assess technology																																				
	a) Reach out to heat pump companies. Understand their product relative to MA temps	Data compiled																																			
	b) Research how particular products work with incentives	Data compiled									M3																											
2	**Educate tenants and their landlords on the pilot program and benefits**																																				
2.a	Create an outreach and educational plan																																				
	a) Work with Community Ambassadors to create education and outreach plan	Data compiled																																			
	b) A two pronged effort to keep reaching out and then tailor the outreach to what the community representative feels will have the best impact	Neighborhood completely canvased				M4																															
2.b	Implement/Execute the Educational Plan																																				
	a) Create modes of communication to educate owners/renters	Workshops and Mailings				M5																															
	b) Send out outreach/educational materials via priority channels	Distribution																																			
3	**Execute on the Pilot Program**																																				
3.a	Launch Pilot Program																																				
	a) Identify the owners/renters that will convert now (via coaching)	List										M6																										
	b) Identify owners/renters that can not convert now but want to be ready when the time comes (via coaching)	List																																			
3.b	Pre -Installation																																				
	a) Coach owners/renters to put their personal product plan together	Document																M7																				
	b) Coach owners/renters to put their personal financial plan togehter	Document																																			
3.c	Installation																																				
	a) Acquire Quotes (minimum of 3)	Quotes																																			
	b) Installation of heat pumps/completion of weatherization	Product installed																																			
	c)Assess success of process with client - keep track of savings	report																																			
3.d	Final Report/Documentation																																				
	a) Compile report that summarizes the successful actions taken to complete education and installations, as well as the actions that did not work	Report																																			M8

Milestone List

M1 Target Audience Identified
M2 Financial Model Created
M3 Technology Solutions Identified
M4 Outreach Plan Completed
M5 Outreach Commences
M6 Launch Pilot
M7 6-Month Review, Assessment, Pilot Adjustment
M8 Final Report and Scalability/Replication Plan

Table 5. North Shore Farm and Food Coalition's Urban Agriculture Planning Project - Timeline and Workplan 2021-2022

Table 5. North Shore Farm and Food Coalition's Urban Agriculture Planning Project - Timeline and Workplan 2021-2022

Table 5. North Shore Farm and Food Coalition's Urban Agriculture Planning Project - Timeline and Workplan 2021-2022

Table 5. North Shore Farm and Food Coalition's Urban Agriculture Planning Project - Timeline and Workplan 2021-2022

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Table 5. North Shore Farm and Food Coalition's Urban Agriculture Planning Project - Timeline and Workplan 2021-2022

Table 5. North Shore Farm and Food Coalition's Urban Agriculture Planning Project - Timeline and Workplan 2021-2022

Green Beverly
Logic Model for EJCPS

Resources	Activities	Outputs	Audience	Short-Term Outcomes	Intermediate Outcomes	Long-Term Outcomes
* Staff Time for Research, Planning, and Pilot Management & Coordination	* Meet with selected partners	* 1:1 meetings with 10+ local partners Create pilot plan * 1:1 meetings with 10+ community representatives	* CBOs, City, Financial Partners, Distributors, Trades Professionals			
* Partner contribution to the Planning/Research Phase * Volunteers	* Meet with community stakeholders	Get support from 5+ for pilot in their community	* Trusted representatives within the various communities/neighborhoods	* hope to have them interested in pursueing this alternative system	* Advocacy in their community	* Advocacy in their community
* Additional Grants (pending) * In-Kind Contributions	* Find/survey community to see how best them want to learn	* Outreach to 500+ households	* Households of EJ communities	* Response from 250+ households		
		* hold quarterly outreach events that are decided on-		* amount carbon reduction	* carbon reduction	* carbon reduction
	* Educate all on heat pumps advantages	could be mailed brochures and then workshops	* Landlords and Tenants	* 25 Landlords show interest	* Landlords of 40% stock show interest	* Landlords of 80% stock show interest
	* Study/educate all on finances of heat pump conversions	* hold quarterly outreach events that are decided on- could be mailed brochures and then workshops	* Landlords and Tenants	* Prove cost savings on landlors and tenant side		
	* coach with interested parties to see if they can convert	* 1:1 Coaching	* Landlords	* Weatherize 50, Hot Water Heaters 25, Convert heat/cool source 15 in year 1	* Weatherize 100, Hot Water Heaters 50, Convert heat/cool source 30 in year 2	
	* coach with interested parties to see if they can convert	* 1:1 Coaching	* Tenants/Households	* Conservation, Dryers, Stovetops		* Indirectly convert appliances and heating systems on their own
			* non-EJ Households	* Visibility with 6,000+ residents		* Create scalable, replicable model

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-The Climate Initiative Narrative Attachment.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

Manifest for Grant Application # GRANT13861889

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 23425 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16034 bytes)

2. Form SF424A-V1.0.pdf (size 23155 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40251 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 16003 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23994 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 44707 bytes)

Attachments Included in Zip File (total 2):

1. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-The Climate Initiative Narrative Attachment.pdf application/pdf (size 133086 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-Other Attachments.pdf application/pdf (size 2876730 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1236-Required Attachments.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Nothing About Us Without Us: Scaling Non-Partisan, Community-Based Climate Action across Geographies	66.312	$	$	$ 500,000.00	$ 0.00	$ 500,000.00
2.						
3.						
4.						
5. Totals		$	$	$ 500,000.00	$ 0.00	$ 500,000.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) Nothing About Us Without Us: Scaling Non-Partisan, Community-Based Climate Action across Geographies	(2)	(3)	(4)	Total (5)
a. Personnel	$ 384,000.00	$	$	$	$ 384,000.00
b. Fringe Benefits	57,600.00				57,600.00
c. Travel	9,400.00				9,400.00
d. Equipment	1,000.00				1,000.00
e. Supplies					
f. Contractual	33,000.00				33,000.00
g. Construction					
h. Other	15,000.00				15,000.00
i. Total Direct Charges (sum of 6a-6h)	500,000.00				$ 500,000.00
j. Indirect Charges					$
k. TOTALS (sum of 6i and 6j)	$ 500,000.00	$	$	$	$ 500,000.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Nothing About Us Without Us: Scaling Non-Partisan, Community-Based Climate Action across Geographies	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 166,000.00	$ 33,000.00	$ 40,000.00	$ 50,000.00	$ 43,000.00
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 166,000.00	$ 33,000.00	$ 40,000.00	$ 50,000.00	$ 43,000.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Nothing About Us Without Us: Scaling Non-Partisan, Community-Based Climate Action across Geographies	$ 166,000.00	$ 167,000.00	$ 167,000.00	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 166,000.00	$ 167,000.00	$ 167,000.00	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: 500000

22. Indirect Charges: 0

23. Remarks: We are waiving a need for indirect charges as part of this application.

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-MLCS EPA problem solving narrative.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-Other Attachments.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	EPA-R-OEJECR-OC	$	$	$ 166.38	$ 0.00	$ 166.38
2.						
3.						
4.						
5. Totals		$	$	$ 166.38	$ 0.00	$ 166.38

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	(2)	(3)	(4)	Total (5)
a. Personnel	$ 55,000.00	$	$	$	$ 55,000.00
b. Fringe Benefits	10,450.00				10,450.00
c. Travel					
d. Equipment	6,000.00				6,000.00
e. Supplies	2,000.00				2,000.00
f. Contractual	60,000.00				60,000.00
g. Construction					
h. Other					
i. Total Direct Charges (sum of 6a-6h)	133,450.00				$ 133,450.00
j. Indirect Charges	32,588.00				$ 32,588.00
k. TOTALS (sum of 6i and 6j)	$ 166,038.00	$	$	$	$ 166,038.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	$	$	$ 16,000.00	$ 16,000.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$ 16,000.00	$ 16,000.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$	$	$	$	$
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$	$	$	$	$

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	$	$	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$	$	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: 133450

22. Indirect Charges: 32588

23. Remarks:

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Manifest for Grant Application # GRANT13862072

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 20084 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16044 bytes)

2. Form SF424A-V1.0.pdf (size 23064 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40371 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15914 bytes)

5. Form SF424_4_0-V4.0.pdf (size 24039 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37080 bytes)

Attachments Included in Zip File (total 3):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-Required Attachments.pdf application/pdf (size 4923679 bytes)

2. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-MLCS EPA problem solving narrative.pdf application/pdf (size 245511 bytes)

3. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1235-MLCS EPA Logic model and detailed budget.pdf application/pdf (size 243179 bytes)

MLCS Logic Model: EPA EJ Problem Solving

Resources/Inputs	Activities	Outputs	Audience	Short-term Outcomes	Intermediate Outcomes	Long term Outcomes
Year 1 -Phase 1 Build the project team, grow community capacity, and develop leaders						
Core Project partners: MLCS, Neighbors United for a Better East Boston (NUBE), Mutual Aid Eastie (MAE), Community volunteers Steering committee of partners NEWMOA City, state, and federal stakholders	Identify a team of 12 community leaders from vulnerable communities in East Boston, a peninsular community. Identify a leadership development CPS model participants to support issue identification, build consensus, facilitate strategic goal setting and leadership development. Through constructive engagement that involves a broader group of residents, the team develops a consensus driven community and coastal resiliency vision that leverages stakeholder partnerships & resources Engage leadership and community in coastal and community resiliency education to develop coastal and community stewardship and emergency preparedness. Engage project team in social and emotional resiliency support, education, and resources.	An equitable grassroots-driven process is developed Resilient leadership reflects most vulnerable community Equitable process is supported Project team committed to community resiliency planning and acting as stewards of our community and coastlines.	Core community partners City and state leaders Community and coastal resilience and emergency preparedness experts City and state community and coastal resiliency officials	Leadership from vulnerable communities is fostered and supported in language of origin (Spanish).	Project team develop skills and knowledge in community and emergency preparedness	Project team lays the ground work for developing a plan that furthers coastal and community resiliency for most affected and vulnerable communities.

MLCS Logic Model: EPA EJ Problem Solving

Dr. Atyia Martin	Engage team in and emergency preparedness education	Project team prepared to do community preparedness trainings in year 2 and 3				
Year 2 - Phase 2 and 3: Assess and Map Vulnerability and Services of Current HUB						
Core project partners Community volunteers Advisory Partners Paid simultaneous translators NEWMOA OTA City, state, and federal stakeholderrs	Using problem solving model, leadership team works together to assess and map vulnerabilities, key services, and to assess current services available though ML as a HUB Technical assistance about hazardous waste dangers provided to core team to help map community problem areas. And an East Boston profile is developed Assessment process includes first responders, local and state government, expertise from resilient power and facilities experts Assessment includes facilities, food and housing services, health care, utility, and other key emergency response services.	Holistic plan that reflects equitable process and planning to best serve most vulnerable community during times of disruption and recovery is developed	Core community partners City and state leaders Community and coastal resilience and emergency preparedness experts City and state community and coastal resiliency officials and experts	Quarterly benchmarks are being met	Evaluation process demonstrating growth in skills and abilities of leadership and youth teams	Planning process is developing with working plan in process and continually updated A group of leaders who can represent the community most affected is developed

MLCS Logic Model: EPA EJ Problem Solving

	Project team promoting coastal and community resiliency and education and leading community engagement sessions where they share maps and conduct emergency preparedness trainings.					
Year 3 – Phase 3 and 4: Evaluate Identify Community Resiliency Solutions						
Public housing residents (Maverick Landing, Shore Plaza) Neighbors United for a Better East Boston (NUBE) Mutual Aid Eastie resident group City of Boston resiliency manager	Engage 12 community resiliency promoters from vulnerable communities (immigrants/public housing residents, youth) in multi-year community resiliency mapping and planning process to identify vulnerable structures and to develop a resource and communications plan to address	A total of 24 meetings per year (bimonthly) 5 meetings dedicated to buildings and structure resilience (mitigating inland flooding, sea level rise, extreme heat and resident injury or illness as a result of these natural hazards)	20 community resiliency promoters Owners of businesses,s	Quarterly benchmarks are being met	Evaluation process demonstrating growth in skills and abilities of leadership and youth teams	Planning process is developing with working plan in process and continually updated A group of leaders who can represent the community most affected is developed

MLCS Logic Model: EPA EJ Problem Solving

HUD citizens participation tookkit		A communications plan to reach owners and residents living in vulnerable structures (businesses, multi family, homes with information about what they can do to make their buildings more resiliency and where to access resources.				
Community members Existing data and assessments (EJ screening tools and maps)	Develop & map inventory of climate and socially vulnerable businesses, multi-family homes/ and other structures and make plan for communicating necessary climate mitigation information and health risks	1-2 experts engaged in community process every quarter. At least 12 community leaders and Youth	Community residents and local leaders Local experts on environmental risks	A short list of vulnerable structures/ areas is developed and contact is made with owners	Increased community awareness of the vulnerability of structures that house people and businesses	Changed economic conditions as businesses and home owners in East Boston peninsula have knowledge

MLCS Logic Model: EPA EJ Problem Solving

		Community Corps of 20 from vulnerable communities engaged in bimonthly meetings to develop map using equitable community problem solving		renters, and other community members. Community develop awareness of the structural vulnerabilities of their buildings and health risks	and risks to their health	and equitable access to resources that support adaptation of physical structures where they own and rent and know about emergency preparedness

Other activities not reflected in logic model

- Monthly Steering Committee Meetings Monthly
- Planning efforts – weekly meetings with cohort and Facilitator/PM
- Participatory Evaluation process driven by community and supported by evaluator – Mary Skeleton Roberts
- At least 1 -2 experiential community field trip per month as part of planning process
- Quarter reporting
- Weekly Youth-led social media and documentation efforts with social media tracking
- Ongoing participatory measures tracking led by cohort and youth

APPENDIX F EJCPS Budget Year 1

	Year 1	
Personnel	55,000	Yearly Salary for Youth Resiliency Cohort Youth Director
Fringe	10,450	Calculated at 19 percent
Travel		
Equipment	6,000	Translation Headsets (25) year 1 Computers/Ipads for cohort and youth leaders in year2 and 3
Supplies	2,000	Materials Printing, paper
Contractual	60,000	30,000 PM & Facilitator 20,000 NUBE 20,000 MAE 12,000 VROCC NEWMOA 12,500 New
Total Direct	133, 450	
Indirect	32,588	
Totals	166,038	166,038

Year 2: 166,038

Year 3: 166,038

TOTAL: 498,114

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1234-501+w9 copy.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	66.306	$ 0.00	$ 0.00	$ 500,000.00	$ 0.00	$ 500,000.00
2.						
3.						
4.						
5. Totals		$ 0.00	$ 0.00	$ 500,000.00	$ 0.00	$ 500,000.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	(2)	(3)	(4)	Total (5)
a. Personnel	$ 199,000.00	$	$	$	$ 199,000.00
b. Fringe Benefits	29,800.00				29,800.00
c. Travel	0.00				0.00
d. Equipment	80,745.45				80,745.45
e. Supplies	14,000.00				14,000.00
f. Contractual	110,000.00				110,000.00
g. Construction	0.00				0.00
h. Other	21,000.00				21,000.00
i. Total Direct Charges (sum of 6a-6h)	454,545.45				$ 454,545.45
j. Indirect Charges	45,454.55				$ 45,454.55
k. TOTALS (sum of 6i and 6j)	$ 500,000.00	$	$	$	$ 500,000.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$	$	$	$	$
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$	$	$	$	$

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)			
	(b)First	(c) Second	(d) Third	(e) Fourth
16. Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	$	$	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$	$	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges:

23. Remarks:

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Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1242-Environmental Justice Collaborative Agreement Nar

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

1.0 PROGRAM OBJECTIVES

a. Project Summary Page

Project Title: Leveraging Pandemic Response Networks and Social Cohesion to Develop a Community Resiliency HUB and Emergency Response Plan for Disadvantaged[i] Communities in East Boston

Project Location: East Boston MA 02128

Applicant Information: Maverick Landing Community Services (MLCS), 31 Liverpool Street, East Boston MA 02128/Main Contact: Rita Lara

Brief Description of Applicant: Founded in 2007, Maverick Landing Community Services (MLCS) has been building an equitable community by uplifting and supporting families and promoting community health in East Boston. MLCS has restored its comprehensive array of supportive family and youth services to pre-pandemic levels while also addressing new needs for services such as a housing support and evictions prevention station it operates in collaboration with NULawLab and a Northeastern Law School evictions defense team In 2020 MLCS pivoted to massive food distribution by tapping into food rescue networks and opening four weekly food markets delivering over half a million pounds of rescued dairy and product at its peak of Covid response operations, becoming the city of Boston's 2020 Community Champion, and to date continues to distribute over 250,000 pounds of diary and produce. By seizing opportunities, doubling its pre-pandemic budget and establishing new collaborative partnerships MLCS has forged its brand as a leader in community resiliency and emergency response.[ii]

Applying to Small CBO Track: No

Project Abstract:

East Boston, a peninsular community[iii] where Maverick Landing the housing development where MLCS is based, surrounding Maverick Square and the waterfront will be largely underwater in the 2070 projected flood maps[iv], is home to Boston Logan International airport which emits thousands of pounds of pollution daily and recently located a substation; it poses environmentally threats that affect the public health of East Boston residents, a majority of whom – 58% are Latino. No comprehensive mapping of the impact of these issues on East Boston's disadvantaged populations exists. The proposed project will build on the existing resiliency network cultivated by core community partners through the pandemic response work over the last three years to facilitate an environmental community problem solving model that identifies a community cohort of 12 community leaders and a youth community resiliency corps of 20 who will participate in an Environmental Justice Collaborative Problem-Solving (EJCPS) to identify and address environmental justice issues that impact community health. The project primary goal is to build and develop a strong leadership cohort that reflects the community, deepens understanding of environmental threats, and effectively engages the broader community in a three year planning process that results in a final

community resilience and pandemic response plan that centers the needs of those whose health are most likely to be disparately impacted by environmental threats.

Project Type(s): A Special Consideration project: health assessment/climate impact

Environmental Issue: flooding, air quality, and chemical hazards

List of Project Partners: Neighbors United for a Better East Boston, Mutual Aid/*Apoyo Mutuo* Eastie (community), Veronica Robles Cultural Center (VROC) (Community-Arts and Culture), Northeast Waste Management Officials Association (Nonprofit Technical Assistance Provider), Office of Technical Assistance and Technology at the Massachusetts Executive Office of Energy and Environmental Affairs (state government); NuLawLab (academic); City of Boston (city government)

b. Environmental and Public Health information of the Underserved Community

Who is the community comprised of and what are the disproportionate environmental and/or public health issues they experience?

The disadvantaged community we seek to support through this targeted emergency preparedness and resiliency-building effort are: 1) residents in public housing who are already impacted by chronic health conditions that shorten lifespan[v] and 2. Latino immigrant communities who are largely living in dangerously overcrowded housing in East Boston.

In Maverick Landing there 1,000 people residing in 402 units in Maverick Landing and in East Boston and in nearby Shore Plaza there are 380 units housing an additional 800 residents. For residents in public housing who are living with many chronic health conditions and experience early mortality, the environmental hazards can have a severe impact.[vi]

Both of these communities are experiencing food and housing[vii] insecurity that are well documented social determinants to health. Ongoing housing and food insecurity are chronic stressors that lead to higher levels of cortisol, sleepless nights, shortened life expectancy and deep level of anxiety and depression. In Boston, Latinos and Blacks experienced the highest levels of food insecurity during the pandemic.[viii]

For example, asthma and respiratory illnesses are of particular concern for both residents as well as hypertension[ix] which damages blood vessels and can harm kidneys, exacerbate diabetic conditions and lead to heart attack stroke or aneurism. There are significant racial disparities among groups who have these conditions. Living near an airport exacerbates these conditions. Children in East Boston are more likely to have Asthma than those living elsewhere and among the Latino population racial disparities in Asthma are well documented.[x]

For immigrants who Latino represent 58% of the East Boston population the environmental hazards are exacerbated by asthma triggering housing conditions.[xi] The

dangers were evidenced in East Boston where Covid infections spread faster than in East Boston than in other communities.[xii]

Flooding is also a concern in East Boston. While there is limited research on the health impacts of flooding specifically among immigrant and public housing residents in East Boston, a study published in the Journal of Public Health Management and Practice found that flooding can have a range of negative health effects, including injuries, infectious diseases, and mental health issues.[xiii]

What are the Environmental Issues that the Project Seeks to Address?

East Boston is a state-designated Environmental Justice Community with a long history of pollution and environmental burdens for flooding, air quality in particular and other potential hazards from industrial accidents or improper storage of hazardous elements

The communities we will be working with reside in East Boston is a peninsular community that appears fully flooded by 2070[xiv] in the area surrounding Maverick Landing, Maverick Square and the waterfront fully flooded due to sea-level rise, coastal storm surge, increased heavy rains, and overwhelmed storm water systems with wastewater that can lead to waterborne illnesses among other accidents. It is home to Boston Logan International airport which emits thousands of pounds of pollution daily; and will be home to a recently sited substation owned by Eversource and adjacent to tidelands that will be subject to flooding in the near future.

On social vulnerability mapping done by the Metropolitan Area Planning Council (MAPC) is a study[xv] of social vulnerability in Greater Boston US Census data across six categories related to social vulnerability: age, race, disability and referenced in the City of Boston 2021 Natural Hazard Mitigation Plan update, In this study, English language proficiency, and income was analyzed and East Boston was among **highest concentrations of climate vulnerable populations.**

EPA's EJSCREEN tool was utilized. According to the tool, large swaths of East Boston, particularly in Maverick Square and Central Square show diesel particulate matter in the 95th to 100th percentile or in the 90th to 95th percentile. Diesel particular matter would exacerbate chronic conditions disparately impacting Latinos and residents in public housing. Air toxics cancer risks are in the 90th to 95th percentiles or 80th to 90th percentiles in Maverick Square, Central Square near Shore Plaza and in Eagle Hill sections of East Boston where there are many Latino residents living in overcrowded conditions and adjacent to industries that are a source of pollutants. Hazardous waste is also in the 90th to 95th percentiles or just below, as is wastewater discharge.

Beyond the dangers caused by very poor air quality or water borne illnesses and trip hazards as the neighborhood succumbs to flooding, over the last 5 years several chemical-related hazards have impacted the community, the most notable, a Level 3 Hazmat incident in the East Boston fire station in 2021 found high traces of Hydrogen cyanide and Hydrogen sulfate in the air.[xvi]

How Project Relates to Special Factors (Section V)

The proposed project will be completely led by the most adversely and disparately impacted communities in East Boston using an EJCPS model and by a facilitator and project manager who understand racial disparities and social determinants to health as well as how environmental injustices impact those outcomes.

Disadvantaged communities have not been centered in this kind of planning in East Boston nor in most neighborhoods and this is partly due to the lack of diversity of EJ organization leading these efforts. While these trends have been changing according to the Green 2.0 Report Card[xvii], a measure of diverse representation in EJ organizational staff, leadership and board, this has not been the case in East Boston, a community whose residents population is 58 percent Latino. Community resiliency events led by many the local EJ organizations are primarily not reflective of this majority nor are they attended by many of the Latino resident population.

This level of equitable planning has not taken place in East Boston and as we move through the pandemic, it is now more critical that we 1. Deepen our understanding of the intersectional nature of the various hazards and their impact on the health of the most disadvantaged people in East Boston whose health and housing conditions have worsened post pandemic by rising housing costs and displacement.[xviii]

c. Organization's Historical Connection to Underserved Community

Since the onset of the pandemic, MLCS has also worked closely with MAE and NUBE to address food and housing insecurity, serving as a HUB in these areas for the most disadvantaged populations in East Boston.

At the onset of the pandemic, MLCS worked with underserved community residents involved with the partnering organizations on this project to address pandemic-related issues. During the pandemic we worked with these partners to support vaccine outreach efforts, supporting 4 vaccination clinics and a social medial campaign led by youth and focused on dismantling disinformation and educating the community about the benefits of vaccination. We also worked the partners on this project to address food and housing related issues as they emerged during the pandemic. We in effect, began the process of creating an ad hoc community resiliency HUB and network. We characterize it as pandemic-driven community resiliency in action. We were responding to community crisis as East Boston has consistently had among the highest Covid counts in Boston during each pandemic wave.

Over the last two years it has also focused on supporting digital skills capacity building for MAE and NUBE community leaders through a grant from the Executive Office of Housing and Economic Development (EOHED) that funds a 6-month long Spanish digital literacy effort to where community leaders develop their digital skills including digital storytelling and GPS tools to support access to tools that help the community to conduct critical research and shift narratives that support socio environmental

educational efforts in the community. In June 2023, we will have graduated over 45 immigrant Spanish speaking community leaders from the digital literacy skills program. They are all people who live in East Boston or in Maverick Landing or Shore Plaza housing developments. They are all Latino immigrants. If funded, we expect to draw leaders from that training for the proposed three-year cohort on this project.

This summer MLCS will be hosting 38 youth, paid for by the city of Boston and working with the same constellation of partners on this project. This core group of young people will be the pool from which we will draw our youth resiliency corps members on this project. By the time funding is announced, they will be seasoned, having spent the summer working with the network of partners. The vast majority of these youth will likely be Latino.

MLCS will also be working with local partners to develop a community visioning process with project partners under a newly awarded $16,000 planning grant from the United Way that will be announced at the end of April 2023 and that will be six months underway if this request is awarded and that will be used as a strong launching pad for this proposed project.

We have been committed to building the capacity of Latino leaders in East Boston to support skill-building, self-determination continue building the capacity of this resiliency network over the next three years as we have done so over the last three, to better address environmental and public health inequities in East Boston, build leadership that reflects the most affected community, be active in resiliency building work and plan for an East Boston where vulnerable communities are leading the efforts to prepare for climate mitigation and future environmental and emergency disruption that disparately impact their health.

MLCS has also worked with technical assistance partners NEWMOA on a past EPA grant that focused on Zero Waste Food education led by youth and community partners and resulting in increased knowledge about sustainable food systems as well as a highly successful sustainable food day event which we have incorporated into our regular array of spring and summer events and hold every August.

Community Driven Participation

Living in East Boston and representing the community you seek to drive participation as well as commitment to community-led participatory processes is critical to the success of this project and reflects how MLCS implements all of its programs, services, and projects. Everyone on this project from PM to staff at MLCS, MAE, and NUBE live in East Boston, are Latino and speak Spanish. The evaluator on this project is also a Spanish-speaking Latina. We all understand the important of a community-driven relationship and participatory process.

The underserved community's residents and organizations have been working together through previous pandemic waves to support the response of MLCS as a community

resiliency hub providing essential services to address food and housing needs and much of this has been community led.

The core project partners will begin working together to develop a visioning process as this request is being decided. The community visioning process is already being supported by a $16,000 grant from the United Way, and if this EPA request is awarded, that process will be six months underway and provide a core foundation for this project. This process too will be community led.

EJCPS Model

The Environmental Justice Collaborative Problem-Solving (EJCPS) Model is an approach to problem solving that focuses on identifying and addressing environmental justice issues in communities.

The model involves the following seven elements: Problem identification and analysis, building collaborative partnerships, public involvement and community outreach, development of collaborative solutions, implementation of collaborative solutions, measuring success and progress, revisiting and re-Evaluating the collaborative Process.

In the context of the project for East Boston, the EJCPS Model will be used to identify vulnerabilities and develop resiliency plans for disadvantaged communities in the area. This work will include all project partners, the leadership cohort, the youth resiliency corps and will be supported by technical assistance providers NEWMOA and OTA and facilitated and managed by the PM.

There will be at least 2 large educational events per year to update the community about progress made to date in large in person venues supported by Veronica Robles Culture Center, a community partner that for over a decade has run the largest Day of the Dead festival on the East Coast. It will also include quarterly media updates on radio, podcasts, and in Spanish Language media El Mundo. These spots will also be secured by VROCC. These events will be used to continue building public involvement and reaching the targeted community.

The process will involve engaging with community members to identify their needs, concerns, and priorities related to emergency preparedness and climate adaptation. These points of engagement are delineated in the monthly timeline included in this proposal. Year 1 will focus on developing leadership, building knowledge, and supporting the cohort of leaders and youth resiliency corps to identify the problems facing disadvantaged community members and to work towards identifying solutions and conducting outreach to gain knowledge and to identify community-driven solutions. This will be an iterative three-year process managed by the Facilitator and Project Manager

This will include conducting outreach to vulnerable populations, such as immigrants and public housing residents, The leadership team itself will be comprised of leaders from

the affected vulnerable populations and will come from NUBE, MAE, and local public housing developments as well as youth. They will be drawn from the digital literacy classes to ensure we continue to build capacity and leadership and have the ability to support a community-led process that is well facilitated. This will ensure their perspectives are incorporated into the planning process and that the right networks will be reached.

Additionally, the EJCPS Model will involve working with technical assistance partners to identify hazards and assess vulnerabilities to disadvantaged communities in East Boston and using knowledge gleaned to develop outreach materials and a support education and engagement in the environmental issues that most impact people's health as well as how they can protect and prepare themselves in order to sustain their health. The EJCPS Model will guide the project team in developing solutions that are tailored to the unique needs of the community, ensuring that the resiliency plans take into consideration the specific hazards of the area, including being adjacent to a local airport, a substation, and smaller industries that may pose chemical hazards and potential disruptions and dangers in the case of any kind of emergency.

Through this collaborative approach, the project aims to build community capacity to prepare for and respond to climate-related disruptions and emergencies and continue strengthening and building a strong community-led HUB of support.

e. Project Linkages: Briefly describe how the project supports EPA Goal 2: Take Decisive Action to Advance Environmental Justice and Civil Rights Obj 2: Embed Environmental Justice and Civil Rights into EPA's Programs, Policies, and Activities

This project advances environmental justice by developing a project that centers the people in East Boston who will be most affected by climate change and who are the majority of residents in the community but who are not reflected in political nor EJ organizational leadership. This project will also greatly grow EPA local program leadership through its leadership development and activities. Any policies that emerge from this three-year process would most certainly reflect the goal to advance Environmental Justice in East Boston and at other levels of community leadership and potentially governance.

f. Partner and Collaborators

As a founding organization of the Mutual Aid Eastie network, MLCS[xix] has sustained the pandemic response network through regular events at Maverick Landing, such as food distribution and community-building activities as well as through a series of pop up events throughout East Boston focused on creating belonging and joy through arts and culture while also providing critical services and information about environmental hazards and the dangers of overcrowded housing. The network was connected through texts, phone calls, monthly peace circles and a series of spring and fall pop up events providing essential services and resources and family entertainment and fun. The success of this model helped to establish a foundation for the development of a more

formal community resiliency network, which can be expanded to address other issues, such as climate adaptation and emergency preparedness. By leveraging the existing network and partnerships developed through pandemic response work, MLCS can continue to engage vulnerable communities in the East Boston area to promote collective resiliency and address environmental justice issues.

The community resiliency hub will continue to strengthen and develop through this planning effort will provide a platform for community members, especially those from disadvantaged backgrounds, to work together and develop a climate adaptation and emergency preparedness plan that aligns with city and state plans and that meet the unique needs of East Boston's disadvantaged residents. The hub we work together to develop will also serve as a resource center for education, outreach, and training on emergency preparedness and climate resiliency. This proposal outlines the goals, activities, and milestones of the project.

The weekly planning process led by a steering committee of core partners will consider the hazards of their overcrowded housing and poverty, as well as local hazards such as the nearby airport and electrical substation.

Community Partners

Community partners Neighbors United for a Better East Boston (NUBE) is a civic education and engagement organization targeting disadvantaged and under-reached voters and boasts a 42 percent voter response rate. Mutual Aid Eastie Both will build on their *vecino* or neighbor to neighbor models and their strong reach in disadvantaged communities in East Boston. Both of these have played a central role in pandemic response over the last three years. To support strong culturally competent media and reach we will also work with the Veronica Robles Cultural Center as a media and events partner who reaches over 10,000 community residents per year through a series of cultural events and media.

Technical Assistance

NEWMOA is a non-profit, non-partisan, interstate association whose membership is composed of the state environment agency programs that address pollution prevention, toxics use reduction, sustainability, materials management, hazardous waste, solid waste, emergency response, waste site cleanup, underground storage tanks, and related environmental challenges in Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Rhode Island, and Vermont. NEWMOA also works collaboratively with non-member states on issues and programs of national importance.

This project will engage a planning committee of East Boston residents in a problem-solving process that deepens leadership and understanding from vulnerable communities and results in the development of a community-· informed East Boston HUB resiliency plan (see support letter for full scope)

The Massachusetts Office of Technical Assistance (OTA)

Created by the 1989 Massachusetts Toxics Use Reduction Act (TURA), the Massachusetts Office of Technical Assistance (OTA) provides free and confidential toxics use reduction and pollution prevention assistance to Massachusetts manufacturers and businesses. Our scope of services includes incorporating chemical safety into climate change and severe weather resiliency planning to reduce the risk of industrial accidents. OTA has provided trainings for first responders and businesses to identify climate change vulnerabilities and chemical risks. When called upon during this effort, OTA will partner with NEWMOA to offer services within our agency scope (See letter)

Public Partners

The city of Boston, state partners such as OTA, and our local state representative constitute our public partners to date and have all submitted support letters, having agreed to support the project with linkages to other vital agencies and organizations.

2.0 Project Activities / Milestone Schedule / Detailed Please describe the following:

a. Project Activities and b. Milestone Schedule

Goals, Activities, and Milestones

Year 1 - Phase 1: Build the Project Team, Grow Community Capacity, and Develop Leaders

Year 2 - Phase 2 Assess Vulnerability and Select HUB Service Sites

Year 3 - Phase 3 and 4: Identifying and Understanding how to Resource Collective Community Resiliency

*A monthly steering committee meeting of leadership cohort and project partners facilitated by the Project Manager (PM) is an assumed activity. Evaluation activities as designed in participatory process by Mary Skelton Roberts, evaluator is also assumed.

Year 1 - Phase 1: Build the Project Team, Grow Community Capacity, and Develop Leaders, and Problem Identification.

Month 1-3:

Develop 3-month ramp up plan for starting up EPA award with guidance from program officers and compliance and observation of all regulatory requirements.

Onboard PM and facilitator (see bio sketch) who will train a group of 12 community leaders and a youth resiliency corps in East Boston from climate-affected disadvantaged populations.

Conduct initial meetings with local organizations such as Neighbors United for a Better East Boston, Mutual Aid Eastie to identify and select participants for the project.

Provide leadership development training for the CPS model participants to support issue identification, build consensus, facilitate strategic goal setting and leadership development.

Organize and conduct a series of focus groups with the 12 local community leaders first to discuss neighborhood risks and vulnerabilities (from their perspective).

Identify and secure social and emotional resiliency support, education, and resources for the project team.

Host soft launch event to share project plans and gather community input

Develop a documentation and social media plan for youth resiliency corps year 1

Month 4-6:

Through constructive engagement that involves a broader group of residents, the team develops a consensus-driven community and coastal resiliency vision that leverages stakeholder partnerships & resources and build on its existing visioning process. Our group of partners will have begun this process at the start of this project should it be funded.

Engage leadership and community in coastal and community resiliency education to develop coastal and community stewardship and emergency preparedness.

Develop a TOT training with leadership cohort that would train them how to help build household resilience and emergency preparedness with the people they engage with in their respective groups and organizations.

Conduct a series of site visits with these leaders around East Boston to areas that are considered environmentally vulnerable leadership knowledge on climate impacts, health hazards and what resilience measures existing plans are addressing and where there is a gap.

Month 7-9:

Engage project team in social media campaigns designed to engage community members in the three-year planning process.

Provide additional technical assistance about hazardous waste dangers to core team to begin mapping community problem areas.

Conduct a series of site visits to identify together the infrastructure that East Boston currently has, such as to existing emergency designated shelters.

Conduct a series of community-building activities in Maverick Landing and one other public housing development to discuss climate resilience, social vulnerabilities, and existing resources vs resources that are lacking to better understand needs of disadvantaged communities in East Boston

Month 10-12:

Leadership team works together to assess and continue map vulnerabilities, key services, and to assess what would be needed to create a stronger HUB site

OTA training to leadership cohort on use of flood mapping tools

Conduct a series of site visits to identify together the infrastructure that East Boston currently has, such as to existing flood areas and to emergency shelters.

Yearly festive event to share updates to date on project with community and to receive community feedback.

Year 2 - Phase 2 Using the Date to Assess Vulnerability

Month 13-15:

Facilitate 2 focus groups with the 12 local community leaders to discuss neighborhood risks and vulnerabilities from their perspective.

Engage local government and first responders to provide input on hazard identification and potential service site locations.

Train the leadership cohort in building household resilience with the people they engage with in their respective groups and organizations and gather qualitative data.

Develop a documentation and social media plan for youth community resiliency corps year 2

Month 16-18

Conduct a technical assistance session with NEWMOA to map out the community hazards and identify areas of concern with NEWMOA developing a profile of chemical and other disruptive hazards specific to East Boston.

Conduct site visits with these leaders around East Boston to areas with stakeholders that are considered vulnerable to flooding and sea level rise to support leadership knowledge on climate impacts and what resilience measures existing plans are addressing and where there is a gap.

Conduct site visits to identify together the infrastructure that East Boston currently has, such as to existing emergency designated shelters.

Conduct site visits to sites and designations that post a hazard in the community profile developed by NEWMOA.

Promote coastal and community resiliency and education deliver 2 community engagement session where the East Boston profile is shared and community feedback is secured.

Month 19-21:

Assess and map vulnerabilities and key services to strengthen HUB site at Maverick Landing in East Boston

Provide technical assistance to the project team about hazardous waste dangers to continue mapping community problem areas and sharing findings with community.

Assess facilities, food and housing services, health care, utility, and other key emergency response services.

Month 22-24:

Work with OTA to provide training to local businesses about storage and maintenance of hazardous chemicals in the case of disruptive emergencies.

Continue promoting coastal and community resiliency and education and lead community engagement sessions where they share maps and conduct emergency preparedness trainings.

Conduct a site visit to another city that is a good example of a climate resilient HUB.

Year 3 - Phase 3 and 4: Identifying and Understanding how to Resource Collective Community Resiliency

Month 25-28:

Conduct a review of best practices for developing urban HUBs for community resiliency, including talking to experts on developing HUBs and understanding the service and facilities needs for community resiliency hubs

Assess the current resources and potential funding streams for developing community resiliency hubs in East Boston, including researching Federal (HUD) and State funding opportunities

Host at least 1 community events to receive input from the community about planning efforts to date and the proposed community resiliency hubs

Engage community leaders and stakeholders in developing a detailed plan for the development of community resiliency HUB at Maverick Landing, including identifying potential locations and needed facilities and services for an urban HUB campus.

Finalize the plan for developing East Boston service and facilities community resiliency hubs, including cost estimates and a timeline for implementation

Develop a documentation and social media plan for youth resiliency corps year 3

Month 33 to 36

Host a press release event to announce the final plan for the development of community resiliency HUB and urban campus of HUBS in East Boston

Conduct a community celebration event with city and state officials to share the final plans and celebrate the accomplishments of the project

Publish and disseminate final plan.

Hold a community forum to discuss the findings and recommendations, and to solicit feedback from residents, community leaders, and local officials.

3.0 Environmental Results – Outputs, Outcomes, and Performance Measures (Logic Model)

a. Environmental Results Logic Model (see attached)

b. Performance Measurement Plan

Performance measurement is essential for tracking the progress of the project and ensuring that the objectives are being achieved. Here's a breakdown of performance measurement plan by year:

Year 1:

Number of community leaders and youth trained in the CPS model for climate adaptation and emergency preparedness plan development.

Number of events and workshops held to educate the community on coastal and community resiliency.

Number of adults and youth engaging in expeditions to environmental sites of concern.

Number of youth and adults receiving emergency preparedness training

Number of youth engaged in social media campaigns to promote community engagement in planning process.

Number of stakeholder partnerships established for resiliency vision development.

Number of community and youth leaders provided with social and emotional resiliency support and resources.

Number of environmental education and emergency preparedness trainings

Year 2:

Number of vulnerabilities mapped and assessed with technical assistance from NEWMOA and OTA.

Number of assessments conducted with first responders, local and state government, and facilities experts.

Number of community engagement sessions conducted for sharing maps and conducting emergency preparedness trainings.

Number of leadership cohort trained to build household resilience with training modules.

Number of site visits conducted with community leaders to vulnerable areas of East Boston to increase knowledge on climate impacts and existing resilience measures.

Number of environmental education and emergency preparedness trainings

Year 3:

Number of community resiliency promoters from vulnerable communities engaged in the multi-year mapping and planning process.

Number of businesses, multi-family homes, and other structures inventoried and mapped.

Amount of funding secured for facilities resiliency assessment and related capital expenses.

Number of community events held to receive input on planning efforts to date.

Number of press release events held to share final plans with city and state officials.

Additionally, the following indicators can be used for measuring the overall success of the project:

Number of environmental education and emergency preparedness trainings

Increased community engagement and participation in planning process.

Improved resiliency knowledge and awareness among community members.

Increased number of resiliency resources available to vulnerable communities.

Increased preparedness for climate-related disruptions and emergencies.

Increased stakeholder partnerships for resiliency planning and implementation.

Increased access to funding and resources for resiliency planning and implementation.

c. Sustainability Plan and Community Vision

MLCS has consistently managed a healthy budget through the pandemic due to a strong internal fundraising team. We will incorporating sustainability planning into the United Way visioning process for the collective work of the community partners on this project. That work will begin next month after the award has been publicly announced.

4.0 Programmatic Capability

a. Organizational Experience related to the proposed project

The lead organization for this project is the Maverick Landing Community Services (MLCS). During the COVID-19 pandemic, MLCS served as a primary service HUB and was recognized as the city of Boston's 2020 community champion by the city in partnership with the Mayor's Office for Immigrant Advancement.[xx] MLCS, located in a housing development that is 77 percent subsidized and in the heart of the densest area of East Boston, delivered over 500,000 of food to East Boston through four markets[xxi] and assessed over 1,000 families for housing insecurity, helped over 250 families to stay in their homes with assistance from its housing lab available to all residents in East Boston and operated in collaboration with a housing support coalition that includes partners such as NULawLab a legal design institute based out of Northeastern and the newly developed Northeastern Law School clinic. MLCS has supported over 3,000 families through every Covid wave of pandemic disruption with direct aid, access to vaccination through onsite pop-up vaccination clinics, support for housing, and food distribution. MLCS has acted as HUB for disadvantaged East Boston residents with the ability to recover and resume daily operations in between and during rapid response. MLCS is well positioned to continue serving as a HUB for future climate adaptation or emergency disruptions.

Together in partnership with core partners MAE and NUBE, MLCS has built an organic community resiliency network that connected neighbors most affected by the pandemic. Operating like an impromptu HUB model, MLCS served as a primary resource for distributing food, adapting its 2,000 square foot community room and adjacent 1,000 square foot makerspace a food artery that delivered over 500,000 lbs. of healthy produce and core staples like beans and rice to families at over 4 markets in 2020

alone, and currently delivers over 200,000 lbs. each year. MLCS is also currently a lead members of the housing support coalition in partnership with NULawLab, an innovative legal design institute based in Northeastern. Through this work a housing legal clinic that is currently operating out of Northeastern Law School with a satellite housing station at MLCS, the only one of its kind in East Boston.

MLCS finance team is prepared to manage this grant. It currently manages a three-year HUD-ROSS self self-sufficiency grant and is in year 2 of that project. Its finance team is comprised of a part-time finance director, a part-time billing specialist, a part-time bookkeeper and a full-time executive director.

b. Staff Experience and Qualifications of Project Manager (PM).

Dr. Luna has extensive experience in managing and facilitating projects that aim to address environmental justice issues through the implementation of the Environmental Justice Collaborative Problem-Solving (EJCPS) Model. Her work is grounded in the principles of community-based participatory research and focuses on building the capacity of vulnerable communities to identify and address environmental and public health concerns. Dr. Luna has worked on numerous projects that involve community outreach, education, and capacity building, such as developing community resiliency plans for disadvantaged communities in East Boston, and building coalitions to address environmental justice issues in the Gulf Coast region. Her approach to project management emphasizes collaboration and inclusivity, and she has a proven track record of successfully engaging and empowering diverse communities to work towards common goals with her expertise in the EJCPS model, Dr. Luna lives in East Boston and is a member of MAE and has known all the community partners for just under a decade. Dr. Luna has served in formal and advisory capacities to community-based organizations, foundations, and public institutions on a variety of racial equity issues.

Kaylee Aguilar will lead the youth resiliency corp. She vast experience supporting strong leadership development. Two of those years were focused on supporting youth-led community resiliency in flood-related climate change mitigation efforts. Her resume is included in the appendix.

Mary Skeleton Roberts is a seasoned evaluator and former program officer at the Barr Foundation.

Dr. Atyia Martin former chief of emergency preparedness for the city of Boston will conduct emergency preparedness training.

c. Expenditure of Awarded Grant Funds

5.0 Past Performance: MLCS has not been the past recipient of an EPA grant but was a subcontract in partnership with NEWMOA on a previous EPA grant on sustainable food.

6.0 Quality Assurance Project Plan (QAPP)

A quality assurance plan is not required for this project but will ensure good progress monitoring to ensure our monthly targets are being met in an efficient and effective manner. We are also willing to supply a quality assurance project plan should the EPA decide we need to have one in place.

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[i] The term disadvantaged includes the following populations in East Boston: immigrant populations especially those with lack of language access to documentation that is mostly in English; populations living in subsidized housing, many of whom experience complex poverty trauma and are living with chronic conditions that are exacerbated by environmental injustices.

Note: Research supports public housing residents typically have a much lower life expectancy increasing their risk for sickness and early mortality form added environmental injustices that impact health.

Seng JJB, Kwan YH, Goh H, Thumboo J, Low LL. Public rental housing and its association with mortality - a retrospective, cohort study. BMC Public Health. 2018 May 29;18(1):665. doi: 10.1186/s12889-018-5583-6. PMID: 29843652; PMCID: PMC5975624.

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[iii] Encyclopedia Britannica. (n.d.). Boston. In Encyclopedia Britannica. Retrieved April 14, 2023, from https://www.britannica.com/place/Boston

[iv] City of Boston. (n.d.). Climate Ready Boston map explorer. Retrieved April 14, 2023, from https://www.boston.gov/departments/environment/climate-ready-boston-map-explorer

[v] Seng JJB, Kwan YH, Goh H, Thumboo J, Low LL. Public rental housing and its association with mortality - a retrospective, cohort study. BMC Public Health. 2018 May 29;18(1):665. doi: 10.1186/s12889-018-5583-6. PMID: 29843652; PMCID: PMC5975624.

[vi] Seng JJB, Kwan YH, Goh H, Thumboo J, Low LL. Public rental housing and its association with mortality - a retrospective, cohort study. BMC Public Health. 2018 May 29;18(1):665. doi: 10.1186/s12889-018-5583-6. PMID: 29843652; PMCID: PMC5975624.

[vii] Peña-Suárez, E., & Ochoa-Moreno, I. (2020). The built environment and health: A systematic review of studies in Puerto Rico. BMC Public Health, 20(1), 1155. doi: 10.1186/s12889-020-09224-0

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Boston Indicators. (2020, October). Food insecurity. Retrieved April 14, 2023, from https://www.bostonindicators.org/reports/report-website-pages/covid_indicators-x2/2020/october/food-insecurity

[ix] Sörensen, M., Héroux, M. È., Foley, M., Breton, C., Sturdy, P., Demers, P. A., ... & Ragettli, M. S. (2018). Aircraft noise exposure and hypertension: A systematic review and meta-analysis. International Journal of Environmental Research and Public Health, 15(5), 894. doi: 10.3390/ijerph15050894 Sörensen, M., Héroux, M. È., Foley, M.,

Breton, C., Sturdy, P., Demers, P. A., ... & Ragettli, M. S. (2018). Aircraft noise exposure and hypertension: A systematic review and meta-analysis. International Journal of Environmental Research and Public Health, 15(5), 894. doi: 10.3390/ijerph15050894

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April 10th, 2023

Dear Next Leadership Development,

The Black Mass Coalition is writing to express our enthusiastic support for your Resilience Hub Project for the EPA Environmental Justice Collaborative Agreement. We believe that this project is crucial for preparing Black communities for the increase in the number and intensity of disasters that disproportionately impact our people.

As you know, Black communities are often hit hardest by environmental disasters, whether it be hurricanes, floods, or toxic waste spills. These disasters can have devastating impacts on our health, our homes, our families and our communities. Our susceptibility to natural disasters as well as our ability to respond & recover are directly correlated to historical and present day social forces that uphold a hierarchy of human value based on race and class distinctions. This combination of environmental and social conditions require a heightened level of resilience to reduce vulnerability in the immediate, mid and long term. It is essential that we have the tools and resources to prepare for and respond to these disasters, and we believe that your project will be a significant step in that direction.

We are particularly pleased to see that your project will incorporate environmental justice and climate change issues into the planning and implementation. It is critical that we address these issues head-on, as they are inextricably linked to the environmental disasters that we face. By incorporating these issues into the project, we can work towards a more just and equitable future for Black communities.

The Black Mass Coalition is committed to partnering with Next Leadership Development on convening Black organizations and residents to plan and implement the project. We believe that this collaboration will be essential for ensuring that the project meets the needs of our communities and is grounded in our experiences and perspectives.

We look forward to working with you on this important project and are excited to see the positive impact it will have on Black communities.

Sincerely,

Jason Boyd

Director, Black Mass Coalition
One Beacon Street, 15th Floor
Boston, MA 02108

NEXT LEADERSHIP DEVELOPMENT

Black Resilience Hub Project

Inputs

Staff/Contractors: Project Mgr., .5 FTE

Partners: Black Mass Coalition, City Councilor At-Large, and Sesame Solar

Technology: Daily, Mitigation, Response, & Recovery Operations Tools

Funding: Staff, partners, technology, travel, emergency operations

Equipment: Response & recovery equipment, supplies

Research: For/with members for projects, initiatives, grants, and training

Activities

Project Management

Plans Review and Gap Analysis

Government Priorities

Prioritization

Planning

Implementation & Proof of Concept

Outputs

Gaps in Boston Emergency Response Plan identified

Gaps in Boston Emergency Response Plan closed

Black-led organizations educated on climate disaster issues

Black Bostonians educated on climate disaster issues

Black-led organizations equipped with tools for emergency response

Trainings held on new response plan

Community exercise held to support new response plan

Outcomes

Disproportionate health impacts limited

Disproportionate environmental impacts limited

Greenspace in black neighborhoods increased

Heat index in black neighborhoods reduced

Post-incident reinvestment initiatives increased for black residents

Black rate of exposure to environmental hazards minimized

Impacts

Social Resilience

Infrastructure Resilience

Economic Resilience

Environmental Resilience

Governance Resilience

Black Resilience Network Supported

ED_016126_00000101-00001



Priority Areas

- Disaster Mitigation & Preparedness
- Historic & Cultural Resources Preservation
- Disaster Response & Recovery
- Disaster Workforce & Business Development

Roles

- Founding Members
- Resilience Hub Members
- National Members
- Local Members
- Partners & Allies
- Funders & Sponsors

Benefits

- **Resilience Hubs Program** Funding, Planning, & Implementation
- **Resilient.Community** Education, Training, Tools, & Convenings
- **Operations Center** Situational Awareness & Resource Coordination
- **Technical Assistance** Free or Discounted Support from Partners

BlackResilienceNetwork.org

CATEGORIES	Category Cost	Role/Item	Description	Cost/Item/ Year	% of Cost	# of Years/ Items	Total
Personnel	**$199,000.00**	Principle Investigator	Conducts QAPP and provides oversight and expertise to plans, trainings, and exercise	$50,000.00	50%	2	$50,000.00
		Project & Grant Manager	Coordinates with partners, fellows, and Next Leadership staff on planning and implementation; ensures grant requirements	$52,000.00	100%	2	$104,000.00
		Community Partnership Coordinator	Coordinates on the ground outreach and Community Comms Ctr. call and text campaigns	$45,000.00	50%	2	$45,000.00
Fringe Benefits	**$29,800.00**	Principle Investigator	No fringe benefits taken	$0.00	30%	2	$0.00
		Project & Grant Manager	Includes medical, dental, vision insurance, and transportation benefits @ 20%	$10,400.00	100%	2	$20,800.00
		Community Outreach Manager	Includes medical, dental, vision insurance, and transportation benefits @ 20%	$9,000.00	50%	2	$9,000.00
Travel	**$0**	N/A	N/A	$0.00	0%	0	$0.00
Equipment	**$80,745.45**	Emergency Preparedness and Response Equipment	Backup solar powered emergency backup	$6,299.00	100%	5	$31,495.00
			Radios & Repeaters for 5 orgs/sites	$5,000.00	100%	5	$25,000.00
			Mass Notification & Plan Management System	$24,250.45	100%	1	$24,250.45
Supplies	**$14,000.00**	Planning & Convening Resources	Printing for 6 Meetings & Convenings	$1,000.00	100%	6	$6,000.00
		Report Printing	Printing for Summary Report (1,000 copies)	$5.00	100%	1,000	$5,000.00

CATEGORIES	Category Cost	Role/Item	Description	Cost/Item/ Year	% of Cost	# of Years/ Items	Total
		Laptops	Laptops for Project/Grant Manager & Community Partnership Coordinator	$1,500.00	100%	2	$3,000.00
Contractual	**$110,000.00**	Contracted Fellows, Vendors, and Partners	1 Resilience Hub Fellow Stipend	$40,000.00	100%	2	$80,000.00
			CBO: Black Mass Coalition	$10,000.00	100%	2	$20,000.00
			Accountant	$5,000.00	100%	2	$10,000.00
Construction	**0$**	N/A	N/A	$0.00	0%	0	$0.00
Other	**$21,000.00**	Participant Support Costs	Stipends for 300 community memebrs to attend meetings & complete interviews	$50.00	100%	300	$15,000.00
		Food & Drinks	Food and refreshments for convenings	$1,000.00	100%	6	$6,000.00
Indirect Costs	**$45,454.55**	Management and Administration Costs	Next Leadership Development Costs to manage and administer this grant	$45,454.55	10%	2	$45,454.55
						Total Budget	**$500,000.00**

Manifest for Grant Application # GRANT13862113

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 26574 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16049 bytes)

2. Form SF424A-V1.0.pdf (size 22850 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40280 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15912 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23961 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37296 bytes)

Attachments Included in Zip File (total 9):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1234-501+w9 copy.pdf application/pdf (size 1057182 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-[Atyia] All Aces Resume_CV 1-Pager.pdf application/pdf (size 118718 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-Resilience Hubs Project Planning Logic Model.pdf application/pdf (size 549132 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-Next Leadership Letter of Support_OPHP.pdf application/pdf (size 162774 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-NLD-BRN LOS 2023.pdf application/pdf (size 113569 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-Next Leadership Development Corp. Letter of Support.pdf application/pdf (size 34932 bytes)

7. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1242-Environmental Justice Collaborative Agreement Narrative.pdf application/pdf (size 311475 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-EJ Collaborative Agreement Budget Details.pdf application/pdf (size 61077 bytes)

9. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-Letter of Support_ The Resilience Hub Project.pdf application/pdf (size 363345 bytes)

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Pilot City 1 (City of Brownsville)	66.306	$	$	$ 121,000.00	$	$ 121,000.00
2. Pilot City 2 (To be determined)	66.306			189,500.00		189,500.00
3. Pilot City 3 (To be determined)	66.306			189,500.00		189,500.00
4.						
5. Totals		$	$	$ 500,000.00	$	$ 500,000.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total
	(1) Pilot City 1 (City of Brownsville)	(2) Pilot City 2 (To be determined)	(3) Pilot City 3 (To be determined)	(4)	(5)
a. Personnel	$	$	$	$	$
b. Fringe Benefits					
c. Travel					
d. Equipment					
e. Supplies	23,500.00	37,900.00	37,900.00		99,300.00
f. Contractual					
g. Construction					
h. Other	97,500.00	151,600.00	151,600.00		400,700.00
i. Total Direct Charges (sum of 6a-6h)	121,000.00	189,500.00	189,500.00		$ 500,000.00
j. Indirect Charges					$
k. TOTALS (sum of 6i and 6j)	$ 121,000.00	$ 189,500.00	$ 189,500.00	$	$ 500,000.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Pilot City 1 (City of Brownsville)	$	$	$	$
9. Pilot City 2 (To be determined)				
10. Pilot City 3 (To be determined)				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 166,000.00	$ 41,500.00	$ 41,500.00	$ 41,500.00	$ 41,500.00
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 166,000.00	$ 41,500.00	$ 41,500.00	$ 41,500.00	$ 41,500.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Pilot City 1 (City of Brownsville)	$ 40,000.00	$ 38,500.00	$ 42,500.00	$
17. Pilot City 2 (To be determined)	63,166.00	63,166.00	63,166.00	
18. Pilot City 3 (To be determined)	63,166.00	63,166.00	63,166.00	
19.				
20. TOTAL (sum of lines 16 - 19)	$ 166,332.00	$ 164,832.00	$ 168,832.00	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: Category "Other" - tree purchase and delivery

22. Indirect Charges:

23. Remarks: Budget reflects 1 fully-planned pilot, with estimates for the remaining 2, for which funding is needed to move forward in development. A detailed budget for Brownsville has been submitted with the application.

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-One Tree Planted Key Contacts Resumes.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-One Tree Planted_EPA Collaborative RFP 2023.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

Below is the budget for Pilot City 1 (City of Brownsville). The budgets of the 2 pilot cities, when funding is secured, will be similar to the below.

Organization Name:			
Project Start & End Date:			
Number of Trees (per year)	**2023**	210	*<-- these 3 "number of trees" fields are critical for all calculations to work*
	2024	200	
	2025	220	

	Funding Requested with One Tree Planted in 2023			Additional Project Funding	
Year	Item	Cost ($)	Cost/tree *(cells will autofill)*	Source of Funding (Name)	Funding Amount ($)
2023	**Trees & Delivery***	**$31,500.00**	**$150.00**		
	Planting Materials	**$8,500.00**	$40.48		
	Labor	**$0.00**	$0.00		
	Equipment	**$0.00**	$0.00		
	Education	**$0.00**	$0.00		
	Monitoring & Maintenance	**$0.00**	$0.00		
	(Other)		$0.00		
	(Other)		$0.00		
	Total	**$40,000.00**	**$190.48**		**$0.00**

	Funding Requested with One Tree Planted in 2024			Additional Project Funding	
Year	Item	Cost ($)	Cost/tree *(cells will autofill)*	Source of Funding (Name)	Funding Amount ($)
2024	**Trees & Delivery***	**$31,000.00**	$155.00		
	Planting Materials	**$7,500.00**	$37.50		
	Labor	**$0.00**	$0.00		
	Equipment	**$0.00**	$0.00		
	Education	**$0.00**	$0.00		

from other sources *(if applicable)*

Source of Funding (Name)	Funding Amount ($)	Notes	**Summary of Deliverables** Provide a concise summary of deliverables in terms of # of Events, # of Volunteers, # Jobs, # People Impacted, etc.
			Total Cost w/ Co-financing *(including other funding sources)*
	$0.00		**$40,000.00**

from other sources *(if applicable)*

Source of Funding (Name)	Funding Amount ($)	Notes	**Summary of Deliverables** Provide a concise summary of deliverables in terms of # of Events, # of Volunteers, # Jobs, # People Impacted, etc.

	Monitoring & Maintenance	**$0.00**	$0.00		
	(Other)		$0.00		
	(Other)		$0.00		
	Total	**$38,500.00**	**$192.50**		**$0.00**

	Funding Requested with One Tree Planted in 2025			**Additional Project Funding**	
Year	**Item**	**Cost ($)**	**Cost/tree** *(cells will autofill)*	**Source of Funding (Name)**	**Funding Amount ($)**
2025	**Trees & Delivery***	**$35,000.00**	$159.09		
	Planting Materials	**$7,500.00**	$34.09		
	Labor	**$0.00**	$0.00		
	Equipment	**$0.00**	$0.00		
	Education	**$0.00**	$0.00		
	Monitoring & Maintenance	**$0.00**	$0.00		
	(Other)		$0.00		
	(Other)		$0.00		
	Total	**$42,500.00**	**$193.18**		**$0.00**

Total Partnership Request 2023-2025	**$121,000.00**

		Total Cost w/ Co-financing *(including other funding sources)*
$0.00		**$38,500.00**

from other sources *(if applicable)*

Source of Funding (Name)	**Funding Amount ($)**	**Notes**	**Summary of Deliverables** Provide a concise summary of deliverables in terms of # of Events, # of Volunteers, # Jobs, # People Impacted, etc.
			Total Cost w/ Co-financing *(including other funding sources)*
	$0.00		**$42,500.00**

Below is the project plan for Pilot City 1 (City of Brownsville). If funding is secured, the plans for the remaining 2 pilot citie

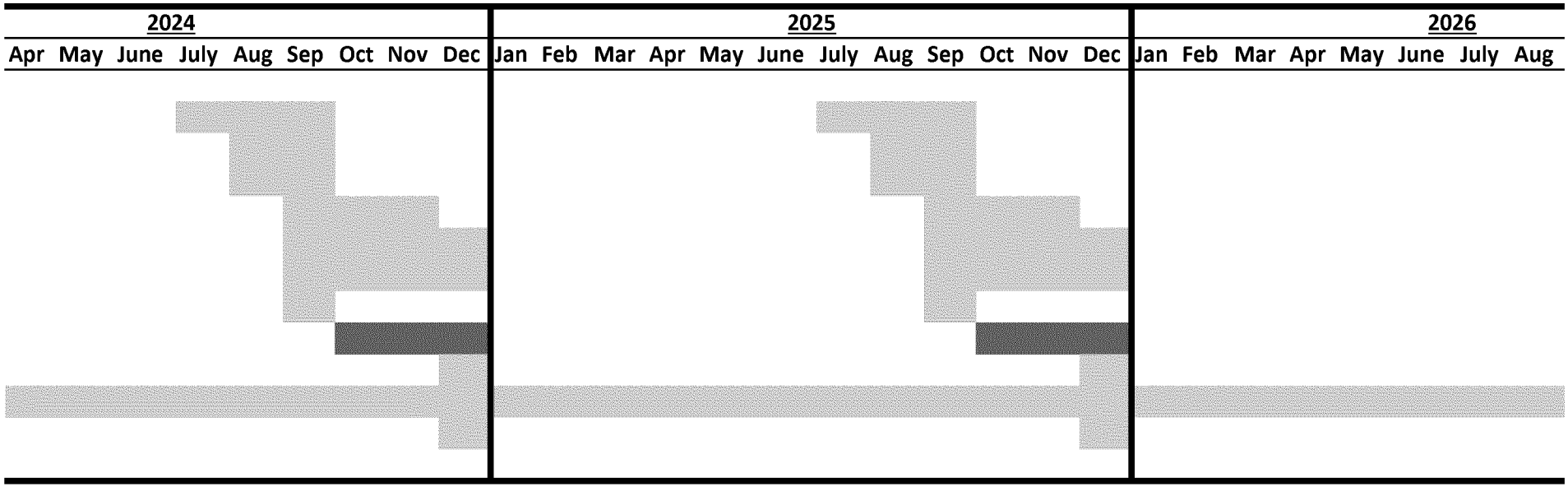
Activity	2023														
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Planning: final selection & approvals of planting site(s)															
Planning: purchasing tree & planting materials															
Planning: finalize planting plan; maintenance & monitoring plan															
Preparation: site prep and other tasks on-site															
Tree Delivery: trees and planting materials delivered to planting site															
Report: Mid-project update															
Tree Planting (highlight in dark green)															
Report: Planting Completion															
Maintenance & Monitoring															
Report: Year-1 Monitoring & Maintenance															
Report: Year-3 Monitoring & Maintenance															

This is a sample workplan that has been provided as an example. Please modify to fit your specific project, by following these steps:

1) reformat all of the 203-2025 cells to white
2) complete the workplan based on your specific timeline
3) add more rows for any additional tasks

***IMPORTANT NOTE** : For multi-year projects, we will split each calendar year*

es will be similar to below.



into it's own....


Sep Oct Nov Dec

Manifest for Grant Application # GRANT13861740

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 27799 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16050 bytes)

2. Form SF424A-V1.0.pdf (size 23325 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40375 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15927 bytes)

5. Form SF424_4_0-V4.0.pdf (size 24010 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37383 bytes)

Attachments Included in Zip File (total 5):

1. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-One Tree Planted_EPA Collaborative RFP 2023.pdf application/pdf (size 12285025 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-Urban_Forestry_Project_Proposal_Budget__Workplan 1.xlsx application/vnd.openxmlformats-officedocument.spreadsheetml.sheet (size 27122 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-One Tree Planted Key Contacts Resumes.pdf application/pdf (size 1721447 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-One Tree Planted Letters of Support.pdf application/pdf (size 4102735 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-IRS 501c3 Certification_One Tree Planted.pdf application/pdf (size 213316 bytes)

EPA Grant Programming Budget

EPA Grant Programming Budget	Cost	Quantity	Total	Remarks
Signs for South Providence and Mount Pleasant	2,560.00	2	5120	Signs are designed to illuminate and dark areas in front of the libraries, which will provide a safer area
Copier Ink Bundle	1087	3	3261	This is copier ink bundle to allow for additional prints
The Supertank color MFP for high-volume printing	2049	2	4098	This is a printer that will allow us to copy and print numerous flyers for various events and workshops
Air Quality Sensors	125	25	3125	These are loanable air quality sensors. People will be able to borrow sensors, learn about their air quality and then try different solutions to improve that quality and measure the change
Community Health Worker	40000	1	40000	$25 hr for 1 year at 32 hours a week. This worker will liaison with various community organizations and the library to create programming
Contractual	500	20	10000	A workshop making a mini Corsi/Rosenthal box fan to improve air quality is roughly $40 in supplies. A $500 budget per program would allow us to make 10 fans and pay the speaker $100. Funds would go towards air quality and gardening workshops.
HVAC				
MTP	110,000	1	110000	4-4 ton high efficiency heating/cooling units combined to act at 2-8 ton units 1-3 ton high efficiency heating/cooling unit for basement 1-Ceiling suspended ductless in rear of Library addition **Budget Cost: $110,000.00 (you'd need to figure in an electrician)**
SPR	230,000	1	230000	Budget $230,000.00 (you'd need to figure in an electrician) If you wanted to replace some of the rooftops with ERV units (which take tempered exhaust air and mix it with fresh air to pre-warm/pre-cool it (increased energy savings) I'd add another $100,000) An ERV that can do heating & cooling are quite expensive and they still use gas for heat.
Energy Efficiency				
SPR	21,589	1		Full list of items being replaced included in document (removed for budget purposes)
ROC	47731	1	47731	Full list of items being replaced included in document
Total of Funds			453335	
Indirect Costs			45333.5	10% indirect fees
End Total			498668.5	

ED_016126_00000118-00001

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Department of Revenue
DIVISION OF TAXATION
One Capitol Hill
Providence, RI 02908-5800

CERTIFICATE OF EXEMPTION

PROVIDENCE COMMUNITY LIBRARY
PO BOX 9267
PROVIDENCE, RI 02904

THIS IS TO CERTIFY THAT THE ABOVE-NAMED INSTITUTION HAS QUALIFIED FOR EXEMPTION PURSUANT TO THE PROVISIONS OF THE RHODE ISLAND SALES AND USE TAX ACT, CHAPTER 18, TITLE 44, OF THE GENERAL LAWS OF 1956, AS AMENDED, AND IS ACCORDINGLY EXEMPT FROM THE PAYMENT OF THE SALES TAX ON SALES MADE TO IT AND FROM THE USE TAX ON THE STORAGE, USE OR OTHER CONSUMPTION OF TANGIBLE PERSONAL PROPERTY BY IT.

THIS CERTIFICATE DOES NOT EXPIRE AND IS GOOD FOR THE EXISTENCE OF THE ORGANIZATION.

DAVID M. SULLIVAN
TAX ADMINISTRATOR

BY: _____

WILLIAM J. LYNCH
CHIEF REVENUE AGENT
FIELD AUDIT SERVICE

CERTIFIED NUMBER: 11072

DATE ISSUED: July 1, 2009

TDD (401) 222-6287 (Telecommunication Device for the Deaf)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1234-EPA Grant 2023 Workplan.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1243-EPA Grant 2023 Workplan.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. HVAC		$ 368,500.00	$	$	$	$ 368,500.00
2. Programming		78,071.40				78,071.40
3. Energy Efficiency		48,477.00				48,477.00
4.						
5. Totals		$ 495,048.40	$	$	$	$ 495,048.40

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) HVAC	(2) Programming	(3) Energy Efficiency	(4)	Total (5)
a. Personnel	$ 0.00	$ 40,000.00	$ 0.00	$	$ 40,000.00
b. Fringe Benefits	0.00	0.00	0.00		0.00
c. Travel	0.00	0.00	0.00		0.00
d. Equipment	335,000.00	20,974.00	44,070.00		400,044.00
e. Supplies	0.00	8,000.00	0.00		8,000.00
f. Contractual	0.00	2,000.00	0.00		2,000.00
g. Construction	0.00	0.00	0.00		0.00
h. Other	0.00	0.00	0.00		0.00
i. Total Direct Charges (sum of 6a-6h)	335,000.00	70,974.00	44,070.00		$ 450,044.00
j. Indirect Charges	33,500.00	7,097.40	4,407.00		$ 45,004.40
k. TOTALS (sum of 6i and 6j)	$ 368,500.00	$ 78,071.40	$ 48,477.00	$	$ 495,048.40
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. HVAC	$ 0.00	$ 0.00	$ 0.00	$ 0.00
9. Programming	0.00	0.00	0.00	0.00
10. Energy Efficiency	0.00	0.00	0.00	0.00
11. N/A	0.00	0.00	0.00	0.00
12. TOTAL (sum of lines 8-11)	$ 0.00	$ 0.00	$ 0.00	$ 0.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 495,048.40	$ 40,000.00	$ 200,000.00	$ 200,000.00	$ 55,048.40
14. Non-Federal	$ 0.00	0.00	0.00	0.00	0.00
15. TOTAL (sum of lines 13 and 14)	$ 495,048.40	$ 40,000.00	$ 200,000.00	$ 200,000.00	$ 55,048.40

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. HVAC	$ 368,500.00	$ 0.00	$ 0.00	$ 0.00
17. Programming	78,071.40	0.00	0.00	0.00
18. Energy Efficiency	48,477.00	0.00	0.00	0.00
19. N/A		0.00	0.00	0.00
20. TOTAL (sum of lines 16 - 19)	$ 495,048.40	$ 0.00	$ 0.00	$ 0.00

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges:

23. Remarks:

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: JUN 23 2009

PROVIDENCE COMMUNITY LIBRARY
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Employer Identification Number:
36-4640304
DLN:
17053044000029
Contact Person:
THOMAS C KOESTER ID# 31116
Contact Telephone Number:
(877) 829-5500
Accounting Period Ending:
June 30
Public Charity Status:
170(b)(1)(A)(vi)
Form 990 Required:
Yes
Effective Date of Exemption:
October 31, 2008
Contribution Deductibility:
Yes
Addendum Applies:
No

Dear Applicant:

We are pleased to inform you that upon review of your application for tax exempt status we have determined that you are exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code. Contributions to you are deductible under section 170 of the Code. You are also qualified to receive tax deductible bequests, devises, transfers or gifts under section 2055, 2106 or 2522 of the Code. Because this letter could help resolve any questions regarding your exempt status, you should keep it in your permanent records.

Organizations exempt under section 501(c)(3) of the Code are further classified as either public charities or private foundations. We determined that you are a public charity under the Code section(s) listed in the heading of this letter.

Please see enclosed Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, for some helpful information about your responsibilities as an exempt organization.

Sincerely,

Robert Choi
Director, Exempt Organizations
Rulings and Agreements

Enclosures: Publication 4221-PC

EJCPS at Providence Community Libraries

- **Project Location:** Providence, Rhode Island (Primary Libraries impacted by grant: South Providence Library, 02905; Mount Pleasant Library, 02908).

- **Contact Information:** Dr. Nathaniel Ramos Jr., South Providence Library 441 Prairie Ave, Providence, Rhode Island, 02905.

- **Brief Description of Applicant:**

Providence Community Libraries is a non-profit public library system that collaborates with various organizations to best serve our community. As a library, our goal is to support the evolving information needs of our communities and foster learning and exploration. We serve as emergency heating and cooling centers, provide food for children after school, we host informational workshops on gardening, provide information on lead pipes and local mitigation efforts, host testing and vaccination events, and more.

- **Are you applying for the Small CBO Set Aside Track: No**

- **Project Abstract:**
-

The main objectives of this grant application are to facilitate environmental justice partnerships in collaboration with the Health Equity Zone of South Providence and other community organizations, create awareness of air quality and establish a free air quality monitoring program using loanable equipment at libraries across Providence, host citizen science programs that inform the community about various environmental and health issues, and replace old and less efficient HVAC systems at Providence Community Libraries with heat pump HVAC systems along with improving energy efficiency based on an energy audit, which will enable a more resilient community as Providence Community Libraries are emergency heating and cooling centers.

The activities that this grant will enable are hosting various community events through the Health Equity Zone of South Providence and Grounds Work RI. These events will be community events to discuss numerous issues ranging from lead mitigation efforts across Providence, air quality awareness and improvement campaigns, health awareness campaigns, vaccination clinics, and other programs based on community needs. The outcomes of these programs is increased awareness of community resources and community environmental/health issues measured via surveys and community involvement in environmental/health programs. Groundwork RI will also be hosting your development environmental workshops at South Providence Library.

With a new HVAC system at one of the Providence's emergency heating and cooling centers, this grant will improve the community's resiliency in the advent of a disaster. The primary outcome

of a new HVAC system and other energy efficiency improvements is to increase the library's energy efficiency as measured by utility expenses.

- **Project Type:**
  Air quality & asthma, Food access to reduce vehicle travel and fuel emissions, Healthy homes, Emergency preparedness and disaster resiliency, Youth development relating to Environmental Justice

- **Special Considerations:** Included as an attachment

- **Environmental Issue:** Air

- **Include partner name and stakeholder group.**.

City of Providence Emergency Management Agency & Office of Homeland Security

Groundwork Rhode Island

South Providence Health Equity Zone

- City of PVD Healthy Communities Office
- Iglesia Vision Evangelic
- Lifespan Community Institute
- Providence Community Health Centers
- Providence Community Libraries
- Renaissance Adult Day Care Center
- RI Alzheimer Association
- Woman & Infants Hospital

- **Will you need to develop a QAPP for your project? (See Appendix H)**

An additional QAPP is not necessary in this instance. The public library has limits data collection and has a process for managing data, which includes anonymization of data. However, if a QAPP is required upon approval of funding, one can be developed for the few instances, where data is collected and shared.

Environmental and Public Health information of the Underserved Community

One of the areas that will be home to various programs is the South Providence community. The 02905 neighborhood is served the the 02905 Health Equity Zone, which has done a community needs assessment. The 02905 neighborhood is 44% Hispanic and 27% of the community is foreign born, the U.S. average for comparison is 13.6%. Based on the distressed community index, the 02905 community has 18.3% of the population without a high school diploma, versus

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12.3 at the national average, 25% poverty rate vs 13.9% average, a media household income of $43k versus $60.5k nationally, and Providence county as whole has the largest food insecurity in Rhode Island at 12.6%. Aside from having a large portion of an underserved population, poverty, poor education, and food insecurity, 02905 also has poor air quality. 10.9% of children have asthma in Providence, which is 9th highest in the nation and 70% of pediatric asthma emergencies in Providence are children on medicaid. A great deal of Providence's environmental polluters are in South Providence such as a hot-mix asphalt plant, which is located blocks from various high schools.

This project seeks to engage the community with food insecurity issues by teaching them how to grow food at home, which reduces food carbon emissions. However, this project can also help families improve their health and stay active. Programming on air quality will allow people to measure the quality of air in their homes, grow plants to improve air quality, and engage in citizen science. Furthermore, through community partners such as Groundwork RI, we will host a variety of programs including teen environmental justice programs as the library will serve as a rallying point for learning and engagement.

These programs aim to inform the public of the public, engage with them, encourage them to engage with other community partners such as the South Providence Health Equity Zone and other groups. While we are primarily working with the South Providence Health Equity Zone, we also have the HEZ zones such as the Olneyville Health Equity Zone, which we will also engage with. While some programs are centered around the South Providence Library in this grant, many workshops will be held across the city with resources for all of Providence.

That said, both South Providence and Mount Pleasant sit in areas where 90-100% of the community is in close proximity to a superfund site, hazard waste proximity, medically underserved, and are in areas where air toxins are a cancer risk at 80-100% according to the EJScreen Tool.

Organization's Historical Connection to Underserved Community

The libraries in Providence are located across the city and we serve various underserved communities. For example, due to the higher than national average number of people without a high school diploma, we run a free Spanish language GED program that has over 120 students as of April 2023. These classes have been a part of Providence Community Libraries for years as we have had an instructor for over a decade. The oldest library in our system was built in 1934 and has offered people a place to read and learn since the Great Depression. In 2021, our library system did a Spanish Language survey and focus group to learn what we could do better according to Spanish speakers, which number over 40% of the city based on Census statistics, and people wanted more community programing. To which, the library has increased Spanish language offerings and has offered everything from sewing to gardening classes in Spanish. From 1934 to today, our libraries have worked with the poor, underserved, and those needing assistance. For this grant, members of the community have already had their needs heard via a

community needs assessment, but they will continue to be heard as we host new programs based on the the needs and suggestion of our communities.

EJCPS Model

This application has utilized the EJCPS model in a few different ways. In regards to community capacity building, we have informed ourselves on various issues in our community using public data and have partnered with the South Providence Health Equity Zone on conducting a needs assessment. We have also partnered with experts to better serve the community on these issues.

Through this grant, we look to build trust and create new partnerships with other stakeholders. This process will take years, but this grant plays a major component in accomplishing that engagement.

Through the Health Equity Zones in Providence, we will increase our multi-stakeholder partnerships.

Currently, we are in the early stages of building a multi-stakeholder partnership, so we are still in progress in various components, of the EJCPS model, but we have made strides in utilizing the EJCPS model.

Promote Environmental Justice and Civil Rights at the Federal, Tribal, State, and Local Levels

This grant will allow us to promote environmental justice in two ways. First, this grant will allow our libraries to bridge gaps that are disproportionately negatively impacting communities of color. Through informational programs and more generally programming, we can bridge information gaps by providing access to information and offering programming in multiple languages. These programs will also provide us with information so we can better serve the community, create better programming, which in turn encourages people to be active. For example, by creating a mini community farm and providing people with gardening training, we encourage them to build community farms, which impacts food islands, reduces carbon emissions and generally improves health. Second, through community partners, we will be able to host a younger generation of environmental justice advocates and we will be able encourage teens to serve their community by improving the environment, which in turn also helps them physically and helps the improve their health.

Partner Collaborate

This grant allows us to partner and collaborate with existing partners.

With Groundwork RI, we will collaborate on seed farms, gardening and engaging community youth. GroundworkRI specializes in building community gardens and training younger generations the importance of health and the environment. This group often struggles to find

places to meet and the library offers them a place to collaborate, plan, and with this grant we will create something the entire community can benefit from in the form of a community garden.

With the South Providence Health Equity Zone (SPHEZ), we can collaborate in various ways. The SPHEZ does data analysis on the South Providence community and helps organize various community groups. They have organized vaccination and testing sites, health seminars, health programs and more. The South Providence Library works with the SPHEZ and through this grant can hire someone to further improve that collaboration, promote events, create health information graphics, and generally create material in English and Spanish. Often, health information is not created in multiple languages, so having someone who specializes in creating and promoting community events is very much needed. This person would also help grow community engagement by connecting business owners with various groups and other community groups so we can all better support one another.

The Emergency Management Agency and Office of Homeland Security is a partner as we collaborate on providing members of the community access to resources and we serve as an emergency heating and cooling center. All our libraries serve as emergency heating and cooling centers, but we also serve as vaccination sites, testing facilities, we are education centers, food distribution for after school programs, and we bridge information gaps by providing access to Internet. In Olneyville and South Providence, there are huge issues in internet access as noted in the EJScreen tool and the libraries are situated in those zones and provide internet access for all and homework assistance for children.

All partners are consulted for the changing needs of our communities. When a heat wave hits, we work extra hours to serve the community, when there is a pandemic, we work with both emergency management and the HEZ to provide access to medical to vaccinate or test people, and we are always working with community groups to develop new and innovative programs.

Project Activities / Milestone Schedule / Detailed

A. There are three program activities outlined in this program, programming, energy efficiency, and an HVAC unit.
    1. Programming is a major component of what public libraries do. Programming consists creating various projects such as indoor and outdoor gardening workshops based on a community needs assessment done by the South Providence Health Equity Zone. This project will consist of buying outdoor gardening supplies and numerous seed packets. Library will contribute to the project by creating tutorial vides in English and Spanish. This includes the creation of loanable air quality sensors that people can utilize to measure the air quality in their homes and various workshops on how to improve their air quality. This program will also support paying for bilingual presenters to host events at multiple libraries and a specialist to go between various community organizations to promote events and analyze data provided from community feedback. To that end, the programming component of this grant will also make thousands of bilingual flyers and promotional material that will be displayed at numerous community events that inform people about the programs going on in the community. For example, lead pipe abatement

is a project ongoing in Providence with South Providence being one of the targeted communities for the first lead pipe abatement projects. Community members often need applications for funding to pay for lead pipe abatement in their home or simply to inform them that it is an ongoing problem. Part of this grant will allow us to translate those forms or create health information graphics to better explain why it is important to replace pipes. Throughout the first year of the grant, we will track attendance of people at events, flyers made and distributed, and the dozens of programs hosted along with surveys and use all of the information to improve our offerings across the library system.

2. Energy efficiency at South Providence Library has the main objective of improving energy efficiency at one of Providence's emergency heating and cooling centers. The savings on energy efficiency will be approximately $10,000 per year. This estimate was done by an energy efficiency expert and has been provided as part of the this application. These savings can then be used in other energy efficiency programs to further make our libraries more sustainable. However, our energy efficiency story will also be used to program energy efficiency in the community. We will create videos and have displays that will inform the community of how much energy we use and how big of a difference energy efficient lighting is making in our library.
3. Installing a new HVAC unit at Mount Pleasant and/or South Providence will allow our libraries to be more resilient and remain open during heat waves and extremely cold weather events. We did obtain preliminary estimates and there are very different approaches to improving our HVAC situation at both libraries. One method would cost $330k per library and another method would allow us to do both libraries for $340k. Based on the discrepancy, we would need to get more data to determine which approach is more sustainable and functionally better for the library. As we do not have funds to make improvements right now, vendors were not keen on providing estimates, but if approved, we will then talk to vendors, get estimates and do a cost/benefit analysis on each approach and determine which approach would be better for the library.

B. Milestone Schedule

	Q1	Q2	Q3	Q4
Programming	-List Community Outreach Specialist position(s) and begin hiring -Plan future workshops for the year -Begin ordering supplies	-Liaison with community partners -Begin writing scripts for videos -Create video shooting schedule -Create distribution plan for supplies	-Host programs -Find community partners to co-host workshops -Promote programs at community events	-Analyze data -Share data with community partners -Create recommendations for continuation of programs

	Q1	Q2	Q3	Q4
Energy Efficiency	-Contact energy efficiency groups to get updated energy efficiency list with walkthrough of South Providence	-Conduct bids from energy efficiency groups for replacement work -Select awardee -Schedule installation	-Install new lighting at South Providence Library -Track energy results	-Continue to track energy efficiency
HVAC	-Contact vendors regarding grant -Begin walkthroughs of facilities -Meet with Department of Labor and Training and other partners regarding HVAC units and which method is recommended	-Create rubric for decision making on what factors will influence selected HVAC -Begin bidding process for HVAC Units -Select awardee -Schedule installation	-Install new HVAC units and track data	-Install new HVAC units and track data

C. Itemized budget sheet/narrative
- Included as an attachment

Environmental Results

A. Logic model is submitted as an attachment
B. Individual programs will be rated using a Likert scale. Larger projects, such as HVAC installation, will necessitate a milestone approach that is agreed upon with vendors. Due to supply chain issues and the inability for vendors to make guarantees until after orders are submitted, it is important to establish expectations with vendors on item arrival, installation dates, and verifying that the items are installed correctly.
C. The community vision for this program originates with a community needs assessment done by the South Providence Health Equity Zone (SPHEZ). The SPHEZ has identified various community issues that this grant will address.
   4. One of the issues of food insecurity and food islands will be addressed through bilingual gardening workshops. This grant will allow for purchasing of seeds that the community will then be able to use at home or in community gardens. Part of this grant will also be used to build a community garden at South Providence Library. Through community engagement in planning a garden, support from community partners like Groundwork RI, input from master gardeners on staff and feedback from program surveys we will foster community engagement. Having built a small garden at the library and with support of

our library and community groups, community members will be encouraged to create larger community gardens throughout the city.

5. Another example of using results from this grant to continue improvement throughout the city is improving air quality. Providence struggles with air quality issues. In fact, 10.9% of children in Providence have asthma, which is the 9th highest in the nation. In communities of color, this issue is exacerbated as over 70% of pediatric asthma emergency department visits in Rhode Island are children on Medicaid. By having air quality readers that people can borrow for a month at a time at the public library and bilingual tutorial videos to explain the data, we will enable people to learn about their indoor air quality and how to improve it. Feedback and data from this program will enable community members to work towards making their community healthier. This also connects to our food insecurity issue as we will have seeds for various plants, some of which can be planted indoors to improve air quality. People Willa also be able to be citizen scientists and see their indoor air quality before and after they place plants to see the real world impact of plants in their home.
6. Installing a new HVAC unit at Mount Pleasant and/or South Providence Library has multiple benefits to the community. As an emergency heating and cooling site, keeping libraries open benefits the community as it enables us to remain open and host community programs year round. The library is also able to host community groups such as Groundwork RI, health equity zones, and numerous other groups. The library serves as a rallying point for various community functions and constantly hosts remote workers, hobbyists, children, teachers, community groups and more. As an emergency heating and cooling center, staying open allows for more events and more programming that service the community's vision.
7. Improving energy efficiency at South Providence Library is an important need. Improving energy efficiency serves two purposes. First, it is in line with the objectives of this grant to improve the energy efficiency of the community. Second, energy improvements make the library more sustainable, which helps the library remain open and pay for other repairs. Energy efficiency improvements at South Providence Library would save the library nearly $10,000 a year. That $10,000 will allow us to work on other projects such as installing solar panels, which will allow our buildings to further reduce costs and be even more resilient in case of emergencies. Furthermore, showing real world uses of energy efficient lighting along with displays of the energy efficiency savings, this will encourage members of the community to consider the lighting for their uses.

Programmatic Capability

A. Providence Community Libraries (PCL) operates nine libraries in Providence, Rhode Island. The maintenance team at PCL has maintained the nine libraries for decades when they were a part of Providence Public Library and for over a decade since PCL split off and created

their own library system. Maintenance teams regularly get estimates from local businesses and oversee their work to make sure it is satisfactory.

B. Project Manager Dr. Nathaniel Ramos Jr. has managed a federal grant by the Network for the National Library of Medicine. Prior to joining PCL, Dr. Ramos oversaw the maintenance and management of numerous properties owned by his family business. Since joining PCL, he has fostered relationships with community groups such as the Department of Labor and Training and YouthBuild. Dr. Ramos also has maintenance staff that combined have over 100 years of experience and will be supporting him with supervising the program.

C. The budget for Providence Community Libraries is included in this submission. The library has experience working with private, local, state and federal grants. Upon receiving the grant, the library will work with EPA staff to fulfill documentation needs. Different organizations have different requirements for receiving funds, however, the library is equipped to follow all requirements to make sure funds are distributed properly.

Past Performance Submit a list of federally and/or non-federally funded assistance agreements:

1. -NNLM All of Us Program
   -Completed May 2022
   -Reporting for the All of Us program required regular meetings with NIH staff. Throughout the program, program supervisor, Dr. Nathaniel Ramos, met with federal program managers, kept them updated regarding funding, and collaborated with NIH staff on processing all funds and documents. All reporting requirements were given to Providence Community Libraries at the start of the program and were met on time.

2. -Community Development Block Grant South Providence Wall Repair and Paint
   -Completed
   -The South Providence Library recently received a renovation where badly damaged walls were repaired and painted. The reporting requirements for this grant required the development of selection criteria, a bidding process for vendors, and a review of work done and whether it was sufficient based on the grant requirements. This project was completed in November 2022 and was partially supervised by maintenance supervisor Mike Nickerson and Dr. Nathaniel Ramos.

3. -ARPA Funding Social Worker
   -In Progress
   -As part of ARPA funding, Providence Community Libraries was able to hire a social worker to help work with community needs during the pandemic. This social worker has created numerous group programs and has worked with library staff to better serve the physical and mental health needs of the community. This program is ongoing and will complete in April

2024. The first yearly update is due June 2023. The staff social worker files monthly reports of her ongoing programs and a short analysis on community needs and future programs.

4. -Community Development Block Grant Spanish GED
   -In Progress
   -South Providence Library staff, Dr. Nathaniel Ramos, oversees the Spanish GED program funded by the City of Providence through a CDBG grant. For this grant, library staff provide a quarterly update. This program is one of the few programs in Providence that are free and serve the community by providing those who participate free GED prep in Spanish. Final reports for this program are due in June 2023, but a prior year final report is included in this application.

5. -Community Development Block Grant South Providence Roof Repair
   -In Progress
   In addition to paint work needed at South Providence, the library also needs repair to the roof. The grant process is ongoing. The program was delayed until May 2023, at which point, requests for bids for the repair will be sent out, a roof repair bidder will be selected and the job will be supervised by maintenance supervisor Mike Nickerson and Dr. Nathaniel Ramos.

i. your history of meeting the reporting requirements under those agreements including whether you adequately and timely reported on your progress towards achieving the expected outputs and outcomes of those agreements (and if not, explain why not) and whether you submitted acceptable final technical reports under the agreements.

In evaluating applicants under these factors in Section V, EPA will consider the information provided by the applicant and may also consider relevant information from other sources, including information from EPA files and from current/prior grantors (e.g., to verify and/or supplement the information provided by the applicant). If your organization does **not** have any relevant or available past performance experience related to **federal or non-federal grants**, you should state this explicitly in your application (e.g., *Our organization has no past grants experience*.) Including this statement will ensure you receive a neutral score for these factors (a neutral score is half of the total points available in a subset of possible points). However, if you do not provide any response for these items, you may receive a score of 0 for these factors.

Will you need to develop a QAPP for your project? (See Appendix H)

- An additional QAPP is not necessary in this instance. The public library has limits data collection and has a process for managing data, which includes anonymization of data. However, if a QAPP is required upon approval of funding, one can be developed for the few instances, where data is collected and shared.



To Whom It May Concern:

The South Providence Health Equity Zone (SPHEZ) is a collaborative of community stakeholders that range from hospitals to health and grassroots organizations, neighborhood associations, and residents. Our members come together to address the most pressing health concerns in their neighborhoods. We work cooperatively to address health inequities through strategizing, prioritizing, and enacting plans that impact over 20,000 residents.

South Providence Library has been a committed and active partner in the 02905 Health Equity Zone since its inception. Library staff have attended stakeholder meetings, hosted COVID-19 testing and vaccination clinics, fresh produce deliveries, and aided the HEZ during the 02905 community needs assessment. They are always in great disposition to provide us with a space to conduct meetings or any sort of community event. The library has also supported us in different grant initiatives by providing support letters and expertise in different topics.

The South Providence Library is an invaluable partner for our collaborative and community. More than physical space, it is an opportunity catalyzer. It connects a historically underinvested community with much-needed opportunities. The SPHEZ is proud to present this support letter in support of the South Providence Library and we look forward to working with them on future programs to better serve the 02905 area and the Providence community.

Sincerely,

South Providence Health Equity Zone

Groundwork Rhode Island (GWRI) is a community-based organization helping build healthier, more resilient, and more equitable urban communities in Rhode Island by improving the physical environment and creating economic opportunities for local residents through job training, employment, and social venture programs.

We currently work with Providence Community Libraries in hosting teen workshops where we train teens about gardening and working in their environment to make their area healthier and to create environmental justice leaders. We also work with the library in doing composting, improving heat maps, and building urban farms. Our urban farm is actually next to the South Providence Library and we host workshops at the library regularly.

With this grant, we look to work with the library to serve the community, engage with teens, and host a variety of workshops. We have an existing relationship with the library and we look to continue that collaboration through this grant.

Amelia Rose

Amelia Rose

Executive Director
she/her/hers

Groundwork Rhode Island
1005 Main Street #1223
Pawtucket, RI 02860

Mt. Pleasant Library

Currently there is an existing steam boiler serving various steam coils throughout the library as well as a duct mounted steam coil serving one 7.5 air handling units in the basement. There are also two additional air handling units in the basement. One 5 ton provides cooling only to the basement, the other 7.5 ton provides cooling only to the library. The 7.5 air handler with the steam coil provides heating and cooling to the library. There are two options to upgrade the system.

Option 1: Abandon the two 7.5 ton existing equipment in place and replace the 5 ton basement unit with a new 3 ton heat pump air handling unit. The 3 ton basement heat pump would handle the basement cooling and heating load, a 5 ton unit is not required. The library would be served by 6 ceiling suspended ductless split heat pump units in the open library area, one ductless split in the office area and one ductless in the activities room. This option would be able to provide adequate heating and cooling throughout the building. The problem is providing enough outdoor air required for the library. We could bring in some outdoor air to each of the new ductless units but it wouldn't be enough required by code. And unfortunately the ductless manufacturers do not make a large enough air handler to handle the amount of outdoor air needed. A gas fired furnace with cooling would be required in the basement to tie into the existing fresh air ductwork.

To sum up:
6 Ceiling suspended ductless heat pumps in Library
1 Ceiling suspended ductless heat pump in Activity room
1 Ceiling suspended ductless heat pump in Office
1 Ducted heat pump in basement, tied into existing ductwork
1 Gas furnace/cooling unit to help provide adequate fresh air
Budget Cost: $185,000.00 (you'd need to figure in an electrician and roofer)

Option 2: Abandon the existing steam boiler. Remove and dispose of the existing air handling units and condensers. Install new 95% efficient gas fire furnaces in the basement with new high efficiency condensing units on the roof. Manufacturers don't make a 7.5 ton high efficiency furnace so we propose installing 4-4 ton high efficiency units and twinning them together to make 2-8 ton units. The basement 5 ton unit would be replaced with a 3 ton high efficiency furnace & condenser. The new equipment would tie into the existing ductwork as well as the existing outdoor air duct and would provide adequate outdoor air to the library. One new ceiling suspended ductless unit would be installed near the rear of the library addition. Mike mentioned the existing systems have a hard time getting air down to the far end of that room.

To sum up
4-4 ton high efficiency heating/cooling units combined to act at 2-8 ton units
1-3 ton high efficiency heating/cooling unit for basement
1-Ceiling suspended ductless in rear of Library addition
Budget Cost: $110,000.00 (you'd need to figure in an electrician)

Prairie Library

The current system is made up of multiple rooftop units with duct distribution and zone dampers. Based on the current design and layout of the building, I wouldn't suggest trying to replace the systems with a ductless split type of system. The cost would be exorbitant. I think a better option would be replacing the rooftops with high efficiency rooftop units and maybe an energy recovery unit or two but getting an HVAC engineer to look through the system now and make recommendations would be the best option.

On larger commercial spaces, it's hard to get away from fossil fuels. You can do so with the ductless systems but to handle fresh air requirements most times you need gas to heat the outdoor air in the winter. If it was a brand new building or the space was being gutted and you were starting from scratch, there are some smaller electric heat ERV units but with the layout of the space now, they aren't practical.

Budget to remove all existing HVAC and replace with a ductless system and ERV unit for fresh air: **Budget $650,000 (you'd need to figure an electrician and carpenter to replace ceiling, soffit all the new refrigeration piping, etc)**

Replace existing rooftop equipment with new: **Budget $230,000.00 (you'd need to figure in an electrician) If you wanted to replace some of the rooftops with ERV units (which take tempered exhaust air and mix it with fresh air to pre-warm/pre-cool it (increased energy savings) I'd add another $100,000) An ERV that can do heating & cooling are quite expensive and they still use gas for heat.**



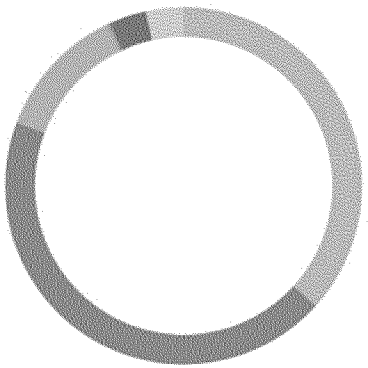
SOUTH PROVIDENCE HEZ COMMUNITY ASSESMENT

Assessment of social, economic, physical, and environmental conditions impacting the health of their respective HEZs and describe the inequities of interest and importance to the community as needed and as advised by the HEZ steering committee.

02905 at a glance

RACE OR ETHNICITY

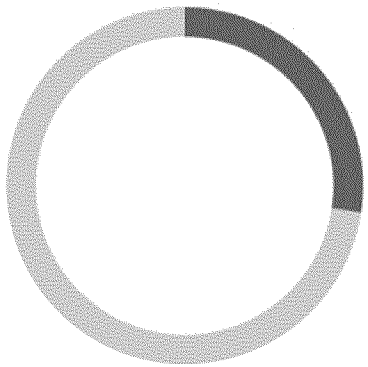
% of population by race or ethnicity



Non-Hispanic White	36.7%
Hispanic or Latino	44.0%
Black or African-American	12.1%
American Indian or Alaska Native	0.3%
Asian or Pacific Islander	3.4%
Some Other Race	3.4%

NATIVITY

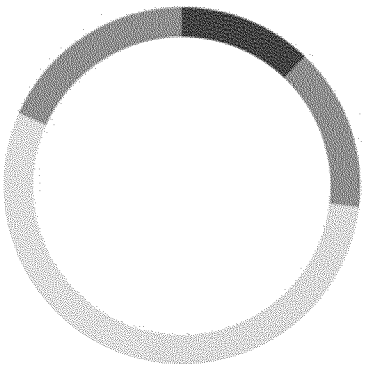
% of population by nativity



Foreign-born	27.4%
Native-born	72.6%

EDUCATION

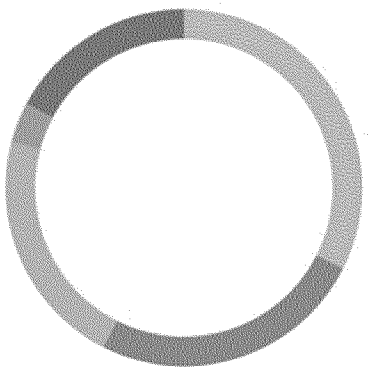
% of population 25+ by educational attainment



Advanced degree	12.1%
Bachelor's degree	14.8%
Some college	26.2%
High school diploma	28.6%
No high school diploma	18.3%

OCCUPATION

% of 16+ population by occupation

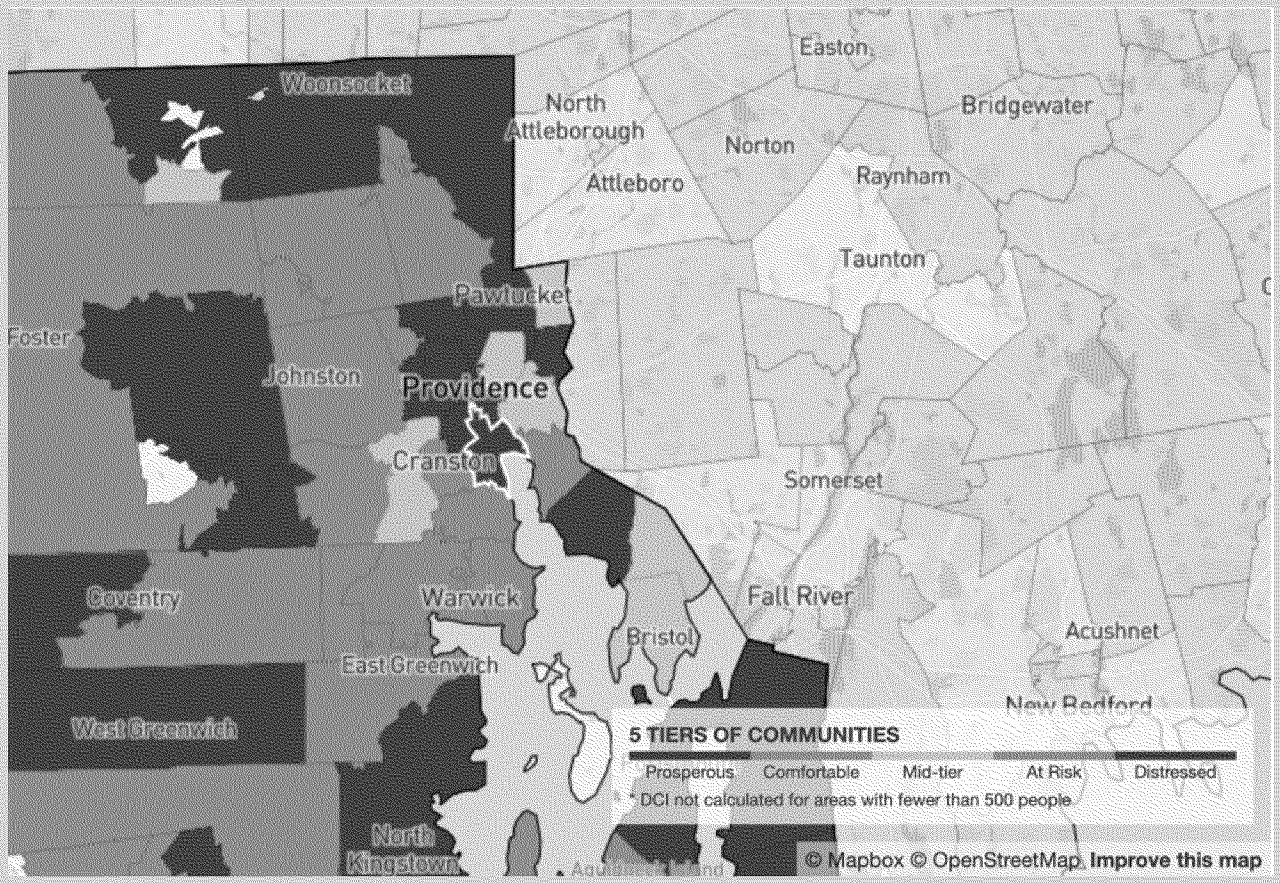


Management and Professional	32.5%
Service	25.0%
Sales and Office	21.7%
Natural Resources and Construction	3.7%
Production and Transportation	17.2%

From the economic innovation group

Population: 25,223 Population Density: 6,730 people per sq. mile

Distressed Communities Index



From the economic innovation group

DCI Factors for 02905

No High School Diploma: 18.3% (National – 12.3%)

Poverty rate – 25% (National – 13.9%)

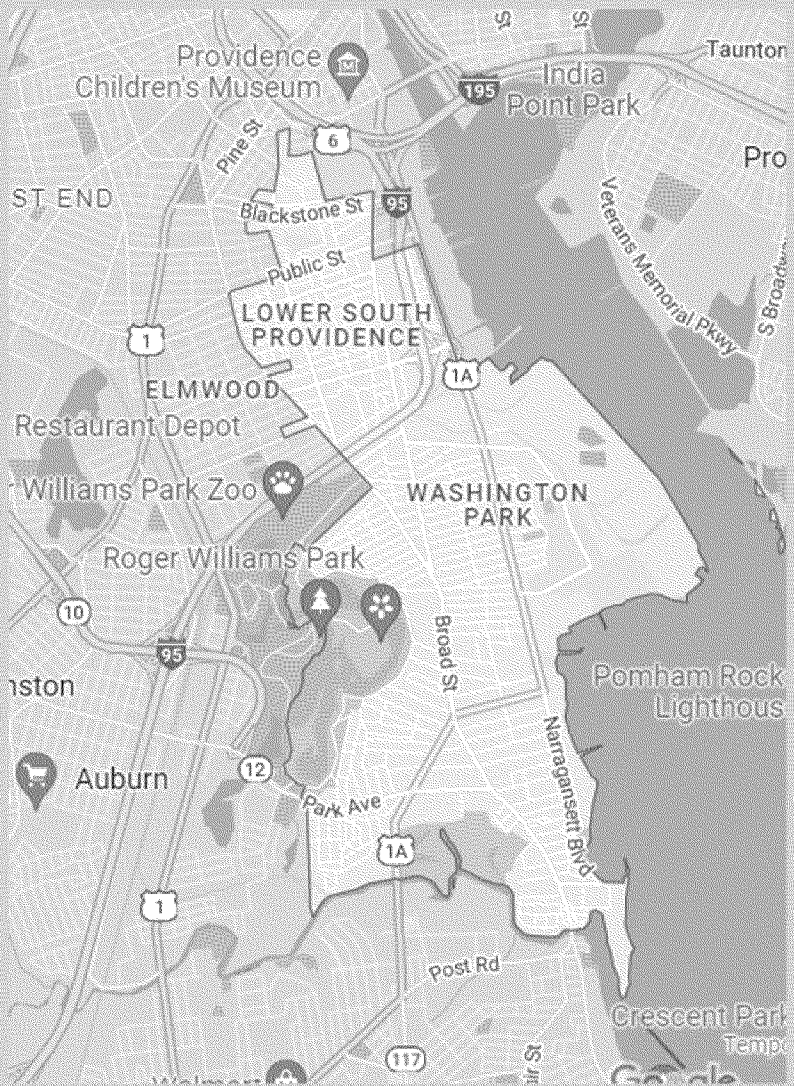
Adults not working – 26.1% (National – 23.5%)

Housing vacancy rate – 10% (National – 9.4%)

Median Household Income – $43K (National – $60.5K)

Change in employment in 02905 - -3.7% (National 8.0%)

Change in establishments in 02905 – 0.6% (National 4.5%



02905 Community Assessment Summary

Question: What are the greatest health related concerns for residents & stakeholders in 02905?

Community Assessment Actions Completed

Covid-Response Team Data Collection

When: 1/1/21-03/30/21

Surveyors: Community Health Workers of FSRI

Responses: 108 (in-person)

Respondents: 91.7% residents, business owners and CBOS. Remainder being other key stakeholders

02905 HEZ SWOT Analysis

When: Youth Conference & Community resource fair in 02905

Surveyors: Sandra

Responses: 31 Questionnaires Collected

Respondents: Mostly teachers, students and parents attending events

Literature Review

Collected data from current government and .org sites.

SDoH Data Collected

When: between 10/2020 – 03/2022

Surveyors: Covid-19 Response Team

Responses: 169 SDoH Screenings completed

Perceived Community Strengths

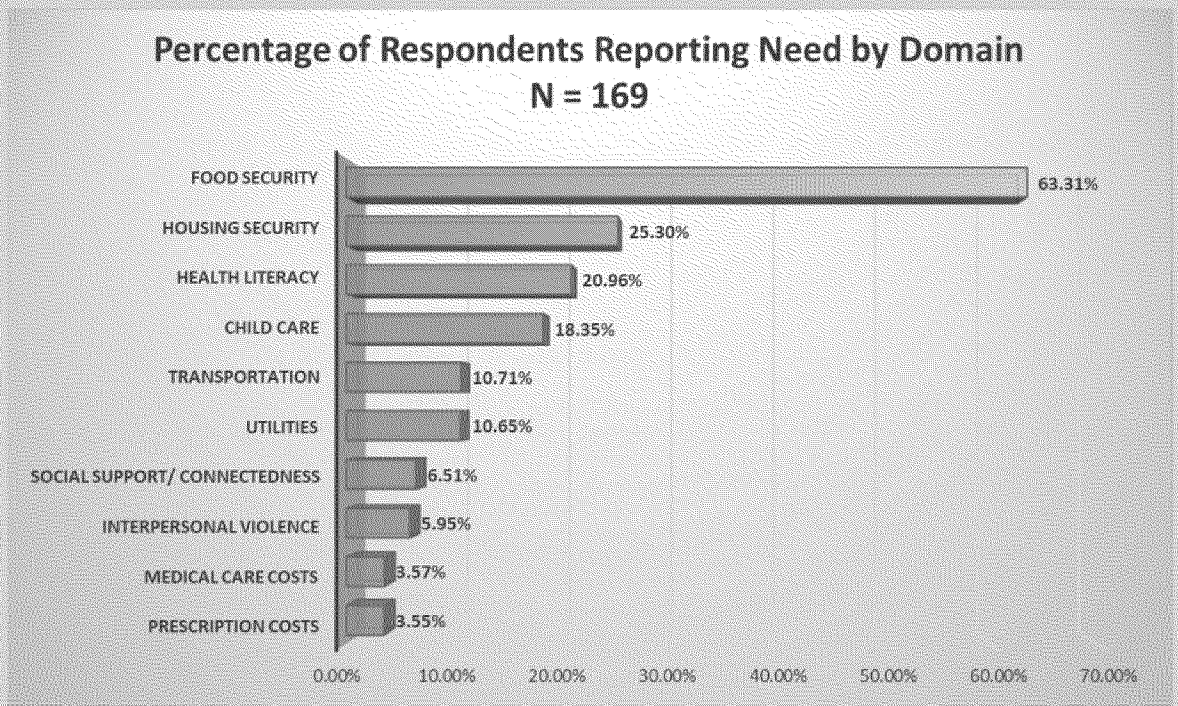
- Strong Sense of Community, Family, and Longevity
- Diversity of languages, food, culture
- Family & friends in proximity, good relationship with neighbors, proximity to businesses and overall supportive community

Collected from Pre-Hez Interviews & SWOT Analysis.

Thought: How do we leverage and integrate these strengths into our approach addressing health inequalities?

Health-related themes that presented themselves in the community assessment process…

From the Social Determinants of Health Data Collected in 02905



Food Insecurity

Highlights from the Surveys & Lit. Review

- SDOH screening: 107 participants out of 169 identified that in the last 12 months, they ate less than they should because there was not enough money for food. – 63 % reported food insecurity as a main concern for themselves.
  - Food Security, Availability, & Cost: Included responses such as those that noted needing more grocery stores, food prices increasing, food security, and food quality and expense
- Providence County has the highest estimated rate of food insecurity in Rhode Island with (12.6% in 2017)

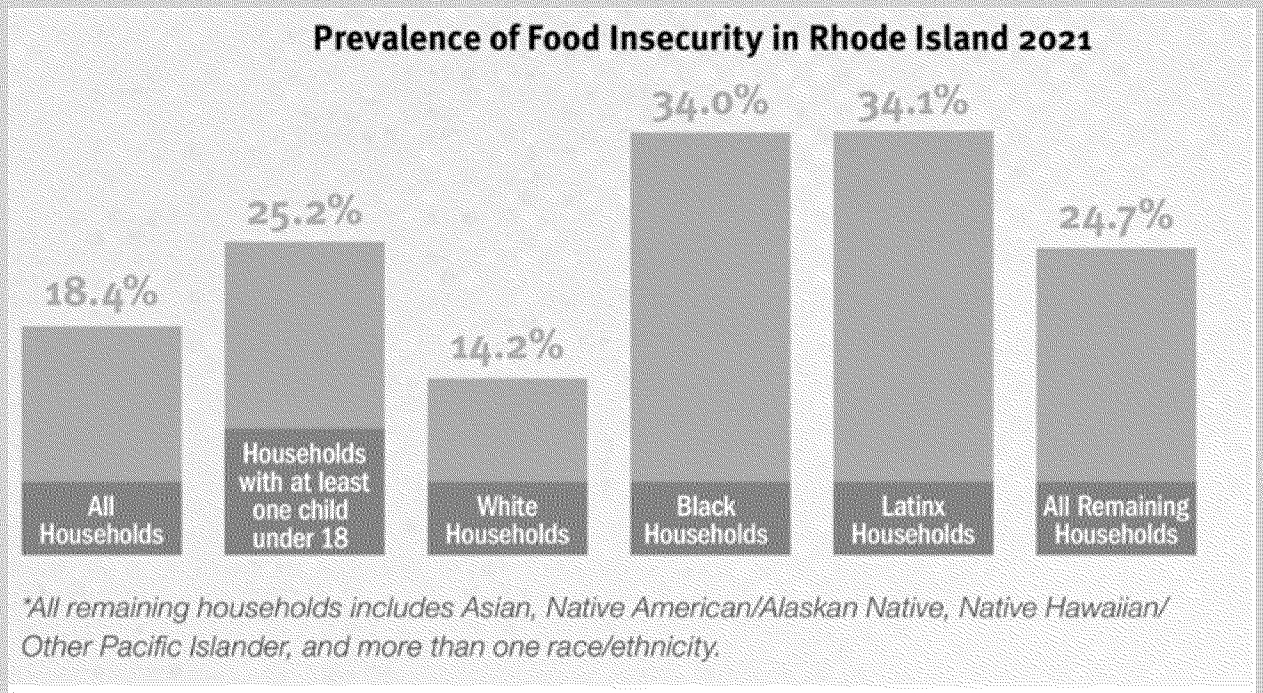


Food Access Research Atlas - Low-income census tracts where a significant number or share of residents is more than ½ mile or a mile (urban) or 10 miles (rural) from the nearest full service supermarket.

From the Economic Research Service - US Department of Agriculture's Food Access Research Atlas

Food Insecurity

Racial Disparities



RI Food Bank - 2021

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Food insecurity

Resources in Providence..



RI Food Council

Financial Insecurity

Highlights from Surveys

- Financial Stressors & Poverty: Included responses such as those that noted income loss, poverty, prices increasing, and struggling financially.
- Financial concerns included responses such as those that noted the need for utility assistance, bill assistance, internet access, better job opportunities, unemployment support, and the need for a livable income.
- 21.43 % reported that challenges in finding childcare make it difficult to work or study.

https://www.cityhealthdashboard.com/ri/providence/metric-detail?metric=12&metricYearRange=2019%2C+5+Year+Estimate&dataRange=city

Housing Insecurity

Highlights

- Out of 166 individuals asked during the SDOH Screening about Housing Security, approximately 42 individuals identified to be worried that they might not have stable housing. (25% reported be concerned about the security of their housing (Are you worried in the next 2 months you may not have stable housing?)

Supporting Facts…

- In 02905, 53.2% of households spent more than 30% of their monthly income on rent (compared to 41.3% providence wide) – 02905 spec.
- Central Falls and Providence had the highest total housing cost burden, and in Central Falls more than half (55.92%) of all households were cost burdened.



Waiting Lists for Affordable housing in Providence – PHA

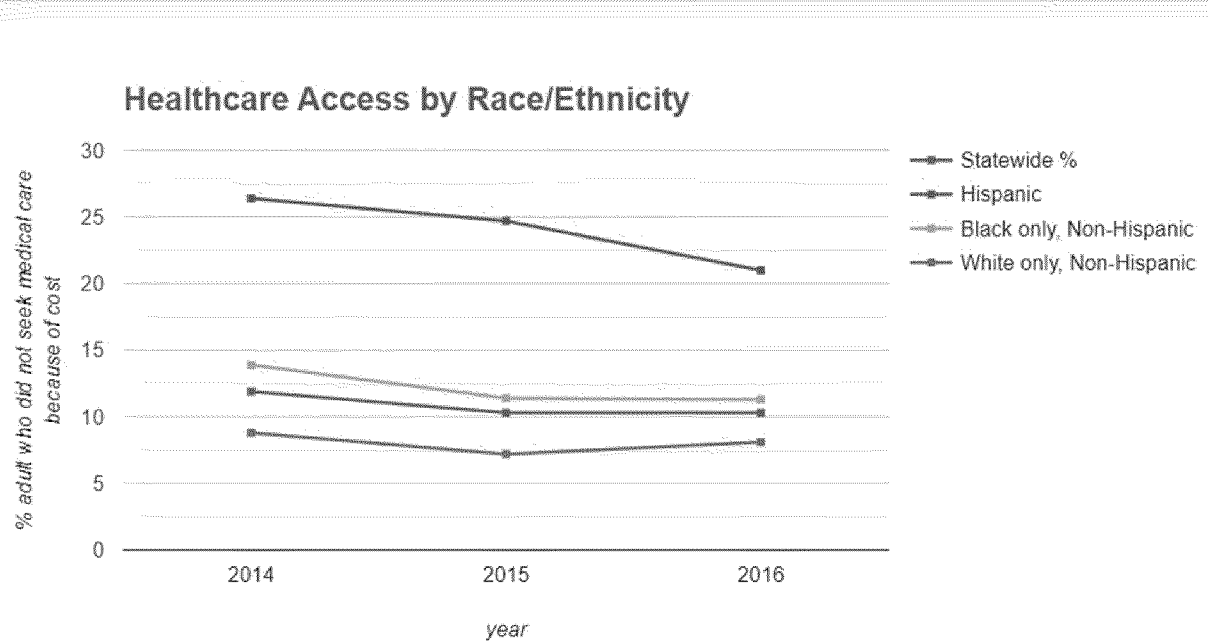
Studio (elderly/disabled only): 2-3 years
One Bedroom (elderly/disabled only): 3-4 years
Two Bedroom (elderly/disabled only): 5-7 years
One to Seven bedroom (family developments): 8-10 years depending on bedroom size
**Waiting periods are subject to change*

Health Care (access & needs)

Highlights from Survey

- The overwhelming theme identified as the most pressing need resulting from the pandemic was Behavioral Health and Social-Emotional Needs.
  - Social Emotional Themes: Depression & Loneliness, Social Isolation & Lack of Activities, Anxiety & Fear were the major themes
  - Health Care Access: 20.% of respondents reported needing help reading information about their medical conditions.
- 45% of residents in Rhode Island in 2019 had Limited English Proficiency. – migrationpolicy.org
- In 2015 There are 278 people to every 1 full-time primary care provider in South Providence – RIDOH 2015 health inventory

Percentage of adults who did NOT seek medical care because of cost



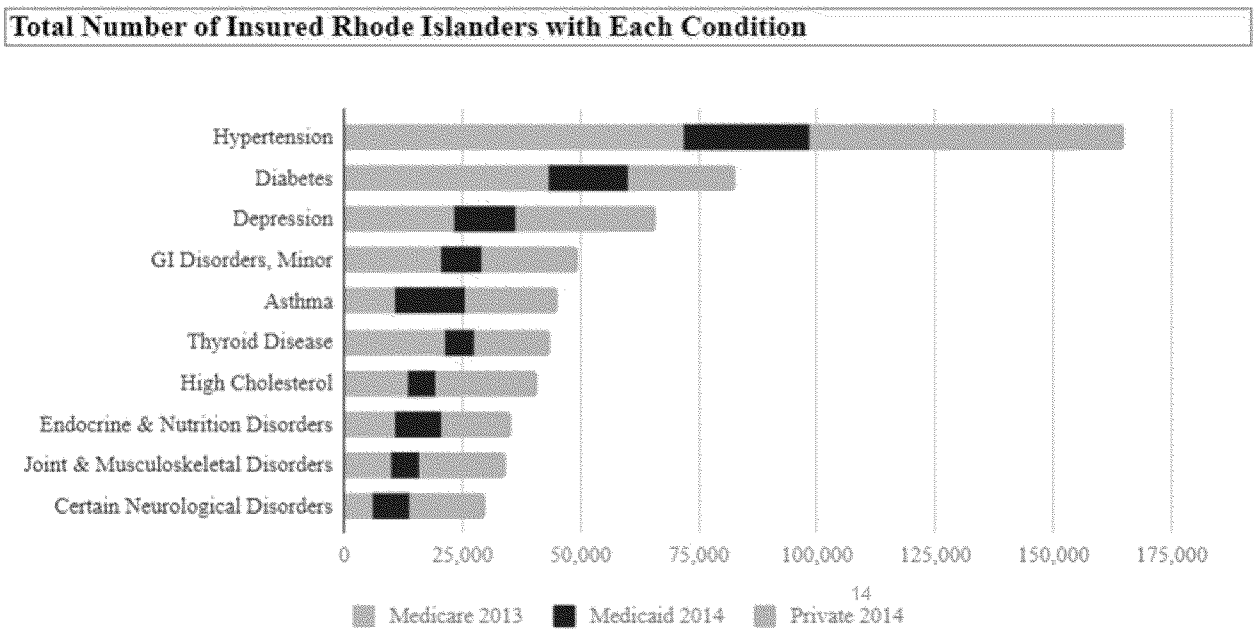
Health Care (Access & Needs)

Chronic conditions are medical conditions that last more than a year, require ongoing medical attention and/or limit daily life activities. The number of people living with two or more chronic conditions has increased over the last two decades. Adults with multiple chronic conditions represent one of the highest-need segments of the population, since each of their chronic conditions is likely to require extra medication and monitoring.

High blood pressure and diabetes are both the two most common and two most expensive chronic conditions in Rhode Island.

Depression is the third most common chronic condition among insured residents, with approximately 66,000 Rhode Islanders diagnosed (about 7% of the population), and many others undiagnosed.

Top 10 Most Common Chronic Conditions in Rhode Island



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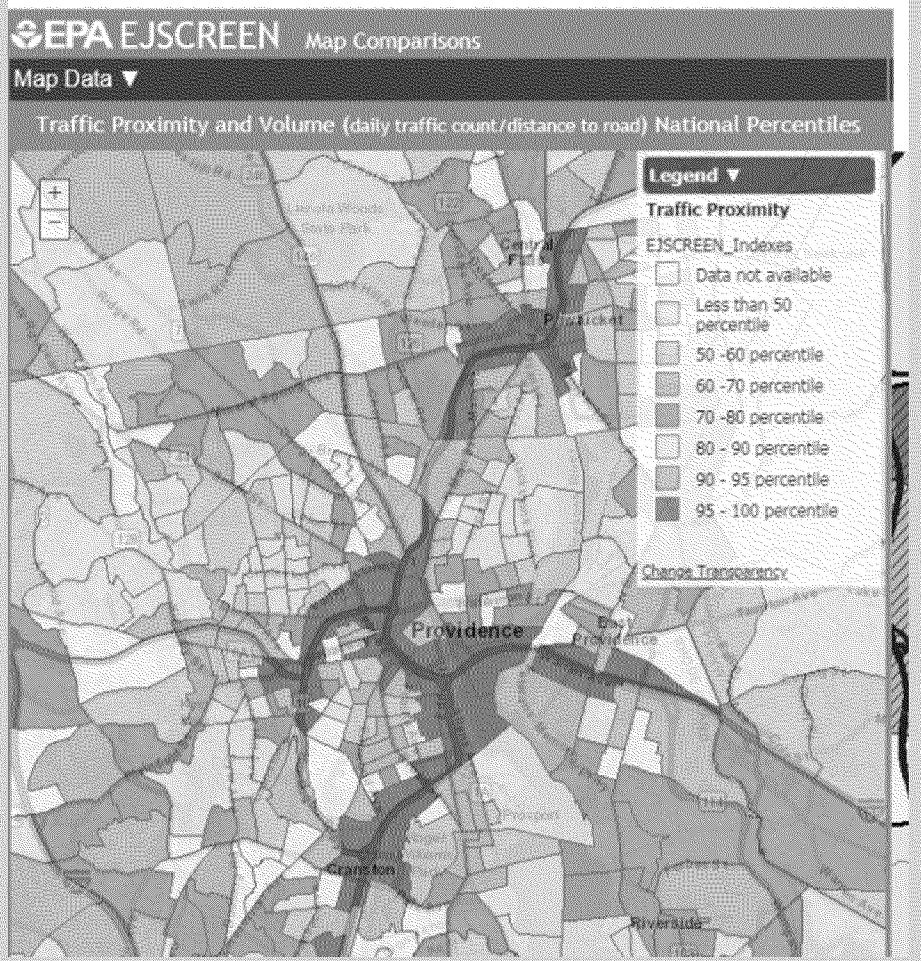
Street Safety, Community Violence, Noise Level & upkeep in 02905

Highlights from Survey

- Surveys mentioned - Speeding and reckless driving, accidents and traffic, noisy cars, and trash in the streets.
- Safety & Violence: Included responses such as those that noted dangerous people, shootings, alcohol and substance use, and domestic violence
- Building Upkeep & Landlords: Included responses such as those that noted things looking old, not taken care of, fixing things that look bad, and old buildings looking unappealing



Exposure to Traffic (compared to rest of US)



Street Safety, Community Violence, Noise Level & upkeep in 02905

Broad Street as a Sample of impact of high density in 02905..

- 30,000 people live within 1/3 mile of Broad Street (less than a 10 minute walk) and 25% of households do not have a car, which is higher than the statewide average.
- Between 2009 and 2017, Broad Street had the most crashes out of any corridor in Providence, with **104** people walking or biking involved in a car crash between 2009 and 2017. 11 of those crashes resulted in a fatal or serious injury to someone walking or riding a bike.
- According to Census data, 40% of Broad Street community residents today commute via walking, biking, carpooling, or taking the bus.



From Providence Streets Coalition

Environmental Health in 02905

- About a dozen polluters are routinely listed in the Environmental Protection Agency's Toxics Release Inventory for the city's 02905 zip code. This section of Providence contains a greater number of polluting facilities than any other zip code in Providence County.
- Operations along the Allens Avenue waterfront include a hot-mix asphalt plant that emits compounds linked to child development disorders and to cancer, and an oil terminal that emits similar pollutants and other toxins linked to neurological and respiratory disorders.The area is also home to chemical-processing plants. At one facility operated by a packager and distributor of specialty chemicals, some 3 million pounds of chemicals, such as chlorine, ammonium, and formaldehyde, are stored.



- Pawtucket, Central Falls, and Providence have the lowest percentage of tree canopy cover, each with less than 18% of landmass with tree canopy cover

EcoRI.org

Air Toxics: Diesel Particulate Matter

Respiratory Hazard Index



RI Asthma State Plan RIDOH & Community Asthma Presentation by RIDOH

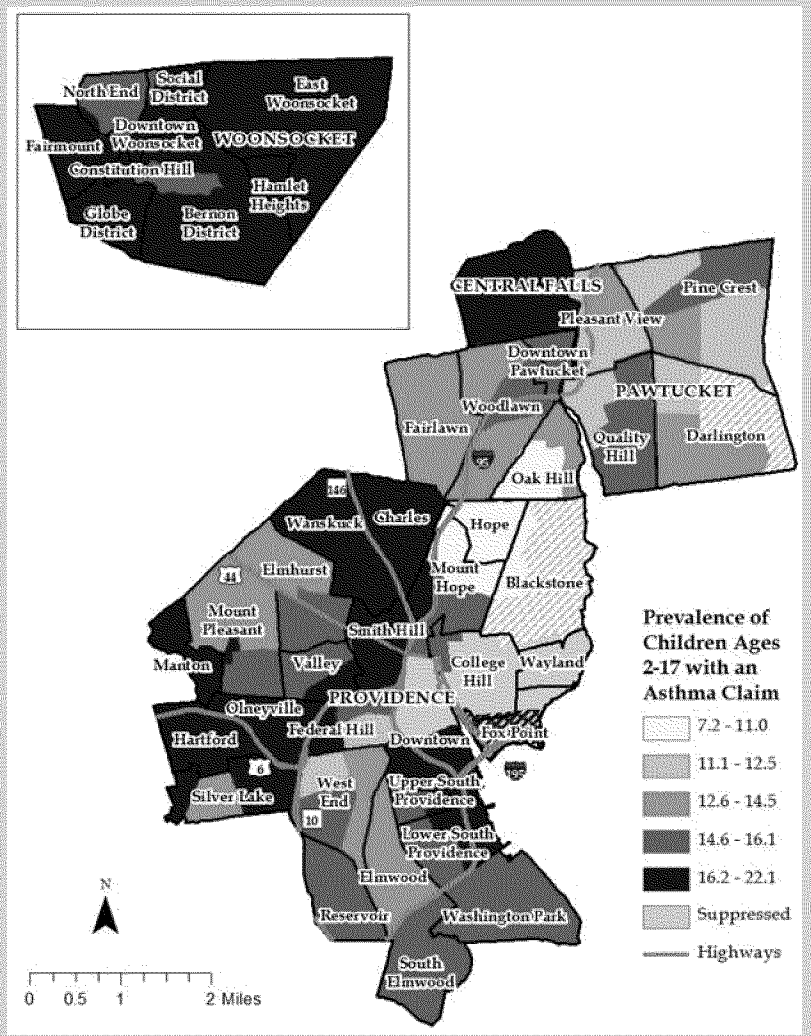
Environmental Health

Health Impacts : Asthma

- In Rhode Island, 10.9% of children have asthma, the 9th highest prevalence in the nation
- Black children and Hispanic children are more likely to visit the emergency room or be hospitalized due to asthma
- Over 70% of pediatric asthma emergency department visits in Rhode Island are children on Medicaid

RI Asthma State Plan RIDOH & Community Asthma Presentation by RIDOH

Asthma Hotspot Prevalence in Core Cities



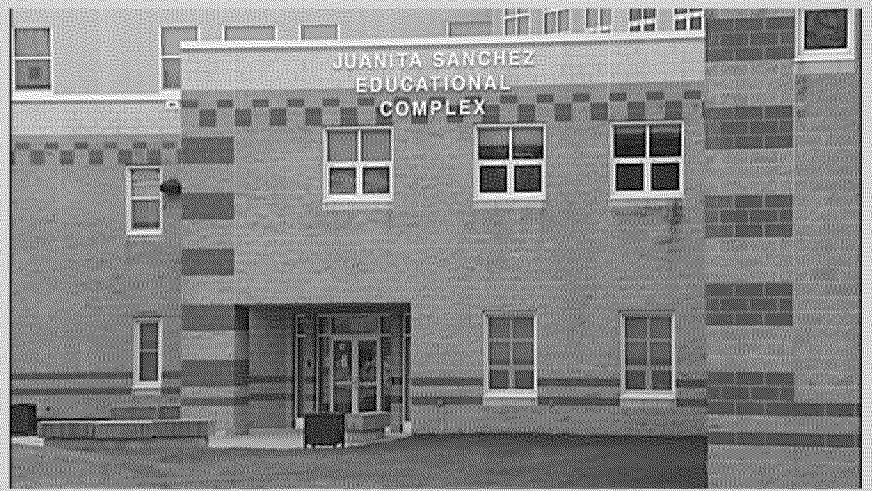
Youth Health

Themes from Literature Review

- Theme from survey “Making Things Better for the Kids”: Included responses such as those that noted lack of things for children to do, schools needing more resources, and updating playgrounds.

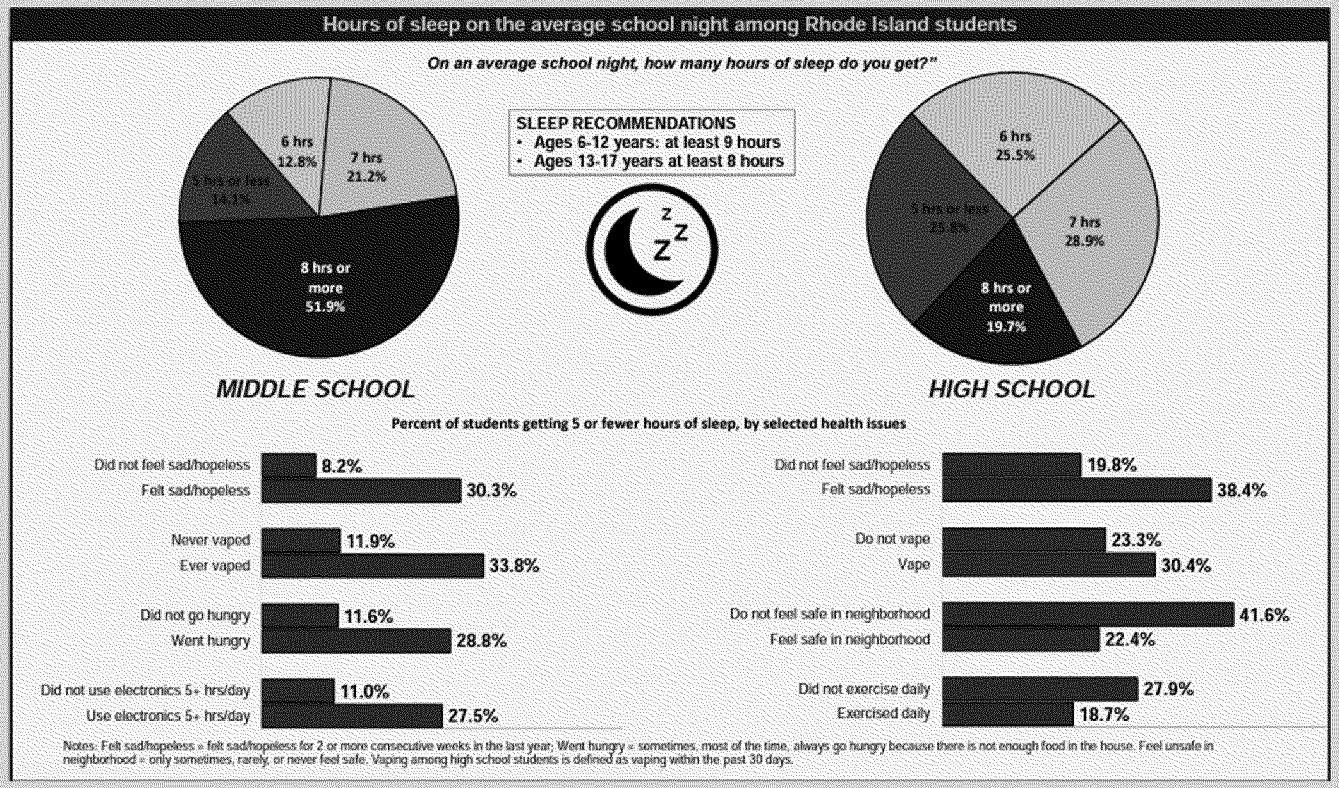
Supporting Facts…

- **42%** of **Providence's public school students** were chronically absent, (Cityhealth dashboard) (Missing more than 15 days in 2019)
- 35.1% of children in 02905 live in households earning the federal poverty level. Kids Count
- In State Fiscal Year (SFY) 2021, 29% (31,394) of children under age 19 enrolled in Medicaid/RIte Care had a mental health diagnosis. Of those children with a mental health diagnosis, 18% were ages five and under, 43% were ages six to 12, and 39% were ages 13 to 18. In addition, 42% were females and 58% were males.19 – KIDS COUNT-RHODE ISLAND
- 13.6% of children in Providence are overweight and 22.4% are obese – Kids count



- The graduation rate among economically disadvantaged students in Rhode Island was 76%, compared to 93.4% among students who were not economically disadvantaged.
- Almost half of (49%) high school students have used an e-cigarette and three in ten (30.1%) high school students currently use e-cigarettes.

https://health.ri.gov/data/healthequity



High School risk behavior by demographic groups, 2019

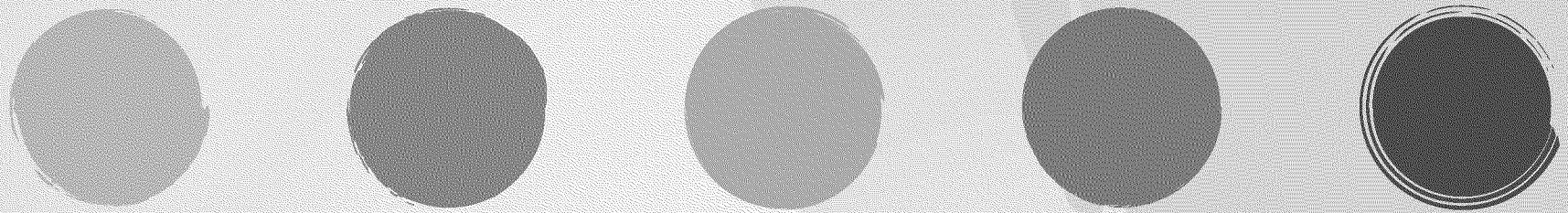
Tobacco Use	Overall	Black	Hispanic	White	LGB	Straight	Disability	No disability	Male	Female
Ever used e-cigarettes	48.9%	42.4%	42.2%	53.4%	56.3%	49.6%	53.6%	47.6%	46.0%	51.5%
Currently use e-cigarettes	30.1%	18.0%	20.1%	36.4%	37.3%	30.1%	35.2%	28.3%	28.4%	31.2%
Currently use cigarettes	4.2%		4.9%	4.1%		3.4%	6.0%	3.2%	5.7%	2.3%
Use any tobacco product	33.3%	23.0%	25.4%	38.2%	39.4%	33.0%	37.3%	31.5%	32.8%	32.9%

https://health.ri.gov/data/healthequity

Literature Review Resources

- The Economic Research Service US Department of Agriculture's Food Access Research Atlas
- The economic innovation group
- City Health Dashboard
- Providence Streets Coalition
- RI Asthma State Plan
- Community Asthma Presentation by RIDOH
- RIDOH Overdose Surveillance Health Hub
- RIDOH Health Equity
- South Side Summit
- Americas Health Rankings
- Climate Justice Plan Report by the City of Providence
- Eco RI
- Migration Policy
- Rhode Island Food Bank
- RI Food Council

Next Steps & Reflections



Immediate Reflections

Notes:

How many health priorities do we want?

Notes:

How should we share this information with the public?

Notes:

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Special Considerations:

This application warrants special consideration as Providence Community Libraries is located in Providence, Rhode Island. Providence is located in an area vulnerable to climate change, has a large low income community, has a large ethnic minority community, and the largest expenditure in this application would improve community resiliency. One of the community partners in this grant who has written a letter of support is the City of Providence Emergency Management Agency & Office of Homeland Security. South Providence Library and Mount Pleasant Library are hubs for information distribution, testing and vaccination, and we are open to all 200,000 members of the city. The new HVAC unit will be installed in South Providence, which is an area that serves a predominately Hispanic population. However, all Providence Community Libraries serve the city and its residents.

Under other components of this grant, will work towards addressing health issues through the South Providence Health Equity Zone (SPHEZ). The SPHEZ has conducted a community assessment to analyze the health needs of the South Providence community. As an in-kind donation, the SPHEZ will utilize Health Impact Assessments Guidance to update its existing data.

EJCPS Blank Logic Model

Resources/ Inputs	**Activities**	**Outputs**	**Audience**	**Short-term Outcomes** (6-12 months)	**Intermediate Outcomes** (12-24 months)	**Long-term Outcomes** (2+ years)
• Staff Time • In-kind contributions • South Providence HEZ • Providence Emergency Management Agency (PEMA) • Groundwork Rhode Island	• Replace current HVAC at South Providence with Heat pumps • Charging station installation • Host air quality workshops • Host environmental workshops • Collaborate with HEZ to promote health needs of the community • Work with PEMA to keep library open during emergencies • Host gardening and food/health workshops with Groundwork RI	• Reduced energy usage at South Providence Library • Charging station availability • Host (8) quarterly HEZ workshops on improving health in South Providence • Host an average of (8) workshops on health, nutrition or gardening • Reach 100 people through community programming • Creation of bilingual promotional literature • Have air quality sensors available for checkout at libraries across Providence • Create bilingual tutorial videos for understanding air quality readings • Free seeds for gardeners	• English speaking teens 13-18 in Providence, RI • Spanish speaking teens 13-18 in Providence, RI • English speaking adults 18+ in Providence, RI • Spanish speaking adults 18+ in Providence, RI • Providence Community Libraries Staff	• Increase awareness of indoor air quality • Create more environmental health programming • Increase community stakeholders in HEZ • Improve energy efficiency at South Providence • Increased food/health workshops across Providence • Increase total people reached through programming • Serve as an emergency heating and cooling center	• Increase amount of staff who use electric vehicles • Analyze data from air quality sensors to create more targeted bilingual videos • Maintain food/ environmental/health programming • Further increase people reached through programming • Serve as an emergency heating and cooling center	• Increase average amount of viewers for videos created for this program • Transition staff vehicles to electric vehicles • Serve as an emergency heating and cooling center

Manifest for Grant Application # GRANT13862118

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 35694 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16143 bytes)

2. Form SF424A-V1.0.pdf (size 23506 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40349 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15919 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23996 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37320 bytes)

Attachments Included in Zip File (total 12):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-mt pleasant library.docx application/vnd.openxmlformats-officedocument.wordprocessingml.document (size 15130 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-Community Assessment Summary Prez (Eng).pdf application/pdf (size 3065800 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-Support Letter for South Providence Library3.24.23.docx application/vnd.openxmlformats-officedocument.wordprocessingml.document (size 1426291 bytes)

4. SF424_4_0 SF424_4_0-AdditionalProjectTitle-1245-Special considerations.pdf application/pdf (size 15118 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-Groundwork.pdf application/pdf (size 45825 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1242-EJCPS Blank Logic Model Template .pdf application/pdf (size 71247 bytes)

7. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-Estimate_1099_from_Cassana_HVAC.pdf application/pdf (size 23961 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-Special considerations.pdf application/pdf (size 15118 bytes)

9. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1243-EPA Grant 2023 Workplan.pdf application/pdf (size 205283 bytes)

10. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-Letter of Support South Providence and Mount Pleasant Libraries_Signed.pdf application/pdf (size 207071 bytes)

11. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1244-Special considerations.pdf application/pdf (size 15118 bytes)

12. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1234-EPA Grant 2023 Workplan.pdf application/pdf (size 205283 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1234-5. EPA EJ 2023 SoundWaters Narrative.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1236-5. EPA EJ 2023 SoundWaters Narrative.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1.		$	$	$	$	$
2.						
3.						
4.						
5. Totals		$	$	$	$	$

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Prescribed by OMB (Circular A -102) Page 1

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1)	(2)	(3)	(4)	Total (5)
	N/A				
a. Personnel	$ 234,525.00	$	$	$	$ 234,525.00
b. Fringe Benefits	44,772.00				44,772.00
c. Travel	17,250.00				17,250.00
d. Equipment	0.00				0.00
e. Supplies	7,200.00				7,200.00
f. Contractual	0.00				0.00
g. Construction	0.00				0.00
h. Other	75,000.00				75,000.00
i. Total Direct Charges (sum of 6a-6h)	378,747.00				$ 378,747.00
j. Indirect Charges	37,875.00				$ 37,875.00
k. TOTALS (sum of 6i and 6j)	$ 416,622.00	$	$	$	$ 416,622.00
7. Program Income	$ 0.00	$	$	$	$ 0.00

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SECTION C - NON-FEDERAL RESOURCES				
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8.	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$	$	$	$	$
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$	$	$	$	$

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT				
(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)			
	(b)First	(c) Second	(d) Third	(e) Fourth
16.	$	$	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$	$	$	$

SECTION F - OTHER BUDGET INFORMATION	
21. Direct Charges:	22. Indirect Charges:
23. Remarks:	

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Logic Model **SoundWaters *Taking It To The Streets***

Inputs/Resources (What you invest)	**Project Activities/ Workplan Tasks** (What you do)	**Outputs** (What you produce or deliver and to whom)	**Audience** (Who you reach)	**Outcomes and Status** (The desired results or effects)		
				Short-Term (6-12 months)	Medium-Term (12-24 months)	Long-Term (2+ years)
5 SoundWaters Staff (President, VP of Programs, Community Coordinator, Fleet Manager, Schooner Captain) Partner Organization leader time Community volunteers time SoundWaters Resources: Meeting Space, Schooner Kayaks Marina Trash Skimmer	SW educates & trains five partners on marine debris and clean-ups Five partners promote and recruit community volunteers Community kick-off event Five partners conduct 5 clean-up events per year Partners gather data and photos from clear-ups Partners volunteer at SoundWaters Trash Skimmer Partners sail on Schooner *SoundWaters* Partners learn to kayak & pick up trash in LIS SW, partners and stakeholders evaluate results and modify plans for following year	Partner leaders are educated, motivated and prepared to engage their communities in trash pick-up. Year 1: 25 clean-ups engage 1-2,000 volunteers in underserved communities. Year 2: 25 clean-ups engage 1-2,000 volunteers in underserved communities Year 3: 25 clean-ups engage 1-2,000 volunteers in underserved communities Est. 2-3,000 lbs of trash removed from streets before it can run into LI Sound. 40 volunteers remove over 40 lbs of debris from trash skimmer 60 volunteers remove over 60 lbs. of trash from LIS	Neighborhood leaders Federal, State & City officials Residents of underserved neighborhoods Wider community through promotional / media coverage	Underserved neighborhoods galvanized by taking action to clean their streets Community engaged in neighborhood clean-ups and marine debris prevention Increased awareness about marine debris 1-2,000 underserved residents motivated to contribute time & effort to improve their neighborhoods 2-3,000 lbs of trash removed from streets of underserved neighborhoods	Increased awareness and knowledge about marine debris Increased number of residents participate in clean-up activities. Improved conditions in neighborhood attract positive attention from within and from other neighborhoods.	Residents of underserved neighborhoods are galvanized behind a positive cause. Neighborhood leaders confident and empowered to rally neighborhood residents Residents are more motivated to be positive change agents in their neighborhoods. Neighborhoods are noticeably and consistently more clear of trash Residents of underserved neighborhoods are more likely to pick up trash from the street.

ED_016126_00000151-00001

SoundWaters, Inc. Application for EPA-OEJECR-OCS-23-01

Areas Affected by Project:

City of Stamford, Connecticut 06901and 06902

Manifest for Grant Application # GRANT13861716

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 26246 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16149 bytes)

2. Form SF424A-V1.0.pdf (size 22405 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 48298 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15926 bytes)

5. Form SF424_4_0-V4.0.pdf (size 24092 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37319 bytes)

Attachments Included in Zip File (total 8):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-6 a. EPA EJ 2023 BUDGET NARRATIVE SoundWaters.pdf application/pdf (size 251848 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1234-5. EPA EJ 2023 SoundWaters Narrative.pdf application/pdf (size 391618 bytes)

3. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1239-6 d. EPA EJ 2023 SoundWaters Resumes.pdf application/pdf (size 968566 bytes)

4. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1240-6 e. EPA EJ 2023 SoundWaters 501(c)(3).pdf application/pdf (size 254743 bytes)

5. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1236-5. EPA EJ 2023 SoundWaters Narrative.pdf application/pdf (size 391618 bytes)

6. SF424_4_0 SF424_4_0-1241-Areas Affected by Project.pdf application/pdf (size 3742 bytes)

7. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1237-6 b. EPA EJ 2023 Logic Model SoundWaters.pdf application/pdf (size 57767 bytes)

8. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1238-6 c. EPA EJ 2023 SoundWaters Commitment Letters.pdf application/pdf (size 3983513 bytes)

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: AUG 10 2015

SUENOS BASKETBALL
17 WESLEY STREET
LAWRENCE, MA 01841-0000

Employer Identification Number:
47-4540840
DLN:
26053618001885
Contact Person:
CUSTOMER SERVICE ID# 31954
Contact Telephone Number:
(877) 829-5500
Accounting Period Ending:
December 31
Public Charity Status:
509(a)(2)
Form 990/990-EZ/990-N Required:
Yes
Effective Date of Exemption:
July 08, 2015
Contribution Deductibility:
Yes
Addendum Applies:
No

Dear Applicant:

We're pleased to tell you we determined you're exempt from federal income tax under Internal Revenue Code (IRC) Section 501(c)(3). Donors can deduct contributions they make to you under IRC Section 170. You're also qualified to receive tax deductible bequests, devises, transfers or gifts under Section 2055, 2106, or 2522. This letter could help resolve questions on your exempt status. Please keep it for your records.

Organizations exempt under IRC Section 501(c)(3) are further classified as either public charities or private foundations. We determined you're a public charity under the IRC Section listed at the top of this letter.

If we indicated at the top of this letter that you're required to file Form 990/990-EZ/990-N, our records show you're required to file an annual information return (Form 990 or Form 990-EZ) or electronic notice (Form 990-N, the e-Postcard). If you don't file a required return or notice for three consecutive years, your exempt status will be automatically revoked.

If we indicated at the top of this letter that an addendum applies, the enclosed addendum is an integral part of this letter.

For important information about your responsibilities as a tax-exempt organization, go to www.irs.gov/charities. Enter "4221-PC" in the search bar to view Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, which describes your recordkeeping, reporting, and disclosure requirements.

Letter 5436

SUENOS BASKETBALL

Sincerely,

Jeffrey I. Cooper
Director, Exempt Organizations
Rulings and Agreements

Letter 5436

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1237-Project CLEAR.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1234-Time For Change support letter for Suenos Bas

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Project Clear FY24		$	$	$ 75,000.00	$	$ 75,000.00
2. Project Clear FY25				75,000.00		75,000.00
3.						
4.						
5. Totals		$	$	$ 150,000.00	$	$ 150,000.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total
	(1) Project Clear FY24	(2) Project Clear FY25	(3)	(4)	(5)
a. Personnel	$ 30,375.00	$ 30,375.00	$	$	$ 60,750.00
b. Fringe Benefits	3,375.00	3,375.00			6,750.00
c. Travel					
d. Equipment					
e. Supplies	9,750.00	9,750.00			19,500.00
f. Contractual	6,750.00	6,750.00			13,500.00
g. Construction					
h. Other	17,250.00	17,250.00			34,500.00
i. Total Direct Charges (sum of 6a-6h)	67,500.00	67,500.00			$ 135,000.00
j. Indirect Charges	7,500.00	7,500.00			$ 15,000.00
k. TOTALS (sum of 6i and 6j)	$ 75,000.00	$ 75,000.00	$	$	$ 150,000.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Project Clear FY24	$	$	$	$
9. Project Clear FY25				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$	$	$	$	$
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$	$	$	$	$

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Project Clear FY24	$ 75,000.00	$	$	$
17. Project Clear FY25	75,000.00			
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 150,000.00	$	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges:

23. Remarks: Each organization will have one staff member dedicate a portion of their time to this project for a total amount of $67,500 for the two fiscal years.

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Project Title: **Lawrence CLEAR Initiative**: Community Learning about Environmental Action and Resources

Project Location: Lawrence, Massachusetts

Applicant Information
Suenos Basketball
2 Linden Street
Lawrence, MA 01841
Joselyn Marte - Grants Manager

Brief Description of Applicant Organization –

Suenos Basketball is a well-established, Latino and Lawrencian-led nonprofit providing hundreds of youth year-round basketball, education, leadership, wraparound and family support services. Suenos was founded in 2015 with the goal to use sports to build the character, exposure and skills of Lawrence youth and their families. Our primary mission is to contribute to the holistic development of the youth of Lawrence through the sport of basketball.

Are you applying for the Small CBO Set Aside Track for $150,000 projects? YES

Project Abstract:
The Lawrence CLEAR Initiative is designed to challenge traditional notions of environmental justice (EJ) by leaning on the definitions of EJ set forth by activists on the ground in Warren County North, Carolina. While this movement is largely framed as a "traditional" EJ movement, issues such as race, poverty, and power were actively addressed by the NAACP, local universities, students, and the faith-based community in a multi-racial coalition led by Black and Indigenous people (McGurty, 2007). Though distinctly different, residents of Lawrence, (like those still residing in Warren County), continue to face issues that intersect race and power, additionally complicated by language inaccessibility and ongoing challenges to one's belonging given the high number of individuals in our community born on Caribbean soil.

The CLEAR initiative is a multipronged, community driven movement intended to promote community connection and engagement which will include training, education and learning circles, mentoring, and public policy advocacy. The program will be specifically targeted toward lower income residents whose primary language spoken at home is Spanish. The population will include youth at risk for being involved in the criminal legal system, youth impacted by the criminal legal system, formerly incarcerated individuals, those at risk for incarceration, those dealing with recovery, English language learners, and residents impacted by environmental justice issues. While historically, efforts have been made to engage the community, the work is often done by others who are non-resident, non Spanish speaking individuals who lack connection and cultural competence to provide impactful, sustainable programs for our

residents. The CLEAR initiative partnership involves many resident-based organizations that are aware of the needs of the community through lived experience and non-profit expertise. Suenos Basketball is the lead applicant. Learning activities will include workshops on understanding EPA's EJ screening tool. This program works with at-risk youth by providing sports, academic, and emotional support for students and parents.The Dream Network is a secondary applicant organization that focuses on racial, social, educational, environmental and economic justice through the lens of those impacted by the criminal legal system. Time for Change Ministry is also a secondary applicant and a faith-based organization that works with individuals in recovery from substance use disorders and their families.

The environmental issues to be addressed through public education and policy, co-learning and training programs include the health impacts and risks from polluting facilities and sources disproportionately located in Lawrence and exposing a predominantly immigrant of color community to hazardous waste facilities and other polluting sources, including Risk Management Plan (RMP) facilities, superfund facilities, underground storage tanks, diesel particulate matter sources, lead exposure, and traffic proximity. This circle and mentoring training program will address the harm caused by these sources and will lead to activism and policy change in the grassroots Lawrence community.

Project Type: Training, mentoring, and public education

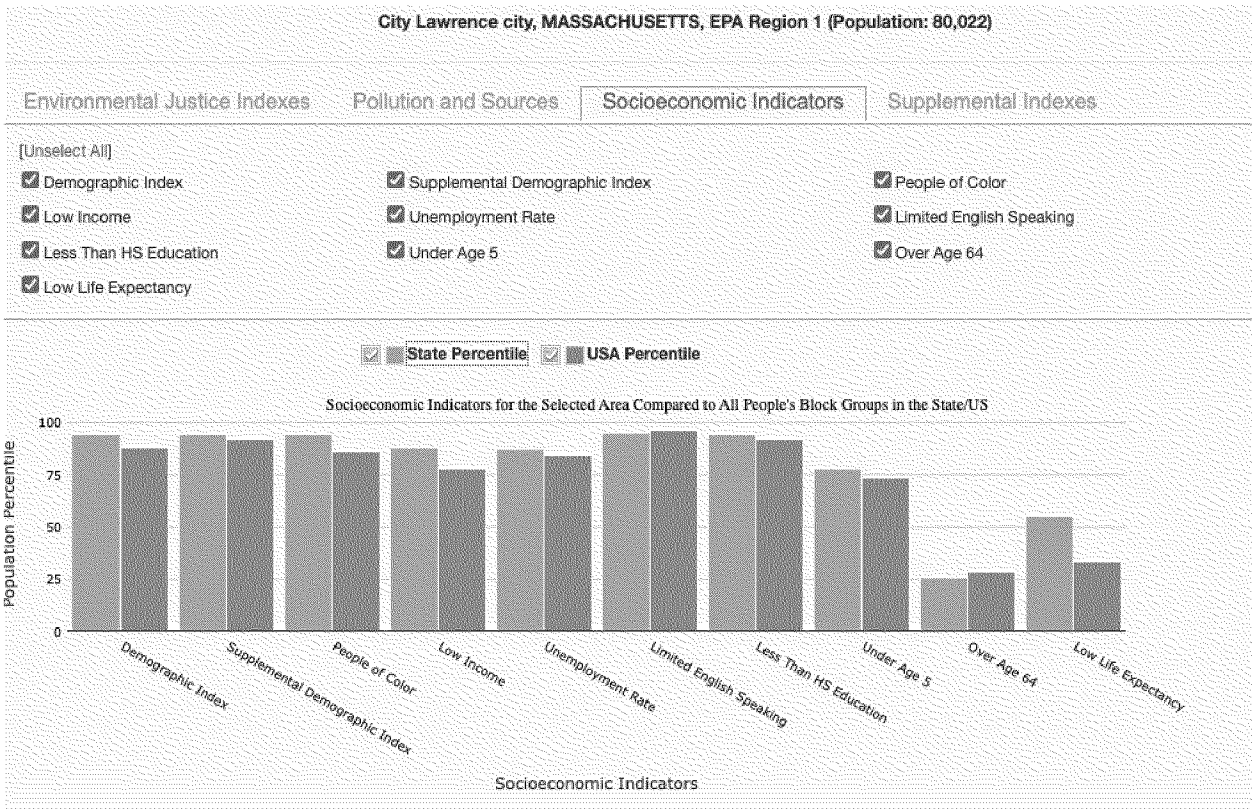
List of Project Partners: Suenos Basketball, Time for Change Ministry, The Dream Network

Describes and characterizes the underserved community directly impacted by disproportionate environmental and/or public health harms and risks and how the community is impacted by those harms and risks (i.e., Who is the community comprised of and what are the disproportionate environmental and/or public health issues they experience?):

Located approximately 25 miles northwest of Boston, Massachusetts, Lawrence sits on the banks of the Merrimack River. Nicknamed the "Immigrant City", Lawrence has been celebrated for being symbolic of the "great melting pot", due in part to its reputation of welcoming eastern European immigrants to the city at the turn of the 20th century. Known for its grit and determination, Lawrence is perhaps best known for its role in sparking the modern-day labor movement through the Bread and Roses strike of 1912 (Ross, 2003). For decades after the strike, Lawrence was celebrated for its multi-ethnic attributes.The city's industrial roots were powered by a network of canals moving water through raceways under the mills and powering the mill machines through a system of belts and wheels. After WWII, however, the city's textile manufacturing power was in decline and experienced widespread disinvestment. Many of the Eastern European immigrants left the city for the surrounding suburbs and a short time later, a small group of Cuban and Dominican Immigrants as well as Puerto Rican residents relocated to the city seeking work in the few remaining mill buildings. By the 1970's significant groups of Caribbean Latinos began moving up from New York, changing the literal face of the beloved "Immigrant City". Lawrence, has had 273 Brownfield sites over the years. This city, renowned for

textile and paper production, saw factories shut down, resulting in jobs leaving town with the demise of the New England manufacturing industry.

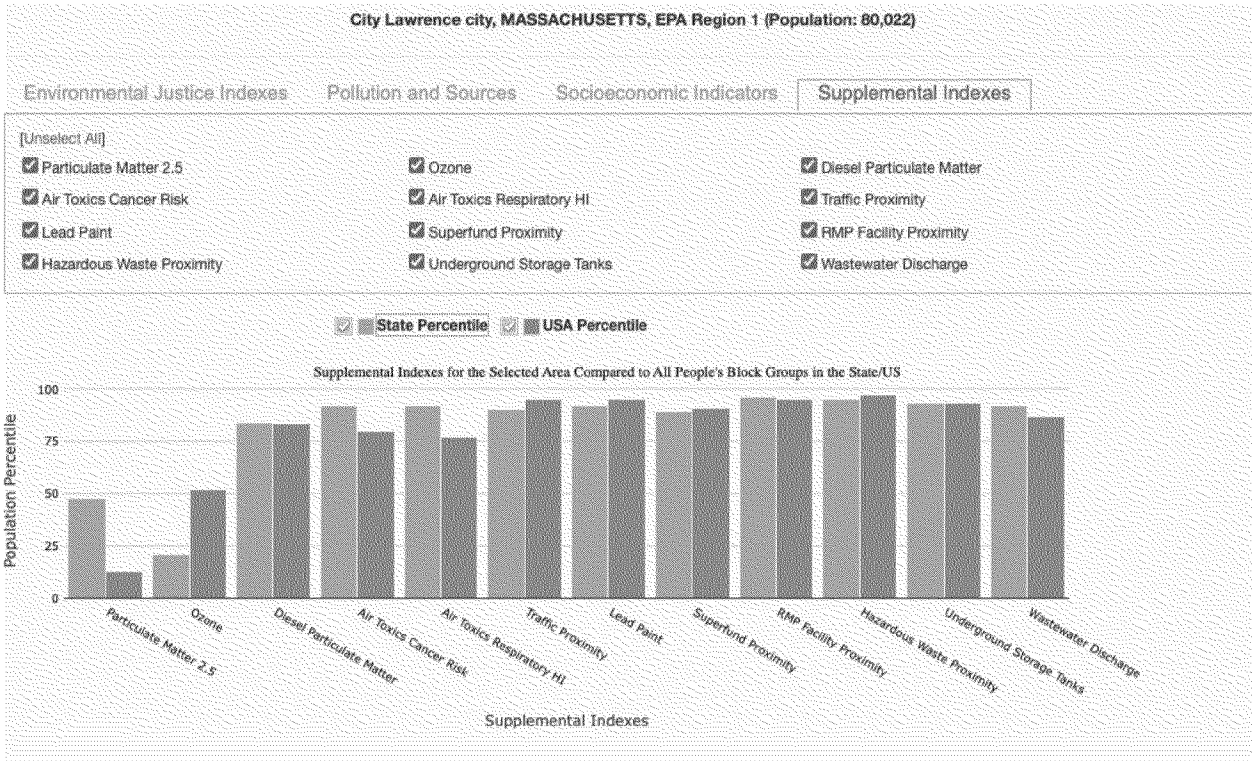
Today, Lawrence is one of the most economically distressed areas in Massachusetts. Its reported per capita income was $23,316 in 2020, significantly lower than the state average of $48,617 and notably lower than the national average of $59,763. Approximately 20 percent of Lawrence residents live in poverty. As of 2020, 30 percent of Lawrence residents over 25 years old did not finish high school, making the average Lawrence education level dramatically lower than both the state average (8.8 percent) and the national average (14 percent). Lawrence also has a unique demographic. In Lawrence, the predominant language spoken at home in 2020 was Spanish, among 68% of the population. English-speaking homes in Lawrence make up a mere 25% of all households, a dramatic deviation from the state of Massachusetts, which reported 76% percent English-speaking households, and 80% nationally.



Describes the local environmental/public health issue(s) that the project seeks to address:

The CLEAR project will facilitate educational co-learning environments to explore and provide instruction on the EPA's EJScreening tool. Additionally, we will raise awareness on the health impacts and risks of heightened traffic proximity including asthma onset and aggravation, cardiovascular disease, reduced lung function, impaired lung development in children, preterm and low birth weight infants, childhood leukemia and premature death. Using community

learning circles, mentoring, and ambassadors, the CLEAR initiative seeks to promote awareness, and connection to current environmental stressors and socio environmental factors that exist within the city.



Describes the local environmental/public health results the project seeks to achieve and how will the underserved community benefit from those results

Historically, marginalized and Spanish-speaking Lawrence residents have not had access to environmental, collaborative, co-learning opportunities, nor have they had access to power. More importantly, resident and impacted person-led EJ initiatives and leadership opportunities are limited. The CLEAR initiative seeks to change this dynamic by increasing awareness of justice issues and providing opportunities to promote policy change to improve the quality of life for all residents. Residents will benefit from having increased knowledge, autonomy, and decision making in order to change policy and address inequities that exist in EJ advocacy. Ultimately increased awareness of EJ issues will lead to increases in equity in the social environment. Data will be collected to document increases in group and community efficacy in the city.

If you believe that any of the "other factors" for special consideration in Section V apply include additional details about how your application addresses those factors in this section

The applicant must include relevant information such as demographics, geographic location, and community history. We strongly encourage the use of EPA's EJSCREEN tool (or other EJ-based mapping tool) to help you characterize and describe your target community. Data from other sources (e.g., studies, census, and third-party reports) should also be included to give a more complete picture of the impacted communities and populations. Instructions and resources on how to use EJSCREEN are included at the hyperlink above

Suenos Basketball has worked with over thousands of kids since its inception, many who come from public housing facilities located in the parts of the city that are facing cumulative impacts and the health consequences of multiple polluting facilities sited within the same mile radius. In addition to engaging the kids through the basketball program, Suenos works with their families and communities raising the kids to build consciousness and awareness of their environmental injustices and health inequities. Most of the kids that we work with are immigrants of color from the Caribbean, Latin America and African continent. For example, within the last year, we co-hosted with the Dream Network and Time for Change ministries, a large community meeting focusing on the environmental injustices faced by Suenos kids and their families in the education environment, with Lawrence gas explosion crisis, and small business environment. Suenos kids played a major role in helping facilitate the conversation, translate and provide feedback on behalf of the youth worried about these environmental injustices.

Suenos Basketball invited a Massachusetts Assistant Attorney General for Environmental Justice to facilitate a discussion and reflection about the realities our youth are facing as it relates to environmental injustices in Lawrence. This was a very lively conversation and it involved the kids deconstructing what environmental justice means in their world. Suenos is committed to continuing and expanding these discussions into a series as part of a larger environmental justice leadership program.

The Dream Network (TDN) is a racial, social, environmental and educational justice organization that does our work through the lens of those impacted by the criminal legal system. In the past year, we have reached over 200 residents to facilitate justice conversations, including having a conversation with the AGO's office of Massachusetts to discuss EJ matters. TDN also helps facilitate a statewide, grassroots EJ coalition that aims to connect the impact of disinvestment and racism on marginalized communities across the Commonwealth. One of the impacts of gateway city disinvestment and "so called" urban renewal is the uncontrolled sprawl and simultaneous absence of living wage jobs. Often, our residents don't even get the opportunity to participate in the high-paying union jobs that are created as a part of this "renewal" building boom. To address this issue, TDN partnered with the local workforce development agency, MassHires, to create a job training and safety program for formerly incarcerated individuals. One hundred percent of the participants completed the program, and 92% remained free from incarceration 2-years post program training. We believe EJ is racial, economic, and social justice.

Time for Change Ministry creates a safe space that provides support to individuals and families who have been affected by addictions. Since 2013, Time for Change has helped individuals and their families navigate the complexities of recovery. Time for Change believes that with commitment, love and loving support, addiction can be stabilized and peace restored to individuals, families and communities.

Time for Change support groups are encouraged to be safe places where participants learn the importance of kindness and open-mindedness. Support group participants share their knowledge and experiences to help others survive and succeed. For some, this fellowship is the first time they have experienced unconditional acceptance.

(1) History of your organization's involvement with the underserved community, including duration of involvement and circumstances that led to your organization's involvement;

Suenos Basketball has been serving the youth of Lawrence since 2015. We have developed programming that includes basketball skills and drills, tournaments, both locally and internationally, AAU competition, after school programs, academic support, trauma-informed leadership training, environmental justice project-based learning, assistance with private school and postsecondary institutions application process, summer youth work, internships, family wraparound services and support. We have collaborated with many local organizations in an effort to support our youth that include the Lawrence Police Department, Lawrence Fire Department, Mass Hire Merrimack Valley Career Center, Northern Essex Community College, Ateneo Dominicano, Instituto Cultural de Puerto Rico, The Dream Network, Time for Change Ministry, and the City of Lawrence. As an organization whose main mission is to prepare our youth to take on leadership responsibility within their community, we felt compelled to engage in environmental justice conversation as a way to get them involved and opportunities to lead in the changes their community needs. The specific circumstances that led to more environmental programming were conversations that we held with our youth about the challenges they have observed and experienced in their environment including mental health challenges, community violence, school safety, gas explosion. This feedback from our youth led Suenos to seek an intersectional and cumulative way to assess all of these injustices in different environments under an inclusive lens, an environmental justice lens.

(2) How your organization has worked with the underserved community's residents and/or organizations to address local environmental and public health issues currently or in the past and what are some of the results of that work. Include information about recent efforts in the community, if any, that have sought to address the disproportionate issues you described in 1.b.

One of the ways our organization has worked with the residents of Lawrence to address local environmental and public health issues in the past was when we led a community outcry over a

park design project that was not properly remediated. The youth of the city that played soccer were directly impacted by this matter because they found themselves unable to use a brand new soccer field because it was not completed appropriately and safely. The remediation wasn't completed properly and a lot of toxic materials surfaced when they tried to play in the finished field.

Suenos Basketball, the Dream Network and Time for Change Ministry collaborated to provide a community justice talk on environmental justice in the educational environment, small business environment and the gas/energy environment in Lawrence. Over 150 residents participated and engaged in lively discussion about their concerns while employees of the Massachusetts Attorney General office listened. As a result, our three organizations are committed to continuing to increase awareness about how to remain safe in these environments and the rights the residents have to seek healthier circumstances.

(3) Community Driven Participation - How the underserved community's residents and/or organizations were involved in developing the current project plan and are part of the decision-making process.

By reaching out to youth currently engaged in each respective organization, the CLEAR initiative will engage in an education and mentoring program. Central to this process will be community learning circles that create opportunities for residents to share lived experience knowledge and scientific/academic knowledge in a co-learning space. Because the CLEAR initiative involves organizations that are resident-led, all of the decisions will be made by impacted people. We will use consensus building as a way to make decisions.

Demonstrates that one or more of the seven elements of the EJCPS Model will be undertaken for this project, and the reasonableness and achievability of the associated timeline and milestones for each element selected. This includes how the identified elements will be and/or are being applied to execute the project. If applicable, applicants will also evaluate the extent to which any of the EJCPS Model element(s) associated with this project may have already begun or been accomplished.

The application will be evaluated on the extent and quality to which it:

(1) Supports EPA Strategic Plan Goal 2 (Take Decisive Action to Advance Environmental Justice and Civil Rights), Objective 2.2 (Promote Environmental Justice and Civil Rights at the Federal, Tribal, State, and Local Levels) (2 points)

Refer to link Below: https://www.epa.gov/planandbudget/strategicplan

Under this criterion, applications will be evaluated on the following subcriteria:

a. The quality and extent to which the applicant provides a clear and concise description of how the proposed project promotes collaborations with partners from multiple stakeholder groups, such as industry, business, academia, government, etc., to develop and implement solutions that will address environmental and/or public health issues at the local level. Under this criterion, EPA will evaluate:

The Dream Network has traditionally partnered with other community-based organizations, including Suenos Basketball and Time for Change Ministries, to focus on the connection between the Carceral system, anti-blackness and anti-racist practices. This collaboration has helped build a network of activists focused on systemic change in the community and region. They also worked with Lawyers Clearinghouse and Mass Bail fund to provide information and resources to the community. The Dream Network's vision is to empower our community (and one another) by promoting systems and policies that encourage diversity, inclusive and reflective leadership, and a sense of belonging by addressing economic mobility challenges. We envision a community where individuals and groups have tangible access to economic, political, and occupational opportunities. The Dream Network will contribute to the project by helping facilitate the coalition building efforts, bringing their training expertise in designing environmental workforce programs that have led to many of their participants obtaining and sustaining quality employment, and their expertise in developing and implementing mentoring activities.

Time for Change Ministry is celebrating its 10th anniversary serving individuals and families impacted by substance misuse. They have collaborated closely with both Suenos Basketball and The Dream Network to provide educational workshops to the youths of Suenos and the Dream Network participants. They are also invested in the area of environmental justice and have been an integral partner in the creation of a statewide environmental justice BIPOC warriors coalition that is focusing on challenging systems of oppression and pushing for greater accountability of funding dollars. This coalition has been meeting monthly for the past year and has created a list of environmental justice issues they want their work to focus on.

Each partner in this proposal, Suenos Basketball, The Dream Network and Time For Change Ministries, has a vested interest in ensuring that not only this partnership remains viable and vibrant and actually gets the work done. Each of these organizations are led by BIPOC women that reside in the city of Lawrence and have first-hand experience in how the environmental injustice

Letters of commitment:

Clearly identified steps that the applicant will take that will reasonably progress towards achieving the program objectives and a clear description of the detailed project activities

or components and the anticipated products/results associated with each activity as described in Section IV.

A clearly articulated and realistic milestone schedule, including timeframes and major milestones to complete significant project activities within the period of performance. NOTE - The period of performance is 3 years with no extensions

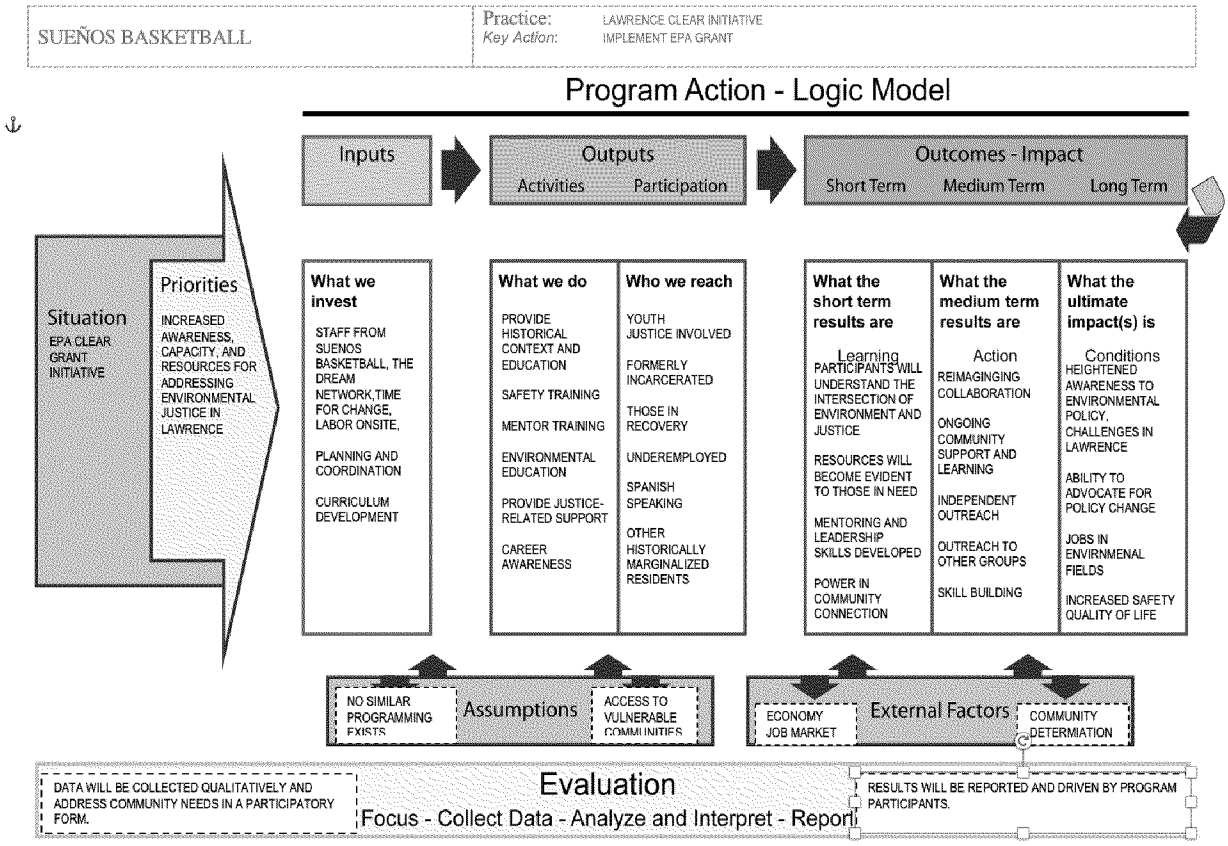
Date	Activity	Outcome
July 1, 2023-December 31, 2023	Coalition meetings Planning for 1st community event Youth and adult recruitment Training Knowledge base building	By December 31st, 2023 Partners will have identified 30 participants that will participate in training, education, and begin engaging in the mentoring process
January 1, 2024-June 30, 2023	Active Teaching Mentoring Circles Established Environmental Training Opportunities Experiential Learning	Youth engagement increases Increased vocational opportunities
July 1, 2024-June 30, 2025	Movement Building EJ advocacy Community Sharing and promotion Sustainability planning	Policy change Increased engagement in the political process EJ advocacy for increased social-environmental knowledge

Reasonable and allowable costs for each component/activity. Applicants must itemize costs into the following budget categories: personnel, fringe benefits, contractual costs, travel, equipment, supplies, other direct costs,indirect costs, and total costs. Describe itemized costs in sufficient detail for EPA to determine the reasonableness and allowability of costs for each work plan component/activity

Applicants will be evaluated on the quality of the expected project outputs and outcomes identified in the application for their project. The expected outputs and outcomes should be effective in achieving the Program Objectives listed in Section I, including developing strategies for addressing local environmental and public health

issues, educating and empowering the community about those issues, and developing approaches to building consensus and setting community priorities in the underserved community.

While not required, including a logic model as part of your application package is strongly encouraged. Applicants may use the logic model template provided in the appendices or use/create one of their own liking. If you choose not to provide a logic model, you must still detail the outputs and outcomes of your project and address how you will measure performance.



Applicants should attach their completed logic model as an "Other Attachment" to their applications so the sheet will not count against the 18-page work plan limit

By receiving this grant, we plan to fill gaps in EJ outreach strategies that exist for marginalized people in Lawrence. This project is unique because the outreach is being co-designed by residents and organizations led by people of color. Sustainability is more attainable by virtue of the fact that we live in the community that is being funded. Our plan is to address youth interest in EJ by co-creating tools that can be used to address injustice. By addressing the

youth, we will also be addressing families. We promote language justice by facilitating processes for residents to address the aforementioned EJ issues in the language they are most comfortable with. Mentoring and learning circles will promote connectedness to one another, but also to natural resources that exist in the city. And education will help us focus on worker safety because regionally, low income and minority workers are disproportionately exposed to environmental toxins while working in environmental careers. Finally, we want to address the environmental impact of the mill transformation renewal boom that provides this false choice between low income rental properties in revitalized mills or nothing. We believe that there are other sustainable housing models that exist that promote home ownership and cooperative land trusts created for the greater good, rather than real estate development and profit. In the final year of the grant, we want to shift our work to policy and advocacy work as we partner with residents to address our communities' multitude of EJ challenges.

Organizational experience related to the proposed project, and the organization's infrastructure as it relates to their ability to successfully implement the proposed project

The applicant will be evaluated on the ability to clearly demonstrate that the selected PM and other staff associated with the project are qualified to successfully perform the project. This will be determined through evaluating the following:

> **(1) How the PM and staff are qualified to undertake the project successfully; (2 points)**
> **(2) Illustrating the PM's ties/historical connection to the community and the applicant organization. Please include detailed descriptions of any activities that the PM has worked on with the community and/or applicant organization. (2 points)**

Under this criterion, applicants will be evaluated based on their approach, procedures, and controls for ensuring that awarded grant funds will be expended in a timely and efficient manner. For all EJCPS projects, but especially for projects greater than $200,000, if the applicant is concerned that they may not have the adequate financial controls, systems, and procedures in place to comply with EPA's Pre-

EPA. (2023, April 12). *EJ Screening Tool EPA's Environmental Justice Screening and Mapping Tool (Version 2.11)*. EPA. Retrieved April 13, 2023, from https://ejscreen.epa.gov/mapper/

McGurty, E. M. (1997). From nimby to civil rights: The origins of the Environmental Justice Movement. *Environmental History*, *2*(3), 301–323. https://doi.org/10.2307/3985352

US Census. (n.d.). *U.S. Census Bureau quickfacts: Massachusetts*. United States Census Bureau- Quick fact Massachusetts. Retrieved April 13, 2023, from https://www.census.gov/quickfacts/fact/table/MA/INC110221

Leigh W. Shemitz, Ph.D.
leighshemitz@SoundWaters.org

Education:
Yale University, Ph.D. air quality and environmental health, 2004 ***Yale School of Forestry and Environmental Studies,*** M.F.S. in forest ecology, 1992 ***Harvard University,*** A.B., History and Literature, magna cum laude, 1986

Professional History
President. **SoundWaters.** Current. SoundWaters, a regional not-for-profit organization, works to protect Long Island Sound through education, outreach and research. SoundWaters addresses these issues aboard our three-masted schooner and at our two coastal environmental education centers and or more than 100 small boats. As President, responsibilities include setting strategic direction, developing programs, creating partnerships, overseeing operations, and managing the SoundWaters staff and budget.

Research Affiliate. **Yale School of Forestry & Environmental Studies.** Current. Participate in ongoing research, outreach and teaching on a range of environmental topics including forest health, air quality, coastal ecology and urban land management.

Lecturer. **Yale School of Forestry & Environmental Studies.** 2004 Researched the connection between the environment and human well-being. Research focuses on how neighborhood restoration projects can impact the health of local residents. Collaborating with local residents in the research design and implementation.

Environmental Health Researcher. **Yale School of Forestry & Environmental Studies.** 1999-2004 Investigated small-scale variability in particulate pollution in urban areas. Pursued independent research in air pollution and human health. Investigated both biophysical and social variables: sampled particulate levels across city and surveyed city residents about their perspectives on air quality. Compared these different data sets to develop full picture of urban air quality, its variability across a city and its impact upon human health.

Director. **Yale Urban Resources Initiative**. 1992-1999 Coordinated all programming, fundraising, fiscal and administrative activities of this university-community partnership. Projects include natural resources training of community, restoring over 50 community open space projects, creating school-based environmental awareness program. Oversaw combined annual budget of over $300,000 and supervised 15 person staff. In addition, led a local not-for-profit, New Haven/ Urban Resources Initiative and sustained active partnerships with federal, state, local and city agencies and community groups.

Community Forester. **Peace Corps.** Mali, West Africa. 1987-1989 Secured funds for, organized, and implemented tree nurseries in four villages. Created series of trainings for farmers in five villages in grafting techniques. Designed and implemented nutrition and health workshops for four hundred women in five villages.

Awards:
Heinz Scholar in Environmental Research, 2001; Hixon Fellow, 2000; Hutchison Fellow, 2000; Switzer Fellow, 1991-1992; FLAS Fellowship, 1991-1992
Not-for-Profit Board Membership: Currently serves on the Stamford Environmental Protection Board and the Board of Directors of the Bartlett Arboretum and Gardens.

Michael Bagley
mbagley@soundwaters.org

EXPERIENCE

SoundWaters, Inc., Stamford, Connecticut 2014-Present

Vice President, Programs, 2/2019 – Present

Leads all facets of education and marine activities including maintaining focus on mission. Provides leadership and direction in overseeing the performance of professional education team members, captains and crew across diverse functional areas including scientific research, curriculum development and retention.

Director of Marine Operations, 1/2016-1/2019

- Senior manager responsible for overseeing marine operations of nonprofit organization focusing on environmental education.
- Supervise captain and crew of 80' schooner that pro-vides education programs to over 6,000 individuals each year.
- Lead summer sailing program that focuses on character development.
- Develop new SoundWaters harbor facility in West Branch of Stamford Harbor.

Interim Education Director, 8/2015-12/2015

- Manager of land-based education programs while Vice President of Education was on maternity leave.

Relief Captain, 5/2014-present

- Serve as captain of 80' Schooner *SoundWaters.*

Project U.S.E., Newark, New Jersey 2006-2016

Executive Director

- Senior manager of nonprofit education organization based in New Jersey.

Programs include outdoor/adventure education for thousands of children and adults, school-based training in urban classrooms, a residential centers for 74 incarcerated teens and adventure course construction.

- Serving under the Board of Trustees, responsible for all aspects of the $2 million company, including strategic direction, personnel, marketing, budgets and finance.

Wildcat Mountain Wilderness Center Program Director 1991 – 1997

- Overall manager of an outdoor experiential education program.
- Trained and supervised, directly and indirectly, a staff of up to 25 individuals.

Schooner Imagine…!, Annapolis, Maryland 1997-2006

Vice President, Licensed Master

- Conceived of, designed, commissioned, co-owned and operated 76' gaff-rigged Schooner Imagine…!.
- Developed and lead educational programs, multi-day corporate leadership training programs, private cruises, and charters.

Living Classrooms Foundation, Baltimore, Maryland 1997-2005

EDUCATION:

Hartwick College, Oneonta, NY, Bachelor of Arts in Psychology

TRAINING:

United States Coast Guard Master, Auxiliary Sail, Inland to 100 Gross Tons.

The National Outdoor Leadership School - Thirty-five day mountaineering skills course in the Wind River Mountains, Wyoming, 1985.

AWARDS: The National Outdoor Leadership School, 2002 Alumni Service Award.



"Community, Solidarity, Mobilization, Equity, Change"

April 12, 2023

To whom it may concern:

The Dream Network's mission is to promote equity within community by addressing social, racial, economic, environmental and educational justice. We do much of this work thought the lens of those impacted by the carceral system. We are seeking funds for general operating costs to help hire a part time staff member and to grow our community advocacy work. Through our work, we determined that one of the barriers to such improvements were the number of people, primarily Latino males, who are incarcerated, caught up in the school to prison pipeline, or find themselves jobless as a result of a combination of lack of education, training, available work, and criminal records. This year, while switching to a primarily virtual format, we were able to partner with other organization to focus on the connection between the Carceral system, anti-blackness, and anti-racist practices. This resulted in helping to build a network of activists focused on systemic change in the community and region. We also worked with Lawyers Clearinghouse and Mass Bail fund to provide information and resources to the community.

Our vision is to empower our community (and one another) by promoting systems and policies that encourage diversity, inclusive and reflective leadership, and a sense of belonging by addressing economic mobility challenges. We envision a community where individuals and groups have tangible access to economic, political, and occupational opportunities.

We are excited to partner with Suenos Basketball on the EPA grant to address Environmental Justice in our community.

Sincerely,

Stacy Seward, MS

Stacy Seward, MS
Executive Director and Founder
Lawrence Dream Network



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Secretary of the Commonwealth William F. Galvin, Census Liaison

City of Lawrence

Map Prepared for the City of Lawrence
Courtesy of William F. Galvin, Census Liaison
Secretary of the Commonwealth

2020 Population - - 89,143

Minimum 5%	Target Population	Maximum 5%
3,528	3,714	3,900

Precinct Boundaries
Lawrence

Ward / Precinct	2020 Population	Variance
A-1	3,780	1.78
A-2	3,832	3.18
A-3	3,851	3.69
A-4	3,894	4.85
B-1	3,698	-0.43
B-2	3,662	-1.40
B-3	3,555	-4.28
B-4	3,753	1.05
C-1	3,562	-4.09
C-2	3,708	-0.16
C-3	3,700	-0.38
C-4	3,571	-3.85
D-1	3,712	-0.05
D-2	3,854	3.77
D-3	3,634	-2.15
D-4	3,565	-4.01
E-1	3,646	-1.83
E-2	3,672	-1.13
E-3	3,555	-4.28
E-4	3,584	-3.50
F-1	3,777	1.70
F-2	3,836	3.28
F-3	3,879	4.44
F-4	3,863	4.01

Population is based on the official U.S. 2020 Census block-level data.

Boundaries effective December 31, 2021

Legend
- Sub-Precinct
- Municipal Boundary

Geographical Features
- Major Road
- Local Road
- Railroad
- Other Municipal Features
- Streams, Rivers
- Coastal Water, Lakes, Ponds, Major Rivers

0.25 0.125 0 0.25 Miles

Manifest for Grant Application # GRANT13861567

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 21415 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16029 bytes)

2. Form SF424A-V1.0.pdf (size 22809 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40248 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15929 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23939 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37074 bytes)

Attachments Included in Zip File (total 4):

1. SF424_4_0 SF424_4_0-1236-Map of Lawrence, MA.jfif image/jpeg (size 576667 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1234-Time For Change support letter for Suenos Basketball 2023 04 14.pdf application/pdf (size 262307 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-EPA Suenos Letter - The Dream Network.pdf application/pdf (size 381295 bytes)

4. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1237-Project CLEAR.pdf application/pdf (size 1791945 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1234-FCF Descriptive Budget.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1239-WRWC_FCF!_EJCPS_2023_Work_Plan.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Environmental Justice Collaborative Problem-Solving (EJCPS) Coooperative Agreement Program	66.306	$ 500,000.00	$ 0.00	$ 0.00	$ 0.00	$ 500,000.00
2.						
3.						
4.						
5. Totals		$ 500,000.00	$ 0.00	$ 0.00	$ 0.00	$ 500,000.00

Standard Form 424A (Rev. 7- 97)
Prescribed by OMB (Circular A -102) Page 1

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) Environmental Justice Collaborative Problem-Solving (EJCPS) Coooperative Agreement Program	(2)	(3)	(4)	Total (5)
a. Personnel	$ 124,013.00	$	$	$	$ 124,013.00
b. Fringe Benefits	31,204.00				31,204.00
c. Travel	2,890.00				2,890.00
d. Equipment	0.00				0.00
e. Supplies	2,689.00				2,689.00
f. Contractual	30,000.00				30,000.00
g. Construction	0.00				0.00
h. Other	263,750.00				263,750.00
i. Total Direct Charges (sum of 6a-6h)	454,546.00				$ 454,546.00
j. Indirect Charges	45,454.00				$ 45,454.00
k. TOTALS (sum of 6i and 6j)	$ 500,000.00	$	$	$	$ 500,000.00
7. Program Income	$ 0.00	$	$	$	$ 0.00

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Environmental Justice Collaborative Problem-Solving (EJCPS) Coooperative Agreement Program	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$	$	$	$	$
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$	$	$	$	$

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)			
	(b)First	(c) Second	(d) Third	(e) Fourth
16. Environmental Justice Collaborative Problem-Solving (EJCPS) Coooperative Agreement Program	$	$	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$	$	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges:

23. Remarks:

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EJCPS Budget Detail
Frontline Communities First! Residents Build Climate Resilience in Providence, RI
Woonasquatucket River Watershed Council (WRWC)

Cost Category and Item	Description	EJCPS Request
a. Personnel (Grantee Org. Only)		
Alicia Lehrer, Executive Director	200 hours @$48/hr - Project Mgmt & Reporting	$9,600
To Be Hired, Community Programs Director	675 hrs/year, 3 years @ $26.50/hr - Project Coordination	$53,663
Rebekah Greenwald, Community Programs Support	150 hours/year, 3 years @ $35/hr - Project Support and Results Tracking	$15,750
Jenny Mercado, Nuevas Voces Facilitator	300 hrs/year, 3 years @ $25/hr - Nuevas Voces Facilitator and Resilience Hub Representative	$22,500
Maria Jose Gutierrez, Nuevas Voces Facilitator	300 hrs/year, 3 years @ $25/hr - Nuevas Voces and Campeones Facilitator	$22,500
To Be Hired, Resilience Hub Coordinator	1 Year Paid for through Barr Foundation via SustainPVD, non-federal cash match of $50,000 We will seek additional non-federal funds for Years 2 and 3	$0
Total Personnel		$124,013
b. Fringe Benefits		
WRWC Staff Fringe Rate for Executive Director and Community Programs Director (payroll costs, taxes, medical, dental, workers comp, pension benefits)	33%	$20,877
WRWC Staff Fringe Rate Other Personnel - part-time (payroll costs, taxes, workers comp, pension benefits)	17%	$10,328
Total Fringe		$31,204
c. Travel		
Coach Round Trip Airfare to National Conference 1 Staff Member		$700
Rental Car/Cabfare for Travel to and from Airport		$200
Conference Fee		$600
Conference Lodging	5 nights stay at hotel @ $200/night	$1,000
Per Diem	1 person, 6 days (4 conference days, 2 travel days) @ $65/day	$390
Total Travel		$2,890
d. Equipment		
No equipment will be purchased for project		
Total Equipment		$0
e. Supplies		
Laptop Computer for Community Programs Director		$1,500
Printing	2000 flyers @ $0.05/flyer	$100
Miscellaneous Supplies		$1,089
Total Supplies		$2,689
f. Contractual		
Outside Program & Equity Evaluator	$10,000/year for 3 years	$30,000
Total Contractual		$30,000
g. Construction	No construction for this project	$0
h. Other		
Subaward - Olneyville Neighborhood Association	$15,000/year for 3 years participation on Hub Development and Activities	$45,000
Subaward - Providence Racial and Environmental Committee Justice	$25,000/year for 3 years - Ensuring Racial and Environmental Equity, Help Form and Oversee Equity Evaluation Team	$75,000
Stipends for Resident Resilience Hub Participants	25 Participants in Year 1, 50 hours each @ $25/hour 43 Participants in both Years 2 and 3, 50 hours each/year @ $25/hour	$138,750
VECINA train the trainer and community content development provider (s) - TBD Academia/Arts Partner	Year one partner, Years 2 and 3 hub participants will take it from there	$5,000
h. Total Other		$263,750
i. Total Direct Cost -- Sheet will Calculate		$454,546
j. Total Indirect	Standard Federal Rate: 10% of Total Direct Costs	$45,454
k. Total Project Cost: Direct + Indirect		$500,000

Manifest for Grant Application # GRANT13862080

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 25367 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16050 bytes)

2. Form SF424A-V1.0.pdf (size 22939 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40409 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15919 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23940 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37315 bytes)

Attachments Included in Zip File (total 6):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-501(c)(3) Letter May 2006.pdf application/pdf (size 291257 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-WRWC EPA CPS_Final_Logic_Model.pdf application/pdf (size 116907 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-Key Project Personnel Resumes.pdf application/pdf (size 233080 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-Partner Letters of Committment.pdf application/pdf (size 2753490 bytes)

5. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1239-WRWC_FCF!_EJCPS_2023_Work_Plan.pdf application/pdf (size 871281 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1234-FCF Descriptive Budget.pdf application/pdf (size 66476 bytes)

Frontline Communities First! Logic Model

Resources	Activities	Outputs	Audience	Short-Term Outcomes (6-12 months)	Intermediate Outcomes (12-24 months)	Long-Term Outcomes (2+ years)
• Staff Time • Partner Time • Resident Leader Time • Additional • Funding • Facilities • In-Kind Support	• Convene Steering Committee • Convene Evaluation Team • Host Three Leadership Training Programs (NV, Campeones, GJZ) • Convene Community resilience Committee • Upgrade Resilience Hub Facility • Host Community Programs in Resilience Hub • Develop and Launch VECINA Data Hub • Train residents in data us and VECINA tool	• Quarterly Meetings throughout project period of Steering, Evaluation and Community Resilience teams assure strong outcomes, course correction and evaluation • 10 residents complete Campeones • 30 residents graduate from NV and/or GJZ program • Resilience Hub Facility outfitted with meeting and emergency spaces, supplies, community resources • 20 meetings, trainings or	• Frontline residents in Central Providence • Community organizations • City government • Local, regional and national organizations and individuals working on climate justice and resilience	• Project partnerships among non-profits & grassroots (WRWC, ONA, ONE NB), and government (PEMA and Sustain PVD) build trust and in each other and resident leaders • 60 residents participate in leadership and justice training programs (NV, GJZ, Campeones) • Joslin Rec Center upgrade needs identified and funded • VECINA tool completed for beta testing • 2 to 5 resident leaders	• Resilience Hub Upgrades Complete • VECINA tool launched • 100+ residents use Resilience Hub for training, meetings, resources • 10 resident leaders trained to train others to use VECINA • 100+ residents use VECINA tool to access information • 10 residents will become part of the Community Emergency Response Team	• Hundreds of frontline residents have the information, support and resources needed to provide for safe and healthy homes, emergency preparedness, and thriving community • Racial, Environmental and Social justice prioritized in climate resilience decision making • Strong resident, non-profit and government partnership center planning, investment and

		programs held at Resilience Hub • 100 different residents attend meetings, trainings or programs held at Resilience Hub • VECINA data hub tool launched • 10 resident leaders trained to train others in using VECINA • 100 residents or more begin using VECINA		participate in VECINA beta testing		community change as directed by frontline resident leaders • Frontline Central Providence communities have cleaner air, water and resilience to flooding as directed by resident leaders

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-Environmental Results Logic Model.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

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Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-2023-4-11 MPRC proposal EJCPS.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

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BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	66.306	$	$	$ 166,659.33	$	$ 166,659.33
2. Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	66.306			166,659.33		166,659.33
3. Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	66.306			166,659.33		166,659.33
4.						
5. Totals		$	$	$ 499,977.99	$	$ 499,977.99

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	(2) Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	(3) Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	(4)	Total (5)
a. Personnel	$ 58,540.00	$ 60,588.00	$ 62,711.00	$	$ 181,839.00
b. Fringe Benefits	8,781.00	9,088.00	9,407.00		27,276.00
c. Travel	1,623.00	1,623.00	1,623.00		4,869.00
d. Equipment	0.00	0.00	0.00		0.00
e. Supplies	1,000.00	1,000.00	1,000.00		3,000.00
f. Contractual	650.00	650.00	650.00		1,950.00
g. Construction	0.00	0.00	0.00		0.00
h. Other	87,500.00	87,500.00	87,500.00		262,500.00
i. Total Direct Charges (sum of 6a-6h)	158,094.00	160,449.00	162,891.00		$ 481,434.00
j. Indirect Charges	6,061.00	6,061.00	6,061.00		$ 18,183.00
k. TOTALS (sum of 6i and 6j)	$ 164,155.00	$ 166,510.00	$ 168,952.00	$	$ 499,617.00
7. Program Income	$ 0.00	$ 0.00	$ 0.00	$	$ 0.00

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	$	$	$	$
9. Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program				
10. Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 164,155.00	$ 41,038.75	$ 41,038.75	$ 41,038.75	$ 41,038.75
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 164,155.00	$ 41,038.75	$ 41,038.75	$ 41,038.75	$ 41,038.75

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	$ 41,038.75	$ 41,038.75	$ 41,038.75	$ 41,038.75
17. Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	41,627.50	41,627.50	41,627.50	41,627.50
18. Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	42,238.00	42,238.00	42,238.00	42,238.00
19.				
20. TOTAL (sum of lines 16 - 19)	$ 124,904.25	$ 124,904.25	$ 124,904.25	$ 124,904.25

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: 481434.00

22. Indirect Charges: 18183.00

23. Remarks:

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Table 1. Environmental Results Logic Model

Resources	Activities	Outputs	Audience	Short-Term Outcomes	Intermediate Outcomes	Long-Term Outcomes
• Staff time from participating organizations • In-kind contributions from participating and partnering organizations • Existing and new additional grants for staff time • State resources for wraparound services, in the form of grants and reimbursements for members of EJ communities completing clean energy training programs • Existing relationships with partner organizations and constituencies in EJ communities, as well as labor organizations with training programs • Facilities for hosting clean energy career fairs and retreats bringing partners together	• Plan, recruit for, and run clean energy career fairs to connect EJ community job seekers to registered pre-apprenticeship & apprenticeship programs in clean energy trades • Support career fair attendees' placement into and graduation from training programs by connecting them to existing state resources and wraparound services • Convene workforce development partners and experts to assess gaps, barriers, strengths, and opportunities in the overall ecosystem of clean energy career opportunities for people in EJ communities • Liaise with EJ community leaders and residents, labor organizations, and developers of clean energy projects to ensure meaningful participation of EJ communities in project siting/planning, and maximize project benefits for EJ communities, including employment opportunities	• 12 clean energy career fairs hosted by partner organizations in EJ communities • 600 total members of EJ communities attend career fairs • 300 career fair attendees placed into registered pre-apprenticeship or apprenticeship programs with participating labor organizations and connected with supporting services • Convene 20 individuals from labor orgs, EJ communities, and allied NGOs to assess workforce landscape and develop action plan • 12 developers of clean energy projects, totaling 75 MW, identified and approached • 6 community benefit and/or workforce agreements negotiated & projects permitted	• Residents of EJ communities seeking clean energy careers • EJ community leaders • Labor organizations with registered pre-apprenticeship and apprenticeship training programs • Workforce development and allied NGOs • Clean energy project developers • Local and state decision makers with power to permit clean energy projects and/ or provide state resources and wraparound services	• Increase in number of EJ community residents with knowledge about clean energy career pathways • Increase in EJ community members' placement in registered pre-apprenticeship and apprenticeship programs and use of supportive services needed to succeed in their programs • Increase in labor organizations' and project developers' awareness of the workforce potential that exists in EJ communities	• Decrease in barriers for EJ community members succeeding in pre-apprenticeship and apprenticeship • Increase in # of EJ community members graduating from pre-apprenticeship and apprenticeship programs & gaining employment on clean energy projects • Deeper understanding of and action plan to address the gaps, barriers, strengths, and opportunities in the overall ecosystem of clean energy career opportunities for people in EJ communities • Increase in sustained commitment from labor organizations and project developers to training and hiring members of EJ communities • Increase in trust between EJ communities, project developers, and labor organizations	• Increase in # of clean energy projects in EJ communities permitted and completed, & associated decrease in GHG emissions, air pollution, and pressure on natural resources • Increase in # of EJ community members in high-quality, well-paid clean energy careers • Increase in % of all Maine construction workers from EJ communities • Increase in overall capacity of Maine's clean energy workforce • Increase in overall EJ community wealth and associated decrease in economic inequality

Table 1. Environmental Results Logic Model

Existing relationships among organizations partnering on this grant, together with existing and new staff capacity and existing facilities, provide the the foundation for planning, recruiting attendees for, and running regular clean energy career fairs. Career fairs serve as the building block for placing EJ community members into registered pre-apprenticeship and apprenticeship training programs, and connecting these individuals to the requisite wraparound services they need to be successful in their training and graduate into careers as journey-persons in their respective trade. The convening of partners and other experts to assess the gaps, barriers, strengths, and opportunities in the overall ecosystem of clean energy career opportunities for people in EJ communities will allow for adjustments to be made mid-grant, and position project partners to begin pursuing long-term funding to sustain the work.

It is not enough to simply recruit, train and graduate members of EJ communities into clean energy careers without a commensurate effort to secure a steady stream of clean energy work for them. Identifying clean energy projects early in their planning phase, approaching developers, and negotiating community benefit and/or community workforce agreements is a reliable way to secure high-quality work opportunities for EJ community members while simultaneously ensuring that clean energy projects attain sufficient community support to actually get built. We believe that repeated runs through these dual and interrelated trajectories can provide a helpful model and industry norm for how clean energy development proceeds in Maine. Ultimately, if we are successful in all of this, the longterm outcome we expect to see are a significantly larger clean energy workforce (commensurate with the need) that demographically reflects the communities in which it works, more clean energy projects completed on time due to greater community trust and buy-in, and a greater increase in EJ community wealth and decrease in economic inequality. This will result in an overall decrease in GHG emissions, associated air pollution, and pressure on natural resources such as but not limited to fossil fuels.

Manifest for Grant Application # GRANT13857731

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 30036 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16040 bytes)

2. Form SF424A-V1.0.pdf (size 23597 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40248 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15924 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23892 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37265 bytes)

Attachments Included in Zip File (total 6):

1. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-2023-4-11 MPRC proposal EJCPS.pdf application/pdf (size 826452 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-EJCPS_Resumes_combined.pdf application/pdf (size 1113701 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-MPRC 501c3 letter.pdf application/pdf (size 44050 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-MPRC EJCPS budget final.pdf application/pdf (size 74263 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-Environmental Results Logic Model.pdf application/pdf (size 81663 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-EJCPS_Letters Of Support_combined.pdf application/pdf (size 17729791 bytes)

i. Itemized Budget Sheet

	Description	Total
Personnel	· Year one – ○ MPRC Campaigns Director/ EJPCS Project Manager @ $80,000 annual salary x 25% of time on project = 20,000 ○ MPRC Special Projects Coordinator @ $75,000 annual salary x 25% of time on project = 18,750 ○ MPRC organizer @ $50,000 annual salary x 25% of time on project = 12,500 ○ Canvasser shifts at 24/year at $20/hr = $3,840 ○ MPRC Digital Director at $69,000 @5% of time = $3450 · Year two – ○ MPRC Campaigns Director/ EJPCS Project Manager @ $82,800 annual salary x 25% of time on project = 20,700 ○ MPRC Special Projects Coordinator @ $77,625 annual salary x 25% of time on project = 19,406 ○ MPRC organizer @ $51,750 annual salary x 25% of time on project = 12,937 ○ Canvasser shifts at 24/year at $20.70/hr = $3,571 ○ MPRC Digital Director at $71,415 @5% of time = $3571 · Year three – ○ MPRC Campaigns Director/ EJPCS Project Manager @ $85698 annual salary x 25% of time on project = 21,425 ○ MPRC Special Projects Coordinator @ $80,342 annual salary x 25% of time on project = 20,086 ○ MPRC organizer @ $53,561 annual salary x 25% of time on project = 13,390 ○ Canvasser shifts at 24/year at $21.42/hr = $3,696 ○ MPRC Digital Director at $77,915 @5% of time = $4114	181,839
Fringe Benefits	· 15% of salary (includes medical, dental, retirement) for MPRC Campaigns Director, MPRC Special Projects Coordinator, MPRC Organizer, Canvassers, and MPRC digital director	27,276
Travel	· Local mileage for Project Manager for partner meetings: 1240 miles/yr @ $0.655/mi = $2473 · Local mileage for MPRC Organizer for community outreach efforts: 1120 miles/year @ $0.655/mi = $2,200 · Canvass travel 6 trips at 50 miles =$196	4,869
Supplies	· Miscellaneous supplies for staff on this project = $1,000/year	3,000

Contractual	· **Accountant $25/hr @ 1/2 hr/week @ 156 weeks**	**1,950**
Indirect Costs	· **IDC Rate Agreement of 10% of Salaries and Wages**	**18,184**
Other	· **Sub-award to MCI $5000/yr for $15,000** · **Sub-award to Gateway $5000/yr for $15,000** · **Sub-award to Community Organizing Alliance $5000/yr for $15,000** · **sub-award to Maine AFL-CIO $12,000/yr for $36,000** · **sub-award to Maine Labor Climate Council $60,500/year for $181,500**	**262,500**
Total Project Cost		**499,618**

Budget Narrative:

Maine People's Resource Center will have the MPRC Campaigns Director serve as the EJPCS Project Manager, and she will spend 25% of her time on this project over the three years of the grant, ensuring all partners including MPRC fulfill their commitments. She will be joined by MPRC Special Projects Coordinator, who will provide the administrative support to the project, and an MPRC organizer, who cultivates essential relationships with partners -- both will spend 25% of their time in service of the project. The remaining salary budget will go to 5% of the MPRC digital director who will do digital outreach for the project and to support the time of the door to door canvass team to do 24 shifts a year of outreach for the project. All of these employees receive a benefits package equivalent to 15% of their salary covering fringe benefits like medical, dental, retirement.

The Maine Labor Climate Council will receive the most significant subaward and will use it to leverage other resources and hire a new full-time field organizer who would spend 100% of their time on this project. The new organizer will work as a convener and liaison between EJ communities, labor organizations and their pre-apprenticeship and apprenticeship programs, and developers of clean energy and energy efficiency projects sited in environmental justice communities. We are also making a significant subgrant to the Maine AFL-CIO whose Apprenticeship and Workforce Equity Director is essential the project. He coordinates the Union Construction Academy pre-apprenticeship program, which provides hands-on training and multiple certifications that will help BIPOC individuals, women, formerly incarcerated individuals, people from rural areas, and other underrepresented groups as they enter union jobs in building and construction. The AFL-CIO also manages the logistics of the clean energy career fairs and pays for food and other costs associated with the fairs. We are also working closely with BIPOC-led groups and are budgeting to subgrant $5000 per year each to Maine Community Integration, Gateway Community Services of Maine, and Community Organizing Alliance for them to leverage their relationships with EJ communities in service of the project.

Another significant cost will be mileage reimbursement. MPRC reimburses staff mileage at the rate of .655 for travel to meetings and to do outreach to leaders and coalition partners. We budget that

supplies associated with this project across all the staff participating and the meetings and events will run $1000 per year and cover things like paper, flip charts, markers, and pens for outreach. We contract with The Bottom Line for accounting and expect that they will spend an hour a week supporting this work over the three years. IDC Rate Agreement of 10% of Salaries and Wages has been budgeted for indirect costs.

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-CEBE-Logic Model .pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

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Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-CEBE Narrative App.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

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BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	66.306	$	$	$ 150,000.00	$	$ 150,000.00
2.						
3.						
4.						
5. Totals		$	$	$ 150,000.00	$	$ 150,000.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	(2)	(3)	(4)	Total (5)
a. Personnel	$ 121,912.50	$	$	$	$ 121,912.50
b. Fringe Benefits	1,000.00				1,000.00
c. Travel	1,637.50				1,637.50
d. Equipment	0.00				0.00
e. Supplies	450.00				450.00
f. Contractual	10,000.00				10,000.00
g. Construction	0.00				0.00
h. Other	0.00				0.00
i. Total Direct Charges (sum of 6a-6h)	135,000.00				$ 135,000.00
j. Indirect Charges	15,000.00				$ 15,000.00
k. TOTALS (sum of 6i and 6j)	$ 150,000.00	$	$	$	$ 150,000.00
7. Program Income	$ 0.00	$	$	$	$ 0.00

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	$ 0.00	$ 0.00	$ 0.00	$ 0.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$ 0.00	$ 0.00	$ 0.00	$ 0.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 75,000.00	$ 18,750.00	$ 18,750.00	$ 18,750.00	$ 18,750.00
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 75,000.00	$ 18,750.00	$ 18,750.00	$ 18,750.00	$ 18,750.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	$ 75,000.00	$ 75,000.00	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 75,000.00	$ 75,000.00	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges: De minimis rate of 10%, totaling $15,000 over 2 yr

23. Remarks:

Resources/Inputs	Activities	Outputs	Audience	Short-term outcomes (6-12 months)	Intermediate outcomes (12-24 months)	Long-term outcomes (2+ years)
Staff time In-kind contributions Partnering organizations Volunteers Consultants	Support municipalities in forming and maintaining climate committees; develop template documents for addressing climate change through municipal government; identify and share pertinent resources i.e funding opportunities, contractors and consultants. Provide training and education for town officials, school board members, and community members on renewable energy, forest management strategies for carbon sequestration, watershed protection, and other topics Work with landowners (including towns, the school district, and local land trust properties) to help design projects to increase soil carbon, decrease erosion, conserve biodiversity and diversify potential income streams Continue work to prepare energy assessments for school buildings, prepare reports on energy-efficiency and weatherization projects, prepare reports on renewable energy options and provide guidance on renewable energy contracts and projects; assist in pursuing opportunities to electrify vehicle fleets Hiring and training a project coordinator	Develop at least four templates related to forming a climate committee, creating a climate action plan, and assessing vulnerable populations and infrastructure and others as appropriate. Share templates with 11 towns. 240 community members, town officials, school board members, and school children reached through 12 public engagement sessions 10 landowners receive technical assistance for land- and water-based climate adaptaton and mitigation projects All 10 SAD 17 school buildings receive completed energy audit and recommendations for energy-efficiency upgrades Report delivered to school board outlining renewable energy options and pricing At least one renewable energy contract or onsite project executed for school district	Local government School board School children Community members Landowners	Increase in number of local community members aware of what their community is doing to address climate change (target 2000 residents) Increase in number of municipalities continuing climate action after initial projects were funded in state program (target 5 municipalities) Increase in number of landowners/properties interested in pursuing forest management practices to sequester carbon and protect watersheds (target 12 properties)	Increase in number of community members attending public meetings on climate change Increase in number of regional projects being undertaken to address climate change	School policies reflect commitment to renewable energy, new buildings being energy efficient Municipal comprehensive plan references municipal climate action plan, updated regularly School budget saves money by purchasing renewable energy Local water quality improves due to increase in forest and riparian management practices to protect ecology

	Description	Total
Personnel	Project Manager @ $64,480 x 10% of time on project = $12896 for two years - $1,327.5 in kind covered by organization	11,568.5
	Project Coordinator @ $43,680 x 100% of time on project = $87,360 for two years	87,360
	Communications Coordinator @ $26/hour x 1 hour/week of time on project = $2704 for two years	2704
	Climate Resiliency Program Manager @ $43,680 x 10% of time on project = $8736	8736
	Municipal Resiliency Coordinator @ $24/hour x 3.5 hours/week of time on project = $8736	8736
	Programming and Education Director @ $27/hour x 1 hour/week of time on project = 2808	2808
Fringe Benefits	Annual technology stipend of $500 for Project Coordinator x 2 years = 1000	1000
Travel	Local mileage for Project Coordinator for partner meetings, outreach 25 miles at $0.655/mi x 100 meetings	1637.5
Equipment (greater than $5,000 per unit)		0
Supplies	Black and white printing costs at $0.20/page x 600 pages and poster printing $1.30 each x 100 posters	250
	Online advertising $20 per event for 10 events	200
Contractual	Contracted consulting for best practices for land use and watershed-based projects at $50/hour for 100 hours	5000
	Contracted consulting for energy assessments and renewable energy portfolio design at $50/hour for 100 hours	5000
Construction		0
Indirect Costs	De minimis rate of 10% of modified total direct costs	15000
Other		0
Total		150,000.0

1.0 Program Objectives

a. Project Summary Page

Project Title: Increasing Community Resilience Across Municipalities, Schools, and Public Land through Education, Planning and Technical Assistance

Project Location: Western Maine Foothills area: Norway, South Paris, Buckfield, Harrison, Hebron, Greenwood, Otisfield, Oxford, West Paris, Sumner, and Waterford

Applicant Information: Scott Vlaun, CEBE, 447 Main St, Norway, ME 04268

Description of Applicant Organization: We are a small 501c3 non-profit with six staff (4.5FTE) working for climate justice in rural western Maine from our Center located on Main Street in the town of Norway. Our mission is "to engage the community in addressing the climate emergency. We organize, educate, take direct action, and implement practical, ecological solutions for a just transition to a thriving, regenerative economy."

Are you applying for the Small CBO Set Aside Track for $150,000 projects? Yes.

Project Abstract: To build community climate resilience and protect the environment, this two-year project will build on partnerships with local towns, our local school district (MSAD17), and local agencies to support communities with education and planning. We will support the town of Norway to implement projects and develop a climate action plan linked to their comprehensive plan. Materials developed in Norway will be shared to help other local municipalities prepare for future projects and funding opportunities. We will also accelerate our work with MSAD17 to transition to renewable energy and make building efficiency upgrades, providing education for the school board, staff, and community members to increase support. Energy costs for our district in FY 2021/22 were $1.3 million, and in FY 2022/23, are projected to exceed $2.3 million. Locally sourced renewable energy will help stabilize costs and increase resilience. Much of our rural area is forested, with private landowners, the school district, land trust, municipalities, and the Oxford County Soil and Water Conservation District (OCSWCD) owning significant parcels. In partnership with OCSWCD, we will offer educational workshops around forest management practices that can generate income while sequestering carbon and protecting watersheds. Partnering with the Western Foothills Land Trust (WFLT) will provide connections to private and land trust-owned properties suitable for demonstration projects. WFLT staff will share model management practices and connect interested landowners to the project. WFLT will support us in identifying landscapes particularly suitable for climate adaptation and potential demonstration projects.

Project Types: Public education, training for municipal officials and community members, demonstration projects, planning support.

Special Considerations: Climate Change/Disaster Resiliency, Rural Areas

Environmental Issues: Climate, forest management, watershed protection, local resilience

List of Project Partners: Oxford Hills School District (Maine School Administrative District 17), Town of Norway, Maine (municipality), Oxford County Soil and Water Conservation District (quasi-governmental organization), Western Foothills Land Trust (nonprofit)

Will you need to develop a QAPP for your project? No

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b. Environmental and Public Health information of the Underserved Community:
Our proposed work will take place in what is now referred to as the Western Maine Foothills region, land formerly stewarded by the Abenaki of the Wabanaki Confederacy. This region includes the Norway-South Paris service center – home to Oxford Hills Comprehensive High School and district office, the Oxford County seat, and Stephens Memorial Hospital – as well as the surrounding villages of Buckfield, Harrison, Hebron, Greenwood, Otisfield, Oxford, West Paris, Sumner, and Waterford. These towns represent the combined service area of the Oxford Hills School District (MSAD 17) and the Western Foothills Land Trust (WFLT). Apart from the urban cluster of Norway-South Paris, this region is considered rural by the Census Bureau's 2020 designation.[1] These eleven towns cover 418 square miles, much of which is forested, with an average population of 2,463 and a density of roughly 65 people per square mile.[2] When excluding Norway and South Paris – which have populations of 5,077 and 5,179, respectively – the nine rurally designated towns have an average population of 1,871.

The Western Foothills are rich with natural resources but have faced degradation. Extensive forests, mineral-rich hills, and ample lakes and rivers supported a long history of extractive and polluting industries. A once-thriving manufacturing industry in Norway has left eight brownfields in and around our small downtown.[3] Paper mills just north of this region fueled heavy logging and sawmills in the Western Foothills, while polluting our watersheds. Over time, manufacturing dwindled. Today, the region's economy is primarily driven by the service industry and has become increasingly reliant on tourism. Several nearby ski mountains draw visitors in the winter, while the lakes and foothills attract tourists and seasonal residents in the summer.

Despite increased tourism, our region remains economically disadvantaged. On average, 30.5 percent of community members live below the poverty line.[4] In Norway, the poverty rate is 39 percent. Median household income is also lower than that of the United States and Maine. Due to lower household incomes and a high reliance on non-grid connected heating fuel with high price volatility like heating oil, residents and municipalities have a much higher energy burden than most Americans. Every community in the Western Foothills, apart from Hebron and Buckfield, has an energy cost burden above the 90th percentile.[5] These vulnerable characteristics are reflected in a number of indexes that validate what we experience as we live and work here. For example, the town of Norway is labeled as disadvantaged according to the Climate and

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[1] U.S. Census Bureau (2020). *List of 2020 Census Urban Areas*. Retrieved from https://www.census.gov/programs-surveys/geography/guidance/geo-areas/urban-rural.html
[2] U.S. Census Bureau (2020). *2020 Decennial Census*. Retrieved from https://data.census.gov/
[3] U.S. Environmental Protection Agency (n.d.). Brownfield Properties (ACRES). *EnviroAtlas*. Retrieved from epa.gov/enviroatlas
[4] U.S. Census Bureau (2020). *2021 American Community Survey 5-Year Estimates*. Retrieved from https://data.census.gov/
[5] Council on Environmental Quality (2022). *Climate and Economic Justice Screening Tool*. Retrieved from https://screeningtool.geoplatform.gov/en/

Economic Justice Screening Tool and the Department of Energy's Energy Justice Dashboard.[6] Across the region, four out of eight tracts are labeled disadvantaged by these tools.

On top of economic stressors, the Western Foothills are a climate change hotspot. Western Maine is one of the fastest-warming regions in the United States; the average annual temperature in interior Maine has increased 3.3°F since 1895, with winters warming faster than any other season.[7] These changes threaten the region's growing winter tourism industry and individuals who rely on those jobs in an employer-sparse area. Our warming climate also threatens the region's lakes. Average lake surface temperatures have increased by nearly 5.5°F since 1984. Higher lake temperatures, in combination with surface runoff from increasingly frequent extreme precipitation events, threaten the health of our lakes with the risk of harmful cyanobacteria and hypoxic conditions.

These impacts jeopardize the health of our economy and the people who call the Western Foothills home. But our local governments are also under-resourced and woefully unprepared to plan for and address these climate impacts. Our small municipalities have no in-house planning staff nor access to professionals with resilience planning experience at the regional level.[8] Many towns are run by volunteer boards and a few staff who are overwhelmed with daily operations.

In our work as a service provider for Maine's Community Resilience Partnership, it has become evident that assistance from dedicated volunteers and community-based organizations (CBOs) like CEBE is a prerequisite for any climate resilience planning or projects in our region. We often find that we have initiated the first discussions of climate change in these towns, who upon completion of the Partnership's resilience self-assessments realize they have taken no actions to address their vulnerability. Once we review the climate data for the region and discuss potential impacts, each of the ten towns we have worked with through the Partnership have expressed that they are concerned about climate-vulnerable residents, particularly elderly and low-income community members who live in remote parts of town. This region is one of the most aged in Maine, the state with the oldest population in the U.S.

Through the Partnership, our region's towns have started to generate community resilience priorities which often include outreach and support for vulnerable populations, transitioning away from antiquated fossil fuel-based heating systems, and watershed protection. However, without ongoing support from CEBE and other CBOs, these priorities cannot be addressed.

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[6] U.S. Department of Energy (2022). *Energy Justice Dashboard*. Retrieved from https://energyjustice.egs.anl.gov/

[7] Fernandez, I., S. Birkel, C. Schmitt, J. Simonson, B. Lyon, A. Pershing, E. Stancioff, G. Jacobson, and P. Mayewski (2020). *Maine's Climate Future 2020 Update*. Orono, ME: University of Maine. Retrieved from climatechange.umaine.edu/climate-matters/maines-climate-future/

[8] Eastern Research Group, Inc and Synapse Energy Economics (2020). Volume 1: Vulnerability Analysis. *Assessing the Impacts Climate Change May Have on the State's Economy, Revenues, and Investment Decisions*. Retrieved from https://www.maine.gov/future/initiatives/climate/climate-council/reports

As we help our towns and school district address their resilience priorities, results such as the development of climate action plans and vulnerability assessments will center the needs of our vulnerable populations and help communities develop local strategies to reduce climate vulnerability for everyone in the community. Energy efficiency improvements in our schools and municipal buildings will reduce the percentage of energy burden costs that are passed to taxpayers. On a watershed scale, increased or stabilized health due to an increase in regenerative forest and riparian management practices will help maintain our region's healthy drinking water and equitable access to lakes for recreation, even in the face of climate impacts. At the municipal level, protecting our watershed will help us grow a resilient tax base bolstered by lakefront property values and outdoor recreation. The future health of our communities relies on action now, action that CEBE hopes to support through this funding opportunity.

c. Organization's Historical Connection to Underserved Community: The Center for an Ecology-Based Economy was founded in Norway, Maine in 2013, when climate change was politically divisive and rarely considered in our rural communities. Our early work focused on demonstration projects, including a photovoltaic tracker to power public electric vehicle charging stations at Oxford Hills Comprehensive High School, as well as a free community bike share, a publicly-accessible food forest, and community weatherization events. Through a decade of work, we developed a dedicated following in rural western Maine, and have built trust with local and state government, businesses, and agencies. To date, much of the environmental and climate movement (and community-based organizations) in Maine remain centered around coastal, wealthier communities. We find our expertise increasingly sought out by western Maine municipalities wanting to pursue solar power, businesses wanting to install electric vehicle charging, individuals wanting to learn how to better manage their land, and educators wanting support in teaching their students about climate change.

We address environmental issues in our community in six focus areas: food, energy, shelter, transportation, education, and climate action. Our work in the food arena has included a demonstration food forest at the local community garden, as well as a solar-powered irrigation system. We organized and provided support for our local community food council, including management of the Foothills Food Festival which attracted over a thousand people annually to downtown Norway. We've supported farmers through educational workshops, bulk ordering of agricultural products, and swapping seeds. Our work in the energy realm is currently focused on developing a consumer-owned solar cooperative, as well as supporting community members in transitioning to investor-owned community solar and supporting businesses in transitioning to developer-owned solar on a local municipal landfill. In the shelter area, we run programming to empower women and others to learn basic carpentry skills; we offer a free, ongoing community weatherization project to help homeowners increase energy efficiency; we host an annual window-insert community build to provide affordable, energy-efficient solutions to drafty windows; and we are developing a resident-owned, resident-designed housing cooperative to address the urgent need for affordable housing locally. In the transportation realm, we've installed electric vehicle charging stations at twelve public locations, and are moving forward

with adding or upgrading eight more networked locations. We run a free community bike share program, offer educational programming to support bicycling and e-bikes and are working with state and local officials to develop a safe bicycle-pedestrian corridor from our downtown business district to nearby recreational facilities. We host an annual solar and electric vehicle expo to allow neighbors to share their experiences with clean transportation and renewable energy options. Other educational efforts include film screenings and public workshops on a variety of topics related to the climate crisis and taking action to protect the local environment. We also provide support to K-12 teachers looking to teach sustainability, use outdoor classrooms, and deliver climate change-related curriculum. Our climate action team helps connect community members through book clubs and meetings to inspire individual action.

Over the past year, we have worked with the town of Norway and nine other municipalities as a Service Provider for the Maine Community Resilience Partnership (CRP). Through the Partnership, we worked directly with elected officials and town staff to convene sixteen community engagement meetings to assess current climate readiness and facilitate a decision-making process for town priorities for Community Action Grants. We supported Norway in applying for their first community action grant, and are now providing support in implementation. We have a strong relationship with elected officials as well as the town's newly-formed climate committee. Town residents have made it clear they value this work, yet their elected officials and town manager have had little capacity to pursue it on their own, causing them to miss the second round of Community Action Grants available through the CRP. This project would allow us to continue to provide wrap-around services to build on the momentum and interest Norway has taken in protecting their vulnerable populations and critical infrastructure from increasing climate impacts, while building overall resilience and transitioning to clean renewable energy

At the request of the MSAD17 school board, our staff have been providing pro bono support in conducting preliminary energy assessments of all of the district's buildings and transportation infrastructure and outlining a draft plan to transition the MSAD17 to renewable energy while also implementing energy-saving measures across their buildings and transportation. While these projects will ultimately save the district and taxpayers significant amounts of money, as well as keeping money local through supporting local electricity generation, to garner support for the initial investments will require education for the school board and community members, as well as assistance in navigating forthcoming funding opportunities. The school board and committees will continue to be heavily involved in the decision-making process as we strive to present options that will be wise investments to strengthen the resiliency of the community and prepare school buildings for our climate future.

We've had a several-year long relationship with the Oxford County Soil and Water Conservation District (OCSWCD), providing keynote speakers for their events on topics related to agroforestry and climate-positive forest management practices. Through this project, OCSWCD would support us in providing towns and others with resources to better manage their forests and watersheds for climate resilience and as nature-based climate solutions.

We've partnered with WFLT since our founding, supporting their events and collaborating on projects, including building a greenhouse with youth at their educational facility, and designing a campus for educational and public programming including a center for regenerative agriculture. We have also taught workshops for adults and middle school students at their Robert's Farm campus and co-hosted educational events in our downtown office.

d. EJCPS Model: During this project, we are focusing on the second and third steps of the EJCPS Model. We've completed step one through various efforts, including our previous work with the town of Norway to enroll in the Community Resilience Partnership and identify priority actions for building community resilience and addressing climate change; moving through the early phases of approval from the school board to pursue a transition to renewable energy; and working with OCSWCD to provide assistance to towns looking to use their forests and watersheds as nature-based climate solutions.

In Norway, we've begun community capacity building by supporting the formation of their climate committee. Through training for committee members and members of the selectboard, we'll continue to increase leadership capacity and depth of understanding of the challenges the community faces and the opportunities for cost-effective solutions. This capacity building helps boost regional momentum as surrounding towns gain inspiration from Norway's leadership and seek out support to pursue similar actions in their own towns. The long-term results of this project will be that town residents see their community taking action on climate change and local youth will see their schools adapting to climate change and doing their part to mitigate it.

While MSAD17 has institutional support for continuing to do things the way they've been done, it has become clear that procuring fossil fuels to heat their buildings and paying wildly-fluctuating market rates for electricity is unaffordable and prohibits accurate budgeting. Increasing summer temperatures are driving a need for cooling in buildings that haven't previously needed it, creating an additional energy burden. These escalating costs create a serious financial burden on local municipalities in MSAD17 already burdened by increasing energy costs and climate impacts to infrastructure such as roads and culverts. Through this project, CEBE will help build the MSAD17's capacity to understand alternative energy sources and energy efficient HVAC and DHW systems and the financial pay-offs available. We will help position the school district to be ready to leverage resources by applying for additional grant funding for implementation when it becomes available.

With OCSWCD, we've begun community capacity building by sharing knowledge around food forests and agroforestry practices, and will continue to build the community's knowledge base through ongoing workshops and hands-on opportunities. By inviting town officials, local residents, students, CEBE's own audience, and OCSWCD's and WFLT's regular audience to come together to attend workshops and trainings, we will leverage resources to design climate-resilient forests and watersheds that can help sequester carbon and protect critical habitat and water supplies. Working together, we will reach a much broader segment of the community than if one partner sought to develop this project on their own. We will connect OCSWCD to

individual towns looking for technical assistance and design recommendations specific to their town-owned forests, riparian areas, and other assets.

e. Project Linkages: Ten of the eleven towns in the region defined in the proposal rank either high or medium on Maine's Social Vulnerability Index[9]. This project promotes environmental justice by working to increase the resilience of this economically challenged and underserved rural community that has historically faced large-scale resource extraction and pollution from manufacturing, including heavy logging and leather tanning. Previous (and current) funding opportunities that pit small municipalities and underfunded school districts against well-resourced cities and coastal communities, or are disbursed on a first-come, first-served basis, have disproportionately impacted our rural area, excluding it from fair competition. This project seeks to expand the capacity and knowledge base of Norway and surrounding communities to be more competitive in future grants, while also following through on supporting implementation and maintenance of existing projects.

f. Partner and Collaborate: This project promotes collaboration in increasing our community's resilience through multiple, simultaneous avenues. Our ongoing partnership with the town of Norway will result in model climate change adaptation measures being taken or prepared for at a municipal level. At the same time, our school district will continue to prepare for its transition to renewable energy and the localized grid of the future where power can be generated and consumed locally, free from the constraints of foreign investors or distant superstorms. Community members will learn and have access to community food forests as well as biodiversity enhancing, carbon-sequestering forest management practices to implement on their own properties, on town properties, and potentially on land owned by the school district. The result of this project will be that community members observe climate change being addressed all around them, in different aspects of their lives, in public, educational, solution-oriented ways, through the work of local organizations in partnership.

Town of Norway (municipality): will support their staff and elected officials in attending trainings hosted by CEBE on climate resiliency projects, will provide meeting space and help publicize public meetings to develop a town climate action plan. The town brings the asset of their mailing list and official communications channels, a trusted platform that will reach individuals not reached by other organizations' email lists. Through our work in the Community Resilience Partnership, the town of Norway has become invested in partnering with CEBE to pursue climate resiliency. Elected officials, the town's employees, and climate committee members are invested in continuing to partner with CEBE as they build capacity to pursue climate adaptation work on their own, and they believe it to be critical to the town's financial wellbeing as their tax base relies on clean and thriving lakes and watersheds threatened by warming waters and nutrient runoff. They've also seen the large turnout of community members

[9] Community Resilience Partnership (n.d.). *Social Vulnerability Index for Maine Communities*. Retrieved from https://www.maine.gov/future/sites/maine.gov.future/files/inline-files/SVI%20Communities%20Map%20and%20List_2021-12-01_1.pdf

at other public engagement meetings held by CEBE on climate resilience, and heard from citizens at selectboard meetings that they support this kind of work. This relationship will be sustained by CEBE continuing to follow through on its commitments, and by continuing to share opportunities with Norway where town officials understand the benefits to their community of taking action. We will continue our work with Norway to help them access resources and develop projects to create models to share with other communities as templates. Through this project we will provide a minimum of four presentations to elected officials and committee members on climate resiliency projects and host two public meetings in addition to regular meetings of the newly-formed climate committee to develop a town climate action plan which will be incorporated into comprehensive plan development.

Oxford Hills School District (MSAD 17): MSAD17 will encourage their board of directors and committee members to attend public engagement sessions held by CEBE to share information about the proposed projects and solicit input, and will continue to provide time during existing meetings for school officials to learn more about the options available and associated the costs and benefits. MSAD17 administration will publicize engagement sessions and ground-breaking or other celebratory events to parents, students, and school faculty, reaching an audience broader than CEBE would on our own. The school board will provide a meeting space, their communications platform for sharing information with families and staff, and they will provide funding for implementation of projects developed through this partnership. The school board has a vested interest in continuing to work with CEBE to transition to renewable energy as they understand the financial savings and stability this offers the district in the future, and they've seen their current model become rapidly unsustainable. The school administration is also supportive of addressing climate change, and the Oxford Hills Comprehensive High School has been the host site for our photovoltaic solar tracker powering three public EV chargers for the last six years. We will maintain our relationship with MSAD17 going forward by continuing to support implementation as we are able, sharing our expertise, serving on their Technical School board to help develop workforce training programs in renewable energy and other trades critical to transitioning to a green economy, and by engaging with faculty and youth in the schools to support them in learning about climate change and feeling comfortable talking to their elders about their concerns for the climate and actions they'd like to see their schools take.

Through this project CEBE proposes to conduct at least four public engagement sessions to share information about funding opportunities and proposed projects, cover financial models and solicit input; provide at least 150 hours of continued support for the school board and committees to understand the options available and support them to make informed decisions; and organize a public event like a ground-breaking or other celebration to mark the transition to clean renewable energy and educate the public as possible and appropriate.

Oxford County Soil and Water Conservation District (OCSWCD): OCSWCD, a quasi-governmental organization, will provide trainings, educational resources, and design support to town officials and others interested in managing town-owned forests and their local watersheds for resilience to the effects of climate change. OCSWCD staff will also help educate community

members on forest management practices and watershed management tools to support carbon sequestration. They will provide both introductory workshops on the topic, as well as site-specific recommendations for towns and others interested in developing projects.

The Western Foothills Land Trust (WFLT) is a community-based nonprofit organization that both owns a large amount of land in the area, and has connections to landowners in the area through conservation and trail easements. WFLT has developed educational curriculum and outreach materials for landowners to use nature-based solutions to protect forests and watersheds. WFLT will connect regional landowners to the project, including those who may be interested in developing demonstration projects on their land. WFLT will support us in identifying landscapes particularly suitable for climate adaptation and potential demonstration projects. The WFLT also has an ongoing relationship with the MSAD 17, providing an environmental educational facility for students on a WFLT property. As CEBE shares an office building with WFLT, we have a strong relationship that includes sharing equipment, knowledge, and resources in both directions. Both partners are invested in maintaining and strengthening this relationship.

2.0 Project Activities / Milestone Schedule / Detailed

a. Project Activities: We will post, hire, and train a Project Coordinator to work on the program, under the supervision of the Project Manager. The coordinator will be the primary point of contact for partnering organizations, manage project timelines and budgets with CEBE staff, create educational materials and templates, design and facilitate workshops and events, and generate marketing materials, press releases and social media content related to the program.

For the town of Norway, we will provide support to implement projects, develop a climate action plan, incorporate climate concerns into their comprehensive plan, and build on existing efforts to identify vulnerable populations. We will consult with the town manager and select board to provide on-demand technical support for grant writing and project implementation, the specifics of which may vary as new resilience project opportunities arise. The anticipated result of this technical support is an increase in resilience project implementation in Norway. We will also support development of the town's climate action plan through collaboration with the Norway Climate Action Advisory Committee (NCAAC). To do so, we will attend NCAAC meetings, research other model plans, finalize and present results of infrastructure and social vulnerability assessments that are currently underway, facilitate a robust public engagement process to be co-designed with NCAAC, and provide writing assistance. Anticipated results of the Norway climate action plan and associated vulnerability assessments are an increase in resilience of the town's municipal operations and vulnerable populations, and incorporation of climate concerns into the comprehensive plan, which will act as a roadmap for building resilience across various sectors of town management as the community grows.

Using Norway as a model, we will extend this support to the other ten communities in the defined region. To do so, we will share template documents for addressing climate change through municipal government based on the process used in Norway. These template and

guideline documents will include climate action plans specific to our rural inland towns, vulnerable population assessments, vulnerable infrastructure assessments, and guidelines for developing landfill solar. We will continue strengthening relationships with and between surrounding municipalities to help them leverage these templates for project implementation in their own communities. We will also offer support for the other ten municipalities in forming and maintaining climate committees and identifying and sharing pertinent resources such funding opportunities, contractors, and consultants. Anticipated results are lower barriers for other towns to achieve their climate goals, greater collaboration between towns, and increased climate resilience across the region.

In partnership with the WFLT and OCSWCD, we will conduct trainings and create educational materials for town officials, school board members, and community members on renewable energy, forest management strategies for carbon sequestration, watershed protection, and other topics. We will also work with landowners (including towns, MSAD17, and WFLT properties) to help design projects to increase soil carbon, decrease erosion, conserve biodiversity and diversify potential income streams. Anticipated results include increased deployment of renewable energy systems in the region, healthier forest ecosystems with increased carbon sequestration, and cleaner lakes, ponds, rivers and streams.

We will continue work to prepare energy assessments for school buildings, prepare reports on energy-efficiency and weatherization projects, prepare reports on renewable energy options and provide guidance on renewable energy contracts and projects; assist in pursuing opportunities to electrify vehicle fleets. Anticipated results include a more stable energy budget for MSAD17, reduction in air pollution in the district from fossil fuel burning, and a healthier educational environment for students, teachers and staff.

b. Milestone Schedule: We anticipate this project being completed in a two-year timeframe, from November 1, 2023-November 1, 2025.

November 2023 - January 2024	Job description for Project Coordinator position developed and posted
	Notify partners, stakeholder meeting to share timelines
	Applicants interviewed and PC position is filled
	Schedule first public trainings on land management practices for community members and town officials
	Outreach to towns explaining services available and upcoming training opportunities with OCSWCD and WFLT
	Support Norway Climate Committee in continuing monthly meetings and

	begin to draft town climate action plan
	Continue building an energy transition roadmap for the school district, identify and prepare for available funding opportunities.
February 2024-April 2024	Conduct first trainings with OCSWCD and/or WFLT
	Schedule second round of trainings and public workshops
	Schedule public engagement sessions for Norway residents to gather input for town climate action plan
	Identify weatherization and energy retrofit projects in schools to be completed and present to buildings committee
May 2024-July 2024	Hold public engagement sessions for Norway residents on town climate action plan
	Outreach to other towns to use model documents and practices from Norway to develop their own climate committees, climate action plans, and incorporate climate change planning into their comprehensive plans
	Hire contractors to continue to delve further into energy usage in school buildings and identify further opportunities for energy conservation, conduct energy audits
August 2024-October 2024	Identify sites for renewable energy projects to be located on school properties, and get initial quotes to present to school board, continue to identify and seek funding opportunities.
	Stakeholder meeting to share best practices, evaluate progress, return to visioning where necessary
	Finalize Norway climate action plan; town of Norway adopts the climate action plan
	Attend town selectboard meetings to continue outreach and support climate committees being formed
	Support towns in implementing land and water conservation projects
November 2024-January 2025	Schedule third round of trainings and public workshops for municipal officials, community members, and school board members
	Schedule public engagement sessions for community members and school board members to learn and share input on renewable energy projects to be owned by MSAD17

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	Contractors present final findings to school board to reduce energy consumption in school buildings
	Outreach to additional towns explaining services available and upcoming training opportunities with OCSWCD and WFLT
February 2025-April 2025	Hold third round of trainings for municipal officials, community members, and school board members
	Support mentorship between town officials in Norway and those in other local towns interested in taking similar steps to address climate change as a municipality
	Hold public engagement sessions for community members and school board members to share input on renewable energy projects to be owned by MSAD17
May 2025-July 2025	Support additional towns and landowners in implementing land and water conservation projects
	Support school board with any additional training required to make informed decisions about developing on-site renewable energy projects, and developing purchasing contracts to supplement with off-site renewable energy as needed.
August 2025-October 2025	Hold ribbon-cutting or other public event to mark progress of MSAD17 in address climate change
	Stakeholder meeting to evaluate progress during grant term, set goals for future collaborations, share lessons learned
	Keep template documents publicly available online for towns interested in pursuing climate resiliency planning

c. Itemized Budget Sheet / Budget Narrative: See attachment

3.0 Environmental Results – Outputs, Outcomes, and Performance Measures

a. Environmental Results (Logic Model): See attachment

b. Performance Measurement Plan: Using a shared project management software, CEBE will assign initial tasks to our partners, making a clear division of labor and developing a timeline that shows which tasks depend upon initial tasks being completed. CEBE will convene quarterly meetings with partners to assess progress, troubleshoot challenge areas, and evaluate if strategies are working. CEBE will place benchmark deadlines in each area of the project to help partners stay on track. CEBE will use online registration and sign-in sheets to tabulate the number and type of community members being reached through engagement sessions and public meetings, and whether these are new community members or the same core group of citizens showing up

repeatedly. Regularly-scheduled school board meetings provide a pre-existing timeline for presenting progress on the energy audits and renewable energy work.

Through online analytics, CEBE can track web page visits, email opens, and social media reach to see if events, reports, plans, and opportunities are reaching a broader audience over the course of the project. In our experience, the follow-through with municipalities and landowners is more challenging than the initial engagement. Whether the projects are EV chargers or fruit and nut trees, they require ongoing maintenance to survive. CEBE will schedule regular check-ins with municipalities and landowners over the course of the grant to keep projects at the forefront and ensure success. To prevent the good intentions of landowners and town officials from getting overwhelmed, CEBE will help stakeholders form a habit of checking in, and a community of others engaged in the work to help replenish inspiration and hold accountable as needed.

CEBE, in combination with other stakeholders, will develop a map of projects being undertaken in the region to address climate change, and continue to add data points to other existing mapping efforts from the state and for specific projects, like EV charging. These visual representations will show progress and help community members understand the scale and scope of the project, as well as highlighting any gaps or challenge areas as they occur.

CEBE will continue to use the EJCPS model to manage performance throughout the project, especially evaluating whether the project activities are working as planned to achieve desired outputs and outcomes, and returning to identifying issues and visioning if they are not.

Internally, CEBE has existing protocols in place to support staff in meeting their goals, through regular staff meetings and check-ins where staff can ask for more resources and feedback.

c. Sustainability Plan and Community Vision: CEBE has built relationships with area towns and schools over the past 10 years, through educational events, teacher trainings with public schools, installing a regional EV charging network, and most recently through our work as a Service Provider in Maine's Community Resilience Partnership (CRP). As part of Maine's Climate Action Plan, *Maine Won't Wait*, the CRP helps municipalities access funding to address the climate crisis. We have enrolled, or are in the process of enrolling, ten local municipalities in the Partnership, and are working on adding a new cohort of five more area towns for the next round of funding. One of the essential aspects of our work with municipalities is a community visioning process which helps communities identify priorities for climate action grants across a broad range of interrelated areas. These include: accelerating the transition to electric vehicles and reducing vehicle miles traveled; reducing emissions through clean energy innovation, protecting natural and working lands and waters; modernizing Maine's buildings; and increasing public awareness of climate change impacts and opportunities to take action.

Unfortunately, our work as a Service Provider is funded by the State only to enroll the community and help write their first grant for the program. It doesn't help with project implementation, writing grants for successive rounds of CRP funding, or assuring that these mostly under-served and under-resourced communities have continued access to other available resources to carry forward the vision for community resilience developed in the CRP community

engagement process. This requested grant funding will not only help communities access additional resources in the short term, but it will also help build capacity in each community to continue evolving their vision and carry it forward. This will happen both through developing skillsets of municipal officials and increasing citizen capacity and awareness within the towns. Norway's nascent climate action committee is such an example. As towns have successes (and failures) pertaining to certain projects, that information will be shared across the network of towns to increase collective knowledge and foster success. Through our larger state-wide networks, CEBE also shares our experiences at numerous conferences, convergences, workshops and webinars annually. The increased capacity and activity provided through this project will benefit not only the towns and partners affiliated directly with this project, but the entire climate action ecosystem across Maine.

As we build collective capacity in our towns, we will also be providing technical assistance to our school district to respond to opportunities for decreasing their carbon footprint through transitioning to clean renewable energy, electrifying building infrastructure and vehicle fleets, and weatherizing buildings. In this process, we will build institutional knowledge and increase the ability of MSAD17 staff and board members to continue this decarbonization work in alignment with Maine's climate action goals.

4.0 Programmatic Capability:

a. Organizational Experience: For the past 10 years, the Center for an Ecology-Based Economy, a community-based 501c3 NPO, has been working with area communities, often in collaboration with other regional organizations, on numerous projects and initiatives across the interrelated areas of food, shelter, energy, transport and education. These projects have ranged from installing solar powered electric vehicle charging infrastructure and a community food forest, to hosting hundreds of educational events on a broad range of climate-related topics, from solar power to regenerative agriculture.

Our recent work as a Service Provider for Maine's Community Resilience Partnership, in which we have engaged extensively with ten area municipalities, has given us valuable experience and helped develop and strengthen critical relationships, both within the towns and with a growing network of contractors in the renewable energy, green building and HVAC fields.

Members of our Energy Working Group, along with a contracted expert in the field, have been working with MSAD17 to identify increased efficiency opportunities within our area schools and have begun to develop a long-range plan for transitioning the district to fully decarbonize its operations by 2045, in line with Maine's landmark climate action plan, *Maine Won't Wait.*

Unlike most other climate-focused organizations in Maine, CEBE maintains a storefront office on Main Street in downtown Norway, which is open to the public on a daily basis. This Center can accommodate 30-40 people for public events and meetings, of which we have hosted hundreds. We also have state of the art technology to conduct remote and hybrid meetings in the space to make meetings more accessible.

b. Staff Experience and Qualifications of Project Manager (PM): With two full- and four part-time staff, a ten-member board of stewards, a broadly experienced advisory board, and participation in many statewide environmental and climate networks, CEBE is uniquely positioned in our region to leverage this funding to assist our rural, traditionally-underserved communities to begin their journey to building resilience to the accelerating impacts of the climate crisis on their people, infrastructure, and ecosystems.

Scott Vlaun is the Executive Director of CEBE and will be the PM. He currently manages the CEBE staff in the execution of our role as Service Provider for Maine's Community Resilience Partnership, production of major statewide convenings such as CEBE's annual 2030 Vision Climate Convergence and Solar & EV Expo, as well as projects such as a growing network of electric vehicle charging stations, a community weatherization project, community solar projects and an affordable housing cooperative.

Prior to his experience as CEBE's founding Executive Director, Mr. Vlaun was a principal partner in Moose Pond Arts and Ecology where he managed a staff of up to eight employees. The company produced major publishing projects in the organic seed industry for Seeds of Change Organic Seeds and others both in print and digital formats. These complex projects included producing seed catalogs on critical deadlines, working with dozens of contributors, vendors and printers. The company also produced an e-newsletter which he edited, websites and other print and digital materials for the industry and numerous other clients across a variety of sectors, one of which was the Western Foothills Land Trust, a partner on this project.

Seal Rossignol, CEBE's Programming and Education Director, will be supervising the education aspects of this project. She has decades of experience in education, both in a public school setting and in outdoor leadership. A founding member of the organization, Ms. Rossignol has organized dozens of events for CEBE and is currently managing our Community Weatherization Project. This program helps homeowners who are experiencing lower incomes to work together to weatherize their homes while gaining important skills to continue maintenance on what are often old and inefficient buildings. Seal holds a masters degree in education and a certificate in outdoor leadership.

Renee Igo has been CEBE's Communication and Project Coordinator since 2020. For this project, she will be responsible for overseeing the creation of a broad range of communication materials including written documents for our newsletter, posters and other printed materials, and social media campaigns. She is a writer, educator and sheep farmer. Ms. Igo holds a BA from Middlebury College in Environmental Studies with a focus in nonfiction writing and was an instructor for Outward Bound for eight years.

Claire McGlinchey is CEBE's Climate Resiliency Program Manager. She specializes in community engagement, grant writing, and qualitative research and spatial analysis, particularly in the fields of climate resilience and environmental justice. In her current role, Ms. McGlinchey manages CEBE's work as a Service Provider for Maine's Community Resilience Partnership (CRP). She coordinates with town officials and volunteers to complete enrollment materials;

plans, promotes, and facilitates public engagement meetings to discuss climate change and prioritize resilience actions; and collaborates with town officials, CEBE staff, and contractors to write grants for resilience projects. She will work directly with the PM and the entire team as a liaison between the CEBE team and towns that we are currently working with through the CRP. Claire graduated summa cum laude from Temple University with a dual major in Environmental Studies and Communication Studies. She is pursuing an M.S. in Natural Resources from the University of New Hampshire, where her thesis explores how environmental justice mapping tools are developed and used for equitable outcomes.

Tony Giambro is CEBE's Municipal Resiliency Coordinator. He is the former owner and operator of Paris Autobarn, the state's only automotive sales and service business specializing in electric vehicles. He achieved ASE certification as an advanced level specialist in hybrid and electric vehicles and has nearly two decades of experience in the automotive industry. Tony brings a wealth of knowledge to CEBE regarding electric vehicles and charging infrastructure as well as solar energy. Tony will work with the project team to help develop and manage EV charging and solar projects in local communities.

c. Expenditure of Awarded Grant Funds: CEBE has multiple ways in which to ensure that funds for this award will be expended efficiently according to the work plan. Firstly, the organization will create an individual project in our Quickbooks accounting system to track all expenditures for the project. These will be checked against the project budget and schedule that will be monitored within our project management system. Finances will be tracked and balanced by our in-house bookkeeper, and reviewed regularly by CEBE's Executive Director and finance committee which is comprised of members of our board of directors. Accuracy in our accounting methods for the project will be assured by an annual review of the organization's finances at the end of the fiscal year by our accounting firm.

5.0 Past Performance:

- 2021, Elmina B. Sewall Foundation: $42,000, (operating support)
    - CEBE successfully expended the funds as part of our annual budget and met the reporting requirements for the grant as we have every year since our first grant from the Sewall Foundation in 2015. As these yearly grants are typically distributed in late spring, we have yet to report on our 2022 funding which is part of a three year grant, designed to reduce application and reporting burdens on recipients.
- 2021, Onion Foundation: $10,000, (operating support)
    - CEBE successfully expended the funds as part of our annual budget and met the reporting requirements for the grant in a timely fashion
- 2022, Governor's Office of Policy Innovation and the Future (Maine), $50,000, (Service Provider grant for Maine's Community Resilience Partnership)

    - CEBE successfully completed the requirements for this grant by providing services to five area towns to enroll them in the Community Resilience Partnership and write their first Community Action grant for the program. All reporting has been satisfactorily completed on schedule.
- 2021, Stifler Family Foundation, $20,000, (matching operating support)
    - CEBE successfully matched this grant through community donations and expended the funds as part of our annual budget. Reporting requirements for the grant were met in a timely fashion.
- 2022, Plug In America, $3,000, (Support for CEBE annual Solar & EV Expo)
    - CEBE successfully completed this agreement by executing our seventh annual EV ride and drive event, engaging over 100 area residents in learning about the benefits of solar energy and electric cars, trucks and bicycles. Detailed records of all expenditures were kept and all reporting requirements were met in a timely fashion.

ED_016126_00000224-00017

Manifest for Grant Application # GRANT13860669

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 28441 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16029 bytes)

2. Form SF424A-V1.0.pdf (size 23164 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40360 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15918 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23902 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37222 bytes)

Attachments Included in Zip File (total 14):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1245-Resume Scott Vlaun.pdf application/pdf (size 139318 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-CEBE Partner Support WFLT.pdf application/pdf (size 82912 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1242-CEBE Partner Support Norway.pdf application/pdf (size 72899 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1243-Resume Tony Giambro.pdf application/pdf (size 139990 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1244-Resume Seal Rossignol.pdf application/pdf (size 268369 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-CEBE-Logic Model .pdf application/pdf (size 38827 bytes)

7. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-CEBE Narrative App.pdf application/pdf (size 256264 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1247-Resume Renee Igo.pdf application/pdf (size 74456 bytes)

9. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1246-Resume Claire McGlinchey.pdf application/pdf (size 102628 bytes)

10. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-Itemized Budget Sheet - Sheet1.pdf application/pdf (size 49980 bytes)

11. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-CEBE employee roster 23.pdf application/pdf (size 109864 bytes)

12. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-CEBE Partner Support MSAD17.pdf application/pdf (size 208627 bytes)

13. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-CEBE Partner Support OHSWCD.pdf application/pdf (size 146116 bytes)

14. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-CEBE 501c3 status.pdf application/pdf (size 37095 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1234-1 - 23 EJ CPS Budget Detail.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1240-23 EJ CPS Narrative.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. EPA Environmental Justice Collaborative Problem-Solving Collaborative Agreement Program	66.306	$	$	$ 500,000.00	$ 0.00	$ 500,000.00
2.						
3.						
4.						
5. Totals		$	$	$ 500,000.00	$ 0.00	$ 500,000.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) EPA Environmental Justice Collaborative Problem-Solving Collaborative Agreement Program	(2)	(3)	(4)	Total (5)
a. Personnel	$ 321,516.00	$	$	$	$ 321,516.00
b. Fringe Benefits	112,530.60				112,530.60
c. Travel	1,855.38				1,855.38
d. Equipment	0.00				0.00
e. Supplies	5,513.43				5,513.43
f. Contractual	0.00				0.00
g. Construction	0.00				0.00
h. Other	13,130.04				13,130.04
i. Total Direct Charges (sum of 6a-6h)	454,545.45				$ 454,545.45
j. Indirect Charges	45,454.55				$ 45,454.55
k. TOTALS (sum of 6i and 6j)	$ 500,000.00	$	$	$	$ 500,000.00
7. Program Income	$ 0.00	$	$	$	$ 0.00

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. EPA Environmental Justice Collaborative Problem-Solving Collaborative Agreement Program	$ 0.00	$ 0.00	$ 0.00	$ 0.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$ 0.00	$ 0.00	$ 0.00	$ 0.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 166,665.00	$ 41,666.00	$ 41,666.00	$ 41,666.00	$ 41,667.00
14. Non-Federal	$ 0.00	0.00	0.00	0.00	0.00
15. TOTAL (sum of lines 13 and 14)	$ 166,665.00	$ 41,666.00	$ 41,666.00	$ 41,666.00	$ 41,667.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. EPA Environmental Justice Collaborative Problem-Solving Collaborative Agreement Program	$ 166,665.00	$ 166,665.00	$ 166,670.00	$ 0.00
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 166,665.00	$ 166,665.00	$ 166,670.00	$ 0.00

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: 454545.45

22. Indirect Charges: 45,454.55

23. Remarks:

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RI-001, RI-002

EJCPS Logic Model: Childhood Lead Action Project 11/1/23-10/31/26				
Resources/Inputs	Activities	Outputs	Audience	Long-termOutcomes (3+ years)
Existing CPS group including all project partners, expertise around building and housing code (project partner DIS), HUD-funded lead abatement program and lead safety repairs (project partner HCD), extensive knowledge about RI's lead poisoning prevention and landlord tenant laws (project partner CFJ), knowledge about lead poisoning community data and medical support (project partner RIC), data, technical support, and expertise around statewide lead poisoning prevention efforts (project partner DOH), community leadership and advocacy (CLAP/applicant), existing RI lead laws requiring lead certificates for most pre-1978 rental housing, existing housing code enforcement authority, system, and data (project partner DIS); Experienced staff to coordinate and facilitate meetings (CLAP/applicant)	CPS group meets quarterly, create list of noncompliant rental properties, create compliance work plan, carry out and evaluate work plan	1) CPS stakeholder group coordinates education, assistance, and enforcement activities and identifies list of 100 rental properties noncompliant to target together to bring into compliance with lead safety requirements (Targets: 10 meetings held, 1 list of properties generated, 1 work flow chart updated).	Owners of pre-1978 properties not in compliance w/ RI lead laws; tenants in pre-1978 properties	a decrease in the incidence of lead poisoning among children under 6 in Providence
Experienced, bilingual staff time (CLAP/applicant), existing network of community members engaged in trainings and support meetings (CLAP, project partner RIC, project partner CFJ), proven model for community engagement and community-driven planning and decision-making (CLAP/applicant)	Community leadership group has quarterly training/support meetings, returning and new members engaged, new members recruited, community members trained on various relevant topics, community members participate in CPS group and/or outreach/education activities	2) Community residents develop environmental knowledge and skills (Targets: 10 training/support meetings held, 20 community members participate incl. 10 new members, 10 community members participate as leaders in additional CPS stakeholder meetings and/or community outreach/education).	Community members/leaders, especially tenants and parents of children under 6 at high risk for lead exposure	multi-stakeholder partnerships among community members and local entities with resources and power to improve environmental conditions strengthened
Experienced, bilingual community educators's time (CLAP/applicant), active community member volunteer base/live in neighborhood, existing effective multilingual educational materials (CLAP, project partner RIDOH), comprehensive citywide noncompliant rental address list produced by project partner RIDOH; free legal assistance (project partner CFJ); Experienced, bilingual staff time (CLAP/applicant), existing 12hr interactive FHV/CHW lead safety curriculum w/ proven pre/post outcomes	Update door-to-door resource packet, conduct door-to-door outreach, train 2 cohorts of community health workers recruited by project partner RIDOH through Family Home Visiting program	3) Families and tenants at high risk for exposure to lead hazards, and community members who serve them educated about lead prevention resources and tenants rights through door-to-door outreach, and community health worker workshops (Targets: 1 resource packet updated, 100 homes visited, 50 conversations held, 150 info packets distributed, 16 community health workers educated, 2 workshop series (5 sessions each) held).	Tenants at high risk for lead exposure, parents of children under 6, community health workers serving those populations	increased capacity among Providence parents, tenants and homeowners to decrease lead hazards at home through use of lead-safe cleaning methods and interim controls and by accessing existing lead abatement assistance programs
CLAP (applicant) RRP training license, curriculum, supplies, site; experienced bilingual training staff, management; existing successful marketing materials/proven recruitment strategy, current high demand for class/word of mouth referrals (oldest/only Spanish language RRP provider in state)	Update RRP promotional flyer, promote RRP classes, schedule and carry out RRP classes, train Spanish-speaking painting and repair specialists to comply with EPA regulation	4) Latino renovation and repair specialists receive training on the EPA Lead Paint Renovation, Repair and Painting Rule and lead-safe work practices (Targets: 1 updated promotional flyer, 10 businesses/venues display flyer, 6 RRP classes held, 40 completion certificates issued to participants).	Spanish-speaking renovation and repair specialists who routinely work on pre-1978 housing units and/or childcare facilities	improved compliance with state EPA lead-safe work practices training requirements by contractors and others undertaking home or child care facility renovations.
$5.7 million HUD lead hazard reduction funds to abate homes in Providence, RI/successful program administered directly by project partner City of Providence (5y grant, renewal received every round for decades/to be requested); targeted enforcement by Providence Department of Inspections and Standards (project partner); technical support from CLAP staff, City staff, other partners; expertise and experience input from community members	Coordinated multi-stakeholder outreach, assistance programs, and enforcement, as guided by community members, to bring target properties into compliance	5) Local homes made lead-safe due to coordinated multi-stakeholder outreach, assistance programs, and enforcement, as guided by community members (25 housing units on target property list issued lead safety certificates).	Owners of pre-1978 properties not in compliance w/ RI lead laws; tenants in pre-1978 properties	a greater supply of lead-safe housing for Providence residents

Manifest for Grant Application # GRANT13861857

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 27217 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16032 bytes)

2. Form SF424A-V1.0.pdf (size 23285 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40246 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15924 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23902 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37211 bytes)

Attachments Included in Zip File (total 7):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-2 - 23 EJ CPS - Logic .pdf application/pdf (size 43934 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-3 - 23 EJ CPS LOC.pdf application/pdf (size 1690569 bytes)

3. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1240-23 EJ CPS Narrative.pdf application/pdf (size 241856 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1234-1 - 23 EJ CPS Budget Detail.pdf application/pdf (size 65205 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-4 - 23 EJ CPS Resumes.pdf application/pdf (size 224313 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-5 - 501c3.pdf application/pdf (size 487932 bytes)

7. SF424_4_0 SF424_4_0-1239-Congdist.pdf application/pdf (size 14056 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1234-GMRI EJCPS Budget Justification_Final.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1239-Application Work Plan Final.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

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BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. EJCPS	66.306	$	$	$ 499,997.00	$	$ 499,997.00
2.						
3.						
4.						
5. Totals		$	$	$ 499,997.00	$	$ 499,997.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) EJCPS	(2)	(3)	(4)	Total (5)
a. Personnel	$ 131,816.00	$	$	$	$ 131,816.00
b. Fringe Benefits	49,680.00				49,680.00
c. Travel	10,028.00				10,028.00
d. Equipment					
e. Supplies	499.00				499.00
f. Contractual	140,550.00				140,550.00
g. Construction					
h. Other	10,800.00				10,800.00
i. Total Direct Charges (sum of 6a-6h)	343,373.00				$ 343,373.00
j. Indirect Charges	156,624.00				$ 156,624.00
k. TOTALS (sum of 6i and 6j)	$ 499,997.00	$	$	$	$ 499,997.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. EJCPS	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 170,458.00	$ 42,614.50	$ 42,614.50	$ 42,614.50	$ 42,614.50
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 170,458.00	$ 42,614.50	$ 42,614.50	$ 42,614.50	$ 42,614.50

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. EJCPS	$ 170,458.00	$ 164,547.00	$ 164,992.00	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 170,458.00	$ 164,547.00	$ 164,992.00	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: Total Direct Charges: $343,373

22. Indirect Charges: Total Indirect Charges: $156,624

23. Remarks: GMRI's federally negotiated indirect rate is 51.67% of MTDC. No indirect costs are applied to subaward or contract amounts in excess of $25,000 or to external facilities rental costs.

APPENDIX F

EJCPS Budget Detail Template (Optional) Applicants who do not use this template will not be penali evaluation process.

	Description	Total
Personnel	**Co-PI Chief Scientific Officer** oversight of project. (Y1: 20 hrs, $1,606; Y2: 15 hrs, $1,277; Y3: 10 hrs, $902). **Co-PI Chief Community Officer** oversight of project. (Y1: 20 hrs, $1,315; Y2: 15 hrs, $1,046; Y3: 10 hrs, $739). **Fisheries Technical Assistance Program Mgr.** (800 hrs per year) (Y1 $26,920; Y2 $28,535; Y3 $30,247). **Climate Center Director** program support. (Y1: 20 hrs, $1,697; Y2: 15 hrs, $1,349; Y3: 10 hrs, $953). **Research Scientist in Coastal and Marine Economics** program support. (Y1: 40 hrs, $1,835; Y2: 40 hrs, $1,945; Y3: 40 hrs, $2,062). **Business Climate Action Program Manager** program support. (Y1: 156 hrs, $5,401; Y2: 156 hrs, $5,725; Y3: 156 hrs, $6,068). **Communications support.** (Y1: 80 hrs, $3,830; Y2: 80 hrs, $4,060; Y3: 80 hrs, $4,304).	$ 131,816
Fringe Benefits	GMRI charges 37.69% for fringe benefits on salaries and wages of all regular employess. This rate includes 9.69% paid leave and 28% other fringes: payroll tax, health insurance, workers; comp insurance, and 401(k) retirement plan contributions.	$ 49,680
Travel	**Mileage** Y1: 6 trips x 250 miles at $.655 (federal rate) = $983 Y2: 6 trips x 250 miles at estimated rate $.6943 = $1,041 Y3: 6 trips x 250 miles at estimated rate $.7359 = $1,104 **TOTAL MILEAGE = $3,128** **Lodging** Y1, Y2, Y3: 2 nights x 2 rooms at estimated rate of $275 per night = $1,100 per year **TOTAL LODGING = $3,300.** **Meals (per diem)** Y1, Y2, Y3: 8 days x 2 people at $75 per day = $1,200 per year **TOTAL MEALS = $3,600**	$ 10,028
Equipment		
Supplies	**Materials & Supplies** including consumables (paper, markers, post It poster boards, binders). This is based on catalog price: $42 for paper, $33 for markers, $143 post It poster boards, $82 binders. Y1: $300 Y2: $199 **TOTAL MATERIALS and SUPPLIES = $499**	$ 499
Contractual	**Contractual Support for Laura Singer to provide consultant services as Off Shore Wind Senior advisor to GMRI staff.** Time is estimated at 139 hours at $150 per hour ($20,850 per year for Y1, Y2, and Y3). **TOTAL: $62,550.** **Five fishermen to provide advisory feedback to GMRI during convenings.** Fishermen will be compensated for their time and travel at $5,200 per person per year. ($26,000 per year for Y1, Y2, and Y3) **TOTAL = $78,000**	$ 140,550
Construction		
Indirect Costs	GMRI federally negotiated indirect rate is 51.67% of MTDC. GMRI's cognizant agency is the U.S. Department of Commerce. The rate is audited and negoiated by the Department of Interior on behalf of the Dept of Commerce. (Y1: $57,764; Y2: $50,061; Y3: $48,799) **TOTAL INDIRECT: $156,624**	$ 156,624
Other	**Event hosting:** Cost for 30 people at each convening at $15 per person (6 events per year) = $2,700 per year for Y1, Y2, and Y3. **TOTAL EVENT COST: $8,100 (subjected to indirect).** **Rental cost for facilitation of convenings:** A host location for the convenings that are taking part outside of the Portland area. Estimated cost is $900 per year for Y1, Y2, and Y3. **TOTAL HOST COST: $2,700 (exlcuded from indirect).**	$ 10,800
		$ 499,997

Building Capacity for Disadvantaged Working Waterfront Communities to Engage Constructively in Offshore Wind Development in the Gulf of Maine

Logic Model

Resources/ Inputs	Activities	Outputs	Audience	Short-term Outcomes (6-12 mos)	Intermediate Outcomes (12-24 mos)	Long-term Outcomes (2+ yrs)
Objective 1: Staff time Partner organizations	Identify five strategic advisors Workshops in six identified communities Identify resource deficits and topics of concern Revaluate topics of concern with strategic advisors and community partners	List of community needs on five topics Prioritize topics and identify resource deliverables Update community needs on five topics	Working waterfront community members Lobster industry Groundfish industry Seafood industry (shoreside) Fisheries managers Fisheries researchers Socio-economic researchers	5 strategic advisors are engaged in project development Understanding where communities are lacking understanding in the OSW development process and underpinning science Community members feel like their needs are heard	5 strategic advisors are engaged in the evaluation of the project Working waterfront communities have reprioritized needs	5 strategic advisors develop additional leadership experience within the OSW development process Increase in working waterfront communities understanding of OSW development process and science
Objective	Compile and	Resources	Working	Increased	Increased capacity	Increased # of

1.2 Staff time GMRI Communications Team time Partner organizations BOEM stakeholder engagement opportunities	translate information on OSW science and process Develop resources to be shared with communities Determine outreach mechanisms Share resources with stakeholder networks Community partners share resources with their networks Solicit feedback on resources created Provide updates to resources	shared to working waterfront communities (ie: websites, newsletters, emails, texts, translated science, reports, 1:1 conversations, etc) Promotion of federal BOEM stakeholder engagement opportunities Updates to resources based on community feedback and reevaluation	waterfront community members Lobster industry Groundfish industry Seafood industry (shoreside) Fisheries managers Fisheries researchers Socio-economic researchers	understanding of the OSW development process Increased understanding of OSW science Increased capacity of working waterfront communities to engage in learning about OSW Increased number of members participating in BOEM stakeholder engagement opportunities Emerging relationships between communities and decision-makers	working waterfront communities have within the OSW decision-making process Increased # of partners Increased # of stakeholder groups participating in BOEM stakeholder engagement opportunities Increased # of partners directly building relationships with decision-makers	decisions made with the influence of working waterfront community members Increased # of deep relationships between communities and decision-makers
Objective 2 Staff time	Build an understanding of community	Report on potential impacts and	Working waterfront community	Working waterfront communities	Increased # of community members engaging	Community benefit arrangements are designed with co-

Partner organizations OSW Developers	benefit arrangement development Resource economists gather baseline data on anticipated impacts Hold foresighting workshops Hold training on integrating co-created solutions Facilitate engagement to create community benefit arrangements Analyze community benefit agreements	opportunities of OSW development 3 co-created solutions and strategies to be used in community benefit arrangements Community members and developers meet to integrate co-created solutions into community benefit arrangements Report on the success of integrating co-created solutions	members Lobster industry Groundfish industry Seafood industry (shoreside) Fisheries managers Fisheries researchers Socio-economic researchers	understand what a community benefit arrangement is Communities motivated to develop co-created solutions Communities understand the impacts and opportunities of OSW development Multiple stakeholder groups understand each other's competing needs and interests Communities build skills in developing co-created solutions	in community benefit arrangement conversations Increased # of stakeholders participating in co-creating solutions and strategies Increased # of community members interested in participating in training	created solutions to minimize the impact and promote working waterfront communities' sustainability

Manifest for Grant Application # GRANT13860282

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 24908 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16037 bytes)

2. Form SF424A-V1.0.pdf (size 22947 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40343 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15931 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23955 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37297 bytes)

Attachments Included in Zip File (total 6):

1. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1239-Application Work Plan Final.pdf application/pdf (size 693328 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-Logic Model_Final.pdf application/pdf (size 31212 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-GMRI_CVs_Combined.pdf application/pdf (size 1084106 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-GMRI_Letters of Commitment_Combined.pdf application/pdf (size 1248713 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1234-GMRI EJCPS Budget Justification_Final.pdf application/pdf (size 101041 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-GMRI_IRS_Letter of Determination .pdf application/pdf (size 580154 bytes)

Project Title: Building Capacity for Disadvantaged Working Waterfront Communities to Engage Constructively in Offshore Wind Development in the Gulf of Maine
Project Location:
Portland, ME 04101; Pleasant Point, ME 04667; Stonington, ME 04681; Hampton, NH 03842; Gloucester, MA 01930; New Bedford, MA 02740
Applicant Information: Gulf of Maine Research Institute, Portland, ME, 04101
GMRI Description: We are an independent, objective nonprofit organization dedicated to the resilience of the Gulf of Maine ecosystem and the communities that depend on it. We leverage the Gulf of Maine to test and develop solutions to ocean challenges around the world. Our interdisciplinary approach combines world-class marine research with robust community and education programming to understand how natural, social, and economic systems interact.
Abstract: This project will build capacity for disadvantaged working waterfront communities to have meaningful involvement in the offshore wind (OSW) development process in the Gulf of Maine. This project will create a community of practice that focuses on constructive engagement in the development process and collaborative problem-solving to create community benefit arrangements. In Objective 1, we will build a shared understanding of communities' informational and engagement needs to tailor outreach resources. We will develop resources and opportunities that inform and prepare communities to participate in the OSW process from the identified knowledge gaps and areas for support (e.g., OSW impacts, procedural process clarity, case studies of success, and engagement in public comment periods), and will share our work through our network of community partners positioned within project communities. In Objective 2, we will build the capacity for communities to engage in community benefit arrangements through collaborative problem-solving and co-creation. We will facilitate workshops to co-design response measures that mitigate or minimize adverse impacts of OSW development on communities. The project team believes that the most equitable form of OSW development emphasizes an optimized, shared use of marine resources and promotes shared success for working waterfront communities' long-term sustainability and resilience. We will build genuine and trusting relationships between developers, government, and communities to ensure that the community of practice persists beyond the project's period of performance.
Project Type: Public education; training
Special Considerations: Climate Change Resiliency; Rural Areas
Environmental Issue: Environmental Information and Location; Greener Living; Science; Climate Change
Project Partners: Maine Coast Fishermen's Association (Maine groundfish community); Maine Lobstermen's Association (Maine lobster community); Massachusetts Lobstermen's Association (Massachusetts lobster community); New England Fisheries Management Council (fisheries management body); Ready Seafood (shoreside seafood community), Red's Best (fish processor and distributor)
We will not develop a QAPP; We are not applying for the Small CBO Set Aside Track

Program Objectives

Environmental and Public Health Information of the Underserved Community

OSW development in the Gulf of Maine presents immense decarbonization and economic opportunity by capitalizing on the region's enormous ocean wind resource while also creating

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new jobs, investment, and tax revenues.[1] However, these opportunities can only be achieved through navigating a complicated process that involves a multitude of agencies and entities - all with differing authorities, motivations, and roles. From the wide-ranging impacts of climate change,[2] specific fisheries management actions in response to declining fish stocks,[3] and the protection of North Atlantic Right Whales,[4] working waterfront communities must adapt to many external processes and systemic changes. OSW development adds another layer of uncertainty and fundamental changes to navigate.

There is a strong need to build capacity for the inclusion of voices and knowledge of working waterfront communities early in the OSW development process meaningfully and equitably. An equitable process includes enabling all voices and diverse perspectives to engage in dialogue about decision-making.[5] We will focus our efforts within six working waterfront communities: Pleasant Point, Stonington, and Portland in Maine; Hampton in New Hampshire; and Gloucester and New Bedford in Massachusetts. Each year of the project we will hold listening sessions and workshops to understand communities' needs to build capacity for stakeholders to engage in the federal OSW process. These six disadvantaged communities were prioritized for involvement in this project because they rely on the marine resources that may be impacted by OSW development. Marine resources in the Gulf of Maine represent some of the most productive and valuable fisheries in the United States, accounting for almost a quarter of the nation's landings by value[6]. In addition, NOAA's Social Indicator tool ranks each of the communities as being at high risk for impacts to marine resources due to their direct engagement in fisheries and associated labor force vulnerabilities[7]. Thus, adverse impacts on these working waterfront communities represent a significant risk to the local and regional economy.

While OSW presents a potential change to the management of regional marine resources, it is also a key strategy in the US[8] for reducing the carbon emissions associated with climate change, the effects of which are an important source of vulnerability for working waterfront communities. This issue is particularly acute in the Gulf of Maine, where Sea Surface

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[1] Maine Offshore Wind Roadmap. (2023). https://www.maine.gov/energy/sites/maine.gov.energy/files/inline-files/Maine_Offshore_Wind_Roadmap_February_2023.pdf

[2] Pershing, A. J., Alexander, M. A., Brady, D. C., Brickman, D., Curchitser, E. N., Diamond, A. W., McClenachan, L., Mills, K. E., Nichols, O. C., Pendleton, D. E., Record, N. R., Scott, J. D., Staudinger, M. D., & Wang, Y. (2021). Climate impacts on the Gulf of Maine ecosystem. Elementa: Science of the Anthropocene, 9(1). https://doi.org/10.1525/elementa.2020.00076

[3] Scheld, A. M., & Walden, J. (2018). An Analysis of Fishing Selectivity for Northeast US Multispecies Bottom Trawlers. Marine Resource Economics, 33(4), 331–350. https://doi.org/10.1086/699712

[4] Bisack, K. D., & Magnusson, G. M. (2021). Spatial Management to Reduce Entanglement Risk to North Atlantic Right Whales in Fishing Gear: A Case Study of U.S. Northeast Lobster Fishery 2002–2009. Frontiers in Marine Science, 8, 540966. https://doi.org/10.3389/fmars.2021.540966

[5] Haggett, C., Brink, T. ten, Russell, A., Roach, M., Firestone, J., Dalton, T., & McCay, B. J. (2020). Offshore wind projects and fisheries. Oceanography, 33(4), 38–47.

[6] NOAA. (n.d.). *NOAA Landings Data Portal*. Retrieved April 6, 2023, from https://www.fisheries.noaa.gov/foss/f?p=215:200:2242193749006:::::

[7] Fisheries, N. (2021, August 19). *Social Indicators for Coastal Communities | NOAA Fisheries* (National). NOAA. https://www.fisheries.noaa.gov/national/socioeconomics/social-indicators-coastal-communities

[8] House, T. W. (2022, September 15). *FACT SHEET: Biden-Harris Administration Announces New Actions to Expand U.S. Offshore Wind Energy*. The White House. https://www.whitehouse.gov/briefing-room/statements-releases/2022/09/15/fact-sheet-biden-harris-administration-announces-new-actions-to-expand-u-s-offshore-wind-energy/

Temperatures (SST) are rising faster than 99% of the global ocean[9]. Among other things, rising SSTs have been associated with declines in regionally important commercial fisheries species, such as lobster and cod. Projections of marine resources in the Gulf of Maine indicate that commercially fished species could decline by 62% if SST rises by 2°C in the Gulf of Maine[10]. The loss of landing values due to this rise in SST could have a devastating effect on the Gulf of Maine's commercial fishing industry. In addition to the risks climate change places on these important marine resources, the six identified communities also face several vulnerabilities identified in the EPA's Environmental Justice Screening and Mapping Tool (EJ Screen)[11] and Climate and Economic Justice Screening Tool[12]. Those vulnerabilities and how this project addresses them are outlined below:

- **Workforce Development:** Three of the six communities (Gloucester, MA; Portland, ME; and New Bedford, MA) face acute workforce development vulnerabilities due to a high proportion of residents without a high school education or equivalent (greater than 10%) and a low median income. This project seeks to address this issue by creating resources and engagement opportunities that are accessible to the target communities. We will do this by working with the community members to tailor the project resources to their needs. In addition, OSW is projected to create employment and income opportunities. Responsible development of OSW will protect heritage industries, such as fishing while creating new opportunities for employment and income generation.
- **Climate Change**: One community (Hampton, NH) was identified as having a high vulnerability to projected sea level rise and the associated increase in flood risk. However, it is noted that EJScreen does not take into account warming SSTs. Therefore, there is a risk to all communities given warming SSTs as they have a large impact on the economic resources that all communities rely on. This project addresses these issues by working towards OSW development as a key solution in the fight against climate change.
- **Energy**: Two of the communities (Pleasant Point and Stonington, ME) are afflicted by the combined effects of low income and high energy costs. This project will address these issues by creating a pathway to responsible OSW development, which is projected to create employment opportunities for working waterfront communities. Further, the addition of renewable energy from OSW is expected to decrease the cost of the regional electric supply, meaning lower electricity costs for the communities we work with.
- **Environmental Justice:** All six communities rank high in Environmental Justice scoring criteria with each community facing high rates of poverty, ranging from 13.1-23.5%. Additionally, each of the communities is affected by a combination of high ozone

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[9] Pershing, A. J., Alexander, M. A., Hernandez, C. M., Kerr, L. A., Le Bris, A., Mills, K. E., Nye, J. A., Record, N. R., Scannell, H. A., Scott, J. D., Sherwood, G. D., & Thomas, A. C. (2015). Slow adaptation in the face of rapid warming leads to collapse of the Gulf of Maine cod fishery. *Science*, *350*(6262), 809–812. https://doi.org/10.1126/science.aac9819

[10] Pershing, A. J., Alexander, M. A., Brady, D. C., Brickman, D., Curchitser, E. N., Diamond, A. W., Loren, M., Mills, K. E., Nichols, O. C., Pendleton, D. E., Record, N. R., Scott, J. D., Staudinger, M. D., & Wang, Y. (2021). Climate impacts on the Gulf of Maine ecosystem: A review of observed and expected changes in 2050 from rising temperatures. *Elementa*, *9*(1). https://doi.org/10.1525/elementa.2020.00076

[11] *EJScreen*. (n.d.). Retrieved April 7, 2023, from https://ejscreen.epa.gov/mapper/index.html?wherestr=04103

[12] *Climate and Economic Justice Screening Tool*. (n.d.). Climate and Economic Justice Screening Tool. Retrieved April 7, 2023, from https://screeningtool.geoplatform.gov

concentration, high particulate matter, and high air toxic respiratory hazard index. All of these hazards have elements that trace back to the burning of fossil fuels, including those used to create energy for the electric grid. By focusing on building a responsible pathway for OSW development in conjunction with working waterfronts, this project seeks to mitigate these environmental justice issues by aiding in the transition to cleaner energy sources.

Key Risk factors Identified in EJ Screen, Climate and Economic Justice Screening Tool, and NOAA's Social Vulnerability Indicator.							
	Vulnerability Metric	**Gloucester, MA**	**New Bedford, MA**	**Hampton, NH**	**Stonington, ME**	**Pleasant Point, ME**	**Portland, ME**
NOAA Social Indicator Tool	Poverty	Low	High	Low	Medium	High	Medium
	Fishery Engagement	High	High	High	High	Low	High
	Fishery Reliance	Medium	Medium	Low	High	Low	Low
	Labor Force	Low	Low	Low	Low	Medium	Low
	Community Composition	Low	Medium-High	Low	Low	High	Low
EPA EJ Screen	Poverty Rate	13.11%	23.53%	13.24%	15.66%	18.92%	16.83%
	Ozone						
	Traffic Proximity						
	Air Toxic Respiratory Hazard Index						
	Particulate Matter						
EPA Climate and Economic Justice	Energy						
	Education						
	Housing						
	Health						
	Legacy Pollution						
	Climate Change						
	Transportation						
	Water and Wastewater						
	Workforce Development						
	Income/poverty						

Table 1: Key risk factors identified with EJ Screen, Climate and Economic Justice Screening Tool, and NOAA's Social Vulnerability Indicator.

The six working waterfront communities also experience other vulnerabilities as identified by the EJ Screen such as Health, Transportation, Legacy Pollution, and Housing. While these vulnerabilities are not directly targeted by this project, the underlying issues of low income and poverty are addressed. By working with these communities, this project will help empower the

communities to protect their heritage industries and create a mutually beneficial pathway for an industry that is projected to create jobs and reduce energy prices at a regional level[13].

Organization's Historical Connection to Underserved Community

We engage deeply in complex ocean challenges by being evidence-based, transparent, and nonpartisan. GMRI has been advancing cooperative research and collaborative solutions with diverse stakeholders to better understand the Gulf of Maine since the early 1990s. GMRI successfully engages with working waterfront communities to provide information on topics including fisheries management, climate adaptation, and supply chain development. Our decades of experience building capacity within communities to engage in federal fisheries management and science affirm that there is attainment in our approach.

GMRI has successfully supported working waterfront communities to build the capacity to engage in fisheries management through the Marine Resource Education Program (MREP). MREP empowers fishers from working waterfront communities to better understand how to engage in fisheries science and management through a series of workshops in seven of the eight US fisheries management regions. MREP has transformed the way that stakeholders engage in management as they have achieved success through workshop participants routinely becoming voting council members. This details the transformation of a concerned community member to one who maximized their impact in federal fisheries management.

The Fisheries Technical Assistance Program (FTAP) provides a range of convening and innovation programs to New England's fishing industry to promote the long-term prosperity of local fisheries and communities. FTAP has supported working waterfront communities to adapt to external changes during the shift towards sector management by serving as a boundary organization to stakeholders and managers. FTAP facilitated a series of convenings that encouraged the fishing industry to assess, prepare for, and thrive under change with partners and communities included in this project. This work created neutral spaces where marine stakeholders could freely share ideas, resources, and experiences to inform better management practices and regulations under a new system.

The Climate Center supports Maine's rural working waterfront communities by growing their capacity to plan and prepare for coastal climate impacts through the Community Resilience Training program. This program empowers communities with the knowledge, skills, and relationships to create data-driven and community-informed climate resilience plans. These trainings were conducted with Owls Head, South Thomaston, St George, Rockland, Rockport, and Camden, Maine which represent areas with similar demographics to the communities listed in this project. The Business Climate Action Program expands on community-centric work by growing capacity in the regional blue economy to mitigate and adapt to the impacts of climate change. The respect and trust that these communities have in GMRI is built upon these programs and is foundational in our mission to support the working communities that depend on the Gulf of Maine.

Community-driven participation is integral across all departments at GMRI. The current project plan was developed in response to our project partners and communities calling out the gap between their communities and the OSW development process. Each partner sees GMRI as a bridging organization that has successfully developed programs that build capacity for their stakeholders to engage in management processes in the past, therefore, this is a role that GMRI is well suited for. As OSW development presents both a solution for climate change and a

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[13] *WINDExchange: Wind Energy's Economic Impacts to Communities*. (n.d.). Retrieved April 7, 2023, from https://windexchange.energy.gov/projects/economic-impacts

challenge to current marine resources, GMRI's involvement in this space directly aligns with our mission to identify collaborative solutions to global ocean challenges.

Our project partners, The New England Fisheries Management Council (NEFMC), Maine Coast Fishermen's Association (MCFA), Maine Lobstermen's Association (MaineLA), Massachusetts Lobstermen's Association (MassLA), Reds Best, and Ready Seafood represent diversity within working waterfront communities as they include the groundfish and lobster communities across all regions, the seafood supply sector, as well as the fisheries management body. GMRI has worked closely with Reds Best and Ready Seafood through our efforts to improve seafood quality and infrastructure in the Gulf of Maine. Additionally, we have worked closely with NEFMC through our staff serving on advisory committees as well as presenting on fisheries research at council meetings. MaineLA and MassLA are new partners to GMRI for this project. These new partnerships show an increased need for collaboration across working waterfront sectors to come together to build capacity for OSW engagement. While each of our project partners has a geographical footprint that aligns with the six communities we plan to engage in, we have a specific connection to Pleasant Point, Maine through GMRI's Indigenous Partnerships Manager, who is a member of the Passamaquoddy Tribe and will serve as a conduit between this project and tribal communities and needs.

Before the start of this proposed project, GMRI will be working with MCFA to support fishing communities engage with the current phase of the BOEM process. This work will focus on using existing fisheries data and local fishers' knowledge to best inform stakeholders' feedback and comments on where the most suitable boundaries are for OSW development. MCFA will provide direct connections with their fishing members and GMRI will provide science translation and training to enable community members to directly engage with the federal process. This work will serve as a stepping stone and catalyst for this project.

EJCPS Model

1. Issue Identification, Community Vision, and Strategic Goal Setting

The first element of the EJCPS Model underpins our intention for seeking funding for this work. Our network of working waterfront community partners approached GMRI with several requests to develop a portfolio of work that serves as a bridge between their communities and the information and resources they need to successfully engage in OSW development. The project will be guided by strategic advisors who will be selected by our community partners and represent existing leadership from diverse backgrounds within working waterfront communities. These strategic advisors will engage with the project during decision and evaluation points to ensure that the project aligns with the needs of their community. We focus on issue identification in *Objective 1.1: Build an understanding of the informational, educational, cultural, and engagement needs regarding OSW development from strategic advice from community members.* Through a series of workshops in the six focus communities that will occur each year, we will identify what topics are the highest priority for developing resources that will support our stakeholders' informational and resource needs. By revisiting these topics each year we will be reflexive to the changing needs of the community. *Objective 2: Build capacity for stakeholders to engage in community benefit conversations through facilitated workshops to co-design future scenarios to mitigate or minimize adverse impacts of OSW development* focuses on building a community vision for the development of community benefit arrangements. We refer to Community Benefit Agreements (CBA) and Power Purchasing Agreements (PPA) collectively as community benefit arrangements. Through foresighting workshops, community members will

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identify shared values and concerns to inform co-created strategies and solutions for building community benefit arrangements with OSW developers.

2. Community Capacity-Building and Leadership Development

The overall goal of this project is to build capacity for working waterfront communities to engage in the OSW development process. Our network of partners has engaged in the OSW development process but has remained frustrated with poor federal outreach, lack of clarity on OSW impacts, and misunderstood avenues to provide influence in the process. We will work with the communities to fill information gaps, provide training on how to engage in the federal process, and foster relationships directly with community members and decision-makers. Our workshops will provide training on tangible ways for community members to influence the federal process, whether that be through supporting them with the best available science to back their feedback, or by working with them to develop key talking points or draft letters to be submitted during periods of public comment.

3. Consensus Building and Dispute Resolution

We will find effective ways of making group decisions through Objective 2 and our foresighting workshops and trainings. Each stakeholder group must be involved in co-creating solutions to be used in community benefit arrangements to fully represent working waterfront communities. Through Objective 2, we will work with our partners to build consensus through the foresighting approach to identify future scenarios in which OSW development may impact the community. From these future scenarios, community members will be tasked with co-creating solutions and strategies to mitigate the impacts. In these workshops, GMRI will serve as a neutral third party to support dispute resolution.

4. Multi-Stakeholder Partnerships and Leveraging of Resources

Our network of lobster and groundfish fishing industry, fisheries management, and seafood supply chain community partners represent multiple stakeholder groups within working waterfront communities. These partners have been engaged in the development of this proposal and will be engaged early and thoroughly throughout the project. As our network of partners have deep connections within their stakeholder groups and communities, they have committed to sharing resources and opportunities that we create within their networks. This will leverage our work and focus our efforts directly within our intended audience to further build working waterfront communities' capacity to engage. Community partners called out in this proposal are not fully comprehensive as we plan to engage with other working waterfront stakeholder groups as OSW development becomes a focus area for other relevant stakeholders. These future partners could include the aquaculture industry, port authorities, town government, and other marine resource stakeholders. As new partners are identified, we will be reflexive to changing community needs.

BOEM will be hosting several stakeholder meetings to solicit public comment throughout the OSW development process. These stakeholder meetings are critical touchpoints between the federal agency and the stakeholders for influencing the outcome of critical decisions in the development process. We plan to leverage these existing federal meetings with our stakeholders by providing additional outreach to bring more stakeholders to the meetings, providing resources for stakeholders to reference with their public comments, and providing training on how to constructively engage. By leveraging these meetings we are enhancing the dialogues that lead to partnerships between these groups and the decision-makers.

5. Constructive Engagement by Relevant Stakeholders

Community benefit arrangements are required and approved by BOEM and exist between OSW companies and communities. These arrangements will require constructive engagement from OSW developers to agree to provide the requested resources and services to communities that their work will impact. These arrangements will be designed through conversations between community members and developers and require high levels of cooperation. We will support community members with these conversations by identifying when they will take place, ensuring that diverse stakeholders represent the community and that the stakeholders are prepared with a shared understanding and vision for what they would like to achieve with the community benefit arrangement. The future scenarios that the foresighting workshops will build from will be guided by our resource economist and other research institutions to provide a clear analysis of the future impacts of OSW development. Objective 2 emphasizes effective relationships with researchers and developers to achieve a solution space for community members.

6. **Sound Management and Implementation**

Objective 1.1 will identify the topics for which we will create resources and develop strategies tailored to the target communities' assets and deficits. We will revisit these topics each year to be reflexive to changing community needs. Our communication structure outlined in Objective 1.2 will be guided by our strategic advisors and community partners. Our community partners have committed to sharing resources that GMRI creates. In addition to providing a bridge between their community and our project, their roles will be more clearly defined as the workshops begin to identify their strengths and areas for needed support. Evaluation will be conducted each year by the strategic advisors to ensure that the project is on track to support the community goals. We will provide further evaluation of Objective 2 to identify if the co-created strategies and solutions are being implemented in community benefit arrangements. If our evaluations identify shortcomings in the project, we will work with strategic advisors to be reflexive and shift our priorities to better meet the needs of the communities.

7. **Evaluation, Lessons Learned, and Replication of Best Practices**

Our progress will be evaluated by our strategic advisors on an ad-hoc basis and annually at workshops defined in Objective 1.1. At the onset of this project, we will use the lessons learned from regions that are further along in the OSW development process, such as Southern New England, to inform our own stakeholder engagement and community benefit arrangement processes. As tasks to achieve each objective repeat in years two and three, we will use our evaluation of progress to develop best practices to carry forward throughout the project. We plan to leverage the success of our project through our Marine Resource Education Program (MREP), by having this project serve as a model for capacity building in OSW development for other regions of the country.

Project Linkages

Our project directly connects to EPA Strategic Plan Goal 2, Objective 2.1: Promote Environmental Justice and Civil Rights at the Federal, Tribal, State, and Local Levels by aiding working waterfront communities to become increasingly organized, informed, and equipped to develop their visions of wellbeing and resilience, advocate for change, and influence the OSW development process.

Through this project, working waterfront communities will be...

- **More organized** through our efforts to inform them of when and how to engage in the federal OSW development and leasing process (Project Objective 1.1 and Objective 1.2).

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- **Equipped to develop their visions** of well-being and resilience through our foresighting workshops that will co-develop solutions to be used in community benefit arrangements that advance their vision of fair mitigation of OSW developments' impact on their community (Project Objective 2). Additionally, the resources we develop during this project will be guided by the needs of the community and aligned with their priorities (Project Objective 1.1 and Objective 1.2).
- **Enabled to advocate for change** through our creation of resources based on their needs to better understand both the science and process of OSW development. By encouraging community members to engage in community benefit arrangement conversations with their co-created solutions and strategies, there is a higher potential for changing traditional mitigation measures to ones that promote the long-term sustainability of the community.
- **Encouraged to influence** the OSW development process as our developed resources, workshops, and training will prepare them for constructive and effective engagement. Our project will create communities of practice and develop direct connections between communities and decision-makers, to bridge the gap between the communities' vision and the outcome of OSW development.

This work will achieve progress for disadvantaged communities and promote fair treatment and meaningful involvement in developing and implementing OSW leases in the Gulf of Maine. As working waterfront communities are reliant on marine resources, they will be one of the first groups to experience the impacts of climate change. This project maximizes protection for these communities as OSW development can be a solution to reduce carbon emissions and mitigate climate impacts, but also because the community will influence the changes that OSW development will bring to marine resource management.

Partner and Collaborate

Our project partners initiated and are interested in this project because their stakeholders feel underrepresented, unheard, and overwhelmed by the OSW decision-making process. MCFA, MaineLA, MassLA, Ready Seafood, and Reds Best each bring trusted connections with their stakeholder group and associated community. Our partnership with NEFMC allows us to access and leverage the federal fisheries management process. We plan to maintain these relationships with ongoing communication throughout the project as community partners will be invited to participate in all listening sessions, workshops, and trainings, and be asked to share resources we create with their networks.

Our community partners will drive participation in the project as they will identify the five strategic advisors that will be compensated for their active engagement and advice on project direction. Strategic advisors will come from various working waterfront backgrounds (i.e. fishers from lobster and groundfish industries, port authority members, and the seafood industry) to represent the diverse interests. Our strategic advisors will meet at the onset of, and actively throughout, the project to identify the top needs of their representative communities as well as strategies to appropriately engage each community in the project.

This project promotes collaboration among our community partners as multiple marine resource stakeholders, with various needs and visions, will work together to co-create solutions and strategies for community benefit arrangements. With lobster, groundfish, and shoreside community members involved in co-creating solutions, community benefit arrangements will be comprehensive of community needs rather than tailored just for one stakeholder group.

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Community Partner	Stakeholder Group / Community	Reach	Planned Role/Contribution
Maine Coast Fishermen's Association	Groundfish community / Maine working waterfront	500+	Recommend strategic advisors; identify topics of concern; share resources and opportunities with their community through newsletters, dock talks, podcasts, and website
Maine Lobstermen's Association	Lobstering community / Maine working waterfront	1,200+	Recommend strategic advisors; advice on specific lobster industry concerns and desires; share information produced by GMRI with industry networks.
Massachusetts Lobstermen's Association	Lobstering community / Massachusetts working waterfront	1,700+	Recommend strategic advisors; identify topics of concern; share resources and opportunities to their community through newsletters, website, annual meetings
New England Fisheries Management Council	Connecticut, Rhode Island, Massachusetts, New Hampshire, and Maine fisheries managers and researchers / New England	1,000+	Recommend strategic advisors; invitations to present to council committees and advisory panels; serve as a convening space for discussions; share resources at meetings and outreach channels; disseminate developed educational resources in press releases; identify information needs and opportunities for engagement; guide workshops
Ready Seafood	Lobster harvesters and processors / Maine working waterfront	200+	Recommend strategic advisors; identify communities' emerging concerns; leverage education, outreach, and sustainability programs to share resources
Reds Best	Seafood processor and distributor (shoreside seafood industry) / Massachusetts working waterfront	100+	Recommend strategic advisors; identify concerns around the impact on shoreside infrastructure and supply chain; participate in workshops on community benefit agreements; share GMRI information resources and engagement opportunities

Project Activities / Milestone Schedule

Objective Overview

Objective 1 focuses on building an understanding of the communities' informational needs to empower them with the tools for constructive engagement in the decision-making process. We will create independent resources and opportunities that inform and prepare fishing

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communities to participate in the OSW process from the identified knowledge gaps (e.g., OSW impacts, procedural process clarity, case studies of success, and engagement in public comment periods) and share these resources through our network of community partners.

Objective 2 focuses on the process that weighs tradeoffs and tensions and moves toward a just energy transition by co-creating solutions to be incorporated into formal community benefit arrangements or as informal actions developers can take to support communities. We will design the engagement process and facilitation tools by following the 'foresighting approach', a participatory process that enables stakeholders to co-investigate possible future scenarios based on the best available knowledge.[14]

Fishing communities and other stakeholders will develop plausible future scenarios and discuss tradeoffs associated with each scenario. This process will generate the most likely scenarios from OSW development. We will use these scenarios to discuss and identify the strategies and solutions that foster sustainability in these communities which will then be used in community benefits arrangements. When communities engage in these conversations it is an opportunity for bidirectional deliberate learning, as fishing communities will become aware of the developer's requirements and motivations and the developer will become aware of the communities' concerns about potential impacts and strategies for mitigation.

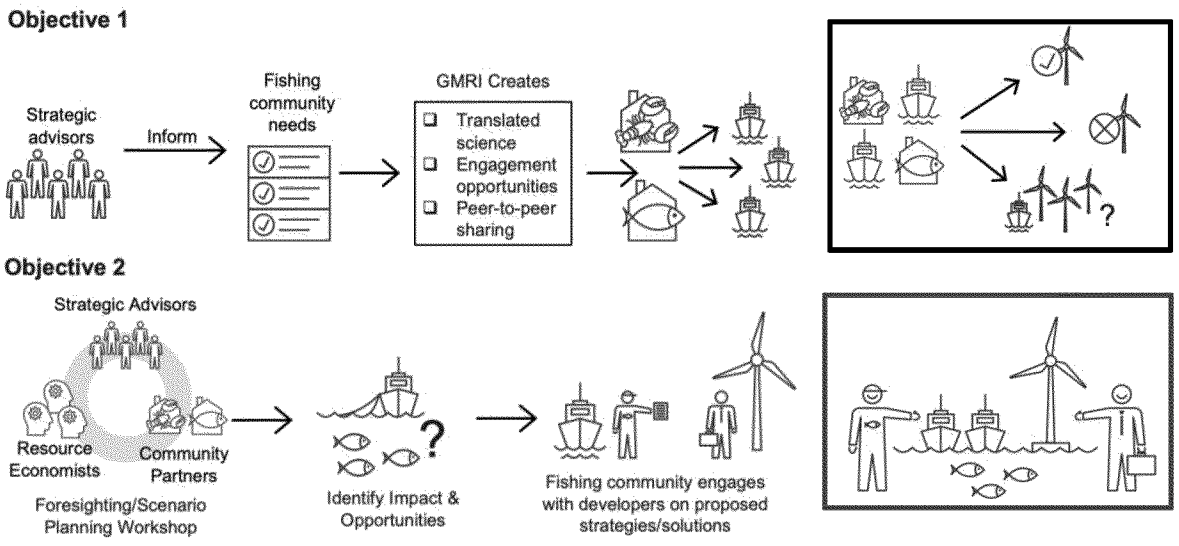

Figure 1. The process of Objective 1 is outlined to showcase how GMRI will create and share resources based on the needs of the communities. The box shows the anticipated impact of communities having the capacity to engage in the decision-making process. The process of Objective 2 is outlined showing how we will build the capacity for stakeholders to engage in community benefit agreements. The box represents the anticipated impact of the communities and developers reaching a shared vision.

Workplan

[14] Kelly, R., Foley, P., Stephenson, R.L., Hobday, A.J., Pecl, G.T., Boschetti, F., Cvitanoviv, C., Fleming, A., Fulton, E.A., Nash, K.L., Neis, B., Singh, G.G., & van Putten, E.I. (2022) Foresighting future oceans: considerations and opportunities, Marine Policy, 140, Article 105021

BOEM plans to advance commercial OSW in the Gulf of Maine by designating Wind Energy Areas by the end of 2023 and holding a lease auction before the end of 2024. Formal comment periods will be held throughout the process including after the designation of draft Wind Energy Areas (WEAs), during the draft Environmental Assessment process for WEAs, and at the Proposed Sale Notice. After the lease auction, and within this project period, developers will be engaging with fishing communities around fisheries monitoring plans and survey operations. Our efforts will align with and adapt to the federal process in all three years.

Objective 1.1: Build an understanding of the informational, educational, cultural, and engagement needs regarding OSW development from strategic advice from community members. *Outcome: List of needs regarding the information and mechanisms in which they would like to receive resources to influence the project deliverables.*

In the first year of the project, Objective 1.1 will focus on identifying the top five topics/areas related to OSW development to build capacity for community engagement. We will do this by leveraging relationships with community partners to receive nominations that identify five strategic advisors to represent various sectors of the fishing community (Milestone 1). The strategic advisors will identify key topics for an agenda for listening sessions that GMRI will host in Pleasant Point, Stonington, and Portland, Maine; Hampton, New Hampshire; and Gloucester and New Bedford, Massachusetts (Milestone 2). Our community partners will support outreach for the listening sessions by encouraging their members to participate. Through these listening sessions, we will identify existing resources the community is using to inform their understanding of OSW science and management and where these resources fall short. We will compile a list of needs and concerns discussed at all workshops. We will work with strategic advisors to prioritize the list to inform the top five topics that will guide project deliverables. Strategic advisors will also decide what mechanisms working waterfront communities would like to receive information (e.g., email, text alerts, newsletters, zoom meetings, or other channels).

During the second and third years of the project, we will reevaluate and update the top five topics/areas related to OSW development based on the communities' needs. We will hold listening sessions and workshops in each of the communities to be responsive to their changing needs concerning OSW development. Following these workshops, we will work with strategic advisors to refine and align the priorities to guide project deliverables.

Objective 1.2: Develop resources and opportunities that align with working waterfront communities' needs that are informative and prepare stakeholders to engage in the OSW process. *Outcome: Communities are supported with the best available information and resources to effectively engage in the federal OSW development process.*

In the first year of the project, Objective 1.2 will focus on developing educational and informational assets based on the five topics identified in Objective 1.1. We will compile, synthesize, analyze, and translate information on the five topic areas and provide ongoing updates to this information as more information is available and the federal process unfolds. This could include updated information on federal engagement opportunities, key takeaways from relevant reports, and translation of environmental impact statements and other materials that will be published throughout this process. We will receive input from strategic advisors to provide iterations and refinement of resources that meet communities' needs before distribution. Strategic advisors will determine what resource mechanisms are most effective (e.g. holding informative sessions, structured dialogues on issues of concern, and media assets including

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newsletters, websites, text messages, and print). GMRI and community partners will distribute created resources to working waterfront community members (Milestone 3). We will create direct communication channels between the communities, wind developers, and federal and state agencies to discuss the topics that the resources inform through leveraging existing public comment and stakeholder engagement opportunities.

In the second and third years of the project, we will update and develop additional educational and informational assets based on the reevaluated five topics. We will continue to compile, synthesize, analyze, and translate information and provide ongoing updates to this information that aligns with the BOEM development process. Strategic advisors will continue to be engaged to refine resources to meet needs before distribution. We will work with strategic advisors to reevaluate what resource mechanisms are most effective to reach specific communities. GMRI and community partners will continue to distribute created resources and create direct communication channels between the communities, wind developers, and agencies.

Objective 2: Build capacity for stakeholders to engage in community benefit conversations through facilitated workshops to co-design future scenarios to mitigate or minimize adverse impacts of OSW development. *Outcome: The fishing community is empowered to influence community benefit arrangements by reframing fisheries mitigation as an opportunity to revitalize working waterfront communities.*

In the first year of the project, we will work to achieve Objective 2 by building an understanding of community benefit arrangements. We will identify when developers begin to have conversations regarding community benefit arrangements to inform our project timeline.

During the first year of the project, we will also conduct baseline research and a literature review of successful community benefit arrangements and fisheries mitigation strategies that have been employed in other regions where OSW actively occurs. As part of this work, resource economists will conduct literature reviews, and economic forecasting and use the best available data on the economic impact that OSW development may have on fishing communities. We will produce a report for communities to use in workshops.

We will hold foresighting workshops with community members to co-identify and evaluate future scenarios. These scenarios will inform strategies, including innovative solutions outside of traditional financial compensation, that can minimize the impacts of negative future scenarios. At the end of the workshops, communities will have co-created at least three solutions that address tradeoffs for fishing community members to use in community benefit arrangement conversations. We will facilitate connections between wind developers and working waterfront communities to engage in these conversations and encourage community members to use the strategies developed in the workshops (Milestone 4).

In the second year of the project, we will hold a training session with strategic advisors and other key community members to empower them in dialogues with wind developers (Milestone 5). This training will focus on strategies to integrate the co-created solutions into community benefit arrangements. We will consult with strategic advisors on what type of training is the most effective, and be reflective of lessons learned from other regions or any community benefit conversations that took place in the first year of the project.

Throughout the second and third years of the project, we will track the development of confirmed community benefit arrangements to identify how the solutions from the workshops have informed the plans. We will evaluate how conversations are being held and provide updated guidance for communities to engage. We will continue to facilitate connections between wind

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developers and the fishing community to develop community benefits. If community benefit plans are in place, we will work with fishing communities to evaluate if the plans are being implemented effectively. Throughout the entire project will facilitate direct connections between community members and developers to address discrepancies and opportunities to engage in community benefit arrangement conversations.

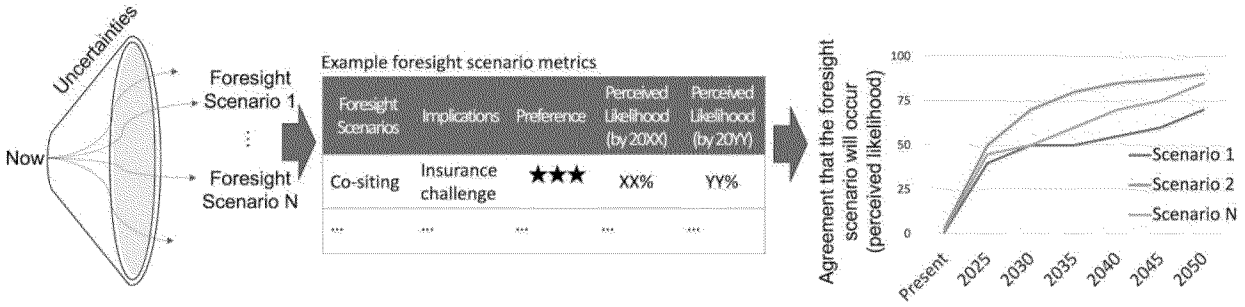

Figure 2: Example foresighting scenarios and metrics

Environmental Results - Outputs, Outcomes, and Performance Measures

Performance Measurement Plan

We plan to measure our project performance and progress by having checkpoints with our strategic advisors at multiple stages of the project. These checkpoints will occur at changes in the BOEM process phases to be reflexive to relevant development advancement and annually at listening sessions and workshops to reevaluate the community needs. Strategic advisors will be tasked with marking milestones as complete, in progress, or needing revision at each checkpoint. As this project is embedded in community participation, community members must be evaluating the project to best meet their needs and desired outcomes.

Sustainability Plan and Community Vision

We will develop informational resources, workshops, and training that will be used by working waterfront communities to better understand the offshore wind development process and build their capacity to engage and influence decision-making. These resources will drive the momentum for these communities to engage in OSW development to achieve their shared community visions and face future challenges. As OSW development and operation will exist far into the future, these resources and developed relationships will provide communities the building blocks to understanding the process and science behind OSW to continually engage. The development of community benefit arrangements with co-created solutions will build relationships between the various stakeholders to achieve a shared vision that will be carried forward into the future. This work will establish relationships between these communities and OSW developers that will be integral to sustainable shared use of ocean space well into the future.

Our work and resources created will be leveraged in GMRI's MREP program, which offers workshops for fishers to learn about marine fisheries science and management and the tools and insights into how to engage effectively. As MREP plans to integrate OSW topics into future programming, this project can serve as an example to other fisheries management regions on how to build capacity for other working waterfront communities across the country. Overall, this project will bring together multiple stakeholders to reach a common goal of building capacity for their engagement in the federal offshore wind process. We anticipate that these

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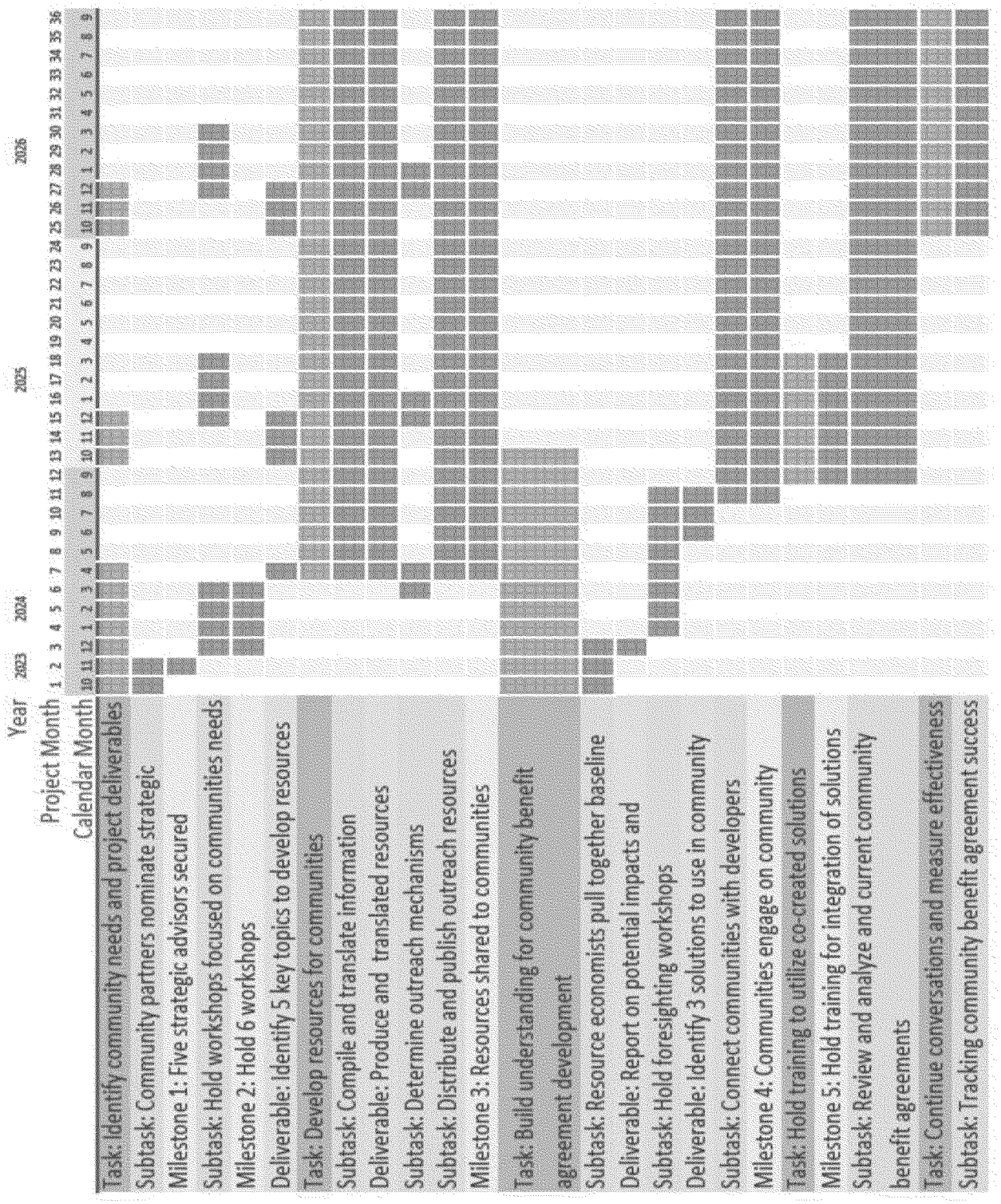
connections will create a community of practice that is equipped to further collaborate on other environmental justice and resource-related topics in the future.

Milestone Schedule



Programmatic Capability

Organizational and Staff Experience

(OBJ)Jonathan Labaree has extensive background working with the fishing community through his convening work focused on transitioning the groundfish industry to sectors. He will commit up to twenty hours per year to guide and supervise Hannah MacDonald. MacDonald leads FTAP and facilitates workshops and cooperative research with fishers in the Gulf of Maine. She will commit up to five months per year to manage and deliver the project. MacDonald has built trusted relationships with fishers in the region from her experience working specifically with the industry on enhancing electronic monitoring, and collaborative research to improve seafood quality. She has experience directly relevant to OSW development from her previous employment working for Consensus Building Institute under a contract from BOEM to facilitate the Gulf of Maine Task Force Meeting in May of 2022. Labaree and MacDonald will provide program leadership for this project for the duration of the project period.

Laura Taylor Singer, founder of SAMBAS Consulting LLC, will serve as project advisor and commit up to 1 month/year to this project. She is a facilitator, project manager, and community engagement consultant, with a focus on building collaboration among diverse interests. She brings nearly three decades of experience working at the nexus of coastal and ocean policy, science, and resource use considerations. Singer has worked in OSW since 2013 when she was hired by Statoil (now Equinor) to organize and facilitate conversations between the developer and affected fishermen to assess potential impacts and understand their concerns and interests r to build relationships and inform design options for a pilot floating OSW project in the Gulf of Maine. From 2016-2019 she facilitated dialogue among Monhegan community members that resulted in a CBA with the developer for a planned OSW pilot project. Her work involved serving as a resource for the island's fishing industry to provide information and guidance to understand the project and assess potential implications and impacts on fishing operations. Since 2020, Singer has worked with the Maine Governor's Energy Office (GEO), Department of Marine Resources (DMR), and Department of Inland Fish and Wildlife (MDIFW) to co-design and facilitate a series of discussions related to the Maine Offshore Wind Research Array. In partnership with the Consensus Building Institute, she completed an 18-month process to support the planning of the Maine Offshore Wind Roadmap. As a key member of the project management team, she contributed to the planning, agenda development, and facilitation of Advisory Committee meetings and drafting components of the final Roadmap. Singer was hired by GEO to serve as interim Program Manager (part-time) for the Maine Offshore Wind Research Consortium and is responsible for the establishment, function, and oversight of the Advisory Board and the Steering Committee in partnership with Carbon Trust.

GMRI's Climate Center. Dr. Dave Reidmiller, Climate Center Director, will provide strategic advice to this project and commit up to twenty hours per year. Dr. Reidmiller brings a wealth of experience bridging the climate science and policy domains through various senior positions in the federal government. He served in the State Department's climate office for five years under the Obama Administration, where he led U.S. engagement in the Intergovernmental Panel on Climate Change and was the lead U.S. science and technology negotiator for the Paris Agreement. He subsequently led the Fourth National Climate Assessment under the White House Office of Science & Technology Policy during the Trump Administration. Soon after joining GMRI, Dr. Reidmiller served as a climate advisor to the Biden-Harris Presidential Transition Team, helping to formulate climate priorities for the incoming Administration.

Integral to his work at GMRI is ensuring the best available science is used appropriately to inform decisions facing communities.

Jared Wildwistle is the Program Manager for the Business Climate Action Program. His capability in this role stems from his experiences starting a successful business offering both business-to-business and business-to-consumer products, working at the Small Business Development Center providing technical assistance and consultation to a variety of businesses, and managing a research project that engaged with national and local businesses. Wildwistle's primary focus during this project will be to engage with wind developers and adjacent businesses and commit up to two months per year.

Co-PI and Chief Scientific Officer, Dr. Janet Duffy-Anderson, will provide oversight and coordination on our project with emphasis on bridging our work with the National Academy of Sciences Standing Committee on Offshore Wind and Fisheries through her appointment and commit up to twenty hours per year to this project. Duffy-Anderson has extensive experience and expertise in marine science and climate-ecosystem interactions. For over two decades, she has worked to develop mechanistic approaches to understanding how climate mediates fisheries population variability, trophic shifts, and ecosystem change. She applies that understanding to the sustainable management of fisheries and ecosystems.

Resource economist, Dr. Kanae Tokunaga, will provide her insight and expertise on the potential economic impacts and relevance to fishing communities and commit up to one week per year to this project. This expertise is key for our future scenario planning objective to support the development of community benefit packages. She will also support the alignment of our community-engagement approaches with best practices matched to current research on community participation.

The Communications Team will support all aspects of external communication associated with the project and will commit up to two weeks per year to this project. This will include the creation of a project web page on gmri.org; promotion of the project on social media channels; media relations support; print production management; graphic design project and process management. Additionally, this team will support the development of fishing community targeted outreach, which may build upon our database of stakeholders and include distributing resources like newsletters and relevant updates.

Expenditure of Awarded Grant Funds

GMRI has a Finance team and Sponsored Projects Office with both formal training in, and extensive experience with, federal grants management. We currently are managing $13,892.781.49 in active federal awards. The organization has achieved over fifteen straight years of unqualified accounting opinions on our financials and clean audits with no management letters.

Past Performance:

The Gulf of Maine Research Institute has successfully stewarded many federal awards to completion within the last three years. Below are five examples.

Real World, Real Science: Using NASA Data to Explore Weather and Climate: Awarding Agency: NASA, Award # NNX16AB94A, Total Award $6,665,873, Period of Performance – January 2016-December 2020.

The objective of this award was to deliver NASA Earth system data into the hands of middle school students and teachers. GMRI partnered with six subaward organizations to help

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successfully complete the project deliverables within the five-year award period, as well as complete all reporting requirements. Due to the success of this project, GMRI secured another award with NASA in January 2021 to continue this work throughout the state of Maine.

REU Site: Integrated Studies in a Rapidly Warming Fishery Ecosystem: Awarding Agency: National Science Foundation, Award #1757856, Total Award $227,418, Period of Performance – July 18,2018-June 30, 2021.

The objective of the REU program was to host and mentor seven college students during the summer months to carry out independent research projects in the fisheries/marine science field. GMRI successfully completed this program, including all reporting requirements, and secured another award with NSF to continue this internship program through 2024.

Farm to School Grant Program: Increasing Local Seafood Access and Consumption in New England Schools: Awarding Agency: USDA Food and Nutrition Service, Award #CN-F2S-IMPL-20-ME-3, Total Award $130,376, Period of Performance – July 15, 2020 – June 30, 2022.

The goal of the Farm to School project was to increase the amount of New England seafood served and consumed in 10 school districts around New England, with results that could inform a successful sea-to-school program in districts across the region. The project was successful in improving access to local foods in eligible schools and by implementing a comprehensive sea-to-school program that will improve the local seafood procurement and seafood education efforts in schools. GMRI successfully completed this project with the local school districts, completed all reporting requirements, and closed out the award on time.

Development of Robust Management Strategies for Northeast Groundfish Fisheries in a Changing Climate: Awarding Agency: NOAA, Award #NA17OAR4310272, Total Award $1,122,745, Period of Performance – September 1, 2017 – August 31, 2020 (NCE was granted

This project simulation tested a range of misreported catch scenarios for the groundfish fishery. It also leveraged the MSE framework to test the performance of alternative harvest control rules. GMRI was successful in managing this award, however, a no-cost extension was granted due to the impact of COVID on the industry. The project was completed and all reporting requirements were met.

Marine Resource Education Program Northeast: Fostering Trust and Shared Information in Fisheries Science Management: Awarding Agency: NOAA (Pass-through Entity Woods Hole Oceanographic Institution), Award #NA14OAR4320158, Total Award $546,927, Period of Performance – September 1, 2015 – August 31, 2018 (the project is ongoing, currently mid-5-year cycle).

The Marine Resource Education Program offers courses, workshops, and discussion panels to fishermen in the Northeast Region. GMRI was successful in managing this award and has been granted additional funding through NOAA to expand the MREP program into many regions around the country. The original installment of the award was completed and all reporting requirements were met.

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-WS01065974_HRiA_Project Narrative.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-WS01065974_HRiA_Itemized Budget and Narrative

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Protection of Children from Environmental Health Risks		$	$	$ 500,000.00	$	$ 500,000.00
2.						
3.						
4.						
5. Totals		$	$	$ 500,000.00	$	$ 500,000.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) Protection of Children from Environmental Health Risks	(2)	(3)	(4)	Total (5)
a. Personnel	$ 123,471.07	$	$	$	$ 123,471.07
b. Fringe Benefits	31,152.31				31,152.31
c. Travel	1,000.00				1,000.00
d. Equipment	0.00				0.00
e. Supplies	0.00				0.00
f. Contractual	31,000.00				31,000.00
g. Construction	0.00				0.00
h. Other	280,132.59				280,132.59
i. Total Direct Charges (sum of 6a-6h)	466,755.97				$ 466,755.97
j. Indirect Charges	33,244.03				$ 33,244.03
k. TOTALS (sum of 6i and 6j)	$ 500,000.00	$	$	$	$ 500,000.00
7. Program Income	$ 0.00	$	$	$	$ 0.00

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Protection of Children from Environmental Health Risks	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 142,938.93	$ 35,734.73	$ 35,734.73	$ 35,734.73	$ 35,734.74
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 142,938.93	$ 35,734.73	$ 35,734.73	$ 35,734.73	$ 35,734.74

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Protection of Children from Environmental Health Risks	$ 206,688.85	$ 150,372.22	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 206,688.85	$ 150,372.22	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: 466755.97

22. Indirect Charges: 33244.03

23. Remarks: HRiA's provisional federal indirect rate of 21.5% is charged on Personnel expenses.

EJCPS Budget Detail

Project Title: Building on HEAL (Healthy Environments Advance Learning)

HRiA respectfully requests $500,000 to support the expansion of HEAL over a three-year period. Funding from the EPA will cover the Project costs including:

Personnel: Total is $123,471.04. FTEs are listed as an average over the 3-year project period.

Staff Position	Annual Salary	Average FTE % on Project	Total Cost to Grant
Project Director	$123,583	.11	$40,652
Program Manager	$77,520	.21	$51,185
Public Health Associate	$56,107	.11	$18,700
Associate Director Health Communications	$106,080	.02 *(2 years only)*	$6,178
Senior Research Analyst	$91,017	.02 *(2 years only)*	$3,976
Web Associate	$63,648	.02 *(2 years only)*	$2,780

Fringe Benefits: Total is $31,152.31. This includes payroll taxes, health insurance, retirement, life/long-term disability insurance, workers' compensation insurance, unemployment insurance, etc., and is budgeted at 25.23% of salaries.

Travel: Total is $1,000 and includes approximately mileage at .655/mile and tolls (approximately 1400 miles). Travel is to school district sites for capacity building and TA sessions (estimated 8 – 10 trips). This also includes travel to the Environmental Health in Schools Summit for Staff members working on the Project.

Contractual: Total is $31,000 and includes:
Honorariums: $10,000 will be utilized for speakers at the Summit (6 stipends at $300/each for a total of $1,800). $8,200 will be given in stipends for Summit attendees from EJ districts (to help cover travel and time for parents/guardians and students) and CNE and/or PDP expenses post Summit for nurses and/or teachers from EJ communities. The exact amount is to be determined (estimate between $200/eligible person for 41 people). Not all attendees will be eligible.

Consultants: Total is $21,000 and includes Consultants who will provide additional services to support schools ($12,000). Additionally, it includes technical support for livestreaming and recording of the Summit ($9,000). HRiA will procure services according to EPA guidelines and regulations.

Other: Total is $280,132.59 and includes:

Allocated Expenses ($9,160.59) includes allocated program expenses such as office supplies, rent, utilities and maintenance, phone and internet, copying, etc. Expenses are allocated by FTE ($6,350.37) on a monthly basis. This formula-based approach has been approved by the EPA office. Budget includes a projected 2% cost increase year over year.

Summit Expenses ($3,600) includes facility rental for the Summit estimated at $1,800 (accommodating up to 100 people). Catering for the Summit is estimated at $1,800 for breakfast, lunch, and coffee breaks served to attendees.

Food and Refreshments ($872) estimated at $145/meeting for 6 meetings on-site with HEAL Champions at their district.

Subawards ($266,500) includes:

- Metropolitan Area Planning Council (MAPC): $44,000
- Public Health Institute of Western Massachusetts: $7,500
- Undaunted K-12: $1,000
- Yale School of Public Health (Dr. Krystal Pollitt): $9,000
- Northeastern University School Health Academy: $5000
- Grants to Schools: $200,000. We will provide grants between $60,000 to $100,000 to two to three school districts to carry out their identified project and to provide stipends to HEAL Champion leaders and committee members. We will work with each district to determine their budget. For example, a district may decide to provide: a) $5,000 to a school nurse to lead the project; b) $100/meeting for stipends for other participants for engagement and planning; this helps to build equity for engagement; c) funding for an engineer to help develop a plan for a new roof and contractors to implement; or d) fees for CNEs and PDPs. The amount per district will be determined based on the number of districts participating (two – three) and their selected project. HRiA and MAPC will assist them in researching needed contractors for services. HRiA will follow all EPA Contracting guidelines through this process.

Indirect Costs: Total is $33,244.03 and is calculated at 21.5% of personnel expenses (HRiA's current provisional federal indirect rate).

Income: HRiA will earn no income on HEAL.

	Description	Total
Personnel	• Project Director @$123,583 salary, .11 average FTE per year (3 years) = $40,652 for three years • Program Manager @$77,520 salary, .21 average FTE per year (.2 in year 1, .26 in year 2, .18 in year 3) = $51,185 for three years • Public Health Associate @$56,107 salary, .11 average FTE per year (.07 in year 1, .11 in year 2, .14 in year 3) = $18,700 • Associate Director Health Communications @$106,080 salary, .02 FTE in years 2 and 3 only = $6,178 for two years • Senior Research Analyst @$91,017 salary, .02 FTE in years 2 and 3 only= $3,976 for two years • Web Associate @$63,648 salary, .02 FTE in years 2 and 3 only=$2,780 for two years *Note: all budgeted salaries include an anticipated 4% salary increase for each staff member in years 2 and 3*	**$123,471.07**
Fringe Benefits	Includes payroll taxes, health insurance, retirement, life/long term disability insurance, workers' compensation insurance, unemployment insurance, etc., and is budgeted at 25.23% of salaries	**$31,152.31**
Travel	Approximately 1,400 miles @ .655/mile (HRiA will use current federal rate). This for 8-10 trips to schools and travel to the Environmental Health in Schools Summit for budgeted personnel.	**$1,000.00**
Equipment	N/A	
Supplies	N/A	
Contractual	Honorariums ($10,000) for speakers at Summit 6 stipends @ $300 each = $1,800. Stipends for attendees traveling to the Summit and/or for school nurses/teachers 41 stipends @$200 each = $8,200	**$31,000.00**

	Consultants ($21,000) this includes $9,000 for technical assistance at the Summit and $12,000 for Consultants to provide support services. *Note: HRiA will follow all EPA guidelines when procuring services.*	
Construction	N/A	
Indirect Costs	Calculated at 21.5% of personnel expenses (HRiA's provisional federal indirect rate)	**$33,244.03**
Other	• Allocated expenses at $6,350.37 per FTE (year 1 FTE= .38, year 2 FTE= .54, year 3 FTE= .49) for organization wide program expenses, such as office supplies, rent, utilities and maintenance, phone and internet, copying, etc. This formula- based practice has been approved by the EPA office. This is budgeted with a 2% cost increase (per year, in years 2 and 3). Total allocated expenses for 3 years is $9,160 • Food and Refreshments includes 6 meetings with HEAL Champions in their district @ $145 per meeting totaling $872 • Summit Expense $3,600. Includes facility rental and catering • Subaward to Metropolitan Area Planning Council (MAPC) for technical assistance and program outreach= $45,000 • Subaward to Public Health Institute of Western MA for outreach activities and program advisement= $7,500 • Subaward to Undaunted K-12 for content expertise= $1,000 • Subaward to Yale University of Public Health for content expertise= $9,000 • Grants to Schools at $200,000 for 2-3 schools. Amounts will vary based on # of schools selected and project selected	**$280,132.59**
		$500,000

EPA-R-OEJECR-OCS-23-01
Logic Model
Project: Building on HEAL (Healthy Environments Advance Learning)
Applicant: Health Resources in Action (HRiA)

Resources/ Inputs	**Activities**	**Outputs**	**Audience**	**Short-term Outcomes** (6-12 months from grant start)	**Intermediate Outcomes** (12-24 months - from grant start)	**Long-term Outcomes** (2+ years from grant start / post grant)
• HRiA Staff and project management • Project Partners (see letters of commitment) • MA Strategic Plan for Asthma • MAAP Healthy Schools Committee • Clearing the Air: An Asthma Toolkit for Schools	• Identify and engage advisors/TA providers (in addition to partners) with expertise on program design, content, implementation, outreach • Identify existing resources to support project and include on website • Develop invitation-only application process for priority school districts participating in HRiA/MAAP's current HEAL Ambassadors cohort, as part of HEAL: Building Capacity for Resilient Schools in MA, funded by EPA.	• List of advisors, TA providers, and other resources • Inventory of resources to include on website and/or disseminated via other avenues. • Two to three school districts selected to participate; contracts executed. • Capacity building services, wrap around TA and funding for project provided to HEAL Champion teams. • 20 participants attend each of four workshops • Up to 100 participants attend Environmental Health in Schools Summit	• School districts across MA, with priority of EJ communities (2-3 of which will be selected to receive support) • School representatives including teachers, school nurses, other school health staff, janitorial, administration, parents, students, and school leadership • Community-based organizations • Boards of Health • Municipal facilities planners	• Increase in engagement and knowledge from school stakeholders (HEAL Champion Teams) in environmental health in two to three districts • Increase in capacity amongst HEAL Champions to identify and plan for environmental health projects in their district. • Increase in utilization of resources available via the MAAP website	• Increase in knowledge from at least 20 webinar participants of environmental hazards and strategies that can be implemented in schools. • Development and/or implementation of project plans by HEAL Champion teams.	• Expansion of knowledge among school/district and municipal leaders, staff, parents/guardians, and students of environmental health hazards and available state and federal resources to mitigate environmental hazards. • Mitigation of environmental hazards due to implementation of grant-supported projects, leading to improvement in air quality, reduction of environmental asthma triggers, reduction of extreme heat, or other health benefits.

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Resources/ Inputs	Activities	Outputs	Audience	Short-term Outcomes (6-12 months from grant start)	Intermediate Outcomes (12-24 months - from grant start)	Long-term Outcomes (2+ years from grant start / post grant)
	• Districts apply. Select 2-3 school districts for participation. • Provide TA, capacity building, and grant funding to two-three selected school districts (jointly up to $200,000) • Hold four virtual workshops on prevention/ mitigation strategies for schools. • Organize and host Environmental Health in Schools Summit • Develop case studies. • Disseminate resources and educational information	• Updated MAAP Healthy Schools Web page, 2-3 case studies developed and disseminated broadly. • HRiA presentations at a minimum of two forums (national or statewide)				• School districts and municipal leaders better understand connections between indoor air quality, building operations (including cleaning and ventilation), and extreme heat • Reduction in exposure to environmental hazards for both students and school staff, including through improvement in school thermal conditions and/or ability to plan for and manage extreme heat • Reduction in the onset of asthma and asthma attacks for both students and school staff

Manifest for Grant Application # GRANT13860179

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 27262 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16035 bytes)

2. Form SF424A-V1.0.pdf (size 23067 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40393 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15929 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23917 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37337 bytes)

Attachments Included in Zip File (total 7):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-WS01065974_HRiA_Logic Model.pdf application/pdf (size 117177 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-WS01065974_HRiA_Letters of Commitment.pdf application/pdf (size 1112774 bytes)

3. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-WS01065974_HRiA_Project Narrative.pdf application/pdf (size 338322 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-WS01065974_HRiA_Proof of Nonprofit Status.pdf application/pdf (size 417859 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-WS01065974_HRiA_Key Personnel Resumes.pdf application/pdf (size 279716 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-WS01065974_HRiA_Itemized Budget and Narrative.pdf application/pdf (size 177960 bytes)

7. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-WS01065974_HRiA_Attachment to EPA FORM 4700-4EPA-HC-2021.pdf application/pdf (size 269504 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-EPA EJCPS 2023 Proposal Budget Detail.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1240-EPA EJCPS 2023 Workplan.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	66.306	$	$	$ 499,829.00	$ 0.00	$ 499,829.00
2.						
3.						
4.						
5. Totals		$	$	$ 499,829.00	$ 0.00	$ 499,829.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	(2)	(3)	(4)	Total (5)
a. Personnel	$ 137,561.00	$	$	$	$ 137,561.00
b. Fringe Benefits	27,512.00				27,512.00
c. Travel	2,772.00				2,772.00
d. Equipment	0.00				0.00
e. Supplies	13,500.00				13,500.00
f. Contractual	226,350.00				226,350.00
g. Construction	0.00				0.00
h. Other	69,000.00				69,000.00
i. Total Direct Charges (sum of 6a-6h)	476,695.00				$ 476,695.00
j. Indirect Charges	23,134.00				$ 23,134.00
k. TOTALS (sum of 6i and 6j)	$ 499,829.00	$	$	$	$ 499,829.00
7. Program Income	$ 0.00	$	$	$	$ 0.00

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	$ 0.00	$ 0.00	$ 0.00	$ 0.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$ 0.00	$ 0.00	$ 0.00	$ 0.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$	$	$	$	$
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$	$	$	$	$

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)			
	(b)First	(c) Second	(d) Third	(e) Fourth
16. Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	$	$	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$	$	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges:

23. Remarks:

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Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1234-EPA EJ CPS Budget.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1246-EPA EJ CPS Proposal Narrative Final.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	66.306	$	$	$ 500,000.00	$ 354,821.00	$ 854,821.00
2.						
3.						
4.						
5. Totals		$	$	$ 500,000.00	$ 354,821.00	$ 854,821.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	(2)	(3)	(4)	Total (5)
a. Personnel	$ 39,988.00	$	$	$	$ 39,988.00
b. Fringe Benefits	17,895.00				17,895.00
c. Travel					
d. Equipment					
e. Supplies	17,420.00				17,420.00
f. Contractual	12,280.00				12,280.00
g. Construction					
h. Other	383,400.00				383,400.00
i. Total Direct Charges (sum of 6a-6h)	470,983.00				$ 470,983.00
j. Indirect Charges	29,017.00				$ 29,017.00
k. TOTALS (sum of 6i and 6j)	$ 500,000.00	$	$	$	$ 500,000.00
7. Program Income	$ 0.00	$	$	$	$ 0.00

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	$ 18,338.00	$	$ 336,483.00	$ 354,821.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$ 18,338.00	$	$ 336,483.00	$ 354,821.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 163,120.00	$ 31,560.00	$ 50,000.00	$ 50,000.00	$ 31,560.00
14. Non-Federal	$ 99,980.00	19,344.00	30,646.00	30,646.00	19,344.00
15. TOTAL (sum of lines 13 and 14)	$ 263,100.00	$ 50,904.00	$ 80,646.00	$ 80,646.00	$ 50,904.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	$ 168,440.00	$ 168,440.00	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 168,440.00	$ 168,440.00	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: $470,983.00

22. Indirect Charges: $29,017.00

23. Remarks:

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The Nature Conservancy
EJCPS Budget Detail

Income		
Source	**Amount**	**Committed/Requested**
EPA EJCPS	$500,000.00	Requested
Providence Neighborhood Planting Program (PNPP)	$125,000.00	Committed
Rhode Island Foundation (RIF)	$75,000.00	To be requested
Helen Walker Raleigh Tree Care Trust (HWR)	$50,000.00	To be requested
The Nature Conservancy match for staff time and communications	$17,838.00	Committed
In-kind	$10,500.00	Committed
Unrecovered Indirect	$76,483.00	Committed
TOTAL	**$854,821.00**	

Expenses						
Line Item	**Detail**	**EPA Funds**	**Match**	**Source**	**In-Kind**	**Total Project Cost**
Personnel						
Sheila Dormody, RI Director Climate and Cities Programs	Project Administration and Steering Committee engagement at 20% FTE for 3 years	$39,988.00	$11,425.00	TNC		$51,413.00
Fringe Benefits						
Dormody fringe and benefits	TNC's Federally Negotiated Fringe Rate for Fiscal Year 2023 (July 1, 2022 through June 30, 2023) is 44.75%	$17,895.00	$5,113.00	TNC		$23,008.00
Supplies						
Providence Neighborhood Planting Program (PNPP)	Tree Planting Programs for street tree plantings		$125,000.00	PNPP		$125,000.00
.5-1" caliper containerized tree stock (5-10 gal)	105 tree @$140	$10,000.00	$4,700.00	HWR		$14,700.00
1.5 - 2" caliper containerized tree stock (15-20gal)	20 trees @$180	$1,920.00	$1,680.00	HWR		$3,600.00
Tree tags, tree care fridge-magnets, watering buckets, stickers for each yard tree recipent, buttons for each planting/comunity forum participant.	125 sets @$15		$1,875.00	HWR		$1,875.00
Refreshments and incentives for community plantings and Coommunity Planning Forums		$3,000.00				$3,000.00
Outreach collateral (flyers, yard signs, banners, door-hangers, etc)		$2,500.00		TNC	$500.00	$3,000.00
Contractual						
Labor for tree pit prep of pervious yard sites	105 sites @ $125	$10,000.00	$3,125.00	HWR		$13,125.00
Labor and materials for site prep of impervious/paved yard sites: sawcutting, removal, soil excavation/replacement	20 sites @ $190	$2,280.00	$1,520.00	HWR		$3,800.00
Tree watering and maintenance of young public/right-of-way trees	$4,033 per summer for 3 years		$12,100.00	HWR		$12,100.00
Other						
City of Providence, AJ Elton, Forestry Director	5 hours/month, 36 months			City	$10,000.00	$10,000.00
Providence Neighborhood Planting Program	Cassie Tharinger, project manager (30% FTE $20,000/year)	$60,000.00				$60,000.00
Providence Neighborhood Planting Program	PVD Tree Plan Coordinator(.5 FTE @ $45,000) for 3 years	$120,000.00	$15,000.00	RIF		$135,000.00
Movement Education Outdoors	Jo Ayuso, Project Coordination ($20,000/year)	$60,000.00				$60,000.00
Stipends to Steering Committee community representatives	10 representatives @ $4000/year for 3 years (4 hours/week year round)	$60,000.00	$60,000.00	RIF		$120,000.00
Stipend for Community Tree Ambassadors	Year 1: 10, Year 2: 15, Year 3: 20 ambassadors @ 4 hours per week for 26 weeks/year @ $2000/year	$70,000.00	$25,000.00	HWR		$95,000.00
Childcare, translation and interpretation services	Translation of engagement materials and interpretion at community meetings	$8,000.00				$8,000.00
Tree Transport - Truck rental for transport/delivery of trees to individual residential planting sites during 3 wk planting period.	$600/week for 9 weeks	$5,400.00				$5,400.00
Photo/Video documentation and storytelling related to the project			$1,300.00	TNC		$1,300.00
Indirect Cost	TNC Fiscal Year 2023 (July 1, 2022 - June 30, 2023) NICRA is 22.40% per the agreement negotiated with our Cognizant Agency, the Department of Interior. TNC is opting to cap the indirect at 6.16% and record the unrecovered indirect (remaining 16.24% of direct costs) as match.	$29,017.00				$29,017.00
Unrecovered Indirect	See above		$76,483.00			$76,483.00
TOTAL		**$500,000.00**	**$344,321.00**		**$10,500.00**	**$854,821.00**

Collaborating for Tree Equity in Providence RI
Logic Model

Resources/Inputs	Activities	Outputs	Audiences	Outcomes		
				Short-Term	Medium-Term	Long-Term
				(6-12 months)	(12-36 months)	(3+ years)
- 1 staff person - Supervision by Providence Neighborhood Planting Program - Steering Committee recruitment and promotion of position	**Hire PVD Tree Plan Collaboration Coordinator**	Staff capacity to coordinate partners and projects of the PVD Tree Plan	Person with skills in community engagement, systems development, and logistics management	- Development of shared tracking systems for practitioner organizations - Onboarding of first cohort of Community Tree Ambasssadors - Launch of series of Community Forums	- Alignment of community partners in implementing tree planting and management programs - Public and residential tree planting informed by community	- All partner practitioner organiztions function more effectively and led by community priorities
- stipends - training - Coordination with partner organization projects	**Engage up to 20 Community Tree Ambassadors**	Presentations to community organizations, neighborhood meetings, door-to-door outreach	Residents of 33 low canopy census blocks	- Identify participants for residential tree planting program - Recruit participation in Community Tree Planning Forums	- Skilled ambassadors developing location specific community engagement strategies	- Robust community participation in developing tree equity strategies and programs
- Project partner staff - Stipends to community representatives	**Coordinate a BIPOC-led Steering Committee to govern implemetation of all PVD Tree Plan initiiatives**	- Monthly meetings to coordiante all aspects of *Collaborating for Tree Equity* and ensuring community-centered decision making, engagement, and implementation	- Black, Indigenous and people of color residents engaged ias tree practitioners, environmental justice advocates, community leaders	- Training and onboarding of new members	- Robust community engagement and development of community-centered programs and practices	- Long term sustainability of PVD Tree Plan implementation to advance tree equity
- 1 staff person - 20 Community Tree Ambassadors - Childcare, refreshments and interpretaion services	**Community Tree Planning Forums in focus low canopy neighborhoods**	- 6-9 community forums each attended by 20-30 community residents - 150 residents identify localized planting and tree priorities	Residents of 33 low canopy census blocks	- Residents of low canopy neighborhoods define tree planting and care priorities - Identify issues and barriers	- Implementation of tree planting as preferred by the community - Test strategies to address issues and barriers identified	- Residents support and benefit from newly planted trees and become more engaged in future actions
- Collaboration Coordinator - Steering Committee members	**Engage in dialogue with industry and institutional stakeholders**	- Sector specific stakeholder meetings to develop potential partnerships in implementing the PVD Tree Plan	Tree care industry, public utilities, major health and academic institutions	- Identify early opportunities for partnerships and collaboration to implement community priorities - Identify obstacles and challenges to plan implementation	- Test implementation of early opportunities - Use EJCPS method to address obstacles and challenges - Develop new approaches - Build stronger partner relationships through collaborative problem solving	- Scale implementation of successful partnerships with stakeholders
- PNPP staff - Ambassadors - 100 resident volunteers - 125 trees and related services	**Develop and implement a Residential Yard Tree Planting Pilot Project**	-Planting 125 trees in residential yards	Residents of 33 low canopy census blocks	- Planting locations identified - Planting begins	- Planting continues and residential pilot refined from lessons learned	- Direct benefits to residents of planting location and improved canopy benefits to neighborhood including reduced heat islands and ir pollution and climate resilience
- PNPP Street Tree Planting Program staff - City Forestry staff - Ambassadors - 200 volunteers - 825 trees and related services provided in-kind	**Use the Neighborhood Street Tree Award Program to implement community planting priorities**	- Coordination of 25 street tree planting projects of 825 trees in areas defined by Community Forum participants	Residents of 33 low canopy census blocks	- Planting locations identified by neighborhood residents - Planting begins	- Planting continues in community priority locations	- Neighborhood benefits from more equitable tree canopy including health, resilience and recreation
- Steering Committee - Ambassadors	**Review and adapt programs**	- Ongoing review of program implementation - Annual all partners review	- Steering Committee - Ambassadors - All partnersa	- Establish culture of learning and adaptation to evolving events	- Adjustments of practices and programs as needed to center community priorities.	- Enhanced ability to respond and adapt to community priorities - Trust established among project partners and community - Foundation set to substantially scale programs in next phase of implementing the plan

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1234-EJCPS Mandatory Other Attachments File FINAL.

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Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1237-EJCPS Project Narrative FINAL VERSION .pdf

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To add more Project Narrative File attachments, please use the attachment buttons below.

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BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Growing Environmental Justice Through Community Food Forest Development		$	$	$ 166,015.00	$	$ 166,015.00
2.						
3.						
4.						
5. Totals		$	$	$ 166,015.00	$	$ 166,015.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) Growing Environmental Justice Through Community Food Forest Development	(2)	(3)	(4)	Total (5)
a. Personnel	$ 93,550.00	$	$	$	$ 93,550.00
b. Fringe Benefits					
c. Travel	15,265.00				15,265.00
d. Equipment	10,100.00				10,100.00
e. Supplies	28,600.00				28,600.00
f. Contractual					
g. Construction					
h. Other					
i. Total Direct Charges (sum of 6a-6h)	147,515.00				$ 147,515.00
j. Indirect Charges	18,500.00				$ 18,500.00
k. TOTALS (sum of 6i and 6j)	$ 166,015.00	$	$	$	$ 166,015.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Growing Environmental Justice Through Community Food Forest Development	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$	$	$	$	$
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$	$	$	$	$

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)			
	(b)First	(c) Second	(d) Third	(e) Fourth
16. Growing Environmental Justice Through Community Food Forest Development	$	$	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$	$	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: 147515

22. Indirect Charges: 18500

23. Remarks: Indirect Charges are Admin fees to United Charitable as Fiscal Sponsor of ReTreeUS and the Growing Environmental Justice Through Community Food Forest Development project.

Manifest for Grant Application # GRANT13860881

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 31322 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16037 bytes)

2. Form SF424A-V1.0.pdf (size 23203 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40503 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15917 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23997 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37500 bytes)

Attachments Included in Zip File (total 13):

1. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1246-EPA EJ CPS Proposal Narrative Final.pdf application/pdf (size 1115331 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1234-EPA EJ CPS Budget.pdf application/pdf (size 132819 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-SHEILA DORMODY resume.pdf application/pdf (size 169566 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-Cassie Tharinger_Resume.PDF application/pdf (size 48692 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-Elton Resume.pdf application/pdf (size 234540 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1242-JA Resume 04_2023.pdf application/pdf (size 161038 bytes)

7. SF424_4_0 SF424_4_0-1245-Collaborating for Tree Equity - Project Areas Affected.pdf application/pdf (size 286543 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1243-2021 IRS Tax Exempt status letter.pdf application/pdf (size 902607 bytes)

9. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1244-NICRA_FY23_Signed.pdf application/pdf (size 665055 bytes)

10. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-Collaborating for Tree Equity Logic Model_.pdf application/pdf (size 153745 bytes)

11. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-City Forestry -Letter of support.pdf application/pdf (size 722464 bytes)

12. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-MEO partner letter.pdf application/pdf (size 189518 bytes)

13. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-PNPP LOS_TNC_EPA EJ CPS Grant_2023.pdf application/pdf (size 91838 bytes)

The Nature Conservancy Rhode Island

PVD TREE PLAN

Collaborating for Tree Equity in Providence, Rhode Island

Areas Affected by Project



Blockgroup	Priority	HOLC Grade	Neighborhood	Current canopy acres	Current canopy %	Current TES	# Trees to plant	Canopy planting will add	Post planting canopy acres	Post planting canopy %	TES Change
440070029004	1	Definitely Declining, Hazardous	Charles/Mount Hope	39	17%	60	2,218	35.6	74.6	32%	20
440070031005	1	Definitely Declining, Hazardous	Mount Hope	27	21%	70	727	11.7	38.7	30%	10
440070025002	1	Definitely Declining	Smith Hill/Valley	30	11%	69	2,182	35.1	65.1	24%	11
440070019001	1	Definitely Declining	Olneyville	9	16%	69	279	4.5	13.5	24%	11
440070007003	1	Definitely Declining	Upper South Providence	7	12%	56	555	8.9	15.9	27%	24
440070007001	1	Definitely Declining	Upper South Providence	4	13%	50	335	5.4	9.4	30%	30
440070006001	1	Definitely Declining	Downtown/Upper South Providence/Lower South Providence	39	7%	63	6,784	109.0	148.0	25%	17
440070006002	1	Definitely Declining	Upper South Providence/Lower South Providence	16	18%	70	422	6.8	22.8	26%	10
440070001013	1	Definitely Declining, Still Desirable	Washington Park	11	5%	61	1,177	18.9	29.9	24%	19
440070001011	1	Still Desirable	Washington Park	41	5%	64	9,044	145.3	186.3	23%	15
440070015001	1	Definitely Declining, Still Desirable	Reservoir	65	21%	65	1,984	31.9	96.9	31%	14
440070029001	2	Definitely Declining	Charles	22	18%	79	6	0.1	22.1	18%	2
440070027002	2	Definitely Declining	Wanskuck	13	19%	76	132	2.1	15.2	22%	4
440070026002	2	Hazardous, Definitely Declining	Smith Hill	15	21%	75	161	2.6	17.9	25%	4
440070008001	2	Definitely Declining	Downtown	23	13%	79	21	0.3	23.2	13%	1
440070008003	2	Definitely Declining	Downtown	8	8%	77	130	2.1	10.5	10%	3
440070037002	2	Hazardous	Fox Point	38	15%	73	1,053	16.9	55.7	22%	7
440070009001	2	Definitely Declining	Federal Hill	7	8%	74	296	4.8	12.3	13%	6
440070011002	2	Definitely Declining	Federal Hill	7	12%	72	325	5.2	12.5	20%	8
440070019002	2	Definitely Declining	Olneyville	7	16%	78	50	0.8	8	18%	2
440070013004	2	Definitely Declining	West End	7	15%	80	19	0.3	7.3	16%	0
440070016002	2	Definitely Declining	Olneyville/Silver Lake	16	16%	72	410	6.6	23	23%	7
440070016001	2	Definitely Declining	Silver Lake/Olneyville/Hartford	8	29%	74	114	1.8	10	28%	5
440070016007	2	Definitely Declining	Silver Lake	4	17%	78	27	0.4	4.4	19%	2
440070017002	2	Definitely Declining	Silver Lake	12	20%	77	94	1.5	13.6	23%	3
440070012003	2	Definitely Declining	West End	6	15%	78	39	0.6	6.8	17%	2
440070003005	2	Definitely Declining, Still Desirable	West End	9	14%	77	92	1.5	10.7	16%	3
440070003002	2	Still Desirable	Elmwood	8	22%	76	61	1.0	9.1	25%	3
440070002005	2	Still Desirable, Definitely Declining	Elmwood	17	14%	77	189	3.0	20.4	17%	2
440070005002	2	Definitely Declining	Lower South Providence	5	19%	78	19	0.3	5.4	20%	1
440070005003	2	Definitely Declining	Lower South Providence	12	16%	77	114	1.8	14	18%	3
440070001021	2	Still Desirable	Washington Park	9	16%	78	56	0.9	9.9	18%	1
440070001014	2	Still Desirable, Definitely Declining	Washington Park	7	13%	77	108	1.7	8.8	16%	3
				548			29,223	469.6	1021.9		

Manifest for Grant Application # GRANT13861713

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 23772 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16036 bytes)

2. Form SF424A-V1.0.pdf (size 22805 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40431 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 16007 bytes)

5. Form SF424_4_0-V4.0.pdf (size 24027 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37499 bytes)

Attachments Included in Zip File (total 4):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1234-EJCPS Mandatory Other Attachments File FINAL.pdf application/pdf (size 2211767 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-UC 2021 Form 990 PUBLIC DISCLOSURE COPY.pdf application/pdf (size 441941 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-UC 2021 Audited Financial Statements-FINAL.pdf application/pdf (size 318437 bytes)

4. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1237-EJCPS Project Narrative FINAL VERSION .pdf application/pdf (size 413321 bytes)

UNITED CHARITABLE

FINANCIAL STATEMENTS

DECEMBER 31, 2021

PBMares SM

ASSURANCE, TAX & ADVISORY SERVICES

UNITED CHARITABLE

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PBMares SM

INDEPENDENT AUDITOR'S REPORT

The Board of Directors
United Charitable

Opinion

We have audited the financial statements of United Charitable (the Organization), which comprise the statements of financial position as of December 31, 2021 and 2020, the related statements of activities, functional expenses, and cash flows for the years then ended, and the related notes to the financial statements.

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of the Organization as of December 31, 2021 and 2020, and the changes in its net assets and its cash flows for the years then ended, in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Organization and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Organization's ability to continue as a going concern within one year after the date that the financial statements are issued or available to be issued.

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Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Organization's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Organization's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control–related matters that we identified during the audit.

PBMares, LLP

Warrenton, Virginia
December 2, 2022

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FINANCIAL STATEMENTS

UNITED CHARITABLE

STATEMENTS OF FINANCIAL POSITION
December 31, 2021 and 2020

	2021	2020
ASSETS		
Current Assets		
Cash and cash equivalents	**$ 4,606,301**	$ 1,329,959
Grants receivable, current portion	**101,790**	-
Other receivables	**7,121**	8,350
Prepaid expenses	**34,955**	55,878
Total current assets	**4,750,167**	1,394,187
Investments, equity method		
Investees holding financial assets	**112,739,439**	112,038,035
Investees holding nonfinancial assets	**41,890,409**	40,327,242
Investees holding commercial real estate	**23,819,547**	15,926,663
Total investments, equity method	**178,449,395**	168,291,940
Investments, at fair value	**28,859,883**	22,929,467
Life Insurance, cash surrender value	**3,718,949**	4,072,043
Split-Interest agreements	**1,796,439**	1,813,319
Grants receivable, noncurrent portion	**101,790**	-
Due from related parties, long-term	**317,008**	306,555
Property and equipment, net	**5,733**	10,852
Security deposits	**12,328**	6,928
Total assets	**$ 218,011,692**	$ 198,825,291
LIABILITIES AND NET ASSETS		
Current Liabilities		
Accounts payable and accrued expenses	**$ 265,357**	$ 155,865
Deferred lease obligation	**-**	12,084
Total current liabilities	**265,357**	167,949
Net Assets, without donor restrictions	**16,597,350**	10,928,067
Net Assets, with donor restrictions	**201,148,985**	187,729,275
Total net assets	**217,746,335**	198,657,342
Total liabilities and net assets	**$ 218,011,692**	$ 198,825,291

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UNITED CHARITABLE

STATEMENT OF ACTIVITIES
Year Ended December 31, 2021

	Without Donor Restrictions	With Donor Restrictions	Total
Support and Revenue			
Contributions and grants	$ 137,064	$ 7,946,579	$ 8,083,643
Non-cash contributions - LLC gifts	-	6,637,172	6,637,172
Non-cash contributions - marketable securities	-	5,008,282	5,008,282
Gain from equity method investees	5,645,101	1,047,975	6,693,076
Investment return	96,807	2,420,247	2,517,054
Event revenue	-	110,808	110,808
Program service revenue	34,714	293,481	328,195
Other income	-	686,051	686,051
Net assets released from restrictions	10,730,885	(10,730,885)	-
Total support and revenue	16,644,571	13,419,710	30,064,281
Expenses			
Program services	9,409,081	-	9,409,081
General and adminstrative	1,413,872	-	1,413,872
Fundraising	152,335	-	152,335
Total expenses	10,975,288	-	10,975,288
Change in net assets	5,669,283	13,419,710	19,088,993
Net Assets, beginning of year	10,928,067	187,729,275	198,657,342
Net Assets, end of year	$ 16,597,350	$ 201,148,985	$ 217,746,335

See Notes to Financial Statements

ED_016126_00000404-00007

UNITED CHARITABLE

STATEMENT OF ACTIVITIES
Year Ended December 31, 2020

	Without Donor Restrictions	With Donor Restrictions	Total
Support and Revenue			
Contributions and grants	$ 198,174	$ 4,361,921	$ 4,560,095
Non-cash contributions - LLC gifts	-	2,414,054	2,414,054
Non-cash contributions - marketable securities	-	2,544,252	2,544,252
Gain from equity method investees	4,669,061	1,289,595	5,958,656
Investment return	570,016	1,328,021	1,898,037
Event revenue	-	56,551	56,551
Program service revenue	20,178	228,589	248,767
Other income	-	293,272	293,272
Net assets released from restrictions	9,338,136	(9,338,136)	-
Total support and revenue	14,795,565	3,178,119	17,973,684
Expenses			
Program services	5,383,312	-	5,383,312
General and adminstrative	1,959,516	-	1,959,516
Fundraising	87,292	-	87,292
Total expenses	7,430,120	-	7,430,120
Change in net assets	7,365,445	3,178,119	10,543,564
Net Assets, beginning of year	3,562,622	184,551,156	188,113,778
Net Assets, end of year	$ 10,928,067	$ 187,729,275	$ 198,657,342

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UNITED CHARITABLE

STATEMENT OF FUNCTIONAL EXPENSES
Year Ended December 31, 2021

	Program Services	General and Administrative	Fundraising	Total
Accounting and legal	$ 204,515	$ 151,653	$ -	$ 356,168
Advertising	310,544	-	214	310,758
Bank fees	37,195	28,325	-	65,520
Conferences	6,112	392	-	6,504
Depreciation	4,021	1,098	-	5,119
Donations	5,984,125	-	-	5,984,125
Dues and subscriptions	6,104	6,086	-	12,190
Equipment rental and repairs	42,021	4,390	-	46,411
Events	81,219	722	-	81,941
Insurance	45,161	68,243	-	113,404
Licenses, taxes and fees	7,200	5,081	-	12,281
Maintenance	27,855	106,656	-	134,511
Miscellaneous	24,839	45,983	-	70,822
Office expense	56,767	10,887	3,202	70,856
Payroll taxes	76,251	47,520	8,364	132,135
Program support	136,979	-	-	136,979
Publications	6,589	-	-	6,589
Rent and occupancy	85,437	93,343	-	178,780
Salaries and employee benefits	1,028,929	705,059	132,874	1,866,862
Sub-contractors and program consultants	1,130,791	121,506	-	1,252,297
Telephone	4,211	5,694	-	9,905
Travel and meals	102,216	11,234	7,681	121,131
Total expenses	$ 9,409,081	$ 1,413,872	$ 152,335	$ 10,975,288

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UNITED CHARITABLE

STATEMENT OF FUNCTIONAL EXPENSES
Year Ended December 31, 2020

	Program Services	General and Administrative	Fundraising	Total
Accounting and legal	$ 45,682	$ 143,097	$ -	$ 188,779
Advertising	55,132	-	38	55,170
Bank fees	27,049	24,259	-	51,308
Conferences	2,006	438	-	2,444
Depreciation	4,020	2,286	-	6,306
Donations	3,884,112	-	-	3,884,112
Dues and subscriptions	2,385	4,020	-	6,405
Equipment rental and repairs	32,430	60	-	32,490
Events	16,807	-	-	16,807
Insurance	49,589	38,093	-	87,682
Licenses, taxes and fees	5,834	12,316	-	18,150
Maintenance	-	75,740	-	75,740
Miscellaneous	173,565	859,484	-	1,033,049
Office expense	22,317	18,696	1,941	42,954
Payroll taxes	31,516	36,923	4,625	73,064
Program support	113,151	-	-	113,151
Publications	10,134	-	-	10,134
Rent and occupancy	87,921	85,967	979	174,867
Salaries and employee benefits	424,572	571,289	76,312	1,072,173
Sub-contractors and	346,177	70,611	-	416,788
Telephone	6,516	8,461	-	14,977
Travel and meals	42,397	7,776	3,397	53,570
Total expenses	$ 5,383,312	$ 1,959,516	$ 87,292	$ 7,430,120

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UNITED CHARITABLE

STATEMENTS OF CASH FLOWS
Years Ended December 31, 2021 and 2020

	2021	2020
Cash Flows from Operating Activities		
Change in net assets	**$ 19,088,993**	$ 10,543,564
Adjustments to reconcile change in net assets to net cash provided by (used in) operating activities:		
Depreciation	**5,119**	6,305
Non-cash contributions in	**(11,645,454)**	(4,958,306)
Non-cash donations out	**2,124,818**	-
Gain from equity method investees	**(6,698,076)**	(5,111,215)
Loss on collections	**-**	167,050
Realized and unrealized gain on investments	**(2,062,344)**	(1,240,113)
Decrease (increase) in life insurance cash surrender value	**353,094**	(300,950)
Decrease (increase) in:		
Grants receivable	**(203,580)**	-
Other receivables	**1,229**	5,880
Prepaid expenses	**20,923**	(27,822)
Split-interest agreements	**16,880**	(247,625)
Due from related parties	**(10,453)**	-
Security deposits	**(5,400)**	-
Increase (decrease) in:		
Accounts payable and accrued expenses	**109,492**	28,488
Deferred lease obligation	**(12,084)**	(9,207)
Net cash provided by (used in) operating activities	**1,083,158**	(1,143,951)
Cash Flows from Investing Activities		
Proceeds from sales of investments	**10,815,652**	6,893,627
Distributions of LP/LLC principal	**1,052,975**	1,292,095
Purchases of investments	**(9,675,442)**	(6,380,104)
Purchases of property and equipment	**-**	(9,773)
Net cash provided by investing activities	**2,193,184**	1,795,845
Increase in cash and cash equivalents	**3,276,342**	651,894
Cash and Cash Equivalents		
Beginning	**1,329,959**	678,065
Ending	**$ 4,606,301**	$ 1,329,959

See Notes to Financial Statements.

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NOTES TO FINANCIAL STATEMENTS

Note 1. Nature of Activities and Significant Accounting Policies

United Charitable (the Organization), operates exclusively as an organization authorized to engage in religious, charitable, scientific, literary or educational activities by consolidating the administration of these activities through fiscally sponsored programs and donor advised funds.

Any person or corporation, with approval from the Organization's Board of Directors, may establish a Charitable Program at the Organization to engage in activities compatible to the mission objectives of the Organization. Charitable Programs are held and administered by the Organization. Assets donated to the Organization in support of the purposes of specific charitable programs operated by the Organization are treated as net assets with donor restriction dedicated to those specific purposes, and that only the sponsorship fees, interest and charges paid to the general fund of the Organization shall be treated as net assets without donor restriction. The Organization observes the charitable trust doctrine to maximize the protection of restricted assets from potential general creditors of the Organization. Final approval of the use of all Charitable Program Funds rests with the Organization and its Board of Directors.

Donor Advised Funds at the Organization are administered under restrictions set forth in the 2006 Pension Protection Act. Donors may make recommendations on the investment of or the use of donated funds, which are restricted to qualified charities in the United States and abroad. Donors may also organize a scholarship program with the Organization and recommend to disburse funds to the college or university of a scholarship recipient. As with its Charitable Programs, the Organization maintains final oversight on all donations and scholarship requests for its Donor Advised Funds.

A summary of the Organization's significant accounting policies follows:

Basis of accounting: The financial statements of the Organization have been prepared in accordance with accounting principles generally accepted in the United States of America (U.S. GAAP), whereby revenues are recorded when earned and expenses are recorded when obligations are incurred.

Cash and cash equivalents: The Organization considers highly liquid investments purchased with maturities of less than three months to be cash equivalents. The Organization maintains its cash in checking and savings accounts with financial institutions. Such deposits are insured by the Federal Deposit Insurance Corporation (FDIC) up to $250,000 per bank. The Organization has not experienced any losses in any accounts and does not believe it is exposed to significant credit risk with these deposits.

Grants receivable: Grants receivable that are expected to be collected in less than one year are reported at net realizable value. Grants receivable that are expected to be collected in more than one year are recorded at fair value at the date of promise. That fair value is computed using a present value technique applied to anticipated cash flow. Amortization of the resulting discount is recognized as contribution revenue. There was no bad debt expense related to grants and other receivables for the years ended December 31, 2021 and 2020.

***Investments accounted for using the equity method*:** The Organization receives CFLP/LLC contributions, where donors establish a CFLP/LLC, contribute various assets, many of which are security instruments, and then donate a percentage of the membership units to the Organization. The donor is the general partner and the Organization is a limited partner of the CFLP/LLC. As such, the Organization cannot and does not exercise any management authority over the operation of these entities.

Note 1. Nature of Activities and Summary of Significant Accounting Policies (Continued)

CFLP/LLCs are recorded at estimated fair value as of the date of donation, and are subsequently reported using the equity method. CFLP/LLC donations to the Organization for the years ended December 31, 2021 and 2020 were $3,991,982 and $2,414,054, respectively.

Investments accounted for using fair value: Investments are originally recorded at cost if purchased or estimated fair value on the date of donation. Subsequently, investments are carried at fair value. Net investment income (loss) is reported in the statement of activities and consists of interest and dividend income, realized and unrealized capitals gains and losses, less external investment expenses.

Split-interest agreements: Split-interest agreements consist of charitable remainder trusts. Under charitable remainder trusts, donors establish and fund trusts with specified distributions to be made to beneficiaries over the trusts' terms. The Organization records charitable remainder trusts for which it is not the trustee at the net present value of the projected cash flows.

Property and equipment: Property and equipment includes land, buildings, furniture, fixtures and equipment that are used in charitable activities of the Organization's Charitable Programs. These assets are recorded at cost or, if donated, at net realizable value at the date of donation. Depreciation is computed on the straight-line basis over the estimated useful lives of 3 to 30 years.

All acquisitions of property and equipment of $5,000 or more, and all expenditures for major renewals and betterments that extend the useful lives of property and equipment, are capitalized. Expenditures for maintenance and repairs are charged to expense as incurred.

Income taxes: The Organization is exempt from federal and state income taxes under Section 501(c)(3) of the Internal Revenue Code; accordingly, the accompanying financial statements do not reflect a provision or liability for federal and state income taxes.

The most significant tax positions of the Organization are its assertion that it is exempt from income taxes and its determination of whether any amounts are subject to unrelated business tax. The Organization adopted the provisions of accounting for uncertainty in income tax positions as required by Financial Accounting Standards Board (FASB) Accounting Standard Codification (ASC) Topic 740, *Income Taxes*; however, management does not believe it is exposed to any such positions as defined in this guidance, nor do they expect this to change significantly over the next 12 months. The Organization files Form 990, *Return of Organization Exempt from Income Tax*, annually with the United States Department of the Treasury. Such returns are subject to examination by taxing authorities, generally for a period of three years from the date the returns are filed.

Net assets*:* Net assets, revenues, gains, and losses are classified based on the existence or absence of donor or grantor imposed restrictions. Accordingly, net assets and changes therein are classified and reported as follows:

Net assets without donor restrictions: Net assets available for use in general operations and not subject to donor (or certain grantor) restrictions.

Note 1. Nature of Activities and Summary of Significant Accounting Policies (Continued)

Net assets with donor restrictions: Net assets subject to donor (or certain grantor) imposed restrictions. Some donor-imposed restrictions are temporary in nature, such as those that will be met by the passage of time or other events specified by the donor. Other donor imposed restrictions are permanent in nature, where the donor stipulates that resources be maintained in perpetuity. Gifts of long-lived assets and gifts of cash restricted for the acquisition of long-lived assets are recognized as revenue when the assets are placed in service. Donor imposed restrictions are released when a restriction expires, that is, when the stipulated time has elapsed, when the stipulated purpose for which the resource was restricted has been fulfilled, or both.

Revenue recognition: The Organization does not currently have significant revenue from contracts with customers, although this may change in the future.

Support:

Contributions: Non-cash contributions are recorded at fair value on the date of donation. Contributions are recorded when received as net assets without donor restrictions or net assets with donor restrictions, depending on the existence and/or nature of any donor restrictions. All donor-restricted support is reported as an increase in net assets with donor restrictions. When a restriction expires, that is, when a stipulated time restriction ends or a purpose restriction is accomplished, net assets with donor restrictions are reclassified to net assets without donor restrictions and reported in the statements of activities as net assets released from restrictions.

Gain or loss from equity method investee: The Organization's share of the net income or loss of CFLP/LLC will be recognized in the Organization's statements of activities and added to the investment balance, and dividends received from CFLP/LLC will be treated as a reduction of the investment balance.

Functional allocation of expenses: Certain costs of providing various program services and other activities have been summarized on a functional basis in the statements of activities. The statements of functional expenses present the natural classification detail of expenses by function. Accordingly, certain costs have been allocated among the programs and supporting services. Expenses that can be identified with a specific program or supporting service are allocated directly. Other expenses that are common to several functions are allocated by various statistical bases.

Use of estimates: The preparation of financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could vary from the estimates that were used.

Commitments and contingencies: The Organization may periodically be involved in various legal proceedings. It is the Organization's policy to accrue amounts related to these legal matters if it is probable that a liability will be incurred and an amount is reasonably estimable. The Organization believes that any legal proceedings in which it is involved will not materially affect its financial position, future operating results or cash flows. However, it is reasonably possible that management's estimate could change in the future.

Note 1. Nature of Activities and Summary of Significant Accounting Policies (Continued)

Upcoming accounting pronouncements: In February 2016, the FASB issued ASU 2016-02, *Leases* (Topic 842), which sets out the principles for the recognition, measurement, presentation and disclosure of leases for both parties to a contract (i.e. lessees and lessors). The new standard requires lessees to apply a dual approach, classifying leases as either finance or operating leases based on the principle of whether or not the lease is effectively a financed purchase by the lessee. This classification will determine whether lease expense is recognized based on an effective interest method or on a straight-line basis over the term of the lease. A lessee is also required to record a right-of-use asset and a lease liability for all leases with a term of greater than 12 months regardless of their classification. Leases with a term of 12 months or less will be accounted for similarly to existing guidance for operating leases today. The new standard requires lessors to account for leases using an approach that is substantially equivalent to existing guidance for sales-type leases, direct financing leases and operating leases. The new standard is effective for fiscal years beginning after December 15, 2021, and interim periods within fiscal years beginning after December 15, 2022. The Organization is currently evaluating the impact of the adoption of the new standard on its financial statements.

In September 2020, the FASB issued ASU 2020-07, *Presentation and Disclosures by Not-for-Profit Entities for Contributed Nonfinancial Assets*. Not-for-profits will be required to provide additional information on the contributions of nonfinancial assets they receive under a new accounting standard issued. Contributed nonfinancial assets can include fixed assets such as land, buildings, and equipment; the use of fixed assets or utilities; materials and supplies, such as food, clothing, or pharmaceuticals; intangible assets; and recognized contributed services. The new ASU requires a not-for-profit to present contributed nonfinancial assets as a separate line item in the statement of activities, apart from contributions of cash or other financial assets. The standard also requires a not-for-profit to disclose contributed nonfinancial assets recognized within the statement of activities, disaggregated by category that depicts the type of nonfinancial assets. For each category of contributed nonfinancial assets recognized, the standard requires a not-for-profit to disclose qualitative information about whether the contributed nonfinancial assets were either monetized or utilized during the reporting period. If they were utilized, a description of the programs or other activities in which those assets were used is required. The not-for-profit's policy (if any) about monetizing rather than utilizing contributed nonfinancial assets must also be disclosed as well as a description of any donor-imposed restrictions associated with the contributed nonfinancial assets. The FASB is requiring the standard to be applied retrospectively. The amendments take effect for annual reporting periods beginning after June 15, 2021, and interim periods within annual reporting periods beginning after June 15, 2022. Early adoption is permitted. The Organization is currently evaluating the full effect that the adoption of this standard will have on the financial statements.

Subsequent events: The Organization has evaluated all subsequent events through December 2, 2022, which is the date these financial statements were available to be issued. See Note 11 for a discussion of subsequent events.

NOTES TO FINANCIAL STATEMENTS

Note 2. Liquidity and Availability of Resources

The Organization's financial assets available within one year of the combined statement of financial position date for general expenditures, were comprised of the following at December 31, 2021:

Cash and cash equivalents	$ 4,606,301
Grants receivable, current portion	101,790
Other receivables	7,121
Financial assets available to meet cash needs for general expenditures within one year	**$ 4,715,212**

The Organization has a policy to structure its financial assets to be available as its general expenditures, liabilities and other obligations become due.

The Organization is supported by contributions with donor restrictions. Because a donor's restriction requires resources to be used in a particular manner or in a future period, the Organization must maintain sufficient resources to meet those responsibilities to its donors. These resources with a donor restriction may not be available for general expenditure within one year of the statements of financial position date.

Note 3. Investments Accounted for Using the Equity Method

The financial position and results of operations of the investments accounted for using the equity method as of and for the year ended December 31, 2021 are summarized below:

Condensed Balance Sheet Information as of December 31, 2021

	Investees holding commercial real estate	Investees holding financial assets	Investees holding nonfinancial assets
Total assets	$ 23,485,321	$ 100,548,178	$ 53,944,446
Total liabilities	$ 395,383	$ 600,649	$ 500,846
Equity	23,089,938	99,947,529	53,443,600
Total liabilities and equity	$ 23,485,321	$ 100,548,178	$ 53,944,446

Results of Operations for Year Ended December 31, 2021

Results of operations	$ 1,977,576	$ 5,952,068	$ 1,371,832

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Note 3. Investments Accounted for Using the Equity Method (Continued)

The financial position and results of operations of the investments accounted for using the equity method as of and for the year ended December 31, 2020 are summarized below:

Condensed Balance Sheet Information as of December 31, 2020

	Investees holding commercial real estate	Investees holding financial assets	Investees holding nonfinancial assets
Total assets	$ 17,405,835	$ 117,655,047	$ 53,089,020
Total liabilities	$ 87,126	$ 940,076	$ 500,171
Equity	17,318,709	116,714,971	52,588,849
Total liabilities and equity	$ 17,405,835	$ 117,655,047	$ 53,089,020

Results of Operations for Year Ended December 31, 2020

Results of operations	$ 940,124	$ 5,990,068	$ 3,576,098

Note 4. Investments Held at Fair Value and Investment Return

Investment return consists of the following at December 31:

	2021	2020
Interest and dividends	**$ 690,022**	$ 562,363
Net realized gains	**2,033,267**	382,888
Net unrealized gains	**36,492**	1,152,145
Change in value of split-interest agreements	**(16,880)**	(14,575)
Investment fees	**(225,847)**	(184,784)
Total investment return	**$ 2,517,054**	$ 1,898,037

FASB ASC 820, *Fair Value Measurements*, establishes a framework for measuring fair value. That framework provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). The three levels of the fair value hierarchy under FASB ASC 820 are described as follows:

Level 1: Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Organization has the ability to access.

Note 4. Investments Held at Fair Value and Investment Return (Continued)

Level 2: Inputs to the valuation methodology include: quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in inactive markets; inputs other than quoted prices that are observable for the asset or liability; inputs that are derived principally from or corroborated by observable market data by correlation or other means.

If the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.

Level 3: Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The asset's or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques used must maximize the use of observable inputs and minimize the use of unobservable inputs.

The Organization believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date. There have been no changes in the techniques and inputs used at December 31, 2021 and 2020.

Following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the techniques and inputs used at June 30, 2022 and 2021.

Mutual funds: Mutual funds are valued at the daily closing price as reported by the fund. Mutual funds held by the Organization are open-end mutual funds that are registered with the Securities and Exchange Commission (SEC). These funds are required to publish their daily NAV and to transact at that price. The mutual funds held by the Organization are deemed to be actively traded.

Money fund accounts: Shares of money funds are valued at quoted market prices that represent the net asset value (NAV) of shares held by the Entity at year-end.

Exchange traded funds (ETF): The fair value of ETFs is the market value in trades in active markets.

Real estate investment trust (REIT): The fair value of REITs is the market value in trades in active markets.

Equity securities: Securities listed on US and global exchanges generally are valued at the last sale price on the exchange on which the security is principally traded. The value of securities listed on the NASDAQ Stock Market, Inc. is generally the NASDAQ Official Closing Price. Listed foreign equity securities for which the latest sale prices are not available generally are valued at the average of the latest bid and ask price as of the closing of the primary exchange where such securities are normally traded. Unlisted securities generally are valued at the last sale price.

Annuities: The fair value of annuities is derived from the underlying value of the contracts.

Note 4. Investments Held at Fair Value and Investment Return (Continued)

The following table sets forth by level, within the fair value hierarchy, the Organization's assets at fair value as of December 31, 2021:

	Fair Value Measurements as of December 31, 2021			
	(Level 1)	**(Level 2)**	**(Level 3)**	**Total**
Investments, fair value				
Mutual funds	**$ 8,660,110**	**$ -**	**$ -**	**$ 8,660,110**
Money fund accounts	**698,904**	**-**	**-**	**698,904**
ETF	**16,670,959**	**-**	**-**	**16,670,959**
REIT	**219,310**	**-**	**-**	**219,310**
Equity securities, publicly traded	**2,283,466**	**-**	**-**	**2,283,466**
Annuities	**-**	**327,134**	**-**	**327,134**
Total investments, fair value	**28,532,749**	**327,134**	**-**	**28,859,883**
Split-Interest agreements	**-**	**-**	**1,796,439**	**1,796,439**
Total assets in the fair value hierarchy	**$ 28,532,749**	**$ 327,134**	**$ 1,796,439**	**$ 30,656,322**

The following table sets forth by level, within the fair value hierarchy, the Organization's assets at fair value as of December 31, 2020:

	Fair Value Measurements as of December 31, 2020			
	(Level 1)	(Level 2)	(Level 3)	Total
Investments, fair value				
Mutual funds	$ 7,979,723	$ -	$ -	$ 7,979,723
Money fund accounts	393,814	-	-	393,814
ETF	11,992,195	-	-	11,992,195
REIT	210,864	-	-	210,864
Equity securities, publicly traded	2,006,675	-	-	2,006,675
Annuities	-	346,196	-	346,196
Total investments, fair value	22,583,271	346,196	-	22,929,467
Split-Interest agreements	-	-	1,813,319	1,813,319
Total assets in the fair value hierarchy	$ 22,583,271	$ 346,196	$ 1,813,319	$ 24,742,786

Note 4. Investments Held at Fair Value and Investment Return (Continued)

The following table summarizes the changes during the year to Level 3 investment instruments for the years ended December 31:

	2021	2020
	Split-Interest Agreements	
Balances, beginning of year	**$ 1,813,319**	$ 1,565,694
Additional contributions	**-**	262,200
Realized and unrealized gains (losses)	**(16,880)**	(14,575)
Balances, end of year	**$ 1,796,439**	$ 1,813,319

Note 5. Property and Equipment

Property and equipment consists of the following at December 31:

	2021	2020
Furniture, fixtures & office equipment	**$ 31,532**	$ 31,532
Less accumulated depreciation	**(25,799)**	(20,680)
Property and equipment, net	**$ 5,733**	$ 10,852

Note 6. Net Assets with Donor Restrictions

Net assets with donor restrictions consist of the following at December 31:

	2021	2020
Purpose Restricted		
Charitable Programs	**$ 201,148,985**	$ 187,729,275

Net assets released from restriction during the years ended December 31, 2021 and 2020 through satisfaction of the following purpose restrictions:

	2021	2020
Purpose Restricted		
Charitable Programs	**$ 10,730,885**	$ 9,338,136

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Note 7. Charitable Programs and Donor Advised Funds

Each program approved by the Organization's Board becomes a Charitable Program. At December 31, 2021 and 2020, the Organization had approximately 100 and 121 Charitable Programs, respectively. The Program Manager, who is not a contributor, may nominate contributions or gifts received by the Organization for a particular charitable use.

At December 31, 2021 and 2020, the Organization had approximately 432 and 410 donor advised funds, respectively. Net assets primarily represent the initial contribution made by the founder and contributions and fees received for donor advised funds approved by the Board. The donor may nominate contributions or gifts received by the Organization for a particular charitable use. Unexpended amounts are treated as net assets with donor restriction.

Note 8. Retirement Plan

All Organization employees who have been employed by the Organization for thirty days are eligible to participate in a 401(k) plan. The Organization made retirement plan contributions of $24,248 and $23,592 for the years ended December 31, 2021 and 2020, respectively.

Note 9. Leases

The Organization leased office space in McLean, Virginia in February 2016, which expired in December 2021. The terms of the lease agreement required base monthly payments of $7,136, increasing three percent each year. The lease was also subject to operating cost increases and real estate tax increases. During the year ended December 31, 2021, the Organization entered into a new office space lease in Ashburn, Virginia, to commence January 1, 2022 and expire December 31, 2026 with the option to renew for an additional five years. The terms of the lease agreement require base monthly payments of $5,400, increasing approximately three percent each year.

Future minimum lease payments as of December 31, 2021 are as follows:

Years Ending December 31,		Amount
2022	$	64,800
2023		66,744
2024		68,748
2025		70,800
2026		72,924
Total minimum lease payments	$	344,016

Rent expense was $178,780 and $174,867 for the years ended December 31, 2021 and 2020, respectively. This expense includes month-to-month and one-time rentals related to the Organization's programs.

Note 10. Related Party Transactions

The Organization is supported by National Heritage Foundation (NHF). NHF is organized exclusively for the benefit of United Charitable, and contributed of $334,683 and $67,446 for the years ended December 31, 2021 and 2020, respectively. The Organization had an amount due from the supporting organization of $317,008 and $306,555 for the years ended December 31, 2021 and 2020.

The Organization has issued a $1,000,000 line of credit to the supporting organization, which is unsecured and due on demand. There was no outstanding balance at December 31, 2021 and 2020. Interest is at two percent. Related interest income was $-0- for the years ended December 31, 2021 and 2020.

Note 11. Paycheck Protection Program

As part of the Coronavirus Aid, Relief, and Economic Security (CARES) Act, the Organization received Paycheck Protection Program (PPP) loans in the amounts of $187,517 and $180,633, during the years ended December 31, 2021 and 2020, respectively. The Organization accounted for the PPP loans as contributions in the years ended December 31, 2021 and 2020 as the conditions for PPP loan forgiveness had been fully or substantially met. The PPP loans were forgiven in full in May 2021 and 2022, respectively.

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1238-Budget Narrative and Justification.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-Narrative Final.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. EJCPS	66.306	$ 0.00	$ 0.00	$ 536,620.00	$ 0.00	$ 536,620.00
2.						
3.						
4.						
5. Totals		$ 0.00	$ 0.00	$ 536,620.00	$ 0.00	$ 536,620.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) EJCPS	(2)	(3)	(4)	Total (5)
a. Personnel	$ 129,200.00	$	$	$	$ 129,200.00
b. Fringe Benefits	0.00				0.00
c. Travel	375,000.00				375,000.00
d. Equipment	0.00				0.00
e. Supplies	19,500.00				19,500.00
f. Contractual	0.00				0.00
g. Construction	0.00				0.00
h. Other	0.00				0.00
i. Total Direct Charges (sum of 6a-6h)	523,700.00				$ 523,700.00
j. Indirect Charges	12,920.00				$ 12,920.00
k. TOTALS (sum of 6i and 6j)	$ 536,620.00	$	$	$	$ 536,620.00
7. Program Income	$ 0.00	$	$	$	$ 0.00

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. EJCPS	$	$	$ 2,083,200.00	$ 2,083,200.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$ 2,083,200.00	$ 2,083,200.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$	$	$	$	$
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$	$	$	$	$

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. EJCPS	$ 200,000.00	$ 200,000.00	$ 136,620.00	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 200,000.00	$ 200,000.00	$ 136,620.00	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: 523700

22. Indirect Charges: 12920

23. Remarks: Leveraged non federal resources estimated at 2,083,200. Have not included as In-kind but rather as leveraged. This can be adjusted with input from Grant Officer as needed.

Budget Narrative and Justification:

PROJECT OBJECTIVE/ACTIVITY	FFY2024	FFY2025	FFY2026	HOURLY RATE	GRANT REQUEST	LEVERAGE
OBJECTIVE 1 - DEVELOP TRAINING/AGENDA ENVIRONMENTAL TECHNICAL CONTENT FOR AFE EVENT						
Activity 1: General coordination, marketing, event management, and planning.	520	520	520	85		132,600
Activity 2: Develop annual event content in collaboration with over 30 existing partnering organizations. Partner time averaging 120 hours/year as leveraged organizational contribution based upon estimate hourly rate.	4,120	4,120	4,120	85		1,050,600
Objective 1 - Subtotal	**4,640**	**4,640**	**4,640**		**0**	**1,183,200**
OBJECTIVE 2 - PROVIDE APPLICATION PROCESS FOR FINANCIAL SUPPORT VIA SCHOLARSHIPS FOR EJ IMPACTED COMMUNITIES						
Activity 3: create online application process and provide clear criteria for selection	320	40	40	85	34,000	
Activity 4: process scholarships and verify reimbursement requests	320	260	260	85	71,400	
Objective 2 - Subtotal	**640**	**300**	**300**		**105,400**	
OBJECTIVE 3 – GRANT ADMINISTRATION, REPORTING, MEASUREMENT						
Activity 5: Provide quarterly/mid-year/final reports to EPA	160	160	160	85	13,600	
Activity 6: financial management by staff to include invoicing, billing, recordkeeping, expense reports, staff training	120	120	120	85	10,200	
Objective 3 Subtotal	**280**	**280**	**280**		**23,800**	
Personnel					**129,200**	

Personnel

Personnel costs are identified (above) by programmatic activity, hourly rate, and hours needed to complete the project goals and objectives. Alaska Forum Staff responsible for completing these tasks. Activities 3-6 depend upon the workload produced in Activities 1 and 2 which are provided as leveraged (indicated by yellow shaded background). Hourly rate provided includes all employee costs and fringe is not applied in addition. Activity 2 is calculated as 520 hours of Alaska Forum staff time per year and estimating 30 partners contributing 120 hours each peer year.

Activities 3-4 are additional hours required to establish and process activities funded solely by this proposal to provide access to training and education for rural Alaskans through travel scholarships. In the first year (FFY2024) additional time to initially create applications systems and process will allow efficiencies and reduced in years FFY2025-26 as the process has been established.
Activities 5-6 are basic requirements to ensure proper grant reporting and fiscal responsibility.

Travel (mileage, airfare, lodging)*	125,000	125,000	125,000		375,000	
Equipment					0	
Supplies	6,500	6,500	6,500		19,500	45,000
Facility	120,000	120,000	120,000			360,000
Audio/Visual	50,000	50,000	50,000			150,000
Virtual Hosting	60,000	60,000	60,000			180,000
Contractual	55,000	55,000	55,000		0	165,000
Other						
Indirect Costs @10% of personnel					12,920	
				Project Total	**536,620**	**2,083,200**

Travel

Travel is specifically allocated for participant travel as scholarships. Staff will not be traveling using these funds. In some of our past federal grants, participant travel is allocated into the Other category which we would be able to adjust based upon grant officer review.

***TRAVEL BUDGET DETAIL**	**airfare**	**registration**	**hotel**	**stipend**	**local transport**	**anticipated # scholarships**
Attend AFE in 2024	750	600	800	250	100	50
Attend AFE in 2025	750	600	800	250	100	50
Attend AFE in 2026	750	600	800	250	100	50
total	375,000					

The associate travel costs provided for scholarships is provided in more detail in the table above. This is an estimate of course as travel from each community can very substantially in airline costs, or mileage. Our experience indicates this is a reasonable effort. Any surplus travel in each category would be allocated to additional scholarships as possible. Registration costs are included based upon estimate cost burden of each participant on the event expenses. For example, added fees for each registrant are incurred through our registration software platform. Name badges, printed programs, staff phone support are other incurred costs per participant.

Other

There are no costs established in the "Other" category. however, as noted above, grant officers may request that scholarships be applied to the Other category instead of Travel.

Supplies

**SUPPLIES BUDGET DETAIL	Cost
laptop and display	4,000
printer	500
software	3,000
cell phone reimbursement monthly @ 125/month	4,500
paper, misc. office supplies	2,500
materials printing/production	5,000
total	**19,500**

The anticipated costs for supplies to ensure project success are provided in the budget detail above. These costs are provided to cover the full span of this grant period.

Equipment

There are no costs established in the Equipment category

Indirect Costs

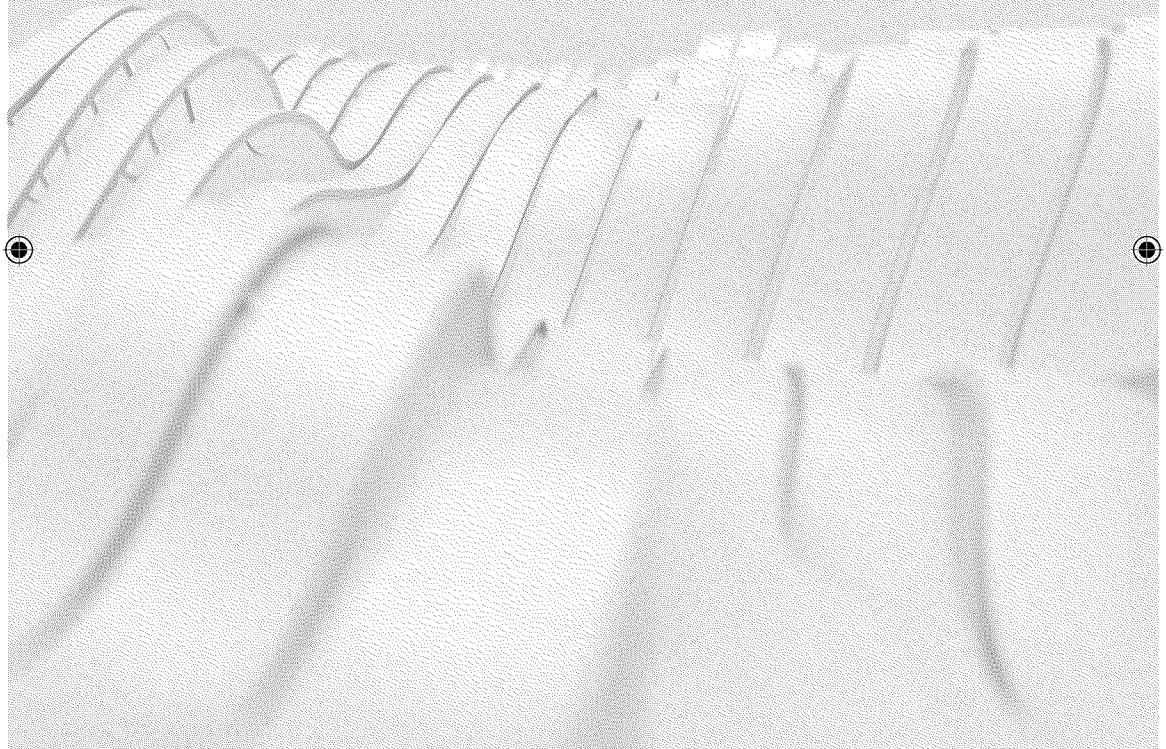
The Alaska Forum does not have an established indirect rate and has applied the 10% rate only to personnel costs in the budget. As we have not requested indirect in any of our previous EPA grants, we have done this conservatively here and are open to input from EPA on the application of this cost.

Facility, Audio Visual, Virtual Hosting, and Contracts

We have provided a summary of our annual cost burden to accomplish the AFE Event to demonstrate the scope of leverage EPA gains in funding this proposal.

25TH ANNUAL

ALASKA FORUM ON THE ENVIRONMENT



2023 AGENDA

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Monday, February 6

8:00 - 9:00	**AFE 2023 Morning Welcome and Registration** Tikahtnu Ballroom A/B
9:00 - 10:15	**AFE KEYNOTE: AFE Celebrates 25 Years - Looking Back and Looking Forward** Tikahtnu Ballroom A/B
10:30 - 11:40	**Working Together: Wildlife Protection During Oil Spills** Tikahtnu E
10:30 - 11:40	**Alaska's Growing Mariculture Industry** Tubughnenq' #3
10:30 - 11:40	**Lean on Us! An Introduction to Technical Assistance to Brownfields Resources in Alaska** Kahtnu #1 & 2
10:30 - 11:40	**Cooperative Mapping of Merbok's Impacts to Western Alaskan Communities – A Panel Discussion** Tubughnenq' #4 & 5
12:00 - 1:30	**KEYNOTE: UIC President and CEO Pearl Brower** Tikahtnu Ballroom A/B
2:00 - 3:10	**State Agency Use of Small Unmanned Aerial Systems (sUAS or drones)** Kahtnu #1 & 2

2:00 - 3:10	**Oil Spills in Rural Alaska: Is Your Community Prepared?**	Tubughnenq' #4 & 5
2:00 - 3:10	**Paralytic Shellfish Toxins (PSTs) in Southern Alaska Fish and Invertebrates.**	Tikahtnu E
2:00 - 3:10	**Alaska's Efforts on Assuming the Dredge and Fill Permitting Program**	Tikahtnu C
2:00 - 3:10	**Opportunities for a Green Hydrogen Hub in Alaska**	Tubughnenq' #3
3:30 - 4:40	**Celebrate Wildlife! The 50th Anniversary of Conservation Laws**	Tubughnenq' #3
3:30 - 4:40	**Respecting Heritage: Planning Ahead to Protect Cultural Resources During Oil Spill Responses**	Tubughnenq' #4 & 5
3:30 - 4:40	**Solar Energy: Practicality, Logistics and Training in SW Alaska**	Tikahtnu E
3:30 - 4:40	**Defining the Cost of Coastal Hazards: A First Step Towards Coastal Resilience**	Kahtnu #1 & 2

Preview

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Tuesday, February 7

8:00 - 9:00	**AFE 2023 Morning Welcome and Registration** Tikahtnu Ballroom A/B
9:00 - 10:15	**AFE KEYNOTE: The Future of Broadband Service in Rural Alaska Panel Discussion** Tikahtnu Ballroom A/B
10:30 - 11:40	**Marine Debris - Removal** Tikahtnu E
10:30 - 11:40	**Alaska EPSCoR: Glaciers to Gulf** Kahtnu #1 & 2
10:30 - 11:40	**Military Training in Alaska** Tubughnenq' #4 & 5
10:30 - 11:40	**High Resolution Site Characterization Tools Used in Alaska** Tubughnenq' #3
2:00 - 3:10	**Marine Debris - Emerging Issues + Efforts** Tubughnenq' #4 & 5
2:00 - 3:10	**Hot Topics on Invasive Species in Alaska** Tubughnenq' #3
2:00 - 3:10	**Eliminating PFAS in Soil? It Can Be Done!** Tikahtnu E

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2:00 - 3:10 **US Department of Energy Office of Legacy Management Program Update**
Kahtnu #1 & 2

2:00 - 3:10 **Effectively Engaging in the APDES Permitting Process**
Tikahtnu C

3:30 - 4:40 **Marine Debris - Prevention**
Tubughnenq' #4 & 5

3:30 - 4:40 **Environmental Restoration Efforts at Federal Sites in Alaska**
Tubughnenq' #3

3:30 - 4:40 **Exploring Cultural, Social, and Economic Well-being to Assess Equity in Building Resilience**
Tikahtnu E

3:30 - 4:40 **Minerals for Green Energy**
Kahtnu #1 & 2

3:30 - 4:40 **Films Showcasing the Arctic Integrated Ecosystem Research Program in the Bering Strait & Chukchi Sea**
K'enakatunu #6

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Wednesday, February 8

8:00 - 9:00	**AFE 2023 Morning Welcome and Registration**	Tikahtnu Ballroom A/B
9:00 - 10:15	**AFE KEYNOTE: Jason Brune, Commissioner of the State of Alaska Department of Environmental Conservation**	Tikahtnu Ballroom A/B
10:30 - 11:40	**Are You Wildfire Ready?**	Tikahtnu E
10:30 - 11:40	**Extreme Event Indices for Alaska Communities**	Tubughnenq' #3
10:30 - 11:40	**Climate Change, Our Ways Forward, Part I**	Tubughnenq' #4 & 5
10:30 - 11:40	**Geothermal Power in Alaska: The Prospects and the Projects**	Kahtnu #1 & 2
10:30 - 11:40	**Household Hazardous Waste Management - Identifying, Handling and Staging**	Tikahtnu C
2:00 - 3:10	**Climate Change, Air Quality, Health, and Environmental Justice**	Tubughnenq' #3
2:00 - 3:10	**Beyond the Trash Can: How Does AK's Largest City Manage Trash and Are They Recycling?**	Tikahtnu E

2:00 - 3:10	**Infrastructure Gone Wild: How Fish & Wildlife Can Benefit From Improved Transportation Design**	Kahtnu #1 & 2
2:00 - 3:10	**U.S. DOE's Alaska Natives Environmental Justice Community Outreach Engagement Workshop Pt. 1**	Tikahtnu C
2:00 - 3:10	**Utilizing Digital Storytelling for Cultural Resilience**	Tubughnenq' #4 & 5
3:30 - 4:40	**Community Monitoring of River Ice**	Tubughnenq' #4 & 5
3:30 - 4:40	**U.S. DOE's Alaska Natives Environmental Justice Community Outreach Engagement Workshop Pt. 2**	Tikahtnu C
3:30 - 4:40	**Interagency Update on ANSCA Contaminated Lands Initiative**	Tikahtnu E
3:30 - 4:40	**Educating Alaska's Youth About Energy**	Tubughnenq' #3
3:30 - 4:40	**Tribal Food Sovereignty and Security: Supporting Tribes Throughout Alaska**	Kahtnu #1 & 2
4:45 - 6:30	**AFE Exhibitor Expo and Networking Event**	Exhibitor Hall

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Thursday, February 9

8:00 - 9:00	**AFE 2023 Morning Welcome and Registration** Tikahtnu Ballroom A/B
9:00 - 10:15	**AFE KEYNOTE: Indigenous Waters: Learning from Elders in a Qasriq, a Discussion led by Elder Patricia Cochran** Tikahtnu Ballroom A/B
10:30 - 11:40	**Indigenous Waters: Learning from Elders in a Qasriq** Tikahtnu C
10:30 - 11:40	**Yukon Kuskokwim Regional Backhaul 2018-2022** Tubughnenq' #4 & 5
10:30 - 11:40	**PFAS Soil Management: Disposal, Disposal Options, & Costs** Tikahtnu E
10:30 - 11:40	**Climate Change, Our Ways Forward, Part II** Kahtnu #1 & 2
10:30 - 11:40	**Inflation Reduction Act: Clean Energy Project Potential in Alaska** Tubughnenq' #3
12:00 - 1:30	**AFE KEYNOTE: EPA Region 10 Administrator Casey Sixkiller** Tikahtnu Ballroom A/B
2:00 - 3:10	**Marine Debris - Action Plan Listening Session** Tubughnenq' #4 & 5

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2:00 - 3:10 **Throwing a Lifeline to Oil Tankers: New Technology for Emergency Towing**
Tikahtnu E

2:00 - 3:10 **Phytoremediation as a Sustainable Remedial Solution**
Tubughnenq' #4 & 5

2:00 - 3:10 **Electric Vehicles: Charging Up Across Alaska**
Kahtnu #1 & 2

2:00 - 3:10 **National Nature Assessment: We Want to Hear From You!**
Tikahtnu C

3:30 - 4:40 **GAP Successes and Challenges**
Tubughnenq' #4 & 5

3:30 - 4:40 **Typhoon Merbok (Flood Mapping and Local Observers/Indigenous Knowledge)**
Kahtnu #1 & 2

3:30 - 4:40 **Earn Your Green Star Today! The Green Star Communities Program and P2 Are Right For You!**
Tubughnenq' #3

3:30 - 4:40 **Ambient Air Quality Monitoring in Alaska with Low-Cost Sensors**
Tikahtnu C

3:30 - 4:40 **Blast Track - Three Sessions on Investigating, Analyzing, and Remediating PFAS**
Tikahtnu E

3:30 - 4:40 **AFE Film Festival**
K'enakatunu #6

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Friday, February 10

9:00 - 4:00	**Mining 101** Kahtnu #1
8:00 - 5:00	**HAZWOPER Refresher Course** Tikahtnu E
10:00 - 12:00	**IGAP Workshop** Tikahtnu C
9:00 - 12:00	**Observing for Community Decision Making** Tubughnenq' #3
10:00 - 12:00	**By Invitation Only - National Nature Assessment Consultation with Alaska Native Leaders** Kahtnu #2
9:00 - 10:30	**DEC Efforts to Revise Human Health Criteria in State Water Quality Standards** Tubughnenq' #4
9:00 - 5:00	**By Invitation Only - Native American Lands Environmental Mitigation Program Annual Meeting** Tubughnenq' #5
9:00 - 11:00	**By Invitation Only - Native American Lands Environmental Mitigation Program Annual Meeting** Tubughnenq' #6

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SPECIAL THANKS

Alaska Department of Fish and Game
National Oceanic and Atmospheric Administration
University of Alaska Fairbanks
US Forest Service
US Fish and Wildlife
US Department of the Interior
Alaska Department of Environmental Conservation
Denali Borough School District
Environmental Protection Agency
University of Alaska Fairbanks Bristol Bay Campus

Kuna Engineering
Delta Backhaul Company
Chugach Electric
University of Alaska Anchorage
Alaska Pacific University
Geosyntec Consultants
AECOM
United States Air Force Defense Logistics Agency
Prince William Sound Regional Citizens' Advisory Council
Jacobs

ADEC Solid Waste Program
ADF&G Habitat Section
AECOM
Alaska Arctic Observatory
Alaska Association of Village Council Presidents (AVCP)
Alaska Center for Appropriate Technology
Alaska Department of Environmental Conservation
Alaska Department of Fish and Game
Alaska Department of Natural Resources
Alaska Dept. of Transportation & Public Facilities
Alaska Division of Forestry & Fire Protection
Alaska Earth Sciences
Alaska Energy Authority
Alaska Fisheries Development Foundation
Alaska Geospatial Office
Alaska Mariculture Alliance
Alaska Pacific University
Alaska Sea Grant
Aleut Community of St. Paul Island
Alien Species Control, LLC
Allen University
ANTHC
Aquagga
Arctic Eider Society - Siku
ASRC Energy
Brice Engineering
Bureau of Indian Affairs
CCLR
Center for Alaskan Coastal Studies
Citizens Climate Lobby
Defenders of Wildlife
Delta Backhaul Company
Department of Energy
Department of Air Force
Eurofins Scientific
Geosyntec Consultants
GeoTek Alaska
Glosten
Gulf Alaska Keeper
HDR, Inc.
Intrinsyx Environmental
Jacobs
Knik Tribe
KSU Tribal TAB

Kuna Engineering
Launch Alaska
Medical University of South Carolina
Municipality of Anchorage, Solid Waste Services
NANA
National Environmental Justice Conference, Inc.
National Marine Fisheries Service
National Nature Assessment, USGCRP
National Oceanic and Atmospheric Administration
National Park Service
National Renewable Energy Laboratory (NREL)
Native Village of Unalakleet
NOAA Fisheries Alaska Region
NOAA Marine Debris Program
North Pacific Research Board
Norton Sound Economic Development Corporation
NWS Alaska-Pacific River Forecast Center
Ocean Conservancy
Ocean Plastics Recovery
Ounalashka Corporation and Chena Power, LLC
Polar Sciences, OSTP
Prince William Sound Regional Citizens' Advisory Council
Renewable Energy Alaska Project (REAP)
Rural Alaska Community Action Program
Sagebrush Hill Group, LLC
Stantec
State of Alaska Department of Military and Veterans Affairs
Two Bears Environmental Consulting, LLC
U.S. Fish and Wildlife Service
University of Alaska Anchorage
University of Alaska Fairbanks
University of Texas at El Paso
University of Washington
US Air Force
US Army Corps of Engineers, FUDS Program
US Coast Guard
US Department of the Interior
US DOI
US EPA
US Fish and Wildlife Service
US Forest Service
US Navy
Williams College
Woodwell Climate Research Center
Yukon River Inter-Tribal Watershed Council

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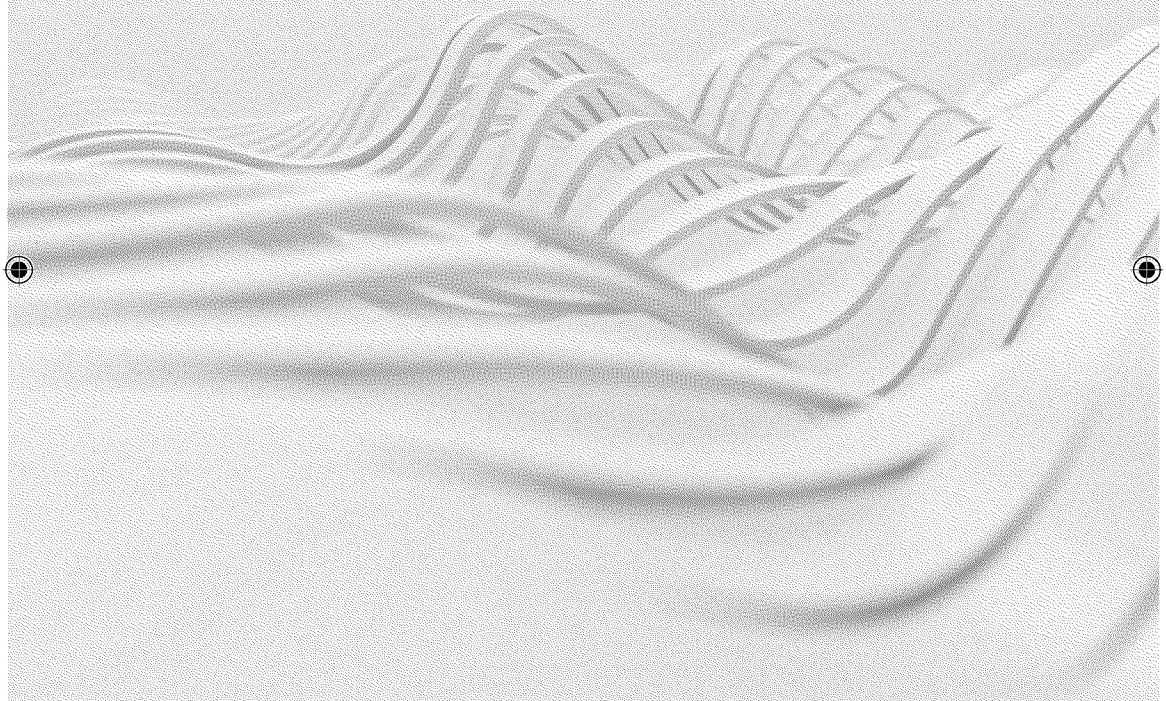

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PROJECT OBJECTIVE/ACTIVITY	FFY2024	FFY2025	FFY2026	HOURLY RATE	GRANT REQUEST	LEVERAGE
OBJECTIVE 1 - DEVELOP TRAINING/AGENDA ENVIRONMENTAL TECHNICAL CONTENT FOR AFE EVENT						
Activity 1: General coordination, marketing, event management, and planning.	520	520	520	85		132,600
Activity 2: Develop annual event content in collaboration with over 30 existing partnering organizations. Partner time averaging 120 hours/year as in kind organizational contribution based upon estimate hourly rate..	4,120	4,120	4,120	85		1,050,600
Objective 1 - Subtotal	**4,640**	**4,640**	**4,640**		**0**	**1,183,200**
OBJECTIVE 2 - PROVIDE APPLICATION PROCESS FOR FINANCIAL SUPPORT VIA SCHOLARSHIPS FOR EJ IMPACTED COMMUNITIES						
Activity 3: create online application process and provide clear criteria for selection	320	40	40	85	34,000	
Activity 4: process scholarships and verify reimbursement requests	320	260	260	85	71,400	
Objective 2 - Subtotal	**640**	**300**	**300**		**105,400**	
OBJECTIVE 3 – GRANT ADMINISTRATION, REPORTING, MEASUREMENT						
Activity 5: Provide quarterly/mid-year/final reports to EPA	160	160	160	85	13,600	
Activity 6: financial management by staff to include invoicing, billing, recordkeeping, expense reports, staff training	120	120	120	85	10,200	
Objective 3 Subtotal	**280**	**280**	**280**		**23,800**	
Personnel					**129,200**	
Fringe					0	
Travel (mileage, airfare, lodging)*	125,000	125,000	125,000		375,000	
Equipment					0	
Supplies	6,500	6,500	6,500		19,500	45,000
Facility	120,000	120,000	120,000			360,000
Audio/Visual	50,000	50,000	50,000			150,000
Virtual Hosting	60,000	60,000	60,000			180,000
Contractual	55,000	55,000	55,000		0	165,000
Other						
Indirect Costs @10% of personnel					12,920	
				Project Total	**536,620**	**2,083,200**

*TRAVEL BUDGET DETAIL	airfare	registration	hotel	stipend	local transport	anticipated # scholarships
Attend AFE in 2024	750	600	800	250	100	50
Attend AFE in 2025	750	600	800	250	100	50
Attend AFE in 2026	750	600	800	250	100	50
total	375,000					

**SUPPLIES BUDGET DETAIL	cost
laptop and display	4,000
printer	500
software	3,000
cell phone reimbursement monthly @ 125/month	4,500
paper, misc. office supplies	2,500
materials printing/production	5,000
total	**19,500**

Manifest for Grant Application # GRANT13861429

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 25315 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16027 bytes)

2. Form SF424A-V1.0.pdf (size 22955 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40285 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15926 bytes)

5. Form SF424_4_0-V4.0.pdf (size 24012 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37051 bytes)

Attachments Included in Zip File (total 11):

1. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1237-EJCPS Logic Model.pdf application/pdf (size 96428 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1242-Jacquoi Porter Resume.pdf application/pdf (size 131473 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1243-JBritt_Resume_12-2022.pdf application/pdf (size 181613 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1244-Amy Penney 2023.pdf application/pdf (size 63360 bytes)

5. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1235-EJCPS Budget Final.pdf application/pdf (size 42007 bytes)

6. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1236-Budget Narrative and Justification.pdf application/pdf (size 231692 bytes)

7. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-Kurt's Resume 13.pdf application/pdf (size 72940 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-Budget Narrative and Justification.pdf application/pdf (size 231692 bytes)

9. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-Narrative Final.pdf application/pdf (size 364593 bytes)

10. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-AFE 2023 Conference Report.pdf application/pdf (size 10328266 bytes)

11. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-afe-agenda 2023-v2.pdf application/pdf (size 1232852 bytes)

EJCPS Logic Model

Resources/ Inputs	Activities	Outputs	Audience	Short-term Outcomes (6-12 months)	Intermediate Outcomes (12-24 months)	Long-term Outcomes (2+ years)
• Staff time • Leveraged contributions • Volunteers • Partnering Organizations	Activity 1: General coordination, marketing, event management, and planning. Provided as leveraged resource. Activity 2: Develop annual event content in collaboration with over 30 existing partnering organizations. Provided as leverage resource. Activity 3: Create online application process and provide clear criteria for selection. Activity 4: Process scholarships and verify reimbursement requests. Activity 5: Provide quarterly/mid-year/final reports to EPA Activity 6: Financial management by staff to include invoicing, billing, recordkeeping, expense reports, staff training	Leveraging 3 years of the Alaska Forum resources to provide additional participation of 50 community members, elders, and youth per year from disadvantaged/underserved communities impacted by EJ concerns. At least 150 additional participants will engage environmental issues affecting their community to build educational foundation, capacity, and foster implementation of local solutions.	Alaska rural community members, elders, and youth per year from disadvantaged / underserved communities impacted by EJ concerns.	Increase of 50 rural Alaska participants including community members, elders and youth from disadvantaged/underservice communities impacted by EJ concerns. *Change in:* Baseline environmental knowledge Environmental issues awareness Capacity to implement local solutions.	Increase of 100 rural Alaska participants including community members, elders and youth from disadvantaged/underservice communities impacted by EJ concerns. *Change in:* Baseline environmental knowledge Environmental issues awareness Capacity to implement local solutions.	Increase of 150 rural Alaska participants including community members, elders and youth from disadvantaged/underservice communities impacted by EJ concerns. *Change in:* Baseline environmental knowledge Environmental issues awareness Capacity to implement local solutions.

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1234-Budget Narrative.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1247-Workplan.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Kodiak Tribal Food Security and Economic Stability Initiative		$	$	$ 500,000.00	$	$ 500,000.00
2.						
3.						
4.						
5. Totals		$	$	$ 500,000.00	$	$ 500,000.00

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Prescribed by OMB (Circular A -102) Page 1

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) Kodiak Tribal Food Security and Economic Stability Initiative	(2)	(3)	(4)	Total (5)
a. Personnel	$ 200,850.00	$	$	$	$ 200,850.00
b. Fringe Benefits	70,639.00				70,639.00
c. Travel	32,240.00				32,240.00
d. Equipment					
e. Supplies	5,195.00				5,195.00
f. Contractual	54,532.00				54,532.00
g. Construction					
h. Other					
i. Total Direct Charges (sum of 6a-6h)	363,456.00				$ 363,456.00
j. Indirect Charges	136,544.00				$ 136,544.00
k. TOTALS (sum of 6i and 6j)	$ 500,000.00	$	$	$	$ 500,000.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Kodiak Tribal Food Security and Economic Stability Initiative	$ 0.00	$ 0.00	$ 0.00	$ 0.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$ 0.00	$ 0.00	$ 0.00	$ 0.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 500,000.00	$ 125,000.00	$ 125,000.00	$ 125,000.00	$ 125,000.00
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 500,000.00	$ 125,000.00	$ 125,000.00	$ 125,000.00	$ 125,000.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Kodiak Tribal Food Security and Economic Stability Initiative	$	$	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$	$	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: $363,456

22. Indirect Charges: $136,544

23. Remarks: $500,000

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Budget

Personnel	**$200,850**
	Program Manager *Kodiak Regional Capacity Development Coordinator* *Economic and Environmental Development Specialist*
Fringe	**$70,639**
	Program Manager *Kodiak Regional Capacity Development Coordinator* *Economic and Environmental Development Specialist*
Travel	**$32,240**
	Tribal & Partner Participants to Kodiak Food Systems Vulnerability & Economic Stability Workshop *Staff to Villages* *Local Expert to Villages* *Staff To Federal Subsistence Board Meeting* *Staff To One Health Meeting*
Supplies	**$5,195**
	Workshop Supplies *Workshop Refreshments* *Report Booklet Supplies* *Community Outreach & Mini Workshop Supplies* *Canva Subscription*
Contractual	**$54,532**
	Local Subsistence Expert *Alutiiq Museum* *Kodiak Archipelago Leadership Institute* *ADF&G Longitudinal Assessment on Subsistence Data*
Direct	**$363,456**
Indirect	**$136,544**
Total Request	**$500,000**

Budget Narrative

Personnel

Project Manager. For this specific project, the Project Manager oversees other program staff and provides project direction. Generally, the Project Manager is responsible for the management,

coordination, development, and implementation of economic and environmental development projects and programs deemed necessary to foster community and tribal economic development and environmental response. They coordinate with and manage projects in conjunction with other department coordinators, supervisors and managers, liaisons with necessary agencies, outside partners, and contractors to facilitate project or program success. The Project Manager identifies and defines project scope, resource needs, tracking mechanisms, implementation or business models, and desired outcomes. Oversees and manages applicable grants and grant staff related to economic development, including Tribal operations when necessary. Lastly, the Project Manager assists Village Governments in identifying Economic Development needs and priorities in response to the climate crisis. In overseeing the Kodiak Food Systems Vulnerability Assessment, the Project Manager will develop a strategic view of the assessment and ensure other staff remains on track with delineated objectives, milestones, deliverables, and measures of success. 7.5 hours/week x $55/hour x 104 weeks (project period) = **$42,900 to fund the Project Manager under this project.**

Kodiak Regional Capacity Development Coordinator. This individual will provide grant seeking, writing, and management support for Tribes. Additionally, they will work diligently to aid in capacity building efforts, as regard economic development and environmental justice projects. 26.25 hours/week x $27/hour x 104 weeks = **$73,710**.

Environmental and Economic Development Specialist. The Environmental and Economic Development Specialist manages all aspects of the project, in developing the Kodiak Food Systems Vulnerability Assessment. The Environmental and Economic Development Specialist works closely with the Environmental Coordinator and Project Manager to ensure all project tasks and objectives are met. They also work alongside the Project Manager to serve as a liaison between necessary agencies, outside partners, and contractors to facilitate project or program success. They assist in handling projects to ensure scope, resource needs, tracking mechanisms, implementation or business models, and desired outcomes are documented and in compliance with funder requirements. Under this project, the Environmental and Economic Development Specialist will attend a workshop, conference or training focused on climate change and adaptation in Alaska or another rural location that faces similar issues to coastal Alaska. They will attend this to gain skills and knowledge about food security, building resiliency, and vulnerability assessments. They will compile what was learned and discussed and include a report in the Kodiak Food Systems Vulnerability Assessment. 30 hours/week x $27/hour x 104 weeks = **$84,240 to fund the Environmental and Economic Development Specialist under this project.**

Personnel costs total $200,850

Fringe

KANA's fringe benefits include: FICA (7.65%), Employee selected health insurance (variable depending on the level of coverage selected), Workers' Compensation (variable depending on position), Unemployment Insurance Employer Paid Life Insurance (variable depending on employee age), Employer Paid Disability Insurance (part of life insurance benefit), Employer Paid Retirement (7%), Discretionary Leave (3%), and Holidays. Fringe expenses requested are both reasonable and customary for the State of Alaska. A significant portion of the fringe

benefits supports employee-selected health insurance which includes medical, dental, and vision. Fringe is calculated at 35.17% for each of the aforementioned positions. $200,850 x 35.17% = $70,639

Fringe costs total $70,639

Travel

Tribal & Partner Participants to Kodiak Food Systems Vulnerability & Economic Stability Workshop

In year one of the proposed project, KANA will host a Food Systems Vulnerability and Economic Stability Workshop. On day one of the workshop, Alaska Sea Grant will guide the discussion and provide expertise in talks with local Tribes. This facet of the workshop will also be supported by the Kodiak Food Cooperative, as they offer additional knowledge of subsistence resources and locally-grown foods. Day two of the workshop, however, will consist of a grants symposium that will advance Tribes' understandings of how to pursue and execute supportive, culturally-conscious funding opportunities. Through this symposium, we aim to help Tribes grow grant revenues, build and maintain thriving communities, and constitute their own success.

Airfare: $300 roundtrip airfare from village to Kodiak x 15 participants = $4,500
Per Diem: $65/day x 3 days x 15 participants = $2,925
Lodging: $200/night x 4 nights x 15 participants = $12,000

Total: $19,425

Village Travel for Staff

These funds will support sending KANA staff to villages for the gathering of needs assessment and grant support-related information, as well as provide relevant technical assistance.

Airfare: $300 x 2 staff x 6 village trips = $3,600
Per Diem: $45 x 2 days x 2 staff x 6 village trips = $1,080

Total: $4,680

Local Expert to Villages

Local Expert, Gayla Pederson, will collaborate and assist KANA with providing and gathering local Traditional Ecological knowledge based on my experience and interviews with others. She will also assist with creating educational content about harvesting and processing subsistence foods from Kodiak.

Airfare: $300 x 1 x 6 village trips = $1,800
Per Diem: $45 x 2 days x 6 village trips = $540

Total: $2,340

Federal Subsistence Board Meeting

Travel to and from the Federal Subsistence Board Meeting in Anchorage by the new hires under this project is supported by this line item. The Federal Subsistence Board is the decision-making body that oversees the Federal Subsistence Management Program. It is made up of the regional directors of the U.S. Fish and Wildlife Service, National Park Service, Bureau of Land Management, Bureau of Indian Affairs, the U.S. Forest Service, and there are three public members appointed by the Secretaries of the Interior and Agriculture: two represent rural subsistence users and one is the Federal Subsistence Board chairman. The Secretaries have delegated the authority to manage fish and wildlife for subsistence uses on Federal public lands and waters in Alaska to the Federal Subsistence Board. Staff will attend their meeting in order to express and receive relevant information.

Airfare: $300 roundtrip airfare from Kodiak to Anchorage x 2 staff = $700
Per Diem: $65/day x 2 days x 2 staff = $260
Lodging: $200/night x 2 nights x 2 staff = $800

Total: $1,760

One Health Meeting

Three KANA staff will attend the One Health meeting in Fairbanks at the following cost. At the meeting, hosted by the University of Alaska Fairbanks, we will engage in dynamic conversations and networking opportunities through hands-on workshops, individual/panel presentations, posters, and plenary sessions. This is expected to be the largest circumpolar One Health conference held in the United States in 2023, with participation anticipated from across the Arctic region.

Airfare: $550 roundtrip airfare from Kodiak to Fairbanks x 3 staff = $1,650
Per Diem: $65/day x 3 days x 3 staff = $585
Lodging: $200/night x 3 nights x 3 staff = $1,800

Total: $4,035

Travel costs total $32,240

Supplies

Workshop Supplies. Supplies for our workshop will include items such as eco-friendly binders, notebooks, and handouts. The estimated cost for this is $800

Workshop Refreshments. Refreshments for our workshop such as coffee, light snacks, and eco-friendly cups and utensils, will be necessary. These items are estimated to cost $800.

Report Booklet Supplies. $5/booklet x $75 = $375.

Community Outreach & Mini Workshop Supplies. The supplies under this line item will support village workshops, the co-op and camp events. We are budgeting $300/event for relevant supplies and estimate about ten events, totaling $3,000.

Canva Subscription. $110/year for two years = $220

Supplies costs total $5,195

Contractual

Local Subsistence Expert. A Local Subsistence Expert will be hired under this project to assist with relevant outreach, education, and traditional sharing of knowledge. While exact details are still being sorted out, this is estimated to cost the grant and project $14,440.

Alutiiq Museum. The Alutiiq Museum and our organization will collaborate on outreach, archiving materials, and creating an agriculture education box—activities that are anticipated to cost $10,591.

Kodiak Archipelago Leadership Institute. Under this project, KALI is committing to assisting KANA in conducting relevant surveys and outreach, at a cost of $95/hour, for an estimated need of 90 support hours. $95/hour x 90 hours = $8,850

ADF&G Longitudinal Assessment on Subsistence Data. Under this project, the Alaska Department of Fish and Game, Division of Subsistence, will conduct a Subsistence Survey to quantify the use of subsistence foods on the island. The data is used to inform education and policy. However, no longitudinal assessments of the data have been done. If funded, in Year 2, the Alaska Department of Fish and Game, Division of Subsistence, will analyze five decades of existing subsistence harvest and use data from the Kodiak communities and Kodiak City, helping us translate important and notable trends. Following similar work conducted on communities in Prince William Sound (http://www.adfg.alaska.gov/techpap/TP471.pdf), this household-level analysis will focus on trends in key subsistence species, and changes in resource use patterns. The Division will produce tables, figures, and interpretive text from these analyses, The Division will work closely with KANA staff to produce clear and digestible data summaries that can be distributed to tribal members and other members of the public. These data will help inform future research and regulatory decisions. This will cost an estimated $20,771.

Contractual costs total $54,532

Direct costs total $363,456

Indirect

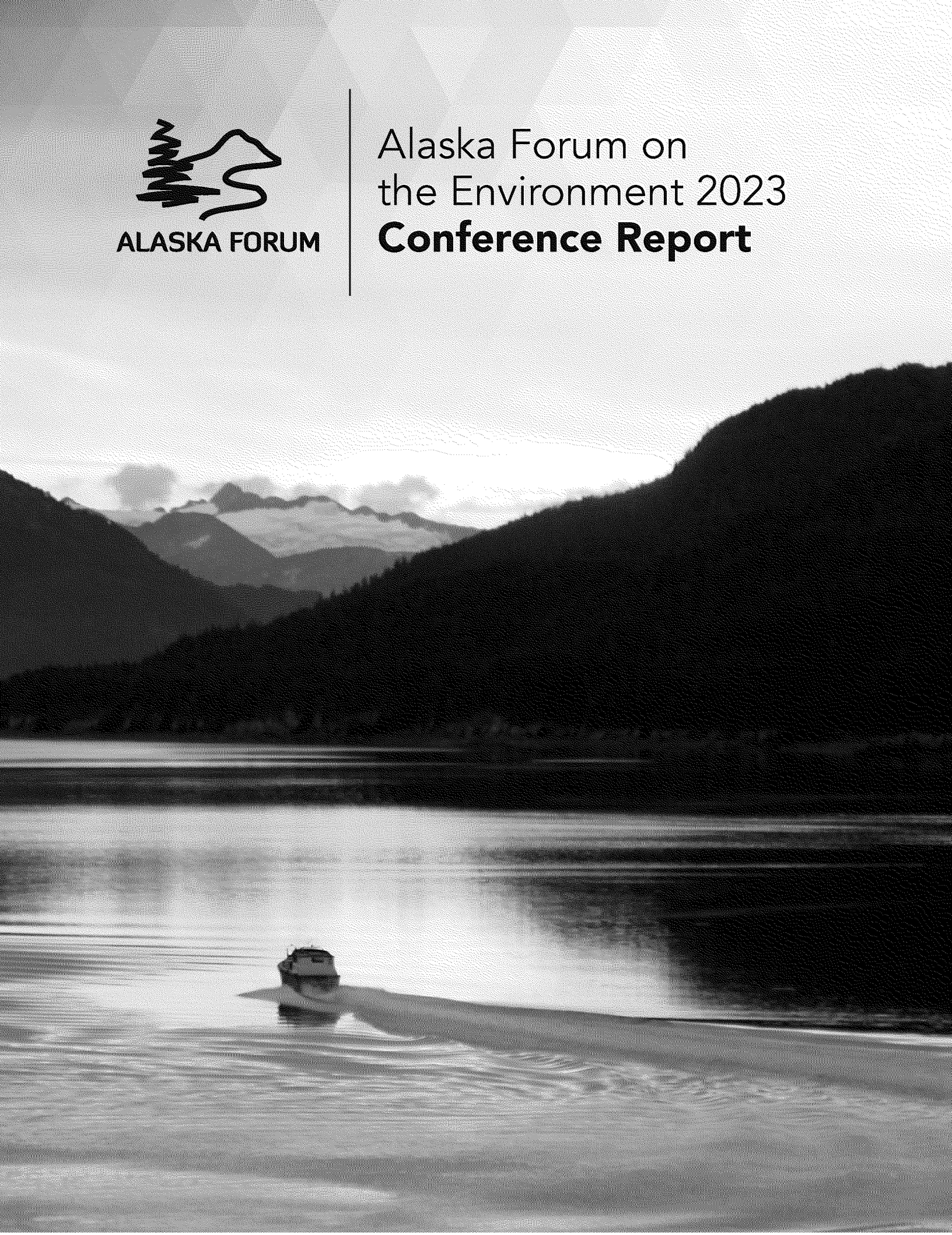
44.2%. KANA's Federally Negotiated Indirect Cost Rate Agreement warrants a 44.2% rate for indirect costs affiliated with this project. As the EPA does not allow for indirect to be charged to contractual items, this rate will be calculated from full direct costs - contractual costs. $363,456 - $54,532 = $308,924 x .442 = $136,544

Indirect costs total $136,544

TOTAL REQUEST: $500,000

ALASKA FORUM

Alaska Forum on the Environment 2023 **Conference Report**



ED_016126_00000431-00001

Summary

2023

In February 2023, the Alaska Forum on the Environment (AFE) conference celebrated its 25th year by hosting an in-person event, the first time since 2020 and the Covid-19 pandemic. Registration options were offered for both in-person and virtual attendees. As an organization, we were eager to be able to gather in-person again for this conference after two years of virtual events, and it was evident our attendees were too, with AFE 2023 setting a record of over 1200 people registered for the event. Of the more than 1200 attendees registered, 80% of attendees opted to attend in-person.

AFE 2023 saw recording setting attendance, as well as enhancements throughout the conference. Some new features at AFE included;

- Going more paperless with an easy-to-use mobile app and agenda
- Quick and efficient check in with iPads and onsite name badge printers
- A commemorative AFE 25th anniversary mug for all attendees
- Virtual Attendee Hub access for both in-person and virtual attendees
- A fun Wednesday night networking event in the exhibitor hall
- And so much more!

With help from our generous partners, including Knik Tribe, AFE was able to live stream or record every in-person technical session, making all 65+ sessions available in AFE's Virtual Attendee Hub for all attendees to watch live or post-event. AFE will continue with the year-round training model that was developed in 2021 by hosting bi-weekly virtual technical sessions throughout the remainder of the 2023, available to all registered attendees. All session recordings are also available through the end of the year in the Virtual Attendee Hub.

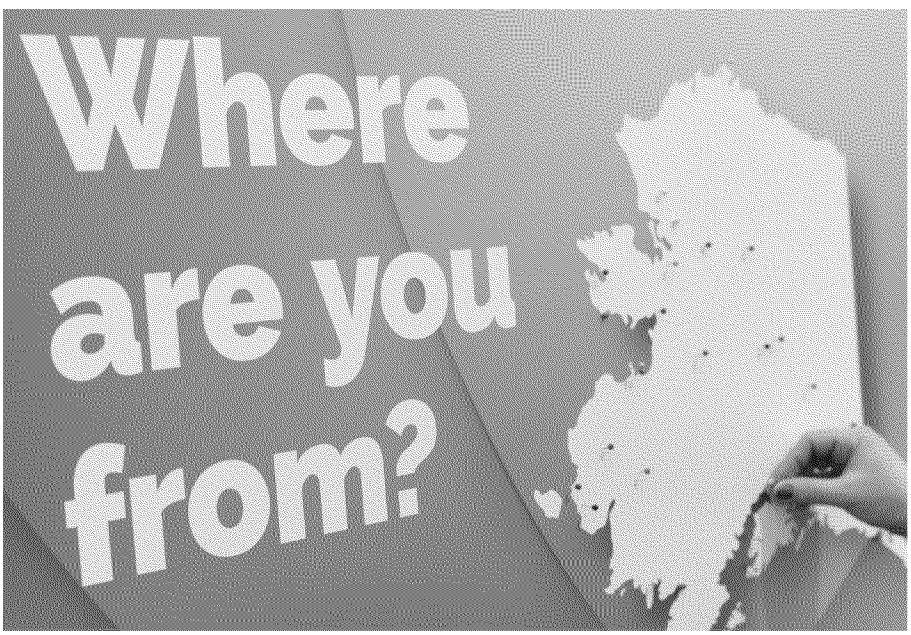
The Alaska Forum, the nonprofit organization that hosts the Alaska Forum on the Environment Conference, has a goal to cover the costs of the event through registrations, exhibitor's booth sales, and sponsorships/partners. We are happy to report that even with the increase of costs in nearly all categories and adding in the virtual event option, AFE was able to break even, covering all costs associated with the event.










Where
are you
from?



See Alaska Forum on the Environment 2023 by the Numbers

Numbers as of Feb. 28, 2023

1,220 REGISTERED ATTENDEES

All Access Pass	496
Virtual Access Pass	243
Presenters & Moderators	125
Students	77
Two Day AFE Pass	75
Exhibitors	56
Exhibitor Staff	148

ORGANIZATION TYPES REPRESENTED AT AFE

Business For-Profit	157
Business Non-Profit	80
Federal Government	134
Tribal or Local Government	240
State Government	190
Military	25
Educational Institution	53
Other	32

(not all attendees answered this question so the numbers above don't add up directly to match the 1220 attendees)

208 Attendees
used EPA IGAP Grant Funds to attend

125 of the 229
Federally recognized tribes attended AFE
Of that, 20 of those tribes sent 3 or more representatives

7 of the 12
ANC Regional Non-Profit Associations attended
The ANC Village Corporation attendance was low, with only 6 of the over 180 corporations represented

Over **50%**
of attendees listed their address as outside of Anchorage

6 of the 12 active ANSCA Corporations
were represented at AFE by either their parent corporation or a subsidiary
Most notably,
ASRC sent 8 attendees
Calista Corporation sent 9 attendees

8 Partners/Sponsors

- Knik Tribe
- ConocoPhillips Alaska
- Jacobs
- Alaska Department of Environmental Conservation
- Oil Spill Recovery Institute
- US Forest Service
- AECOM
- US Ecology, a Republic Service Company

6 Keynote events

- AFE Celebrates 25 Years - Looking Back and Looking Forward
- UIC President and CEO Pearl Brower
- The Future of Broadband Service in Rural Alaska Panel Discussion
- Jason Brune, Commissioner of the State of Alaska Department of Environmental Conservation
- Indigenous Waters: Learning from Elders in a Qasriq, a talk led by Elder Patricia Cochran
- EPA Region 10 Administrator Casey Sixkiller

67 Technical sessions and one film festival session

- Most attended technical session in-person and virtually - Eliminating PFAS in Soil? It Can Be Done!
- Most attended Keynote event in-person and virtually - Jason Brune, Commissioner of the State of Alaska Department of Environmental Conservation



Native Village of Kipnuk receives their Green Star Communities Award

AFE 2023 Planning Committee Members

Jeanette Alas, Alaska Department of Fish & Game

Erika Ammann, NOAA Fisheries

Kendra Calhoun, University of Alaska Fairbanks

Jacqueline Chandler, Forest Service

Grace Cochon, US Department of the Interior

Rebecca Colvin, Alaska Department of Environmental Conservation

Erin Cooper, US Forest Service

Bridget Corkus, US Fish and Wildlife Service

Karen Coulter, Department of Defense/Air Force

Nancy Fresco, University of Alaska Fairbanks

Santina Gay, EPA

Eric Goddard, UAF Bristol Bay Campus

Keith Guyer, Kuna Engineering

Doug Huntman, Delta Backhaul Company

Meg Kohler, Alaska Department of Environmental Conservation

Chantelle Lewis-Boutte, Chugach Electric

Bob Loeffler, University of Alaska Anchorage

Megan Marie, Alaska Department of Fish & Game

Ben Martich, Geosyntec Consultants

Rachel Mills, Alaska Department of Environmental Conservation

Jessie Moan, US Forest Service

Peter Murphy, NOAA Marine Debris Program

Allison Payne, AECOM

Maia Draper-Reich, Prince William Sound Citizens' Advisory Council

Kathy Shea, Alaska Department of Environmental Conservation

Katura Willingham, Jacobs

Kelly Rawalt, Alaska Department of Environmental Conservation

AFE Training Takes Place All-Year Long!

During the Covid-19 Pandemic, AFE was forced to pivot to a virtual only training. Thanks to our partnership with Knik Tribe, we created the Alaska Connect online training platform which hosted AFE 2021, AFE 2022 and weekly technical trainings throughout each year.

The online training platform that we developed also allowed for AFE to continue environmental trainings throughout the year, as well as showcasing all session recordings all-year long. Even though we're able to host in-person events again, the year-round virtual training platform remains, adding value to AFE attendees throughout the year.

AFE energizes attendees. We are excited to continue to host virtual bi-weekly technical training sessions to keep up the momentum all year long. And provide access to recorded sessions from AFE 2023 through the end of the year for all attendees! As happy as we are to be back in-person, the virtual training platform is an added benefit for everyone.

AFE 2023 Exhibitors

Alaska Teen Media Institute

Triverus Cleaning & Environmental Solutions LLC

Energy Laboratories Inc.

North Pacific Research Board

UIC Bowhead Transport LLC

Alaska Institute for Justice

US HUD - Office of Lead Hazardous Control and Healthy Homes (OLHCHH)

Support Vessels of Alaska, Inc.

Department of Energy, Office of Legacy Management

Brice Engineering, LLC

US Ecology Alaska LLC a Republic Services Company

Prince William Sound Regional Citizens' Advisory Council

University of Alaska Fairbanks

Alaska Pacific University

Throwe-Environmental

Environmental Management Inc. (EMI)

ALS-Kelso Laboratory

Tribal Technical Assistance to Brownfields (Tribal TAB)

University of Alaska Fairbanks Institute of Agriculture, Natural Resources and Extension

UAF Bristol Bay Campus

TTT Environmental, LLC

US Bureau of Ocean Energy Management

Northern Alaska Environmental Center

Denali Commission

Center for Creative Land Recycling

Woodwell Climate Research Center

SGS North America, Inc.

AFE Headshot Photobooth

EA Engineering, Science, and Technology, Inc., PBC

AECOM

US Navy (c/o ManTech International)

Alaska Ocean Observing System

International Arctic Research Center, UAF

Delta Backhaul Company

National Park Service

Jacobs

Eurofins

NOAA Fisheries/Alaska Fisheries Science Center

Earthjustice

Summit Consulting Services, Inc.

JOA SURVEYS LLC

Zender Environmental Health and Research Group

Department of Military and Veterans Affairs

Native American Fish and Wildlife Society

Sustainable Solid Waste Solutions

US Army Corps of Engineers

Keres Consulting on behalf of DoD

Minn-Alaska Transport

Alaska Conservation Foundation

Alaska Pacific University

Region 10 Tribal Operations Committee Consortium

Alaska Pacific University - Navigating the New Arctic Community Office

Alaska Minerals, Inc.

DOWL

ASRC Energy Services

Metiri Group

Alaska Native Tribal Health Consortium

Special Thanks

Alaska Department of Fish and Game
National Oceanic and Atmospheric Administration
University of Alaska Fairbanks
US Forest Service
US Fish and Wildlife
US Department of the Interior
Alaska Department of Environmental Conservation
Denali Borough School District
Environmental Protection Agency
University of Alaska Fairbanks Bristol Bay Campus

Kuna Engineering
Delta Backhaul Company
Chugach Electric
University of Alaska Anchorage
Alaska Pacific University
Geosyntec Consultants
AECOM
United States Air Force Defense Logistics Agency
Prince William Sound Regional Citizens' Advisory Council
Jacobs

ADEC Solid Waste Program
ADF&G Habitat Section
AECOM
Alaska Arctic Observatory
Alaska Association of Village Council Presidents (AVCP)
Alaska Center for Appropriate Technology
Alaska Department of Environmental Conservation
Alaska Department of Fish and Game
Alaska Department of Natural Resources
Alaska Dept. of Transportation & Public Facilities
Alaska Division of Forestry & Fire Protection
Alaska Earth Sciences
Alaska Energy Authority
Alaska Fisheries Development Foundation
Alaska Geospatial Office
Alaska Mariculture Alliance
Alaska Pacific University
Alaska Sea Grant
Aleut Community of St. Paul Island
Alien Species Control, LLC
Allen University
ANTHC
Aquagga
Arctic Eider Society - Siku
ASRC Energy
Brice Engineering
Bureau of Indian Affairs
CCLR
Center for Alaskan Coastal Studies
Citizens Climate Lobby
Defenders of Wildlife
Delta Backhaul Company
Department of Energy
Department of Air Force
Eurofins Scientific
Geosyntec Consultants
GeoTek Alaska
Glosten
Gulf Alaska Keeper
HDR, Inc.
Intrinsyx Environmental
Jacobs
Knik Tribe
KSU Tribal TAB
Kuna Engineering
Launch Alaska
Medical University of South Carolina
Municipality of Anchorage, Solid Waste Services
NANA
National Environmental Justice Conference, Inc.
National Marine Fisheries Service
National Nature Assessment, USGCRP
National Oceanic and Atmospheric Administration
National Park Service
National Renewable Energy Laboratory (NREL)
Native Village of Unalakleet
NOAA Fisheries Alaska Region
NOAA Marine Debris Program
North Pacific Research Board
Norton Sound Economic Development Corporation
NWS Alaska-Pacific River Forecast Center
Ocean Conservancy
Ocean Plastics Recovery
Ounalashka Corporation and Chena Power, LLC
Polar Sciences, OSTP
Prince William Sound Regional Citizens' Advisory Council
Renewable Energy Alaska Project (REAP)
Rural Alaska Community Action Program
Sagebrush Hill Group, LLC
Stantec
State of Alaska Department of Military and Veterans Affairs
Two Bears Environmental Consulting, LLC
U.S. Fish and Wildlife Service
University of Alaska Anchorage
University of Alaska Fairbanks
University of Texas at El Paso
University of Washington
US Air Force
US Army Corps of Engineers, FUDS Program
US Coast Guard
US Department of the Interior
US DOI
US EPA
US Fish and Wildlife Service
US Forest Service
US Navy
Williams College
Woodwell Climate Research Center
Yukon River Inter-Tribal Watershed Council

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Richard Porter (Tlingit/Inupiaq)
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Knik Tribal Council

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Patricia Cochran (Inupiaq)
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Therese M. Deardorff
Community Representative

Victoria Demmert (Tlingit)
Yakutat Tribal Council

Kurt A. Eilo
Alaska Forum, Inc.

Megan Kohler
Community Representative

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Ecology and Environment (retired)

Alan Quesnel
US Air Force (retired)

Win Westervelt
JACOBS

Alaska Forum Staff and Board with EPA Region 10 Employees while Promoting the EPA Brownfields Training Grant.



Alaska Forum Staff

Kurt Eilo
Executive Director

Amy Penney
Deputy Director

Jacquoi Porter
Finance Director

Joy Britt
Environmental Programs Director


ALASKA FORUM
akforum.org
Alaska's National Parks
ALASKA FORUM

PO Box 8110, Kodiak, AK 99615
info@kodiakharvest.org

KODIAK HARVEST FOOD CO-OP

U.S. Environmental Protection Agency
Attn: Jacob Burney
Office of Environmental Justice and External Civil Rights
1200 Pennsylvania Avenue, NW
Washington, DC 20460

April 5, 2023

RE: Letter of Commitment for Kodiak Area Native Association to the FY23 Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program Application

Dear Mr. Burney,

The Kodiak Harvest Food Cooperative (KHFC), operating in Kodiak, Alaska, is submitting this letter of Commitment to support its FY23 Environmental Justice Grant proposal, *Kodiak Tribal Food Security and Economic Stability Initiative.*

KHFC's Mission is to "Provide Kodiak communities with quality food choices that are locally sourced, economically sustainable, and environmentally responsible while promoting education and engagement." As of this date, we have 620 members and operate an 1800 square foot retail operations, selling organic produce, Alaska Grown produce, a wide selection of Alaskan value-added food products, and an array of additional food items.

The food available in the local grocery store is limited, is high cost, and often of low inventory. Living in the village communities, which are only further accessible by boat or plane, offer even more significant costs and burdens for food. The main source of local food in Alaska is subsistence gathering. Locally grown and harvested foods are a significant component of regional food security. Understanding how important foods that are grown and harvested on the Island will be impacted by climate change is not only important to food security in the region but the nutritional, cultural, economic and spiritual well-being of Kodiak Tribes. KHFC supports the need for dependable subsistence and locally grown food access and exploration of climate change impacts so we can ensure reliable and available food sources into the future. KHFC is committing to the project as follows:

Support for staff time and our retail storefront space to collaborate with KANA to participate in the workshops and events that are components of the proposed project and identify important subsistence resources and locally grown foods. The co-op will also work with KANA and Kodiak Tribes to host educational events in our space on local food growing, processing, and preservation methods.

PO Box 8110, Kodiak, AK 99615
info@kodiakharvest.org

KODIAK HARVEST FOOD CO-OP

KHFC will benefit from the project through information gathered from the Food System Vulnerability Assessment and the results from the hoop house inventory and utilization analysis to assess our inventory offerings, better work with our local agricultural producers to understand the impacts of climate change on growing conditions, and better address food security issues in our region.

Thank you for considering our FY23 Environmental Justice Grant Proposal.

Respectfully,



Stephanie Mason, KHFC Chair

Resources/ Inputs	Activities	Outputs	Audience	Short-Term Outcomes (6-12 months)	Intermediate Outcomes (1-2 years)	Long-Term Outcomes (2+ years)
Staff time Partnerships Grant and financial support Contractors Local experts Volunteers	Create steering committee Conduct survey and outreach in order to gather actionable information for the needs assessment Assess climate change impacts on food Engage with harvesters and growers Hire Kodiak Regional Capacity Development Coordinator	The Kodiak Food Systems Vulnerability Assessment (KFSVA): a vulnerability assessment on both subsistence and locally grown food in Kodiak Improve economic opportunity and stability in the region. Increased partnerships with Tribal, local, state and regional entities	Alaska Native populations of Kodiak Island: city of Kodiak, and seven outlying Alaska Native Villages of Akhiok, Karluk, Larsen Bay, Old Harbor, Ouzinkie, Chiniak, and Port Lions	Increase number of residents in the Kodiak Archipelago who have access to reliable food systems, technical support, economic resources, grants-seeking knowledge–healthy and productive environments Increase stakeholder engagement Increased data development and sharing through participant and community observations on the EJSCREEN tool and LEO network. Bring resources to Tribes and municipalities to address needed infrastructure improvement, food security, environmental challenges, climate change adaptation and economic development	Increase sustainable funding for subsistence, environmental justice, and relevant programs Increase the health of local environments and therefore communities, proffering healthier individuals and wildlife Support programmatic and reporting functions on successfully funded projects Economic Assessment for program capacity within Tribes and municipalities that can be utilized to fill gaps and create long term solutions.	Improve the health and vitality of our environment via local subsistence and food systems and therefore the health of the Alaska Native population on Kodiak island Decrease health disparities Increased continuity of environment-human health-wildlife health and justice systems Increased capacity within Tribes and municipalities to assume funding procurement, programmatic and reporting functions internally.

U.S. Environmental Protection Agency
Attn: Jacob Burney
Office of Environmental Justice and External Civil Rights
1200 Pennsylvania Avenue, NW
Washington, DC 20460

April 3, 2023

RE: Letter of Commitment for Kodiak Area Native Association (KANA) to the FY23 Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program Application

Dear Mr. Burney,

For many years Sun'aq Tribe of Kodiak has actively participated in advocating for the protection and sustainable management of subsistence resources. Therefore, we are pleased to provide this letter of Commitment for the FY23 Environmental Justice Grant proposal, *Kodiak Tribal Food Security and Economic Stability Initiative.*

The Alutiiq people were the original stewards of the lands, waters, and resources of the Kodiak Archipelago before the arrival of the Russians, the Americans, and the creation of the State of Alaska. With nearly 2,000 members, Sun'aq represents the largest Native community in the western Gulf of Alaska. A central focus of our Tribe is to safeguard and enhance the lands, waters and natural resources that sustained our ancestors – and to this day continue to sustain our people and the communities of Kodiak who all rely on the same resources for economic support, subsistence opportunities, and cultural identity.

The Buskin Watershed has consistently supported one of the largest sockeye salmon returns along the Kodiak Road System, as well as being per-capita the most important subsistence sockeye fishery in the entire area represented by the Kodiak / Aleutians Subsistence Regional Advisory Council. Therefore, creating support for evaluations of the potential impacts caused by climate change to subsistence food resources is of critical importance for our Tribes. This proposal perfectly aligns with the natural resource stewardship and conservation values of Sun'aq Tribe of Kodiak, and its successful award will be of immense benefit to Kodiak's Tribes, our Tribal Members, and all others who similarly rely on the health and vitality of our food resources.

The Sun'aq Tribe of Kodiak is committing to the project as follows:

Collaboration with Kodiak Area Native Association (KANA) and Alaska Department of Fish and Game to access and review their Kodiak Tribes Seafood Consumption Assessment surveys to develop a more specific survey to help better understand how and where residents source their food and if there are any key species of interest or concern. Additionally, we will work with KANA to host at least one educational and/or outreach event on food security and subsistence harvesting.

Thank you for considering our FY23 Environmental Justice Grant Proposal.

Respectfully,



Daniel J. Smith
Tribal Biologist, Sun'aq Tribe of Kodiak

Manifest for Grant Application # GRANT13861949

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 29700 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16025 bytes)

2. Form SF424A-V1.0.pdf (size 22978 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40287 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15913 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23858 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37434 bytes)

Attachments Included in Zip File (total 14):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1244-Logic Model.pdf application/pdf (size 59803 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1243-Alaska Sea Grant Letter of Commitment.pdf application/pdf (size 553745 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1245-Larsen Bay Letter of Commitment.pdf application/pdf (size 71050 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1242-Sun'aq Tribe of Kodiak Letter of Commitment.pdf application/pdf (size 1159700 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-Native Village of Afognak Letter of Commitment.pdf application/pdf (size 157639 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1246-KANA LOC.pdf application/pdf (size 277529 bytes)

7. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-Kodiak Food Cooperative Letter of Commitment.pdf application/pdf (size 158455 bytes)

8. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1247-Workplan.pdf application/pdf (size 154277 bytes)

9. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-Fish & Game Letter of Commitment.pdf application/pdf (size 363327 bytes)

10. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-Alutiiq Museum Letter of Commitment.pdf application/pdf (size 151632 bytes)

11. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-Grace Ellwanger Resume.pdf application/pdf (size 125395 bytes)

12. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-Tyler Kornelis Resume.pdf application/pdf (size 190918 bytes)

13. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-501c3.pdf application/pdf (size 74979 bytes)

14. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1234-Budget Narrative.pdf application/pdf (size 143118 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1238-2023 EPA Logic Model.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1235-2023 EPA Application Narrative .pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Wildfire Resilience Project for Latinx/e Community in Yakima County	66.306	$	$	$ 498,280.00	$	$ 498,280.00
2.						
3.						
4.						
5. Totals		$	$	$ 498,280.00	$	$ 498,280.00

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Prescribed by OMB (Circular A -102) Page 1

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total
	(1) Wildfire Resilience Project for Latinx/e Community in Yakima County	(2)	(3)	(4)	(5)
a. Personnel	$ 138,000.00	$	$	$	$ 138,000.00
b. Fringe Benefits	27,600.00				27,600.00
c. Travel	1,560.00				1,560.00
d. Equipment	0.00				0.00
e. Supplies	28,000.00				28,000.00
f. Contractual	100,000.00				100,000.00
g. Construction	0.00				0.00
h. Other	170,000.00				170,000.00
i. Total Direct Charges (sum of 6a-6h)	465,160.00				$ 465,160.00
j. Indirect Charges	33,120.00				$ 33,120.00
k. TOTALS (sum of 6i and 6j)	$ 498,280.00	$	$	$	$ 498,280.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Wildfire Resilience Project for Latinx/e Community in Yakima County	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 249,140.00	$ 59,285.00	$ 61,285.00	$ 64,285.00	$ 64,285.00
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 249,140.00	$ 59,285.00	$ 61,285.00	$ 64,285.00	$ 64,285.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Wildfire Resilience Project for Latinx/e Community in Yakima County	$ 249,140.00	$ 249,140.00	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 249,140.00	$ 249,140.00	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges:

23. Remarks:

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Resources / Inputs	Activities	Outputs	Audience	Short-Term Outcomes (6-12 months)	Intermediate Outcomes (12-24 months)	Long-Term Outcomes (2+ years)
❖ Staff time (Project manager and Outreach coordinator) ❖ Partnerships (Nonprofit, government) ❖ Outreach material (phones, tables, print outs, online forms, tech tools) ❖ Education Materials (developed, translated, in progress of developing) ❖ Volunteers ❖ Media relationships (2 radio stations in Yakima, Granger)	❖ Hold meetings with local and state partners to build capacity and align priorities ❖ Conduct phone-banking to outreach and register local Spanish-speaking communities in our Climate Innovation Lab (CIL) program ❖ Host trainings ❖ Create Spanish communications and educational materials for community members (digital and traditional media) on fire resilience and adaptation - consult with government agencies on existing material and effectiveness ❖ Coordinate and facilitate partnership meetings (one on	❖ 4 Wildfire Resilience Trainings ❖ Creation of 1 active leadership cohorts taking actions ❖ A total of 1,000 calls made to inform community members on wildfire adaptation, air quality and the CIL program ❖ 100 Latinx leaders trained on fire adaptation and advocacy ❖ (4) toolkits in Spanish on before, during, and after the fire, public health, and emergency preparedness	❖ Latinx Community residents (primarily Spanish-speaking community members in Sunnyside/Yakima/Lower Valley) ❖ Nonprofit partners , ❖ Government agencies ❖ Local and state government	❖ Increase in stakeholders interested in wildfire adaptation and air quality work (nonprofit, educational institutions) Target: 2 (nonprofit and education) ❖ Increase knowledge and leadership of community members within the wildfire space. Target: 200 ❖ Increase community understanding on the importance of wildfire adaptation and increase understanding on community interest and	❖ Increase engagement diversity of stakeholders in wildfire adaptation and air quality work Target: Total four new stake holders (nonprofit and education) ❖ Increase engagement of community members in wildfire adaptation practices ❖ Recommendations on best-practices and methods to engage Latinx communities to local and state coalitions ❖ Implementation of a proclamation at a local level to advance wildfire	❖ A more diverse coalition working in wildfire adaptation ❖ Decrease cases of Latinx impacted by wildfire ❖ Development of new ordinances to increase wildfire resilience in local communities ❖ Increased capacity of nonprofit partner(front line organization) to organize and advocate for wildfire adaptation ❖ Increase civic capacity of

❖ Leadership curriculum (online system for people to log in and watch videos)	one phone calls and in person, group meetings) ❖ Set up an online learning platform for CIL program with tutorials for communities ❖ Weekly online support video meetings for CIL members ❖ Weekly meetings/zoom to advance curriculum content and local actions ❖ Outreach educational events in partnership (health fairs, community events, ongoing tabling) ❖ Track evaluation of participant engagement using google forms, individual conversations, and other tech tools ❖ Coordinate community clean up days for community	❖ One online curriculum platform implemented with five modules and over 20 videos on wildfire adaptation ❖ 50 zoom online weekly video meetings to advance curriculum understanding and Q&A ❖ 32/ in-person community meeting to discuss curriculum, and advance local action ❖ A total of 50 outreach events ❖ Four polls to track program efficiency and eight surveys to measure member's retention		approach (target: 1,000 calls) ❖ Increase technological skill of community members. Target 200 individuals ❖ Change of attitudes and perceptions on wildfires and the impacts in communities. Gained understanding on wildfire adaptation and mitigation practices. Target 200 individuals ❖ Change attitudes toward fire adaptation and increase relationships between nonprofits, local, and state government with	adaptation within local communities ❖ Increase community civic participation in wildfire practices ❖ Promote community behavioral change towards fire adaptation ❖ Increase community capacity by strengthening relations between members. Total of 200 participants ❖ Increase partnership among diverse groups: nonprofit, local and state governments and local community groups. Target: Ten partnerships ❖ Increase understanding from local and state government on community concerns and	frontline communities to advocate for healthy cities

	members to clean out trash, clear debris from homes, and learn about wildfire preparedness ❖ Plan and organize meetings for community members to share their stories, interests, and concerns with government agencies, health district, and elected officials	❖ Three legislative visits with a total of 500 people		community members ❖ Increase understanding on program effectiveness and best communication platform when reaching Latinx communities	challenges on building more resilient communities	

Latino Community Fund - Wildfire Resiliency Project for Latinx/e Community in Yakima - Logic Model

Resources / Inputs	Activities	Outputs	Audience	Short-Term Outcomes (6-12 months)	Intermediate Outcomes (12-24 months)	Long-Term Outcomes (2+ years)
❖ Staff time (Project manager and Outreach coordinator) ❖ Partnerships (Nonprofit, government) ❖ Outreach material (phones, tables, print outs, online forms, tech tools) ❖ Education Materials (developed, translated, in progress of developing) ❖ Volunteers ❖ Media relationships (2 radio stations in Yakima, Granger)	❖ Hold meetings with local and state partners to build capacity and align priorities ❖ Conduct phone-banking to outreach and register local Spanish-speaking communities in our Climate Innovation Lab (CIL) program ❖ Host trainings ❖ Create Spanish communications and educational materials for community members (digital and traditional media) on fire resilience and adaptation - consult with government agencies on existing material and effectiveness ❖ Coordinate and facilitate partnership meetings (one on	❖ 4 Wildfire Resilience Trainings ❖ Creation of 1 active leadership cohorts taking actions ❖ A total of 1,000 calls made to inform community members on wildfire adaptation, air quality and the CIL program ❖ 100 Latinx leaders trained on fire adaptation and advocacy ❖ (4) toolkits in Spanish on before, during, and after the fire, public health, and emergency preparedness	❖ Latinx Community residents (primarily Spanish-speaking community members in Sunnyside/Yakima/Lower Valley) ❖ Nonprofit partners , ❖ Government agencies ❖ Local and state government	❖ Increase in stakeholders interested in wildfire adaptation and air quality work (nonprofit, educational institutions) Target: 2 (nonprofit and education) ❖ Increase knowledge and leadership of community members within the wildfire space. Target: 200 ❖ Increase community understanding on the importance of wildfire adaptation and increase understanding on community interest and	❖ Increase engagement diversity of stakeholders in wildfire adaptation and air quality work Target: Total four new stake holders (nonprofit and education) ❖ Increase engagement of community members in wildfire adaptation practices ❖ Recommendations on best-practices and methods to engage Latinx communities to local and state coalitions ❖ Implementation of a proclamation at a local level to advance wildfire	❖ A more diverse coalition working in wildfire adaptation ❖ Decrease cases of Latinx impacted by wildfire ❖ Development of new ordinances to increase wildfire resilience in local communities ❖ Increased capacity of nonprofit partner(front line organization) to organize and advocate for wildfire adaptation ❖ Increase civic capacity of

❖ Leadership curriculum (online system for people to log in and watch videos)	one phone calls and in person, group meetings) ❖ Set up an online learning platform for CIL program with tutorials for communities ❖ Weekly online support video meetings for CIL members ❖ Weekly meetings/zoom to advance curriculum content and local actions ❖ Outreach educational events in partnership (health fairs, community events, ongoing tabling) ❖ Track evaluation of participant engagement using google forms, individual conversations, and other tech tools ❖ Coordinate community clean up days for community	❖ One online curriculum platform implemented with five modules and over 20 videos on wildfire adaptation ❖ 50 zoom online weekly video meetings to advance curriculum understanding and Q&A ❖ 32/ in-person community meeting to discuss curriculum, and advance local action ❖ A total of 50 outreach events ❖ Four polls to track program efficiency and eight surveys to measure member's retention		approach (target: 1,000 calls) ❖ Increase technological skill of community members. Target 200 individuals ❖ Change of attitudes and perceptions on wildfires and the impacts in communities. Gained understanding on wildfire adaptation and mitigation practices. Target 200 individuals ❖ Change attitudes toward fire adaptation and increase relationships between nonprofits, local, and state government with	adaptation within local communities ❖ Increase community civic participation in wildfire practices ❖ Promote community behavioral change towards fire adaptation ❖ Increase community capacity by strengthening relations between members. Total of 200 participants ❖ Increase partnership among diverse groups: nonprofit, local and state governments and local community groups. Target: Ten partnerships ❖ Increase understanding from local and state government on community concerns and	frontline communities to advocate for healthy cities

	members to clean out trash, clear debris from homes, and learn about wildfire preparedness ❖ Plan and organize meetings for community members to share their stories, interests, and concerns with government agencies, health district, and elected officials	❖ Three legislative visits with a total of 500 people		community members ❖ Increase understanding on program effectiveness and best communication platform when reaching Latinx communities	challenges on building more resilient communities	

Latino Community Fund - Wildfire Resiliency Project for Latinx/e Community in Yakima - Performance Measurement Plan

Activity 1: Community Outreach

Objectives	Output or Outcome Mesure Description	Target/Goals	Measure Definition	Data Collection Method	Data Collection Frequency	Person(s) Responsible for Collecting Data
By the end of the 2-year project period, LCF and partners have attended 50 community events to share resources	- Number of events and outreach actions taken	50 events	Number of events	Tracked using excel sheets and supplied disseminated	Per quarter	Project Manager
By the end of the 2-year project period, 5,000 Latinx/e community members outreached to at local community outreach events, through social media, radio spots to share wildfire and emergency prepardeness resources, education, and opportunities for engagement	- Number of community members who have received material and created their wildfire preparedeness/emergency plans and kits	5,000 community members	Number of community members	Tracked using data pulled from sign up forms, radio outreach, phone calls received, conversations logged	Per quarter	Project Manager

Activity 2: Engage and Train Latinx/o/a (Limited-English) community members in wildfire preparedness. LCF will work with partners to continue to develop long-term avenues for engagement and partnership to ensure integration of statewide fire resilience group with input and leadership from Latinx/e organization(s).

Objectives	Output or Outcome Mesure Description	Target/Goals	Measure Definition	Data Collection Method	Data Collection Frequency	Person(s) Responsible for Collecting Data
By the end of the 2-year project period, 100 new Latinx/e community members will have been Recruited and Trained in wildfire resilience and preparedeness cohort	- Number of trained community members who have completed series of wdilfire preparedeness training	100 community members	Number of new community members	Tracked using excel sheets, online tracking of curruculum progress, and sign in sheets	Per cohort (weekly)	Project Manager
By the end of the 2-year project period, 100 new Latinx/e community members will have been received resources for creating individual and family wildfire preaprendess kits	- Number of community members who have received material and created their wildfire preparedeness/emergency plans and kits	100 community members	Number of kits assembled and distributed and putinto use	Tracked using excel sheets and supplied disseminated	Per cohort completion (every 6 months)	Project Manager

Activity 3: Community Actions & Outreach

Task	Output or Outcome Mesure Description	Target/Goals	Measure Definition	Data Collection Method	Data Collection Frequency	Person(s) Responsible for Collecting Data
By the end of the 2-year project period, LCF and partners will have hosted 4 community actions, including clean up days, community-led wildfire prepardness presentations, CPR trainings	- Number of community actions recorded with attendance and outcomes (what behaviour changes have occurred)	4 community actions	Number of actions / Tracking of attendance and any behavour changes/new skills gained	Track using event check in forms, surveys, and certification completions, and any media impressions	Per activity	Project Manager and Executive Director (Indiviual parnters track their conversations and share across partnership)

Activity 4: Project Management

Task	Output or Outcome Mesure Description	Target/Goals	Measure Definition	Data Collection Method	Data Collection Frequency	Person(s) Responsible for Collecting Data
By the end of the 2-year project period, LCF will have coordinated ongoing meetings, check-ins with partners to track project deliverables, share resources, and implement project	- Number of meetings with partners, quality of conversations, resources shared, project alignment and depth of relationships to share information	- At minimum quarterly conversations - Monthly and bi-weekly conversations during project implementation	Number of meetings and types of conversations	Track using excel and also collect resources shared in a report and evaluation	As needed	Project Manager and Executive Director (Indiviual parnters track their conversations and share across partnership)

Activity 5: Evaluation

Task	Output or Outcome Mesure Description	Target/Goals	Measure Definition	Data Collection Method	Data Collection Frequency	Person(s) Responsible for Collecting Data

By the end of the 2-year project period, LCF will develop an evaluation report	- Evaluation Report	Minmum of 1 evaluation report, with cross sharing of successes and lessons learned among parterns on different channels (annual reports, government report backs	Material shared	Track in report	Halfway and Final Report	Project Manager and Executive Director (Indiviual parnters track their conversations and share across partnership)

	Description	Total
Personnel	Project Manager @ $60,000 annual salary 100% of time on project = $120,000 for two years Executive Director supporting @ $90,000 annual salary 10% of time on project = $18,000 for two years	$138,000.00
Fringe Benefits	Project Manager 20% of salary (includes medical, dental, life insurance) = $24,000 for two years Executive Director 20% of salary (includes medical, dental, life insurance) = $3,600 for two years	$27,600.00
Travel	Local mileage for Project Manager for partner meetings and outreach: 30 miles round trip @ $0.65/mi. X 4 meetings/month X 10 months = $1,560 for two years	$1,560.00
Equipment	N/A	$0.00
Supplies	Monthly materials for CIL and outreach – pencils, handouts, notepads, prints @ $20.00/person (total of 100 people per year). Total $4,000 for two years Community local solutions @ $3,000 per local solution. Total $12,000 for two years Emergency Preparendess (wildfire) kits - $1,500 per cohort for 4 cohorts = $12,000 for two years	$28,000.00
Contractual	Facilitation + Training +Media + Communications Contract = $50,000 per year	$100,000.00
Other	Subaward to local community organization @ $80,000/year (meeting logistics, printing cost, AV, capacity building). Total $160,000 for two years Participant Support Costs (stipends for community members attending meetings at $50 per attendee X 100 attendees)	$170,000.00
Sub-Total		**$465,160.00**
Indirect Costs	IDC Rate Agreement of 20% of Salaries and Wages	$33,120.00
Total		**$498,280.00**

14. AREAS AFFECTED BY PROJECT:

Yakima County (lower valley)
Grandview- 98930
Sunnyside- 98944
Outlook- 98938
Granger- 98932
Toppenish- 98948
Wapato- 98951
Buena- 98921
Mabton- 98935
Yakima- 98901
Selah- 98942
Tieton- 98947
Parker- 98939
Prosser- 99350

Manifest for Grant Application # GRANT13862066

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 30047 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16040 bytes)

2. Form SF424A-V1.0.pdf (size 22946 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40287 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15920 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23926 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37410 bytes)

Attachments Included in Zip File (total 15):

1. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1236-2023 LCF Logic Model - EPA.pdf application/pdf (size 68277 bytes)

2. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1237-Performance Measurement Plan - Sheet1 (1).pdf application/pdf (size 58804 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-Letter of Commitment - Nuestra Casa.pdf application/pdf (size 76556 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-2023 EPA Logic Model.pdf application/pdf (size 50836 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1242-DNR 2023 EPA Letter of Support.pdf application/pdf (size 135517 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-2023 EPA Letter of Commitment - Sachamama.pdf application/pdf (size 270660 bytes)

7. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1235-2023 EPA Application Narrative .pdf application/pdf (size 185455 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-2023 EPA Letter of Commitment - Yakima Health District.pdf application/pdf (size 201802 bytes)

9. SF424_4_0 SF424_4_0-1234-2023 EPA Affected Areas .pdf application/pdf (size 38479 bytes)

10. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1245-2023 LCF Logic Model - EPA.pdf application/pdf (size 68277 bytes)

11. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1246-Performance Measurement Plan - Sheet1 (1).pdf application/pdf (size 58804 bytes)

12. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1243-CRISTINA ORTEGA Resume.pdf application/pdf (size 92447 bytes)

13. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1244-Lilliane Ballesteros Resume.pdf application/pdf (size 154168 bytes)

14. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1247-LCF 2023 BUDGET for EJCPS .pdf application/pdf (size 65150 bytes)

15. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1248-Proof of Non-Profit Status (1).pdf application/pdf (size 2380651 bytes)

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

1.0 PROGRAM OBJECTIVES

a. **Project Summary Page** – Recommended one-page summary document **(does count as part of 18-page workplan limit).** Summary includes:

• Project Title Wildfire Resiliency

• Project Location (including community/neighborhood(s), city, state, and zip code) Yakima County

• Applicant Information (name, address, main contact information)
Latino Community Fund of Washington State
Seattle Office : 1225 S Weller St, Suite 410, Seattle, WA 98144
Mailing Address: PO Box 30669, Seattle, WA 98103
Yakima Office: 1106 W. Lincoln Avenue, Suite B, Yakima, WA 98902

• Brief Description of Applicant Organization -- Provide a brief description (100 words or less) of the applicant organization, including its mission and key ongoing projects/activities in which it is involved.
The Latino Community Fund (LCF) cultivates new leaders, supports cultural and community based non-profit organizations, and improves the quality of life for all Washingtonians. LCF was funded by a group of Washington residents of HIspanic/Latino/a/x heritage to address the growing needs of the Latino community.

LCF's approach is to capitalize on the Latino community's best resource, its people, to identify, share and advocate for successful culturally relevant and linguistically appropriate programs and policies that build community resilience for a warming planet.. LCF's projects include our Wildfire Adaptation Leadership Program.

• Are you applying for the Small CBO Set Aside Track for $150,000 projects? (Yes/No) If yes, ensure you submit documentation with your application (such as an employee roster) verifying the number of full-time employees on staff and the associated hours per week and salary/wage details for each full-time employee.
No

• Project Abstract -- Brief description (250 words or less) of the main objective, activities, and outputs/outcomes of the project, including the specific geographic areas of focus.
LCF will provide a bilingual community education, emergency preparedness/awareness through the wildfire leadership and capacity cohorts, will offer technical assistance to train community members and leaders on wildfires and environmental issues with a focus on emergency preparedness in rural communities (Yakima). With this project LCF's will continue to advocate for the well-being of the Latino population in rural/Central WA that gets affected by climate change effects, extreme heat waves, bigger wildfires and other smoke pollution that affects the everyday life of its community members.

• Project Type(s) -- such as training, monitoring, demonstration, small-scale construction, public education
LCF's project involves training, community education, public education, leadership training and local actions.

• Special Considerations - If applicable to your project, which special considerations do you believe your project qualifies for? (Climate Change/Disaster Resiliency, Rural Areas, Health Impact Assessments, and/or other factors identified in Section V)
LCF's project qualifies for Climate Change/Disaster Resiliency, Rural Areas

• Environmental Issue – e.g., Air, Water, Waste, etc.
Air

• List of Project Partners -- include partner name and stakeholder group. For example, CBOs, State University (academic); County commissioner (local government); Houses of worship (faith-based); Corporate or local companies (business/industry); etc.
Nuestra Casa (local nonprofit), Sachamama (nonprofit), Yakima Department of Health (local government agency), Department of Natural Resources (statewide government agency), Senator Patty Murray (elected office)

• Will you need to develop a QAPP for your project? (See AppendixH) N

b. Environmental and Public Health information of the Underserved Community

• Describe and characterize the underserved community directly impacted by disproportionate environmental and/or public health harms and risks and describe **how** the community is impacted by those harms and risks (i.e., Who is the community comprised of and what are the disproportionate environmental and/or public health issues they experience?)

Yakima County is located in South Central Washington (lower valley), and according to the U.S Census Bureau, Yakima County has a population of 256,728; of that, 50.7% is Hispanic or Latino residents which is a third of the hispanic/latino population in Washington state. Many of these residents are immigrants who have limited to non English language skills, live below poverty levels and low education levels.

The region is characterized by small towns and surrounded by productive and active farmland, irrigation agriculture and dairy farming are the main source of income for these communities. This is where Latino farm workers find part time and full time employment, they either live near or in farmlands. Latinos in this area are facing big health risks with every year rising due to direct exposure to low air quality and/or asthma that results in longer and poor health stability. With this program we aim to increase the education access on wildfire adaptation, information and resources that can change and make a big difference in their lives while building leadership among a cross-generational community.

• What are the environmental/public health issue(s) that the project seeks to address?

The environmental health issues relate to direct impacts of wildfires, as well as air quality issues related to wildfires and climate impacts. As the EJ SCREEN Tool shows, communities across Yakima County are at a high risk of wildfires. This is exasperated for communities in rural parts of Yakima County, including where we work in Selah, Naches, and Sunnyside, where communities are living in more rural areas. Within these geographic areas, communities are characterized as being low-income (in the 95-100 percentile), Limited English Speaking (80-100 percentile), more likely to have Asthma (80-100 percentile). In addition, Yakima and nearby Selah face a higher wildfire risk (95-100 percentile) than other parts of Yakima County. Our project seeks to bring resources, education, and action that address these issues in collaboration with communities.

• What are the environmental/public health results the project seeks to achieve and how will the underserved community benefit from those results?

LCF and partners in this program seek to achieve outcomes of a more informed and organized Latinx community in the Yakima Valley about ways to mitigate the negative impacts and harms of wildfires and low air quality. Our communities are resilient, and through this program the benefits include stronger networks among families, community members and local organizations/entities, as well building a network of climate leaders that will be ready to assist their communities when needed. We decrease the direct impacts of wildfires on communities, by creating action plans and education resources that build strong community networks, preventative measures, and emergency preparedness tools that community members put into use and share with their families and broader community.

Special Considerations
This project brings together key government and community partners to address issues impacting rural communities in Yakima County, as well as bring resources and education to communities disproportionately impacted by climate change. Two key areas we are reaching communities include Selah and Sunnyside. According to 2021 Census data, population counts were 8,000 in Selah and 16,000 in Sunnyside and 8,000 (www.census.gov). Selah is also adversely affected by wildfire risk (95-100 percentile). Additionally, we are reaching other communities in Yakima County, including: Tieton (pop. 2,000), Parker (pop. 105), Prosser (pop. 6,000), Grandview (pop. 10,000). (https://censusreporter.org/). Communities in these areas are characterized as having less access to information in Spanish and lacking the option to move during wildfires. Also of great concern is the need for community members to continue working and making the choice between a paycheck and their safety during wildfire season, which puts them at higher vulnerability for having time to leave the area during wildfire to socioeconomic status.

c. Organization's Historical Connection to Underserved Community
• The history of your organization's involvement with the underserved community, including the duration of involvement and circumstances that led to your organization's involvement
Latino Community Fund (LCF) has been working in Yakima County for the past ten years. Our work has directly served Latino communities, including primarily Limited English Speaking communities, low-income communities, and Latinx/e communities.

As an organization primarily focused on Latino communities, we began work in Yakima County because of the high percentage of Latinos in Central WA, with the intersection of health and socioeconomic issues impacting those communities. We have worked more directly with communities in Selah, Naches, and Sunnyside - including Warehouse Workers in Selah. Our work has historically involved doing direct outreach at health fairs, hosting educational workshops on environmental justice issues, training communities in leadership skill building, and connecting individuals directly to resources.

In 2020, our team responded to wildfires in Brewster, WA that forced nearly 200 farmworkers to evacuate from their homes because of wildfires and were left to sleep in a park. Our team took sleeping bags and supplies to the community. Following that, our work on wildfires has expanded to working in Yakima County and Sunnyside, as well as partnering with groups in Moses Lake to share information about wildfires, provide wildfire kits, and lead training and outreach.

• How the organization has worked with the underserved community's residents and/or organizations to address local environmental and public health issues currently or in the past **and** what are some of the results of that work. Include information about recent efforts in the community, if any, that have sought to address the disproportionate issues you described in 1.b.
LCF has worked addressing and approaching solutions based projects about local environmental and public health issues within the underserved communities in Yakima county. In the past years and currently LCF has partner with different local organizations to bring different resources to this communities like:

- Over 20 Vaccine clinics and Health Fairs, where over 2,000 community members were able to be vaccinated and 10,000 community members learned of or received other resources.
- CPR and first aid training. We held over 20 cpr and first aid workshops in 2022, we reached over 350 community members with these workshops.
- Wildfire Adaptation Leadership Program two years in a row (two cohorts) reaching over 100 attendees.
- Youth Leadership programs, over 6 youth leadership summits in the past 3 years (with over 200 youth attending)
- Oral Hygiene. We held around 15 oral hygiene educational workshops in 2022, and we distributed over 250 oral care kits to the workshop participants.
- Diabetes education. We held over 15 educational workshops on diabetes care in 2022 and reached over 250 community members.
- Financial Assistance (During Covid-19 pandemic only), we distributed over 1.2 million in 2020 alone to needy families struggling with food insecurities and rental assistance. ,

Capacity Building to Community Based Organizations (CBO's). We have regranted over 12 small grants in efforts to help build CBO's capacity and ability to continue their work.in efforts to help build CBO's capacity and ability to continue their work.

• Community Driven Participation

Community members are integral in the preparation of agendas. We often ask and engage in dialogue with community members about the issues that are most relevant to them. This has included hosting listening sessions, survey feedback, small group discussions, and one on one discussions. Community has developed our agenda and work, informing and contributing their ideas and brilliance to this work.

d. EJCPS Model

LCF and partners are utilizing the EJCPS model as follows:

1. Issue Identification, Visioning, and Strategic Goal-Setting:

Latino Community Fund is working in Yakima County, a community in Central Washington with a population of 96,000, of which 47% are Latinx/e. The start of our Wildfire Resilience work in Yakima County was borne from our community engagement work (providing direct services including rental and partnerships with local nonprofits serving Latinx communities and our work with youth leaders in Yakima County. In addition, two key community engagements have shaped this work to develop our goals.

1) In 2020, unprecedented fires burned WA State, impacting air quality and safety for community members. "In September, the Labor Day windstorm fanned numerous fires across Washington. More than 500,000 acres burned in less than a 36-hour period, which included one civilian fatality and the loss of most structures in the communities of Malden and Pine City." (DNR December 2020 report) We provided direct support to community members impacted by wildfires in Yakima County, which led to deeper conversations about the local needs for creating long-term solutions and a vision for

Latinx/e community members to be more informed and engaged in emergency preparedness.

2) In 2021, we hosted listening sessions with over 40 community members and nonprofit leaders in Yakima, Wenatchee, Moses Lake, Spokane, and the Tri-Cities. During these conversations, we heard from leaders about local challenges they faced, changes they wanted to see, and what local actions were already in motion. Top issues identified were lack of representation of Latinx/e communities in leadership, education, workforce, and health. And from those sessions in Yakima, people noted that "Yakima is at the bottom of all indicators for a thriving community." In addition, community members had previously noted in our outreach work the need to have trusted sources of information during health and environmental crisis.
3) In 2021, we also worked with partner nonprofits in Yakima County to better understand the EJ Latino landscape in Central WA. Outreach to 30 stakeholders led to 19 one on one conversations, as well as two group listening sessions with community members and LCF staff to further discuss and develop collective solutions through an EJ strategy. "The main themes presented by groups were clean air (air pollution, wildfires), clean water (water contamination from the dairy industry), and farmworker's rights (lack of information and unjust workers conditions). From the communities' perspective, when talking about these issues; lack of organizational capacity - funding, no representation in government entities, access to bilingual resources, and lack of community engagement were the main challenges highlighted in the conversation." (2021 Report)

2. Community Capacity-Building and Leadership Development

During 2020 - 2022, along with engaging in dialogue with communities, LCF worked with partners Nuestra Casa, CAFE (in Wenatchee), and Sachamama to host a series of educational trainings and community actions to build wildfire resilience in Latinx/e communities. Trainings bring together 20-25 in each cohort to learn about wildfires and ways to build community resilience. And while we have started this leadership development, we will continue doing this together with partners to reach more communities across Yakima County in rural areas and who have not accessed wildfire educational material. With over 100 community members on waitlists, we will expand this work to provide more disaster preparedness trainings in Spanish, developing more train the trainer pathways, and bringing more resources and stronger connections to local government agencies for Latinx/e communities.

3. Consensus Building and Dispute Resolution

In our work with Nuestra Casa, Sachamama, and CAFE (Wenatchee), we have built working agreements to continue expanding on this work. We have discussed and agreed on certain values related to Power Dynamics, Qualities of the Space, How we take care of each other, and How we engage in Collaboration. Our Values as a partnership are: ***Accountability, Equity, Caring, Co-creation/collaborations, Integrity***.

We will also work to establish clear goals and visions in our work with local government agencies and the Yakima Health District as we build out our plans to bring this work to scale on a broader level and we establish clear long-term partnerships with local agencies. As we understand new issues with air quality and how the continued presence of wildfires in Central WA are impacting our Latinx/e communities, we are going to be expanding our work with agencies and thus create more established systems of support beyond our own institutional capacities

4. Development of Multi-Stakeholder Partnerships and Leveraging of Resources
Our work with Nuestra Casa in Sunnyside has been collaborative and in deep relationship over the past 3-5 years - this has included building collective budgets and reporting metrics so that we are working together to define a clear workplan we are each accountable for.

In this next iteration and expansion of this work, we are building new partnerships with government agencies and the Yakima Health Distrcit to bring in more resources and information sharing for community members. It has been important to build these partnerships in new ways and we will continue developing new ways to work together.

In the past, we have worked with the Yakima Health District to bring emergency resources to rural and low-income communities during the Covid-19 crisis. We helped translate material into Spanish, share resources online and on radio, and attend health outreach fairs to bring more resources to communities. That relationship is now developing with an environmental lens with the increase of wildfires and their impacts on Latinx/e communities across Yakima County.

In addition, through our partnership with DNR we are working with DNR staff to build a collection of resources for Latinx/e community members to access, in addition to bringing information to DNR about where there are gaps.

5. Constructive Engagement with Other Stakeholders
We have identified collaboration opportunities in our conversations with DNR, which we will further explore through this project and build out resources. This relationship needs to move beyond a rapid response approach, which is why this will be key to better define clear plans and timelines that are responsive to the demands and true timelines of our community - in more rural communities this means responding to labor demands - during agricultural seasons, community members have less time to attend trainings and engage in learning and dialogue which is why we need to have a clear timeline so that we are having these conversations much further ahead than wildfire season. We know we also need to be responsive to the fact that wildfire season has extended and shifted - we need to be quicker to respond and agencies also need to be quicker to

respond - together we will identify where government agencies (starting with DNR) can support further technical assistance.

6. Sound Management and Implementation
Through this project, we have developed clear timelines we will implement with partners. Brining together different stakeholders our plan is to leverage the unique resources and knowledge that each partner brings to build strong evaluation along the way. Each partner will host a lead to ensure the continued commitment and coordination between our groups.

In addition, we are meeting regularly with partners (monthly calls) to identify what is working (celebrating wins along the way), identifying points of improvement (what is not working as successfully that we need to shirt), and bring in the correct and most effective resources (is there data, education material, tech tools that will help us be more effective and better serve the needs of community and reach out intended goals).

7. Evaluation
While we are already evaluating projects on short term outcomes (did people attend, did people get information, did we build some leaders through trainings, did people take action) - we will be moving this to a more robust evaluation. This will include documented results, points of reflection to share learnings, and an ongoing list of lessons learned to capture the full view of the project and how it aligns with long-term goals.

Part of this will be publishing lessons learned on our website and partner website, while also mirroring this with live evaluations that provide spaces for community members to ask questions and reflect.

e. Project Linkages: EPA Strategic Plan Goal 2, Objective 2.1
This program is rooted and intended for and with communities directly affected by wildfires and smoke issues, and is why the program has been developed based on their feedback through different dialogues. We are centering the protection of their health, lives and the communities they live in. We're putting emphasis on having underserved Latino families more informed, active and taking the lead on executing projects that help to mitigate these issues. The more informed communities are, the more engaged they will be in taking the lead in any efforts to help mitigate climate change and environmental justice programs that will lead to an increase of projects led by communities relating to the causes, effects, reduction and elimination of air pollution due to wildfires in Central washington.

f. Partner and Collaborate
This project brings together local nonprofit organizations, environmental and climate change trainers, government agencies, and the local health district to achieve our goals to build Latinx/e

fire-adapted communities in the Yakima Valley, developing resilient communities and reducing the risk of loss of life during wildfire events. Together, we bring resources, trusted relationships, community driven solutions and ideas, and a broad reach that identifies areas of intersection to bring this education to communities. As developed together, we are bringing information and resources from DNR, outreach opportunities and health data with Yakima Health District, and trainers and outreach staff that are trusted in the community from LCF, Nuestra Casa, and Sachamama.

• Identify and describe all partners involved, including those partnerships that may be under development. Include details about each of your partners.

Our partnership model below accounts for roles, resources, and interest of partners to achieve our goals. In addition, these partnerships have developed from shared interest in building fire-resilient communities in Central WA with Latinx/e communities. This shared vision will support us to sustain these relationships as we continue working together on this project and having ongoing evaluation and community engagement past the grant dates. We have used procurement policies for subrecipients and for subawards - as we will lay this out in MOUs.

Partner	**Planned Role**	**Stakeholder Group**	**Project Activities / Contributions**	**Vested Interest**	**Resources**	**Funding**
LCF	Implement Project, bring partners together, provide trainings	Nonprofit (CBO)	Running cohorts Coordination of project Implement ongoing efforts - Outreach, Educating	Build Latinx fire-adapted communities in Yakima Valley, forging safer and more resilient neighborhoods and reducing the risk of loss of life during wildfire events.	Community knowledge, staffing, trusted relationships	Lead Applicant
Nuestra Casa	Provide trainings and outreach in	Nonprofit (CBO)	Running cohorts Outreach and	Community members attending programs are	Community knowledge, staffing, trusted	Will provide subaward for training, education -

	Sunnyside		education	directly impacted by wildfires and poor air quality	relationships	staff time and outreach
Sachamama	Train CBO staffing, provide tech and curriculum support Develop outreach materials and support facilitation	Nonprofit (CBO)	Providing trainings and communications support	Building long-term community led solutions for address wildfire and air quality climate issues	Curriculum, training	Contractual funding to provide curriculum training for our staff and community members Communication work to build out collective material for outreach and education
Yakima Health District	Co planning and hosting for outreach and data sharing	Government Agency	Co-hosting health outreach fairs Sharing health data in Yakima County	Building solutions for a healthy community in Yakima County	Health resources, staffing, broad reach, regional data on health outcomes	No direct funding Support for co hosted outreach and education work
Department of Natural Resources (DNR)	Provide wildfire resources and tools for community to access	Government Agency	Sharing resources about wildfires			No direct funding Support for co hosted outreach and education work
Congressional Offices (Senator Patty Murray)	Providing spaces for community to engage	Elected Officials	Meet with community members over course of project to	Thriving communities in WA State	Sharing future grant opportunities that organization	No funding provided

	directly with legislators on community needs and solutions		gain insight into community needs and solutions for addressing issues		can apply to for sustaining work	

2.0 Project Activities / Milestone Schedule / Detailed Please

LCF and partners plan to build Latinx fire-adapted communities in Yakima Valley, forging safer and more resilient neighborhoods and reducing the risk of loss of life during wildfire events. Our proven program is designed to reduce the risk of wildfire damage by teaching communities to create defensible space around homes, using fire-resistant materials, and wildfire-resistant landscaping. Additionally, it fosters a greater sense of community engagement and resilience, by working together to prepare for wildfires, building emergency kits, and learning about evacuation plans and emergency alert systems.

Project milestones cover a two-tear timeline (November 1, 2023 - November 1, 2025). Project activities are outlined to build on previous work as a partnership and implementation is tracked by lead applicant (Latino Community Fund) with developed check ins and progress reports for partners.

Project activities include:

- Community Outreach (Engage)
  - Phone calls, emails, outreach at in person events to share information about wildfire resilience project and engage community members to sign up for more information about wildfire preparedness and to participate in resilience trainings
  - Attend and engage community at health fairs, local events, and in one to one outreach with program participants and service recipients
- Wildfire Resilience Trainings (Educate)
  - Train community members in wildfire resilience and emergency preparedness using 7 week curriculum (hybrid model of online and in person)
  - Develop community trainers to participate in cohort, and disseminate information and resources to their communities
  - Survey communities to develop local priorities at street and community level for participants to take action and disseminate information to others in their community
  - Build emergency kits with communities, develop evacuation plans, and identify access to emergency alert systems
- Community Action (Empower)
  - Plan and develop community Clean up days (previously identified as a community need)

    - Provide CPR training options for emergency preparedness (identified and further exploration to provide additional resources for communities to prepare their families for emergencies)
    - Leverage partnership reach and resources to develop further community actions as identified by communities in wildfire resilience trainings and
- Project Management
    - Coordinate meetings with partners to calendar and assign individual roles
    - Meet on a regular basis (weekly, monthly, quarterly) to track project progress and share resources
- Evaluation
    - Bi-annual report to track big lessons learned and opportunities for improvement

Milestone Schedule

- November 1, 2023 - December 2023
    - Partners meet to assign individual roles and responsibilities
    - CBOs initiate outreach efforts in community at local outreach events and end of year health and holiday fairs
- January 2024 - March 2024
    - Launch Wildfire Resiliency Training (these dates identified ideal for community members given summer work schedules in Yakima County this provides a higher chance of engaging more community members earlier in the process)
- April 2024
    - Implementation of community actions (one action centered and bolstered by Earth Day communication and activities) - Clean Up Day with local city planned
- May 2024 - June 2024
    - Launch in person Wildfire Resiliency Training
    - Lead CPR Trainings as community action for community members to lead skills training
    - Meet with all partners for project evaluation and resources sharing
- July 2024 - August 2024
    - Implement community action and do outreach at local health fairs
- September - November 2024
    - Leadership Summit featuring community presentation and resource sharing as led by local leaders and training participants
    - Outreach and emergency response actions with community members (as wildfire season reaches peak)

YEAR 2

- November 2024 - December 2024
    - Partners gather for end of Year 1 Evaluation
    - Create Year 1 Report and update outreach material
    - CBOs continue outreach efforts in community at local outreach events and end of year health and holiday fairs
- January 2025 - March 2025
    - Launch 2 Wildfire Resilience Trainings (these dates identified ideal for community members given summer work schedules in Yakima County this

provides a higher chance of engaging more community members earlier in the process)
- April 2025
    - Implementation of community actions (one action centered and bolstered by Earth Day communication and activities) - Clean Up Day with local city planned
- May 2025 - June 2025
    - Launch in person Wildfire Resiliency Training
    - Meet with all partners for project evaluation and resources sharing (host half day meeting)
- July 2025 - August 2025
    - Implement community action and do outreach at local health fairs
- September - November 2025
    - Outreach and emergency response actions with community members (as wildfire season reaches peak)
- November 2025
    - Final report of project
    - Bring partners together for next steps and continued expansion of project

Activity	**Timeframe**	**Stakeholder Involvement**	**Results**
Community Outreach (Engage)	November 2023 - December 2023	LCF Nuestra Casa	New community members engaged in learnings
Wildfire Resilience Trainings (Educate)	January 2024 - June 2025	LCF Nuestra Casa Sachamama	100 community members trained in wildfire resilience
Community Action (Empower)	April 2024 - November 2025	LCF Nuestra Casa Sachamama Yakima Health District Department of Natural Resource (DNR)	Local community actions leading to behavior changes and fire resilient communities
Project Management	Ongoing	LCF	Clear project goals achieved
Evaluation	Year 2	All partners	Evaluation and Lessons Learned Shared

3.0 Environmental Results – Outputs, Outcomes, and Performance Measures (Logic Model) - Logic Model Attached

Performance Evaluation Plan

Activity 1: Community Outreach						
Objectives	**Output or Outcome Mesure Description**	**Target/Goals**	**Measure Definition**	**Data Collection Method**	**Data Collection Frequency**	**Person(s) Responsible for Collecting Data**
By the end of the 2-year project period, LCF and partners have attended 50 community events to share resources	- Number of events and outreach actions taken	50 events	Number of events	Tracked using excel sheets and supplied disseminated	Per quarter	Project Manager
By the end of the 2-year project period, 5,000 Latinx/e community members outreached to at local community outreach events, through social media, radio spots to share wildfire and emergency prepardeness resources, education, and opportunities for engagement	- Number of community members who have received material and created their wildfire prepareden ess/emerge ncy plans and kits	5,000 comm unity memb ers	Num ber of com muni ty mem bers	Tracked using data pulled from sign up forms, radio outreach, phone calls received, conversations logged	Per quarter	Project Manager
Activity 2: Engage and Train Latinx/o/a (Limited-English) community members in wildfire preparedness. LCF will work with partners to continue to develop long-term avenues for engagement and partnership to ensure integration of statewide fire resilience group with input and leadership from Latinx/e organization(s).						
Objectives	**Output or Outcome Mesure**	**Target/Goals**	**Measure Defi**	**Data Collection Method**	**Data Collection Frequency**	**Person(s) Responsible for**

	Description		nition			Collecting Data
By the end of the 2-year project period, 100 new Latinx/e community members will have been Recruited and Trained in wildfire resilience and preparedeness cohort	- Number of trained community members who have completed series of wdilfire prepareden ess training	100 community members	Number of new community members	Tracked using excel sheets, online tracking of curriculum progress, and sign in sheets	Per cohort (weekly)	Project Manager
By the end of the 2-year project period, 100 new Latinx/e community members will have been received resources for creating individual and family wildfire preaprendess kits	- Number of community members who have received material and created their wildfire prepareden ess/emerge ncy plans and kits	100 community members	Number of kits assembled and distributed and putin to use	Tracked using excel sheets and supplied disseminated	Per cohort completion (every 6 months)	Project Manager
Activity 3: Community Actions & Outreach						
Task	**Output or Outcome Mesure Description**	**Target/Goals**	**Measure Definition**	**Data Collection Method**	**Data Collection Frequency**	**Person(s) Responsible for Collecting Data**

By the end of the 2-year project period, LCF and partners will have hosted 4 community actions, including clean up days, community-led wildfire prepardness presentations, CPR trainings	- Number of community actions recorded with attendance and outcomes (what behaviour changes have occurred)	4 community actions	Number of actions / Tracking of attendance and any behaviour changes/new skills gained	Track using event check in forms, surveys, and certification completions, and any media impressions	Per activity	Project Manager and Executive Director (Indiviual parnters track their conversations and share across partnership)
Activity 4: Project Management						
Task	**Output or Outcome Mesure Description**	**Target/Goals**	**Measure Definition**	**Data Collection Method**	**Data Collection Frequency**	**Person(s) Responsible for Collecting Data**
By the end of the 2-year project period, LCF will have coordinated ongoing meetings, check-ins with partners to track project deliverables, share resources, and implement project	- Number of meetings with partners, quality of conversations, resources shared, project alignment	- At minimum quarterly conversations - Monthly and	Number of meetings and types of conversations	Track using excel and also collect resources shared in a report and evaluation	As needed	Project Manager and Executive Director (Indiviual parnters track their conversations and share across partnership)

	and depth of relationships to share information	bi-weekly conversations during project implementation				
Activity 5: Evaluation						
Task	**Output or Outcome Mesure Description**	**Target/Goals**	**Measure Definition**	**Data Collection Method**	**Data Collection Frequency**	**Person(s) Responsible for Collecting Data**
By the end of the 2-year project period, LCF will develop an evaluation report	- Evaluation Report	Minmum of 1 evaluation report, with cross sharing of successes and lessons learned among parter	Material shared	Track in report	Halfway and Final Report	Project Manager and Executive Director (Indiviual parnters track their conversations and share across partnership)

		ns on different channels (annual reports, government report backs				

c. Sustainability Plan and Community Vision

This project is the result of direct communication and engagement with local community members and partners who have identified the need for a strong network of Latinx fire-adapted communities in Yakima Valley. Together, working across nonprofits, government agencies, local communities, and with elected offices, we are working to build long-term solutions that will lift up, resource, and empower local communities to not only be educated but to take action.

Currently, communities in collaboration with local organizations are building leadership pipelines and investing in train the trainer models that will serve to invest in more leaders in the community. Following the intersection of crises in 2020 to now (Covid-19, wildfires, communities being disconnected from resources), this project serves to get at the root of that crisis and put the community into leadership roles.

Already, we have waitlists of over 100 people who are hearing about this work and want to participate, learn, and take actions in their communities to prepare for wildfires, mitigate the impacts of pollution, wildfire smoke and other air toxics impacting the health of Latinx/e families across Yakima County. We are exploring how to bring these trainings and lessons learned into other parts of WA State with high Latinx/e populations that are impacted by wildfires.

4.0 Programmatic Capability

We have previously hosted trainings on wildfire resiliency and emergency preparedness, as well as CPR trainings in Central WA. In addition our team and our community partner, Nuestra Casa, are in constant conversations with community members to share information, hear about local issues, and develop leadership skills. In 2020, LCF managed Census Outreach work (which led us to also engage in developing collective goals with community about air quality and wildfires in Yakima County). We led outreach efforts online and in person during the Covid-19 crisis and have a deep understanding of the connection of public health and environment issues, especially in talking with Latinx/e community members.

b. Staff Experience / Qualifications of Project Manager (PM)

Our outreach team is based out of Yakima and have long histories of serving our communities and develop[ing avenues for leadership through skills building, leadership trainings, and listening sessions. The PM has a long history of bringing community together in Yakima County and partnering with local leaders to create programs, and long-lasting change. The PM has a history of working, living, and building deep relationships with Latinx/e community members in Yakima and across WA State. In particular, the PM has existing relationships in the farmworking communities in Yakima. They provided Covid response services to over 1,000 people and continue to build strong relationships with the Yakima Health Department and DNR. As led by the work of the PM, LCF received the Hero's Award from the Yakima Health Department in 2021 for the team's work to bring resources and information to Latinx/e and Spanish speaking communities during the Covid-19 crisis.

Key personnel include

- Cristina Ortega: Project Manager
- Lilliane Ballesteros: Executive Director, Project Support

Given the deep connection the PM has with the community and her relationship with the applicant she's worked in different capacities within the community. She has brought health fairs, vaccine clinics, helped with the distribution of Covid response services like rental & utility assistance, PPE, food. PM has a long history of providing civic engagement education to the communities she works with. In 2021, the Project Manager received the Hero's Award from the Yakima Health Department for her work in the community.

5.0 Past Performance

LCF's relevant past performance includes funding from WA DNR, and WA Dept of Commerce. We completed reporting requirements, project deliverables, and management of funds. In addition, our team has managed government grants, regranting and subcontracting, and we have a deep understanding of working in partnerships. Most of our work is developed and implemented in coalition and in partnership with a cross sector approach.

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1236-Mother Africa Safer Healthy Homes EPA EJCPS L

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1235-Mother Africa EPA EJCPS Work Plan Guide.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Safer Healthy Homes Program		$	$	$ 500,000.00	$ 0.00	$ 500,000.00
2.						
3.						
4.						
5. Totals		$	$	$ 500,000.00	$ 0.00	$ 500,000.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) Safer Healthy Homes Program	(2)	(3)	(4)	Total (5)
a. Personnel	$ 295,321.00	$	$	$	$ 295,321.00
b. Fringe Benefits	59,064.00				59,064.00
c. Travel	6,750.00				6,750.00
d. Equipment	2,800.00				2,800.00
e. Supplies	64,995.00				64,995.00
f. Contractual	33,630.00				33,630.00
g. Construction					
h. Other	37,440.00				37,440.00
i. Total Direct Charges (sum of 6a-6h)	500,000.00				$ 500,000.00
j. Indirect Charges					$
k. TOTALS (sum of 6i and 6j)	$ 500,000.00	$	$	$	$ 500,000.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Safer Healthy Homes Program	$ 50,000.00	$	$	$ 50,000.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$ 50,000.00	$	$	$ 50,000.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$	$	$	$	$
14. Non-Federal	$ 200,000.00	$ 50,000.00	$ 50,000.00	$ 50,000.00	$ 50,000.00
15. TOTAL (sum of lines 13 and 14)	$ 200,000.00	$ 50,000.00	$ 50,000.00	$ 50,000.00	$ 50,000.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Safer Healthy Homes Program	$ 100,000.00	$ 100,000.00	$ 100,000.00	$ 250,000.00
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 100,000.00	$ 100,000.00	$ 100,000.00	$ 250,000.00

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges:

23. Remarks: This is our first time using this budget form. Details are all explained in our detailed budget w narrative in our budget attachment.

EJCPS Logic Model: Mother Africa Safer Healthy Homes Program						
Resources/Inputs	**Activities**	**Outputs**	**Audience**	**Short-Term Outcomes (6-12 months)**	**Intermediate Outcomes (12-24 months)**	**Long Term Outcomes (2+ years)**
Staff time	Program design and planning	320 non-toxic cleaning kits distributed	Cleaning product companies	Increase community members' awareness of toxics in household cleaning products	Increase household selection of greener, non-toxic cleaning products when shopping for supplies	Improved household health due to decreased toxics usage
Partnering organizati	Staff hiring, onboarding, and training	16 community environmental education sessions hosted	African and Middle Eastern immigrant and refugee families	Increase community members' awareness of local environmental impact of improper toxics and medication disposal and of proper disposal techniques	Increase in utilization of proper disposal techniques and reduction of improper disposal into wastewater	Decreased toxics concentration in local water systems
In-kind donations	Community outreach and local recruitment	320 family disaster preparedness plans generated	Puget Sound residents	Increase families' awareness of the need for disaster preparedness	Increase families' continued maintenance and revision of disaster plans and supply stocks	Increased local refugee and immigrant families' confidence to persist safely through disaster
Multi-lingual staff capacity and cultural competencies	Staff disaster preparedness training (with Office of Emergency Management)	320 pre- and post-surveys conducted	Local government	Increase community members' awareness of potential lead exposures and its adverse impacts	Increase families' lead level blood testing	Increased referrals to lead poisoning support providers
	Staff team meetings	960 1:1 family coaching sessions	Local partners	Increase community members' awareness of potential lead exposures and its adverse impacts	Increase data on which household products contain high lead content	Decreased use of products that often include high lead content
	Product testing for lead	320 unique households served through four six-month cohorts		Increase community members' awareness of mold growth conditions and adverse impacts of mold exposure	Increase community members' household mold prevention	Maintenance or reduction of participating families' reported respiratory conditions

April 12, 2023

Jacob Burney
US environmental Protection Agency
Office of Environmental Justice
1200 Pennsylvania Avenue NW
Washington, DC 20460

RE: Letter of Commitment for Mother Africa's EPA Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Project

Dear Mr. Burney,

The King County Department of Natural Resources and Parks (DNRP) is pleased to partner with Mother Africa for the EPA EJCPS project. This project aims to develop a culturally relevant, multilingual climate resilience and healthy homes assessment program for immigrant and refugee communities in King County, Washington. This project will enhance connections between frontline communities and current knowledge, resources, and decision-making spaces in climate action and preparedness.

DNRP serves the most populous county in Washington State (2.5 million in 2021) working in support of sustainable and livable communities and a clean and healthy natural environment. Our mission is to foster environmental stewardship and to strengthen communities by providing regional parks, protecting the region's water, air, land and natural habitats, and reducing, safely disposing of and creating resources from the wastewater and solid waste. DNRP is also a key partner on the implementation of the King County Strategic Climate Action Plan (SCAP), updated every five years. The 2020 SCAP launched the first climate equity framework for King County in a new section entitled *Sustainable and Resilient Frontline Communities* (SRFC) which guides climate equity and community-driven policy. The SRFC works in parallel with the GHG Emissions Reduction and the Climate Preparedness sections of the SCAP. SRFC and Preparedness section leads have long partnered Mother Africa in development and implementation of SCAP priorities. These include developing multi-language climate communications, connecting on a development of a Countywide heat mitigation strategy, and participating in ongoing climate-related projects across King County departments.

For Mother Africa's EJCPS project, the SRFC and Preparedness leads will serve as thought-partners and share our technical expertise and any relevant materials to support and guide introduction of climate resilience and preparedness content and messaging. We will also participate as part of the project's stakeholder group, either as regular steering committee members or in topic-specific work groups. We look forward to partnering to expand and deepen the impacts of community-led climate action.

If you have any questions, please feel free to contact me at vraya@kingcounty.gov.

Vicky Raya

Victoria Raya

Climate Equity & Community Partnerships Program Manager
2020 King County Strategic Climate Action Plan | SRFC Lead
King County Department of Natural Resources and Parks

BUDGET TEMPLATE

Mother Africa

Safer Healthy Homes

Instructions:

FOR BUDGET COMPLETION, populate the blue cells with relevant budget information for expense categor

Organization Name:	**Mother Africa**
Program Name:	**Safer Healthy Homes**

BUDGET

Line Item - use categories as needed			Year 1: Nov 2023-Oct 2024	Year 2: Nov 2024-Oct 2025
1.0 Personnel			**$114,654**	**$118,094**
1a Personnel - Salaries	**FTE**	**Salary**	**$95,545**	**$98,412**
Executive Director	0.025	152,669	$3,817	$3,931
Deputy Director	0.025	114,747	$2,869	$2,955
Program Manager	0.05	82,000	$4,100	$4,223
Program Supervisor	0.4	62,400	$24,960	$25,709
Health Promoter 1	0.625	47840	$29,900	$30,797
Health Promoter 2	0.625	47840	$29,900	$30,797
			$0	$0
			$0	$0
			$0	$0
			$0	$0
1b Personnel - Taxes and Benefits			**$19,109.08**	**$19,682.35**
Federal Witholdings (SSI, Medicaid, etc)			$0.00	$0.00
State Witholdings (L&I, ESD, etc)			$0.00	$0.00
Employee Health Insurance			$0.00	$0.00
Employee Pension/401K Contributions			$0.00	$0.00
Other Employee Benefits- combined taxes and benefits 20%			$19,109.08	$19,682.35
2.0 Supplies and Services Total			**$23,474.47**	**$39,380.00**
Particiant incentives (yr 1 80 families, yr 2 160 families, yr 3 80 families).			$16,000.00	$32,000.00
Supplies			$394.47	$300.00
Telecommunications & Technology *(direct)* 3 Program Staff cell phones x			$1,080.00	$1,080.00
Printing			$0.00	$0.00
Utilities *(direct)*			$0.00	$0.00

y and provide the proposed cost in columns E-G

						ANALYSIS
Year 3: Nov 2025- Oct 2026	Total	Q1: BSK	Q2: BSK	Q3: BSK	Q4: BSK	Total Spenddown
		JAN-MAR 2023	APR-JUNE 2023	JULY-SEPT 2023	OCT-DEC 2023	
$121,637	$354,386	$0.00	$0.00	$0.00	$0.00	$0.00
$101,364	$295,321	$0.00	$0.00	$0.00	$0.00	$0.00
$4,049	$11,797	$0.00	$0.00	$0.00	$0.00	$0.00
$3,043	$8,867	$0.00	$0.00	$0.00	$0.00	$0.00
$4,350	$12,673	$0.00	$0.00	$0.00	$0.00	$0.00
$26,480	$77,149	$0.00	$0.00	$0.00	$0.00	$0.00
$31,721	$92,418	$0.00	$0.00	$0.00	$0.00	$0.00
$31,721	$92,418	$0.00	$0.00	$0.00	$0.00	$0.00
$0	$0	$0.00	$0.00	$0.00	$0.00	$0.00
$0	$0					
$0	$0					
$0	$0					
$20,272.82	$59,064.26	$0.00	$0.00	$0.00	$0.00	$0.00
$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$20,272.82	$59,064.26	$0.00	$0.00	$0.00	$0.00	$0.00
$23,380.00	$86,234.47	$0.00	$0.00	$0.00	$0.00	$0.00
$16,000.00	$64,000.00	$0.00	$0.00	$0.00	$0.00	$0.00
$300.00	$994.47	$0.00	$0.00	$0.00	$0.00	$0.00
$1,080.00	$3,240.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00

Year-End Variance
$114,654.48
$95,545.40
$19,109.08
$23,474.47

142,571	146,848
107,117	110,331
73,200	75,396
61,362	63,203
45467	46,831
45467	46,831
45467	46,831
45467	46,831
45467	46,831

	Rent *(direct)* - $500/month	$6,000.00	$6,000.00
	Other Goods and Services	$0.00	$0.00
3.0	**Professional Development/Training**	**$2,250.00**	**$2,250.00**
	Training Fees	$0.00	$0.00
	Conferences- Annual conference attndence $750 per 3 staff	$2,250.00	$2,250.00
	Meeting Expenses	$0.00	$0.00
	Other Professional Development	$0.00	$0.00
	Other	$0.00	$0.00
4.0	**Program Equipment**	**$2,800.00**	**$0.00**
	Item A- new laptop for 2 new staff in yr 1	$1,800.00	$0.00
	Item B - new cell phone for 2 new staff in yr 1	$1,000.00	$0.00
	Item C	$0.00	$0.00
5.0	**Program Partners**	**$13,640.00**	**$9,995.00**
	King County Office of Emergency Management- Train the Trainer Contract	$5,000.00	$1,355.00
	King County Department of Natural Resource and Parks- Thought Partner	$8,640.00	$8,640.00
		$0.00	$0.00
		$0.00	$0.00
6.0	**Professional Services**	**$5,400.00**	**$5,400.00**
	Financial Services- bookkeeper $100 per month	$1,200.00	$1,200.00
	Computer/Information Services- $150 per month	$1,800.00	$1,800.00
	Marketing Services	$0.00	$0.00
	Communication Services	$0.00	$0.00
	Other Professional Services- HR services- $200 per month	$2,400.00	$2,400.00
	Other Professional Services	$0.00	$0.00
7.0	**Administrative/Indirect**	**$0.00**	**$0.00**
		$0.00	$0.00
	TOTAL	**$162,218.95**	**$175,119.11**

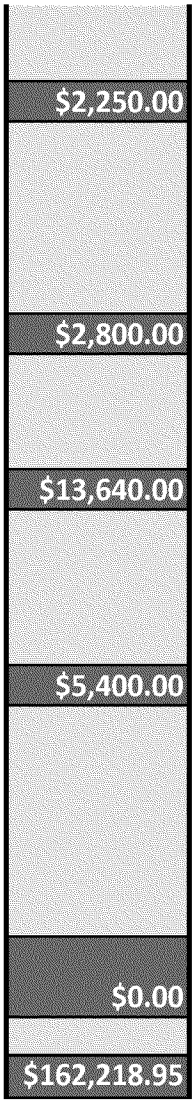
***Please identify your other sources of funding for this project -- source, amou**

We have applied for local government funding to support Safer Healthy Homes - a more water pollution focu
We also have in-kind contributions secured in the amount 350 kits of from our partner ECOS for Safer Choice

$6,000.00	$18,000.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$2,250.00	**$6,750.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$2,250.00	$6,750.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.00	**$2,800.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
$0.00	$1,800.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.00	$1,000.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$9,995.00	**$33,630.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
$1,355.00	$7,710.00	$0.00	$0.00	$0.00	$0.00	$0.00
$8,640.00	$25,920.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$5,400.00	**$16,200.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
$1,200.00	$3,600.00	$0.00	$0.00	$0.00	$0.00	$0.00
$1,800.00	$5,400.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$2,400.00	$7,200.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.00	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$162,661.94	**$500,000.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**

nt, and whether secured or anticipated:

ıssed series of modules. No overlap to the activities proposed in this grant, rather it will be supplemental. That funding is f
cleaning kits.



for $200,000

Areas Affected by the project:

King County, with a focus on cities in South King County including: Kent, Auburn, Federal Way, Des Moines, Seatac, Tukwila, Renton, also Bellevue and Seattle.

Manifest for Grant Application # GRANT13862079

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 30211 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16053 bytes)

2. Form SF424A-V1.0.pdf (size 22991 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40534 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15929 bytes)

5. Form SF424_4_0-V4.0.pdf (size 24057 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37290 bytes)

Attachments Included in Zip File (total 12):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-MA 501c3 Designation Letter.PDF application/pdf (size 83513 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-Mother Africa Safer Healthy Homes EPA EJCPS Logic Model.pdf application/pdf (size 21143 bytes)

3. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1235-Mother Africa EPA EJCPS Work Plan Guide.pdf application/pdf (size 532878 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1243-Colleen Alabi Resume 2023.pdf application/pdf (size 96783 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1242-Kholoud Naser Aldeen CV 2023.pdf application/pdf (size 73692 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1245-Mother Africa EPA EJCPS Detail Budget 2023-2026 .xlsx application/vnd.openxmlformats-officedocument.spreadsheetml.sheet (size 22199 bytes)

7. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1244-Risho Sapano Resume 2023 .pdf application/pdf (size 68072 bytes)

8. SF424_4_0 SF424_4_0-1234-Areas Affected by the project.pdf application/pdf (size 20931 bytes)

9. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-Mother Africa, EPA EJCPS Letter of Commitment_KC OEM.pdf application/pdf (size 225451 bytes)

10. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-Mother Africa, EPA EJCPS Letter of Committment ECOS 041323.pdf application/pdf (size 84926 bytes)

11. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-Mother Africa, EPA EJCPS Letter of Commitment_DNRP.pdf application/pdf (size 140706 bytes)

12. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-Mother Africa, EPA EJCPS LOC PSCAA_April13.pdf application/pdf (size 2530556 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1234-FinalLetter_84-2003040_SOUTHWILLAMETTESOLUTIO

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1248-EJCPS SWS Application.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. EPA EJCPS		$	$	$ 150,000.00	$	$ 150,000.00
2.						
3.						
4.						
5. Totals		$	$	$ 150,000.00	$	$ 150,000.00

Standard Form 424A (Rev. 7- 97)
Prescribed by OMB (Circular A -102) Page 1

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1)	(2)	(3)	(4)	Total (5)
	EPA EJCPS				
a. Personnel	$ 114,000.00	$	$	$	$ 114,000.00
b. Fringe Benefits	11,400.00				11,400.00
c. Travel	10,480.00				10,480.00
d. Equipment					
e. Supplies	483.64				483.64
f. Contractual					
g. Construction					
h. Other					
i. Total Direct Charges (sum of 6a-6h)	136,363.64				$ 136,363.64
j. Indirect Charges	13,636.36				$ 13,636.36
k. TOTALS (sum of 6i and 6j)	$ 150,000.00	$	$	$	$ 150,000.00
7. Program Income	$	$	$	$	$

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Prescribed by OMB (Circular A -102) Page 1A

SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. EPA EJCPS	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 50,000.00	$ 12,500.00	$ 12,500.00	$ 12,500.00	$ 12,500.00
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 50,000.00	$ 12,500.00	$ 12,500.00	$ 12,500.00	$ 12,500.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. EPA EJCPS	$ 50,000.00	$ 50,000.00	$ 50,000.00	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 50,000.00	$ 50,000.00	$ 50,000.00	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: 136,363.64

22. Indirect Charges: 13,636.36

23. Remarks:

Oakridge-Westfir Wildfire Adaptation and Resiliency Project Budget and Narrative

				Grant Funds by Object Class	
I	**Personnel**	Estimated #	**Cost Per**	**Subtotal**	**Total**
	Project Management				
	SWFC Projects Manager .65FTE	3 years	$38,000.00	114,000	
	Subtotal				**114,000**
II	**Fringe Benefits***				
	10% x $38,000	3 years	$3,800	11,400	
	(see notes regarding FB below the table)				**11,400**
III	**Travel**	Estimated #	**Cost Per**		
	Project related	16,000	0.655	10480	
	Subtotal				**10,480**
IV	**Equipment**	Estimated #	**Cost Per**		
	Subtotal				**0**
V	**Supplies**	Estimated #	**Cost Per**		
	Flyers and print materials	484	$1.00	$483.64	
	Subtotal				**$483.64**
VI	**Contractual**	Estimated #	**Cost Per**		
	Subtotal				**0**
VII	**Other**	Estimated #	**Cost Per**		
	Subtotal				**0**
VIII	**Indirect**				
	Indirect de minimis rate of 10% ($x 10% = $)			$13,636.36	
	Subtotal				**$13,636.36**
	TOTAL				**$150,000.00**

* Fringe benefits are estimated to average 10% and include: ; Social Security (7.65% of salaries); Workers Compensation Insurance (2.1%); Unemployment insurance (0.1% of salaries); vacation and sick leave

Budget Narrative

$114,000 Project Manager position will be funded at $38,000/ year which is approximately .65 full time employee

$11,400 is the cost for fringe benefits at $3,800/ year for .65 full time emplolyee

$10,400 will fund project related mileage for personal vehicle used for project related trips at the federal reimbursement rate for mileage

$483.64 will pay for print materials for public outreach and education for project related work

$13,636.36 will pay for indirect de minimis rate of 10%

Resources	Activities	Outputs	Audience	Short-Term Outcomes (6-12 Months)	Intermediate Outcomes (1-2 years)	Long-Term Outcomes (2+ Years)
Staff Time Partner In-Kind Donation Community Volunteers Industry Partners Match Social and Political Capital Oregon State Fire Marshall CWRR Grant Planning capacity from USFS and Cities Technical expertise from OSU, USFS, ODF, OU	Develop and execute a strategic public engagement plan using past lessons learned Work with community partners to tailor outreach and assistance to the most vulnerable residents Facilitate meetings and training for the Community Disaster Response Group Host at least 12 annual wildfire safety related meetings with agency partners Gather lessons learned about engagement and project implementation	At least 12 annual meetings with community partners to plan and execute wildfire resiliency projects with published notes At least 3 annual meetings to gather lessons learned with published notes At least 25 homes of the most vulnerable residents treated to reduce risk of ignition At least 3 community-based disaster resiliency exercises or trainings	Liaisons to underserved communities Local Emergency Management Authorities Local, County, State, and Federal Government Partners Tribal Partners Local Health Providers County and State Fire Mitigation Partners Municipal governments Local contractors from diverse groups	Vulnerable residents to wildfire impacts are enrolled in assistance programs Multi-agency wildfire safety meetings have been held, building interagency trust and improving communication Lessons learned about equity and mitigation have been woven into next projects Community Disaster Readiness Group has core leaders and an understanding of the community's emergency assets and gaps	Partners have been leveraged to implement strategic and socially sound risk reduction for vulnerable residents Fire Adapted community groups are mostly self-reliant with some SWS help Community Disaster Readiness Group is a useful asset for local emergency managers Local contractors will be better connected	Fire adapted community groups are self-sufficient or housed under an emergency response agency Residents representing the most vulnerable communities have meaningful input on disaster mitigation, planning, and response Cross-boundary fuels reduction on has been achieved with a focus on equity Community Disaster Readiness Group is fully integrated with emergency mgmt. Wildfire literacy is higher across all groups of residents

Manifest for Grant Application # GRANT13861935

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 29353 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16036 bytes)

2. Form SF424A-V1.0.pdf (size 22679 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40237 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15937 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23865 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37236 bytes)

Attachments Included in Zip File (total 15):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-EJCPS Budget Narrative.pdf application/pdf (size 21910 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-EJCPS PM Resume_Dustin Rymph.pdf application/pdf (size 90934 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-EJCPS SWS Logic Model.pdf application/pdf (size 90544 bytes)

4. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1248-EJCPS SWS Application.pdf application/pdf (size 7769144 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-LRAPA commitment letter for SWS Environmental Justice Collaborative Support grant.pdf application/pdf (size 110397 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-Letter of Support ODF.pdf application/pdf (size 189122 bytes)

7. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-LCFirewise_Support_SWFC.pdf application/pdf (size 151738 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-MFRD EJCPS support Ltr..pdf application/pdf (size 174916 bytes)

9. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1245-Oakridge Community Firewise Event + Film Screening FINAL.pdf application/pdf (size 2415189 bytes)

10. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1243-LOS_SWS_MFWWC2023.pdf application/pdf (size 275648 bytes)

11. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1242-OSU_EJCPS support Ltr. (completed-Adobe Sign).pdf application/pdf (size 352793 bytes)

12. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1246-Forests & Fire Community Conversations v2 (1).pdf application/pdf (size 2841829 bytes)

13. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1244-Cities of Oakridge and Westfir EJCPS support Ltr. - signed.pdf application/pdf (size

345880 bytes)

14. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1234-FinalLetter_84-2003040_SOUTHWILLAMETTESOLUTIONS_06102019_01.pdf application/pdf (size 255665 bytes)

15. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1247-OW Fire Mitigation Projects 2022-2023 6_3 (1).pdf application/pdf (size 4077638 bytes)

FIRE Rx

Oakridge-Westfir Community Wildfire Safety Night

+

West is Burning Film Screening & Panel Discussion

Friday, May 21st, 2021
Doors open - 5:00 p.m.
Event starts - 5:30 p.m.
Greenwaters Park Amphitheater

RSVP:
bit.ly/oakridge-wildfirefilm

JOIN US!

Get to know community partners

Bring your lawn chair

Learn more about the Oakridge Air project

Wildfire engine tours

Bring a picnic or enjoy some local grub! The Campfire will be delivering food orders!
Pre-order your dinner here:

THE CAMP FIRE — HOME OF COWGIRL COOKIN

SCAN ME

Southern Willamette Forest Collaborative

Oakridge Air

RVCC Rural Voices for Conservation Coalition

NFPA FIREWISE USA® Residents reducing wildfire risks

Oregon Department of Forestry "Stewardship in Forestry"

Oakridge Mountain Biking Capital of the Northwest

Forest Service U.S. Department of Agriculture

LRAPA

Lane County Oregon

INBOUND, LLC Look for the Owl!

ED_016126_00000503-00001

FIRE Rx

Oakridge-Westfir Community Film Screening + Panel Discussion

Meet Our Guest Speaker & Film Discussion Panelists

Guest Speaker: James Johnston of Oregon State University will summarize results from an ongoing study of fire over the past 500 years in the western Oregon Cascades. Long-term records of natural ignitions and native peoples' use of fire in the western Oregon Cascades will help forest managers develop strategies to protect communities from large and costly fires, adapt forests to future climate and disturbance regimes, and protect sensitive habitat.

Anne Trapanese, Fuels Planner for the Middle Fork Ranger District of the Willamette National Forest. Anne has 18 years of experience with fire, fuels and planning.

Justin Patten, Fire Planning Forester with Oregon Department of Forestry South Cascade District, East Lane Unit. Justin has held a variety of positions with the agency since 2012 and has been involved in wildland fire since 2009.

Sarah Altemus-Pope, Director for the Southern Willamette Forest Collaborative, a community based organization that brings people together for healthy forests and communities. Sarah spent many years working as a Forest Service wildland firefighter and smokejumper in Oregon and Montana.

Southern Willamette Forest Collaborative · Oakridge Air · RVCC Rural Voices for Conservation Coalition · NFPA FIREWISE USA Residents reducing wildfire risks · Oregon Department of Forestry "Stewardship in Forestry" · Oakridge Mountain Biking Capital of the Northwest · Forest Service U.S. Department of Agriculture · LRAPA · Lane County Oregon

FORESTS & FIRE

Oakridge -Westfir Community Conversations

Middle Fork Fire History - *James Johnston, OSU Fire Ecologist*

2022

Doors open - 5:30 p.m.
Conversation - 6:00 - 7:30 p.m.

Cedar Creek Fire Impacts & Risk Reduction - *Molly Juillerat, District Ranger* *Fred Levitan, BAER Team*

Thurs

Doors open - 5:30 p.m.
Conversation - 6:00 - 7:30 p.m.

JOIN US!

Get to know community partners

Bring your questions!

Learn more about the forest around us

Tasty snacks and drinks

Connect with your neighbors

FREE EVENT!

Join Us at Lion Mountain Bakery
47781 Hwy. 58, Oakridge, OR

Southern Willamette Forest Collaborative

Oakridge Air

Oregon State University

Forest Service U.S. Department of Agriculture

NFPA FIREWISE USA®
Residents reducing wildfire risks

ED_016126_00000504-00001



November 30th, 6PM

Guest Speaker: James Johnston of Oregon State University will summarize results from an ongoing study of fire over the past 500 years in the western Oregon Cascades. Long-term records of natural ignitions and native peoples' use of fire in the western Oregon Cascades will help forest managers develop strategies to protect communities from large and costly fires, adapt forests to future climate and disturbance regimes, and protect sensitive habitat.

December 8th, 6PM

Fred Levitan, USDA Forest Service Burned Area Emergency Response team lead, will present about the team's findings from the Cedar Creek burned area analysis including forest burn severity, recreational infrastructure impacts, safety and more.

Molly Juillerat, USDA Forest Service Middle Fork District Ranger will share about an Environmental Assessment for Cedar-Gales Roadside Risk Reduction. This project seeks to reduce the risks posed by fire-killed and injured trees that have fallen across or remain standing along important access routes of the Cedar Creek and Gales fire-affected road system so that access to and through the burned area can be restored. The Forest Service is seeking input on the roads included in the proposed action and any impacts of concern that the District should consider in the environmental assessment.

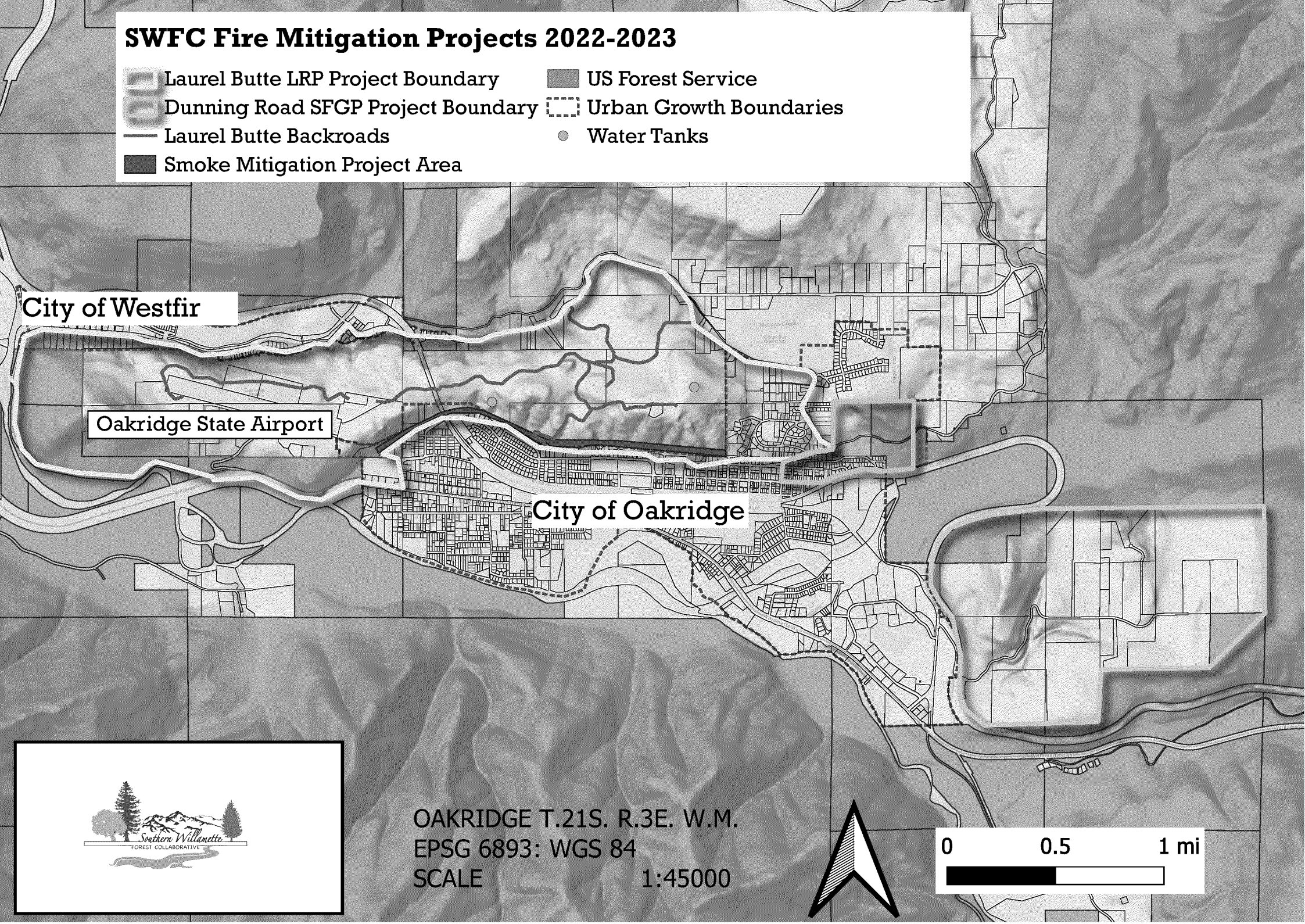
Southern Willamette Forest Collaborative

Oakridge Air

Oregon State University

Forest Service U.S. Department of Agriculture

NFPA FIREWISE USA® Residents reducing wildfire risks



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Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1234-aea_usea_ejcps23_budget.docx.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1252-aea_usea_ejcps23_main-1.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. EJCPS 2023		$	$	$ 149,436.00	$ 0.00	$ 149,436.00
2.						
3.						
4.						
5. Totals		$	$	$ 149,436.00	$ 0.00	$ 149,436.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) EJCPS 2023	(2)	(3)	(4)	Total (5)
a. Personnel	$	$	$	$	$
b. Fringe Benefits					
c. Travel					
d. Equipment	1,056.00				1,056.00
e. Supplies	10,380.00				10,380.00
f. Contractual	123,000.00				123,000.00
g. Construction					
h. Other	15,000.00				15,000.00
i. Total Direct Charges (sum of 6a-6h)	149,436.00				$ 149,436.00
j. Indirect Charges					$
k. TOTALS (sum of 6i and 6j)	$ 149,436.00	$	$	$	$ 149,436.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. EJCPS 2023	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$	$	$	$	$
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$	$	$	$	$

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)			
	(b)First	(c) Second	(d) Third	(e) Fourth
16. EJCPS 2023	$	$	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$	$	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges:

23. Remarks:

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Itemized Budget Sheet / Budget Narrative

	Description	Total
Personnel		
Fringe Benefits		
Travel		
Equipment	Emporia Smart Plugs, 4 Set = $47.99 @ 22 sites = $1,055.78	$ 1,056
Supplies	Greenly, annual subscription = $3,100/an ($9,300 tot.) esports.eco domain, annual billing = $60/an ($180 tot.) WordPress Business Plan, annual billing = $300/an ($900 tot.)	$ 10,380
Contractual	Year 1: - 1x Project Manager @ $50/hr @ 104 hrs = $5,200 - 1x Partner Manager @ $25/hr @ 2,000 hrs = $25,000 - 1x Data Specialist @ $25/hr @ 200 hrs = $5,000 - 1x Designer / Marketer @ $725/mo @ 12 mos = $8,700 Year 2: - 1x Project Manager @ $50/hr @ 104 hrs = $5,200 - 1x Partner Manager @ $25/hr @ 2,000 hrs = $25,000 - 1x Data Specialist @ $25/hr @ 200 hrs = $5,000 - 1x Designer / Marketer @ $725/mo @ 12 mos= $8,700 Year 3: - 1x Project Manager @ $50/hr @ 104 hrs = $5,200 - 1x Climate Specialist @ $2,500/mo @ 12 mos = $30,000	$ 123,000
Construction		
Indirect Costs		
Other	ANSI, annual membership = $5,000 ANSI Accredited Standards Developer application fee = $10,000	$ 15,000
		$ 149,436

Equipment

For this project's research component, we will purchase 22 units of the 4 set of Emporia Smart Plugs for deployment at each of the 22 partnered local esports lounges in a manner as described by Section 2 of this application. The Emporia Smart Plug is particularly qualified and specially for use in this project's research component as it is space-effective, non-intrusive, and user-friendly for non-technical users. Emporia Corp.'s dedicated information system for use with its Smart Plug is also specially and uniquely qualified for use in the research component.

Given that this project's research component will be conducted within pre-existing commercial spaces with no compensation to the space's owners, space efficacy and non-intrusive design are critical to any watt monitor. Additionally, the owners and operators of the partnered local esports venues are not technically qualified to operate complex watt monitors, which also makes this product attractive.

Finally, Emporia Smart Plugs seamlessly integrate with Emporia Corp's information system to which data are transmitted in real time and which can be accessed by authorized users on demand. This will ensure that the owners and operators of the partnered local esports venues have maximal control over data collection from their companies' operations and that the AEA and USEA can effectively oversee data collection, as appropriate.

Emporia Corp.'s information system further allows for authorized users to download data collected in pre-determined measurement periods as CSV files. This functionality is unique among many watt monitors that read directly from outlets and not breakers. This functionality also integrates well with Greenly, which is the proposed dedicated information system for data analysis and GHG emissions reporting, as described below.

A 4 set of Emporia Smart Plugs costs $47.99, without discounts or other savings offered by Emporia from time to time. Emporia Energy offers free USPS Priority Mail shipping to the contiguous United States. This totals $1,055.78 for the performance period. Based on our research of qualified products, we believe the Emporia Smart Plug, and its unit bundling coupled with cost savings, sufficiently and uniquely match our requirements for such a product for use in the research component and find its price to be reasonable and competitive.

Supplies

We intend to spend a total $9,720 on information technology expenses, including a dedicated information system for this project's research component and a dedicated website and domain name for all components of this project.

Greenly

For this project's research and voluntary consensus components, we will purchase an annual subscription to Greenly. Greenly is a GHG emissions reporting software that allows for local infrastructural integrations and periodic and on-demand consultation with sectoral experts for the purpose of optimizing use of the platform. We have an

active quote from Greenly for use of the platform at $3,100 per year. This price point includes coverage for Scopes 1 and 2 at $1,550 per year, coverage for Scope 3 business data at $775 per year, and coverage for Scope 3 financial data at $775 per year.

For the research component, we will integrate the watt readers, deployed at the partnered local project sites, into Greenly and record data collected there. We will also record venue-level electricity data collected from partnered local project sites on Greenly. For the voluntary consensus component, we will continuously use Greenly for reporting local partner sites' GHG emissions and estimating other emissions based on electricity consumption data.

Based on our research of other qualified products, we believe that the combination of Greenly's in-house technical and subject-matter support, infrastructural integrations, and overall ease-of-use to be strongly competitive for use in the research and voluntary consensus components. For this reason, and given our experience with similar procurements, we believe this expense is necessary, appropriate, and cost-effective.

esports.eco Domain

For all components of this project, we will develop and maintain a public website at the domain name, esports.eco. The USEA presently uses this domain name in relation to a landing site for the esports.eco program synopsis and lite paper. The website's purpose is described by the following Supplies expense for an annual WordPress Business Plan. This expense supports the unique branding of this project and ensures that partners are unified programmatically and in messaging, unifying esports ecology under esports.eco. Based on our experience with program development among our target audience and our previous and present work with public and private non-endemic stakeholders, we believe this expense is appropriate.

WordPress Business Plan

For all components of this project, we will develop and maintain a public website at the domain name, esports.eco. The purpose of this website is threefold:

1. To public key programmatic materials at a central location,
2. To promote transparency and accountability to the general public, and
3. To support this project's sustainability following the performance period.

WordPress' Business Plan is the first subscription tier that offers access to WordPress' plug-in marketplace. We intend to use this marketplace to enhance the website with accessibility and multi-language features, in the interest of civil rights and civil liberties. Access to these features in an integrated and easy-to-use setting is unique among similar products, and therefore, WordPress is competitive in this regard. Collectively, this expense supports the above purposes as well as maximizes cost efficiency in respect of public access and community engagement with public processes. Based on our research of qualified products, we believe this expense is reasonable and appropriate.

Contractual

We intend to spend a total $115,600 on subawards and contracts for the performance of services in support of all components of this project.

Project Manager

We intend to contract with Sarah Han, who is the USEA's present Managing Director of Communications and secondary point of contact for the USEA's previous federal financial award, for the performance of project management services. Sarah would be responsible for leading the execution of this project in all parts, which includes but is not limited to coordination of project activities by proposed partners, management of the procurement process for subawards and contracts, oversight and approval of deliverables from subawards and contracts made, and service as principal point of contact between the USEA and EPA.

Sarah has 10+ years of paid work experience in client management, community development, and event management. In this time, Sarah worked for more than four (4) years in wealth management for UBS, which is a globally recognized bank, in client support for managing portfolios totaling at least $10 million in assets; led the development of a community esports organization at California State University, Long Beach; and has over two (2) years of experience in the esports and gaming industries. Sarah is also instrumental to the day-to-day operations of the USEA, which she supports collaboratively with the Managing Director of Operations who serves as the organization's executive director.

In consideration of services performed, given Sarah's unique intersection of skills and knowledge and her long tenure of success in related positions, we intend to enter into an independent contractor agreement with Sarah at a rate of $50 per hour for two (2) hours per week per year (for a total 104 hours per year) for the performance period. This totals $5,200 paid per year and $15,600 over the performance period. Given experience with similar procurements and compensation arrangements, we believe this compensation is adequate and appropriate in light of all relevant factors.

Partner Manager

We intend to make a subaward to the AEA for services in support of this project's research and education components. We anticipate that the AEA will contract with Wyatt Pursley, who is the AEA's present CEO, for the performance of partner management services. Wyatt would be responsible for leading the execution of this project's research component, liaising with partnered local esports venues, managing the procurement process for contracts made by the AEA under their proposed subaward, overseeing and approving of deliverables from contracts made, and serving as principal point of contact between the USEA and AEA and between the AEA and partnered local esports venues.

Wyatt is the AEA's founder and chief executive. As such, Wyatt has led the AEA into being the largest network of independent or franchised local esports venues and community-based esports clubs across the United States as well as the only nonprofit organization organizing community-based esports competitions in this way. Given Wyatt's position within the organization, he has unique and special relationships with the owners and operators of the partnered local esports venues. We anticipate that this positive report will foster streamlined and efficient execution with partnered local esports venues throughout all parts of this project, especially the research component.

In consideration of services performed, given Wyatt's unique and special competencies and relationships as well as proven capacity for success in partner management, we intend to enter into an independent contractor agreement with Wyatt at a rate of $25 per hour for 2,000 hours per year, which approximates a full-time-equivalent agreement. This totals $25,000 per year for years 1-2 and $50,000 over the performance period. Given experience with similar compensation arrangements, we believe this compensation is adequate and appropriate in light of all relevant factors.

Data Specialist

We intend to make a subaward to the AEA for services in support of this project's research and education components. We anticipate that the AEA will contract with Ethan Ley, who is the AEA's present CFO, for the performance of data science and analysis services. Ethan would be responsible for managing the inflow of data collected from the deployment of watt monitors at partnered local esports venues and analyzing data, in accordance with the project design as per Section 2 of this application.

Ethan is pursuing a BS in Business Administration with a concentration in Finance from Oklahoma State University, has academic experience in data and business analytics as such, and has work experience with dedicated data analysis information systems, such as Tableau and Microsoft Excel. Ethan also has two (2) years of collegiate esports managerial experience for the varsity esports program at Oklahoma State University.

In consideration of services performed, given Ethan's relevant work experience, subject-matter experience, and prior experience with the AEA's operations, we anticipate that the AEA will enter into an independent contractor agreement with Ethan at a rate of $25 per hour for 200 hours per year. This totals $5,000 per year for years 1-2 and $10,000 over the performance period. Given the moderate degree of technical skills required and Ethan's prior work and familiarity with the AEA and esports activities, we believe this compensation is adequate, reasonable, and appropriate in light of all relevant factors.

Designer / Marketer

We intend to make a subaward to the AEA for services in support of this project's research and education components. We anticipate that the AEA will enter into two contracts for the performance of marketing and design services. The recipients of these contracts will be responsible for creating and disseminating strategic communications to

partnered local esports venues, creating and disseminating marketing materials to proximal stakeholders about this project and its alignment with climate goals and EPA priorities, and formatting key programmatic materials prior to publication.

We anticipate that the AEA will contract with Isabella Bice, who is the AEA's present Media Director, and Branson Evans, who is the AEA's present Communications Director, under separate marketing and design service agreements. Isabella previously led the esports program at Oklahoma State University as President, after having served as its Social Media Manager, and she has experience coaching young people in community-based esports competition. Branson previously worked as an esports commentator, specializing in explaining esports activities to non-endemic stakeholders, especially parents, and has experience in strategic communications in relation to local esports events.

In consideration of services performed, given Isabella's and Ethan's relevant work experience, subject-matter experience, and experience with the AEA's operations, we anticipate that the AEA will enter into an independent contractor agreement with both people at a rate of $750 per month for 12 months per year. This totals $9,000 per year. We anticipate that the AEA will contract with Isabella and Ethan for one (1) year each, Isabella for year 1 and Ethan for year 2. Therefore, compensation to either person totals $9,000 for the performance period and $18,000 for this expense overall. Based on our research experience with similar compensation agreements, we believe this compensation is adequate, appropriate, and reasonable in light of all relevant factors.

Climate Specialist

We intend to contract with Victoria Johnson, who was instrumental in the development of the USEA's esports.eco program throughout 2021, for the performance of specialist services in relation to this project's education and voluntary consensus components. Victoria would be responsible for providing subject-matter expertise in the development of educational-informational materials and webinars within the education component as well as the development of the voluntary consensus organization and advisory of the governing body of the voluntary consensus organization on relevant subject matter within this project's voluntary consensus component.

Victoria earned a BS in Geophysics from the University of Washington in Spring of 2021 and had her thesis research accepted for the Fall 2021 meeting of the American Geophysical Union. While her particular area of study differs from climate science per se, Victoria's experience with data analysis and modeling of seismic data is substantially relevant to this project's technical demands. From her work on esports.eco to date, Victoria has familiarized herself with the Corporate Standard and has supported research in development by the USEA as to esports' ecological impact, with a focus on sustainable business models and alternative frameworks for conceptualizing esports emissions.

In consideration of services performed, given Victoria's technical experience with environmental data and her familiarity with esports.eco, we intend to enter into an independent contractor agreement with Victoria at a rate of $2,500 per month for one

(1) year, which totals $30,000 over the performance period. Given experience with similar compensation arrangements and familiarity with Victoria's work output, we believe this compensation is adequate and appropriate in light of all relevant factors.

Other

We intend to spend a total $15,000 on expenses related to accreditation and participation in ANSI for this project's voluntary consensus component.

ANSI Annual Membership

For this project's voluntary consensus component, we will have the voluntary consensus organization apply for membership in ANSI. Given the type and size of the organization, the public rate for annual membership is $5,000. ANSI membership will expose the organization to the work of ANSI and ISO throughout the United States and make the organization eligible for application as a national standards developer. Therefore, this expense is a prerequisite for ANSI Accredited Standards Developer status, which is one part of this project's voluntary consensus component.

ANSI Accredited Standards Developer Application Fee

For this project's voluntary consensus component, we will have the voluntary consensus organization apply for ANSI Accredited Standards Developer (ASD) status. ANSI ASD status will allow the organization to make ANSI-accredited organizational standards, propose American national standards, and participate in the national processes for the development of ISO standards. As this level of access to voluntary consensus processes is central to the success of this project's voluntary consensus component, we believe this expense, in addition to the prerequisite ANSI membership fee, is appropriate.

Part 3A: Logic Model

	Resources	Activities	Outputs	Audience	Short-Term Outcomes	Intermediate Outcomes	Long-Term Outcomes
Research	- Time - Money - Partners - Equipment	- Deploy 3 watt monitors per partner site - Collect data at 1-5 second intervals - Clean & store data weekly	- 2 years of data collected at 1-5 second intervals - 24 monthly blog posts on esports ecology	- Partners - Industry stakeholders - The public	- Knowledge of esports' Scope 2 emissions by industry stakeholders	- Reduction in esports' electricity consumption via increased energy efficiency	- Enhanced quality of life from emissions reduction via increased energy efficiency
Education	- Time - Money - Partners - Supplies	- Translate research into educational materials and actionable informational toolkits	- 1 annual industry & academic report on esports' Scope 2 emissions - 6 quarterly webinars on esports ecology and energy efficiency	- Partners - Industry stakeholders - The public	- Knowledge of esports' Scope 2 emissions by industry stakeholders	- Reduction in esports' electricity consumption via increased energy efficiency	- Enhanced quality of life from emissions reduction via increased energy efficiency

Voluntary Consensus	- Time - Money - Partners	- Form a nonprofit - Write governing documents that comply with ANSI requirements - File for ANSI membership - Apply for ANSI ASD status	- ANSI ASD status - Adoption of 1 standard mitigating esports' ecological impact	- Partners - Industry stakeholders - The public	- Convened 22 stakeholders to garner consensus	- Maintain and apply consensus-based standards - Coordinated esports climate action in a public forum	- Enhanced quality of life from application of best practices

SARAH HAN

SHE/HER

EDUCATION

CALIFORNIA STATE UNIVERSITY
LONG BEACH (CSULB)
B.S. FINANCE (MAY 2014)

SKILLS

PROGRAM MANAGEMENT
HOLISTIC PROBLEM SOLVING
TRAINING & TECHNICAL WRITING
OPERATIONS MANAGEMENT
INCLUDING DEVOPS
MULTITASKING & FLEXIBILITY
ADMINISTRATIVE SKILLS & PROWESS
COMMUNITY MANGEMENT
PEOPLE & CULTURE DEVELOPMENT
BUSINESS SOFTWARE AND
INFORMATION SYSTEMS (GOOGLE
DRIVE, ATLASSIAN
JIRA/CONFLUENCE, ZENDESK,
MONDAY, SLACK, DISCORD, CLICKUP)
CUSTOMER SERVICE EXCELLENCE
ADOBE PHOTOSHOP/ILLUSTRATOR
BUSINESS DEVELOPMENT
CLIENT AND PLAYER SUPPORT

FREELANCE

BUSINESS CONSULT/LIFE COACH
EVENT COORDINATOR
ART & GRAPHIC DESIGN
STUDENT AND ADULT MENTOR

ACTIVITIES AND INTERESTS

MATH & ENGLISH TUTORING
FAMILIAR LANGUAGES (VIETNAMESE,
JAPANESE, AND KOREAN)
PLAYING PC AND CONSOLE GAMES

EXPERIENCE

FOUNDER

NFTOPIA

NOVEMBER 2022–PRESENT (PART–TIME)

- Host large metaverse events with art, gaming, defi, and web3 exposure and increasing investor and sponsor ROIs

CHIEF MARKETING OFFICER

UNITED STATES ESPORTS ASSOCIATION

MARCH 2020–PRESENT (PART–TIME)

- Align initiatives and host meetings discussing KPIs

COMMUNITY DEVELOPMENT MANAGER

INVERSE INC. (FORMERLY GAMERJIBE)

JUNE 2021–JANUARY 2023 (PART–TIME)

- Manage community projects, events and engagement

EVENT COORDINATOR (DYGYCON & SPLINTERFEST)

SPLINTERLANDS (FORMERLY STEEM MONSTERS, A HIVE BLOCKCHAIN TRADING CARD GAME)

MAY 2021–NOVEMBER 2022 (FULL–TIME)

- Host bi–monthly events as PR manager, program director, and social media campaign manager

IMPORT OPERATIONS AGENT

KINTETSU WORLD EXPRESS

JANUARY 2021–JUNE 2021 (FULL–TIME)

SR. CUSTOMER SUCCESS MANAGER

BRANDIFY, INC.

AUGUST 2019–APRIL 2020 (FULL–TIME)

- Promoted in under half a year onboarding new clients, improving processes, training & technical writing.

CLIENT SERVICES MANAGER

UNION BANK OF SWITZERLAND

DECEMBER 2014–AUGUST 2019 (FULL–TIME)

- Assisted two large advisor teams in managing $10M in assets of clients from banking to top level management

FOUNDER AND PRESIDENT

CSULB ESPORTS ASSOCIATION

APRIL 2012–MAY 2014

Wyatt Pursley

EXPERIENCE

Esports Administration

Chief Executive Officer - Amateur Esports Association *May 2021-Present*

- Serve as a leader to the administration team and staff.
- Lead outreach efforts and manage growth strategy.
- Manage B2B relationships and partnerships.
- Oversee the acquisition of sponsorships and grants.
- Coordinate between department administrators to ensure operational success.

Overwatch Esports Coordinator - Oklahoma State University *Aug. 2018-Dec. 2022*

- Manage player schedules and set up practices for each team.
- Manage all players schedules and find scrims that fit best in everyone's schedule.
- Spearhead recruitment of players into the program.

Overwatch Coaching

Macro Coach - Team Requiem *Oct. 2019-June 2020*

- Served as the team's Macro Coach, providing feedback during scrimmages and VOD Reviews related to the team's positioning and rotations.
- Provided players with short written reports based on their gameplay after matches

Head Coach - OATH League *June 2020-June 2021*

- Coordinated and evaluated the efforts and practices of subordinate coaches.
- Assisted in the creation of program planning to ensure the growth of players for attributes both in and out of game.
- Served as the program's Varsity Coach, providing players with feedback and assistance in regular scrimmages.

EDUCATION

- Graduated from Jenks High School *Aug. 2014-May 2018*
- Graduated from the Advanced Pre-Engineering Program at Tulsa Technology Center *Aug. 2016-May 2018*
- OSHA General Industry Safety and Health Certified
- Graduate from Oklahoma State University in Strategic Communications *Aug. 2018-Dec. 2022*

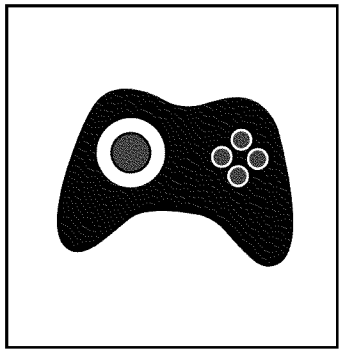
PROFICIENCIES

- Operational strategy, organizational leadership and project management.
- Video editing software, such as Premiere Pro, Shotcut, and others.
- Technological literacy in basic web tools such as Microsoft Office, Google Workspace and Wix.

4/11/2023

United States Esports Association
100 N Howard Str., Ste W
Spokane, WA 99201

Amateur Esports Association
922 N 2nd St.
Jenks, OK 74037



Dear Eliot J. Oreskovic and Wyatt Pursley,

My name is Joel Robe, and I am the Owner of the Desh Gaming Lounge, which is a Video Game Lounge located in Burleson, Tx. The Desh is excited to support the United States Esports Association's application for the 2023 EJCPS cooperative agreement opportunity with the federal EPA.

We are committed to working with both the United States Esports Association and the Amateur Esports Association throughout the performance period as required by your application. In particular, we accept our roles and responsibilities as a project partner as follows:

- We will conduct metering at our location and share venue electricity consumption data;
- Our staff will participate in educational-informational workshops, as organized; and
- We will participate as a founding partner in the voluntary consensus organization.

The Desh has a prior non-financial relationship with the Amateur Esports Association as a member club in their club-based esports competitions. We are deeply committed to the success of Burleson and the wellbeing of our residents. To support the community, we have sponsored BISD eSports events starting in 2017. My staff and I also believe in promoting a positive atmosphere for young adults to socially gather and have fun, while including a healthy environment for competitive gaming.

If selected, The Desh will participate in your project in the manner described above. We look forward to supporting this foundational effort towards making local esports an anchor institution for all communities and supporting the development of esports ecology.

Thank you,

Joel Robe

04/14/2023

United States Esports Association
100 N Howard Str., Ste W
Spokane, WA 99201

Amateur Esports Association
922 N 2nd St.
Jenks, OK 74037

Dear Eliot J. Oreskovic and Wyatt Pursley,

My name is Michael Chapman, and I am the Director of Operations of Contender Esports, which is a LAN Center Franchising Company with facilities in Springfield MO, Hudson Valley NY, Tulsa OK, Gilbert AZ, and Fort Collins CO. Contender Esports is excited to support the United States Esports Association's application for the 2023 EJCPS cooperative agreement opportunity with the federal EPA.

We are committed to working with both the United States Esports Association and the Amateur Esports Association throughout the performance period as required by your application. In particular, we accept our roles and responsibilities as a project partner as follows:

- We will conduct metering at our location and share venue electricity consumption data;
- Our staff will participate in educational-informational workshops, as organized; and
- We will participate as a founding partner in the voluntary consensus organization.

Contender Esports has a prior financial relationship with the Amateur Esports Association as a member club in their club-based esports competitions. We are deeply committed to the success of all our local communities and the wellbeing of our residents. To support the community, we work with the local school districts, and workforce development centers to grow a techfluent base of residents. My staff and I also believe in the ability for local esports to contribute to a better future for all our local residents.

If selected, [Contender Esports] will participate in your project in the manner described above. We look forward to supporting this foundational effort towards making local esports an anchor institution for all communities and supporting the development of esports ecology.

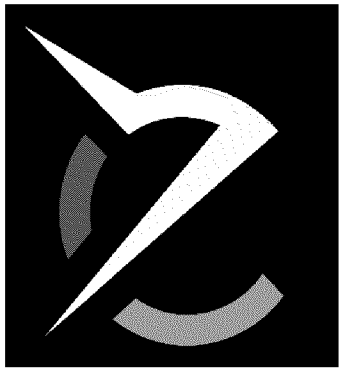
Thank you,

Michael Chapman
Director of Operations
Contender Esports

4/12/2023

United States Esports Association
100 N Howard Str., Ste W
Spokane, WA 99201

Amateur Esports Association
922 N 2nd St.
Jenks, OK 74037



Dear Eliot J. Oreskovic and Wyatt Pursley,

My name is Connor Stilwell, and I am the Owner/CEO of The Esports Cave, which is an esports center with locations in Austin, TX and Cedar Park, TX. The Esports Cave is excited to support the United States Esports Association's application for the 2023 EJCPS cooperative agreement opportunity with the federal EPA.

We are committed to working with both the United States Esports Association and the Amateur Esports Association throughout the performance period as required by your application. In particular, we accept our roles and responsibilities as a project partner as follows:

- We will conduct metering at our location and share venue electricity consumption data;
- Our staff will participate in educational-informational workshops, as organized; and
- We will participate as a founding partner in the voluntary consensus organization.

The Esports Cave has a prior non-financial relationship with the Amateur Esports Association as a member club in their club-based esports competitions. We are deeply committed to the success of the greater Austin area and the wellbeing of our residents. Our core goals with our endeavor was to create a space that would be safe to anyone of any age or gender, facilitate the "minor leagues" of esports, and to be available as a fun hangout to promote growth in key skills for relationships and careers. Some of the things The Esports Cave has done to accomplish these goals is host paid and free tournaments in games like Smash, Valorant, and Fortnite, host talks about online safety, and provide summer camps in film production.

If selected, The Esports Cave will participate in your project in the manner described above. We look forward to supporting this foundational effort towards making local esports an anchor institution for all communities and supporting the development of esports ecology.

Thank you,

Connor Stilwell

4/13/2023

United States Esports Association
100 N Howard Str., Ste W
Spokane, WA 99201

Amateur Esports Association
922 N 2nd St.
Jenks, OK 74037

Dear Eliot J. Oreskovic and Wyatt Pursley,

My name is Agragati Siegel and I am the owner of GameSync, which is an esports gaming center located in San Diego, California. GameSync is excited to support the United States Esports Association's application for the 2023 EJCPS cooperative agreement opportunity with the federal EPA.

We are committed to working with both the United States Esports Association and the Amateur Esports Association throughout the performance period as required by your application. In particular, we accept our roles and responsibilities as a project partner as follows:

- We will conduct metering at our location and share venue electricity consumption data;
- Our staff will participate in educational-informational workshops, as organized; and
- We will participate as a founding partner in the voluntary consensus organization.

GameSync has a prior non-financial relationship with the Amateur Esports Association as a member club in their club-based esports competitions. We are deeply committed to the success of the esports community and the wellbeing of our residents. To support the community, we have stayed active by integrating training programs, events and tournaments, and other activities, within our local region. We have also connected with high school and collegiate esports teams and have supported their practicing and coaching at our venue. My staff and I also believe in the power of competitive gaming as a tool to bring diverse groups of people together in a harmonious way, irrespective of race or social background. We feel that there is an opportunity in the sector to continue to grow the ecosystem that supports young people's passions.

If selected, GameSync will participate in your project in the manner described above. We look forward to supporting this foundational effort towards making local esports an anchor institution for all communities and supporting the development of esports ecology.

Thank you,

Agragati Siegel

GameSync

ED_016126_00000523-00002

April 10, 2023

United States Esports Association
100 N Howard Str., Ste W
Spokane, WA 99201

Amateur Esports Association
922 N 2nd St.
Jenks, OK 74037

Dear Eliot J. Oreskovic and Wyatt Pursley,

My name is Leighton LaPoint, and I am co-owner of Laughing Coffin L C, an Esports Arena located in Tanetown, MD. I am writing you, to express our excitement in supporting the United States Esports Association's application for the 2023 EJCPS cooperative agreement opportunity with the federal EPA.

As a project partner, Laughing Coffin is committed to working closely with both the United States Esports Association and the Amateur Esports Association throughout the performance period, as outlined in your application. We are ready to fulfill our roles and responsibilities, which include conducting metering at our venue to share electricity consumption data, participating in educational-informational workshops as organized, and serving as a founding partner in the voluntary consensus organization.

In addition to our prior financial relationship with the Amateur Esports Association as a member club in their club-based esports competitions, we are deeply committed to the success of our community and the wellbeing of our residents. At Laughing Coffin, we have actively promoted community development through hosting local tournaments, organizing charity events to raise funds for local causes, and providing opportunities for local talent to showcase their skills and pursue careers in the gaming and esports industry.

We believe that local esports can serve as an anchor institution for all communities, fostering economic impact through revenue generation and job creation, promoting social inclusion by providing a platform for diverse communities to connect, facilitating skill development and education, promoting community engagement by bringing people together, creating education and career pathways, and contributing to philanthropic endeavors.

If selected, Laughing Coffin will participate in your project in the manner described above. We eagerly anticipate actively supporting this foundational effort towards establishing local esports as an anchor institution for all communities, and fostering the development of a robust esports ecology.

Thank you for considering our support, and we look forward to the opportunity to collaborate with the United States Esports Association and the Amateur Esports Association.

Sincerely,
Leighton LaPoint
Digitally signed by Leighton LaPoint
Date: 2023.04.10 22:04:33 -04'00'

Leighton LaPoint
Co-owner, Laughing Coffin L C

4/13/2023

United States Esports Association
100 N Howard Str., Ste W
Spokane, WA 99201

Amateur Esports Association
922 N 2nd St.
Jenks, OK 74037

Dear Eliot J. Oreskovic and Wyatt Pursley,

My name is Juanrean Cooper, and I am the CEO and Founder of the Legacy Gaming Community.LLC, which is a Gaming Lounge located in Seattle, WA. Legacy Gaming is excited to support the United States Esports Association's application for the 2023 EJCPS cooperative agreement opportunity with the federal EPA.

We are committed to working with both the United States Esports Association and the Amateur Esports Association throughout the performance period as required by your application. In particular, we accept our roles and responsibilities as a project partner as follows:

- We will conduct metering at our location and share venue electricity consumption data;
- Our staff will participate in educational-informational workshops, as organized; and
- We will participate as a founding partner in the voluntary consensus organization.

Legacy Gaming Community has a prior non-financial relationship with the Amateur Esports Association as a member club in their club-based esports competitions. We are deeply committed to the success of Seattle, Wa and the wellbeing of our residents. To support the community, we have signed up for many community service events, volunteered free gaming time, and given out many gift certificates as well as provided multiple Internships for our local youth. My staff and I also believe in the way local eSports serves our community and youth by giving them the ability to resocialize, network with others like minded, and participate in fair healthy competition.

If selected, Legacy Gaming Community will participate in your project in the manner described above. We look forward to supporting this foundational effort towards making local esports an anchor institution for all communities and supporting the development of esports ecology.

Thank you,

Juanrean Cooper

4/10/2023

United States Esports Association
100 N Howard Str., Ste W
Spokane, WA 99201

Amateur Esports Association
922 N 2nd St.
Jenks, OK 74037

Dear Eliot J. Oreskovic and Wyatt Pursley,

My name is Philip Torres, and I am the owner of Shenanigans Gaming LLC, which is an esports venue located in San Antonio, TX. Shenanigans Gaming is excited to support the United States Esports Association's application for the 2023 EJCPS cooperative agreement opportunity with the federal EPA.

We are committed to working with both the United States Esports Association and the Amateur Esports Association throughout the performance period as required by your application. In particular, we accept our roles and responsibilities as a project partner as follows:

- We will conduct metering at our location and share venue electricity consumption data;
- Our staff will participate in educational-informational workshops, as organized; and
- We will participate as a founding partner in the voluntary consensus organization.

Shenanigans Gaming LLC has a prior non-financial relationship with the Amateur Esports Association as a member club in their club-based esports competitions. We are deeply committed to the success of San Antonio Esports and the wellbeing of our residents. To support the community, we have ran tournaments and fundraising events for local University and High School Esports programs and have created a welcoming space for all attendees. My staff and I also believe that esports should be accessible to everyone and strive to live up to that motto.

If selected, Shenanigans Gaming LLC will participate in your project in the manner described above. We look forward to supporting this foundational effort towards making local esports an anchor institution for all communities and supporting the development of esports ecology.

Thank you,

Philip Torres
Owner
Shenanigans Gaming LLC
5251 Timberhill, Ste 104
San Antonio, TX 78238

4/14/23

United States Esports Association
100 N Howard Str., Ste W
Spokane, WA 99201

Dear Eliot J. Oreskovic and Wyatt Pursley,

My name is Wyatt Pursley, and I am the Chief Executive Officer of the Amateur Esports Association, which is a nonprofit 501(c)(3) youth esports organization located in Tulsa, OK. The Amateur Esports Association is excited to support the United States Esports Association's application for the 2023 EJCPS cooperative agreement opportunity with the federal EPA.

We are committed to working with both the United States Esports Association throughout the performance period as required by your application. In particular, we accept our roles and responsibilities as a project partner as follows:

- We will be responsible for leading the research component and serving as principal point of contact with the local partners;
- We will support HRTE education and voluntary consensus components

The Amateur Esports Association has a prior non-financial relationship with the United States Esports Association as a collaborative partner. We are deeply committed to the success of Tulsa and the wellbeing of both our residents and the residents of our partner communities.

If selected, the Amateur Esports Association will participate in your project in the manner described above. We look forward to supporting this foundational effort towards making local esports an anchor institution for all communities and supporting the development of esports ecology.

Thank you,

Wyatt Pursley

4/12/2023
United States Esports Association
100 N Howard Str., Ste W
Spokane, WA 99201

Amateur Esports Association
922 N 2nd St.
Jenks, OK 74037

Dear Eliot J. Oreskovic and Wyatt Pursley,

My name is Chris Perez, and I am the Co-owner of the Warguts, Inc., which is an esports business located in Tulsa, Ok Warguts, Inc. is excited to support the United States Esports Association's application for the 2023 EJCPS cooperative agreement opportunity with the federal EPA.

We are committed to working with both the United States Esports Association and the Amateur Esports Association throughout the performance period as required by your application. In particular, we accept our roles and responsibilities as a project partner as follows:

- We will conduct metering at our location and share venue electricity consumption data;

- Our staff will participate in educational-informational workshops, as organized; and

- We will participate as a founding partner in the voluntary consensus organization.

Warguts, Inc. has a prior non-financial relationship with the Amateur Esports Association as a member club in their club-based esports competitions. We are deeply committed to the success of esports gaming community and the wellbeing of our residents. To support the community, we have been involved in the local esports for the schools in our area and we have been used as a pickup for diapers and formulas for troubled families. My staff and I also believe in getting kids into esport programs so they can apply for scholarships to get into college along with team building exercises, problem solving, and conflict resolution.

If selected, Warguts, Inc. will participate in your project in the manner described above. We look forward to supporting this foundational effort towards making local esports an anchor institution for all communities and supporting the development of esports ecology.

Thank you,

April 11, 2023

United States Esports Association
100 N Howard Str., Ste W
Spokane, WA 99201

Amateur Esports Association
922 N 2nd St.
Jenks, OK 74037

Dear Eliot J. Oreskovic and Wyatt Pursley,

My name is Caleb, and I am the Owner of the Triangle Esports Academy, which is a hands on Gaming, Esports & STEM education provider with a physical brick and mortar located in Cary, North Carolina. Triangle Esports Academy is excited to support the United States Esports Association's application for the 2023 EJCPS cooperative agreement opportunity with the federal EPA.

We are committed to working with both the United States Esports Association and the Amateur Esports Association throughout the performance period as required by your application. In particular, we accept our roles and responsibilities as a project partner as follows:

- We will conduct metering at our location and share venue electricity consumption data;
- Our staff will participate in educational-informational workshops, as organized; and
- We will participate as a founding partner in the voluntary consensus organization.

Triangle Esports Academy has a prior non-financial relationship with the Amateur Esports Association as a member club in their club-based esports competitions. We are deeply committed to the success of youth in our community and the wellbeing of our residents. To support the community, we have been involved with local schools, parks & rec, nonprofit organizations and other businesses to provide gaming, esports, and STEM services all across the Raleigh-Durham area. My staff and I also believe that esports brings people together and offers an innovative way of learning that cannot be found in traditional education.

If selected, Triangle Esports Academy will participate in your project in the manner described above. We look forward to supporting this foundational effort towards making local esports an anchor institution for all communities and supporting the development of esports ecology.

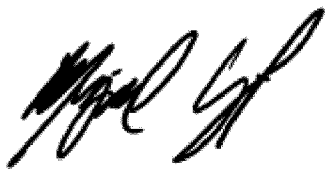
Thank you,

Caleb Smith

NY-18: Wappingers Falls, NY
MD-2: Taneytown, MD
NC-13: Cary, NC
OK-1: Tulsa, OK
TX-25: Burleson, TX
TX-20: San Antonio, TX
TX-37: Austin, TX
TX-31: Leander, TX
MO-7: Springfield, MO
CO-2: Fort Collins, CO
AZ-5: Gilbert, AZ
CA-51: San Diego, CA
WA-9: Tukwila, WA

My name is Miguel Gil, and I am the Chairperson of the Board of Directors of the United States Esports Association. I am writing to certify that the United States Esports Association does not have any employees at this time and has one independent contractor.

Dated: Apr. 13, 2023



Miguel Gil
Chairperson
United States Esports Association

ENTITY DETAILS

Name(s)

Type	Name
Legal Name	ALASKA MUNICIPAL LEAGUE

Entity Type: Nonprofit Corporation

Entity #: 10650D

Status: Good Standing

AK Formed Date: 1/11/1972

Duration/Expiration: Perpetual

Home State: ALASKA

Next Biennial Report Due: 7/2/2024

Entity Mailing Address: ONE SEALASKA PLAZA, SUITE 200, JUNEAU, AK 99801

Entity Physical Address: ONE SEALASKA PLAZA, SUITE 200, JUNEAU, AK 99801

Registered Agent

Agent Name: NILS ANDREASSEN

Registered Mailing Address: ONE SEALASKA PLAZA STE 200, JUNEAU, AK 99801

Registered Physical Address: ONE SEALASKA PLAZA STE 200, JUNEAU, AK 99801

Officials

☐Show Former

AK Entity #	Name	Titles	Owned
	Carole Triem	Secretary, Treasurer	
	Clay Walker	Director	
	Jim Matherly	President	

AK Entity #	Name	Titles	Owned
	Mark Springer	Vice President	
	Pat Branson	Director	
	Pete Petersen	Director	
	Stuart Graham	Director	

Filed Documents

Date Filed	Type	Filing	Certificate
1/11/1972	Creation Filing	Click to View	
7/03/1974	Agent Change	Click to View	
7/03/1974	Agent Change	Click to View	
7/24/1974	Biennial Report	Click to View	
12/31/1974	Biennial Report	Click to View	
12/31/1975	Biennial Report	Click to View	
12/31/1976	Biennial Report	Click to View	
2/21/1978	Agent Change	Click to View	
8/23/1978	Biennial Report	Click to View	
9/19/1979	Biennial Report	Click to View	
11/16/1981	Reinstatement	Click to View	
11/16/1981	Withdraw/Dissolve/Cancel	Click to View	
11/23/1981	Biennial Report	Click to View	
11/23/1981	Agent Change	Click to View	
5/11/1988	Biennial Report		
5/07/1990	Biennial Report		
6/04/1992	Biennial Report	Click to View	
6/07/1994	Biennial Report	Click to View	
9/28/1994	Amendment	Click to View	
9/28/1994	Amendment	Click to View	
9/28/1994	Restated (NO AMENDMENT)	Click to View	
10/31/1996	Biennial Report	Click to View	
10/31/1996	Agent Change	Click to View	
6/04/1998	Biennial Report	Click to View	
12/15/2000	Biennial Report	Click to View	
10/30/2002	Biennial Report		
3/25/2003	Biennial Report		
7/19/2004	Biennial Report	Click to View	
7/07/2006	Biennial Report	Click to View	
4/16/2008	Biennial Report	Click to View	
3/18/2011	Biennial Report	Click to View	
6/30/2011	Agent Change	Click to View	
5/24/2012	Biennial Report	Click to View	

Date Filed	Type	Filing	Certificate
4/28/2014	Biennial Report	Click to View	
4/05/2016	Biennial Report	Click to View	
5/16/2018	Biennial Report	Click to View	
10/05/2018	Agent Change	Click to View	
7/10/2020	Biennial Report	Click to View	
5/23/2022	Biennial Report	Click to View	

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Manifest for Grant Application # GRANT13862126

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 32700 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16039 bytes)

2. Form SF424A-V1.0.pdf (size 22468 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40263 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15926 bytes)

5. Form SF424_4_0-V4.0.pdf (size 24073 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37279 bytes)

Attachments Included in Zip File (total 21):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1246-loi_aea_usea_ejcps_shenanigans.pdf application/pdf (size 91752 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-loi_aea_usea_ejcps_desh_gaming_lounge.pdf application/pdf (size 69977 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-loi_aea_usea_ejcps_contender.pdf application/pdf (size 215709 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1245-loi_aea_usea_ejcps_legacy_gaming.pdf application/pdf (size 70723 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1243-loi_aea_usea_ejcps_gamesync.pdf application/pdf (size 221419 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1248-loi_aea_usea_ejcps_triangle_esports_academy.pdf application/pdf (size 106654 bytes)

7. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1247-loi_aea_usea_ejcps_the_vault_legacy.pdf application/pdf (size 6533643 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1242-loi_aea_usea_ejcps_esports_cave.pdf application/pdf (size 48596 bytes)

9. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1244-loi_aea_usea_ejcps_laughing_coffin.pdf application/pdf (size 418563 bytes)

10. SF424_4_0 SF424_4_0-1254-aea_usea_ejcps23_cds.pdf application/pdf (size 27028 bytes)

11. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1252-aea_usea_ejcps23_main-1.pdf application/pdf (size 209667 bytes)

12. SF424_4_0 SF424_4_0-AdditionalProjectTitle-1253-aea_usea_ejcps23_main-1.pdf application/pdf (size 209667 bytes)

13. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1250-loi_usea_ejcps_aea.pdf application/pdf (size 32989 bytes)

14. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1249-loi_aea_usea_ejcps_warguts.pdf application/pdf (size 42501 bytes)

15. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1251-smallsetaside.pdf application/pdf (size 24144 bytes)

16. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-aea_usea_ejcps23_logicmodel.docx application/vnd.openxmlformats-officedocument.wordprocessingml.document (size 202911 bytes)

17. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1234-aea_usea_ejcps23_budget.docx.pdf application/pdf (size 74403 bytes)

18. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-sarah_resume.png image/png (size 206718 bytes)

19. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-501C3 approval_1.pdf application/pdf (size 469512 bytes)

20. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-Wyatt Pursley Resume esports.eco.pdf application/pdf (size 61178 bytes)

21. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-victoria_resume-1.pdf application/pdf (size 70776 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-AML_Budget Detail.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-AML_Project Narrative and Work Plan.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	66.306	$	$	$ 450,628.00	$ 45,063.00	$ 495,691.00
2.						
3.						
4.						
5. Totals		$	$	$ 450,628.00	$ 45,063.00	$ 495,691.00

Standard Form 424A (Rev. 7- 97)
Prescribed by OMB (Circular A -102) Page 1

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	(2)	(3)	(4)	Total (5)
a. Personnel	$ 172,235.00	$	$	$	$ 172,235.00
b. Fringe Benefits	53,393.00				53,393.00
c. Travel	60,000.00				60,000.00
d. Equipment					
e. Supplies	7,500.00				7,500.00
f. Contractual					
g. Construction					
h. Other	157,500.00				157,500.00
i. Total Direct Charges (sum of 6a-6h)	450,628.00				$ 450,628.00
j. Indirect Charges	45,063.00				$ 45,063.00
k. TOTALS (sum of 6i and 6j)	$ 495,691.00	$	$	$	$ 495,691.00
7. Program Income	$ 0.00	$	$	$	$ 0.00

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Prescribed by OMB (Circular A -102) Page 1A

SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 163,197.00	$ 40,799.00	$ 40,799.00	$ 40,800.00	$ 40,799.00
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 163,197.00	$ 40,799.00	$ 40,799.00	$ 40,800.00	$ 40,799.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	$ 163,197.00	$ 165,213.00	$ 167,281.00	$ 495,691.00
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 163,197.00	$ 165,213.00	$ 167,281.00	$ 495,691.00

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: 450628

22. Indirect Charges: 45063

23. Remarks:

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AML HIA Climate Planning - Budget Detail

	Description	Total

Personnel	• Project Manager
	  ○ This position will oversee the project coordinator, and is responsible for coordination with other agencies, overall program evaluation and staff performance, and is the responsible authority for ensuring necessary reports and documentation are submitted according to the agreement and NOFO guidance. The Project Manager will provide 5% of their time of an annual salary of $130,000 ($6,500 for the first year, increasing by 1.5% each year to account for inflation (for a total of $19,794).
	• Project Coordinator
	  ○ This position directs the overall operation of the project; responsible for overseeing the implementation of project activities, development of materials, provision of in-service and training, conducting meetings and coordinating with agencies, designs and directs the gathering, monitoring, tabulating and interpreting of required data. This position relates to all program objectives. The Project Coordinator will provide 60% of their time of an annual salary of $90,000 ($54,000 for the first year, increasing by 1.5% each year to account for inflation (for a total of $164,442).
		$184,236

Fringe Benefits	The fringe benefit rate for full-time employees is calculated at 30.65%. Fringe includes Social Security, Medicare, and Unemployment of 8.65%; Health and Life Insurance of 17%; and Retirement benefits of 5%.	$56,468
Travel	There are no travel costs.	$0
Equipment	There are no equipment costs.	$0
Supplies	Supplies for in-person trainings and education = $2,500/year. • Flip charts ($150), markers ($50), miscellaneous supplies ($500), printed materials for participants ($750). • Printed materials for informing communities, and outreach: $1,050	$7,500
Contractual	There are no contractual costs.	$0
Construction	There are no construction costs.	$0

Indirect Costs	The project is applying less than a *de minimus* indirect rate of 8%.	$36,836

Other	• Subaward to University of Alaska Anchorage for project activities = $150,000.
	  ○ Senior Personnel: 240 hours at $57.28/hour, plus 28.3% fringe; with 2.5% annual increase.
	  ○ Other Personnel: 1573.76 hours at $29.82/hour, plus 38.5% fringe; with 2.5% annual increase.
	• Travel scholarships for attendees = $20,000/year
	  ○ Travel stipends will be available for 20 participants, at $1,000 each. Average expectation is $650 for airfare (rural community), $150 for lodging (one night), and $200 for per diem (1.5 days). Airfare costs will vary by location.
	• In-person training at conference sessions = $750/year/
	  ○ One day annual training with AV ($250) and room rental ($500).
		$212,250

Total		$497,291

EJCPS Logic Model

Alaska Coastal Resilience

Resources / Inputs	Activities	Outputs	Audience	Short-term Outcomes
Partners	Conduct Health Impact Assessment in communities	25 communities will receive technical assistance for resilience funding	Local governments	Increased opportunity for regional partnerships
Access to resources	Host monthly resilience calls	25 climate resilience plans produced	Regional nonprofits	Increased awareness of social determinants of health
Staff time	Provide asset management training	Model health impact assessment shared with 165 local governments	Tribal governments	More familiarity with asset management
AML members	Establish community advisory board	Model climate resilience plan shared with 165 local governments	Utilities	Local governments with more access to resilience resources
Technical expertise	Establish local resilience planning committees	Alaska asset managament materials produced	Community planners	
	Provide technical planning assistance to communities	2,500 rural residents receive information from project participants about resilience as it applies to environmental justice		
	Conduct outreach for funding opportunities	25 LRPCs formed in coastal communities		

Intermediate Outcomes	Long-term Outcomes
Increased competitiveness for federal investment	Increased awareness of environmental justice, and support for related initiatives
More planning tools available for communities	Project readiness for climate action
Progress on updating or developing hazard mitigation plans	Climate resilience plans implemented by local governments
Increase in number of local government officials with EJ training	Hazard mitigation plans implimented by local governments

4/10/23

United States Esports Association
100 N Howard Str., Ste W
Spokane, WA 99201

Amateur Esports Association
922 N 2nd St.
Jenks, OK 74037

Dear Eliot J. Oreskovic and Wyatt Pursley,

My name is Israel Derrick, and I am the General Manager of Legacy Airsoft and Gaming, which is an Esports venue with 42PCs and 24 consoles / Indoor Airsoft arena located in Amarillo,TX. Legacy Airsoft and Gaming is excited to support the United States Esports Association's application for the 2023 EJCPS cooperative agreement opportunity with the federal EPA.

We are committed to working with both the United States Esports Association and the Amateur Esports Association throughout the performance period as required by your application. In particular, we accept our roles and responsibilities as a project partner as follows:

- We will conduct metering at our location and share venue electricity consumption data;
- Our staff will participate in educational-informational workshops, as organized; and
- We will participate as a founding partner in the voluntary consensus organization.

Legacy Airsoft and Gaming has a prior non-financial relationship with the Amateur Esports Association as a member club in their club-based esports competitions. We are deeply committed to the success of Amarillo and the wellbeing of our residents. To support the community, we have held multiple events to help not only esport grow in the highschool and in our area but have decided ourselves to put Amarillo on the Map as a premiere place to experience Esports. My staff and I also believe in how local esports can unify and help the community and bring opportunities to the youth of this area.

If selected, Legacy Airsoft and Gaming will participate in your project in the manner described above. We look forward to supporting this foundational effort towards making local esports an anchor institution for all communities and supporting the development of esports ecology.

Thank you,

Israel Derrick

Technical Guidance for Health Impact Assessment In Alaska

2015

Version 2.0

Prepared by:
State of Alaska Health Impact Assessment Program
Department of Health and Social Services

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Acronyms

ADHSS	Alaska Department of Health and Social Services
ADNR	Alaska Department of Natural Resources
ANTHC	Alaska Native Tribal Health Consortium
ATSDR	Agency for Toxic Substances and Disease Registry
BRFSS	Behavioral Risk Factor Surveillance System
CDC	U.S. Centers for Disease Control and Prevention
CE	Categorical Exclusions
CEQ	Council on Environmental Quality
CFR	Code of Federal Regulations
CSM	Conceptual Site Model
DSS	Demographic Surveillance Systems
DHHS	Department of Health and Human Services
EA	Environmental Assessment
EHA	Environmental Health Area
EIS	Environmental Impact Statement
EJ	Environmental Justice
EPA	Environmental Protection Agency
HAP	Health Action Plan
HEC	Health Effects Categories
HIA	Health Impact Assessment
HIPAA	Health Insurance Portability and Accountability Act
ICMM	International Council on Mining and Metals
IPIECA	International Petroleum Industry Environmental and Conservation Association
IFC	International Finance Corporation
IRB	Institutional Review Board
KPI	Key Performance Indicator
LMPT	Large Mine Permitting Team
M&E	Monitoring and Evaluation
NEPA	National Environmental Policy Act of 1969, as Amended
NPR-A	National Petroleum Reserve Alaska
NRC	National Research Council
OPMP	Office of Project Management and Permitting
PAC	Potentially Affected Communities
SDH	Social Determinants of Health
STI	Sexually Transmitted Infection
WHO	World Health Organization

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Introduction

What is Health Impact Assessment?

A health impact assessment (HIA) is a structured planning and decision-making process that analyzes the potential positive and negative impacts of programs, projects, and policies on the public's health. Health impact assessments are performed *prior* to program, project, or policy implementation.

The HIA process has several key characteristics:

- Focused: evaluates a specific policy, program, or project proposal
- Balanced: considers potential positive and negative health impacts
- Multi-dimensional: considers many dimensions of population health, including both outcomes and determinants
- Multidisciplinary: incorporates information from many disciplines that influence health
- Flexible: evaluates actions of varying size and complexity, in a variety of settings
- Adaptable: the scope can be wide ranging or focused on a limited set of issues of particular concern; similarly, some aspects of a project may require in-depth evaluation and field studies, while others may only require a desktop analysis
- Transparent: the process is open and transparent to the public

In Alaska, funding and completion of an HIA is strictly voluntary. Neither Alaska law nor federal law mandates the completion of an HIA for any purpose, including for major resource development projects, new programs, or policies.

The goal of this toolkit is to help HIA practitioners prepare high-quality documents that inform decision makers about potential impacts to human health. The toolkit also helps help state and federal agency policy-makers and project applicants understand when an HIA may be helpful and how to integrate an HIA with the regulatory process and with the decision-making process. Because HIAs are voluntary, anyone can propose or perform one in Alaska. However, this document is intended to be a technical resource for HIA practitioners and provide details regarding the general HIA process in the Alaskan context.

Why perform HIAs in Alaska?

Alaska has a rich and widespread distribution of natural resources throughout the state. Alaska also has many communities located in rural areas throughout the state that are highly dependent on subsistence hunting and gathering. Resource development has the potential to bring substantive changes to rural and indigenous communities that are located in close proximity to the project. These changes can include revitalization of communities through economic growth and community projects, and/or they can include environmental exposure to toxins, interference with subsistence activities, and disruption to communities. Because the interaction between natural resource development and human health is dynamic and complex, HIAs provide an opportunity to identify both the health benefits and the potential health risks in any proposed resource development project, public policy, or new public program. When project applicants and policy makers invest time and resources to understand health impacts in advance, they enable opportunities to contribute to improving health status in communities,

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reducing future health care costs, and lowering potential mitigation costs. They can also provide some assurance that human health has been carefully considered in decisions that affect the public.

HIA is an important tool that can help developers and policy-makers understand both negative and positive health effects of a proposed project. It can help developers create plans to enhance positive effects and reduce negative effects in a manner that fits Alaska's unique environmental, cultural, social, and public health context. Resource development is not the only area in which HIA is applicable. Other areas where HIA may be useful in Alaska include food policy, development of transportation infrastructure, emergency preparedness planning, and climate change response planning.

Here are some key aspects of HIA in Alaska:

- HIAs for resource development in Alaska are typically done as part of the National Environmental Policy Act (NEPA) process, when a lead federal agency determines that the impacts to human health should be evaluated as part of an Environmental Impact Statement (EIS) process.The primary goal of the HIA process is to address human health as part of resource development projects in Alaska. Generally, laws, regulations, and environmental standards are already in place for permits that are intended to protect human health. It is not the intent of the HIA to duplicate or undermine these.
- HIA is collaborative and is always done in close cooperation with all of the stakeholders and permitting agencies that are involved in a particular project, to help ensure that all permits are consistent and not conflicting with each other.

Alaska depends heavily on its natural resources for its economy, and therefore the health and economic well-being of its people. This HIA toolkit is a resource that will assist HIA practitioners in preparing high-quality, focused HIAs that inform stakeholders in detail regarding human health impacts, both positive and negative.

What is the history of HIA in Alaska?

The earliest HIAs in Alaska were written for an extension of the Red Dog Mine and a federal lease sale permit for the National Petroleum Reserve Alaska (NPR-A). These HIAs addressed key health considerations that the public raised during scoping for EISs during the NEPA and permitting processes. These early efforts, however, were lengthy, complex processes that revealed the need for technical guidance to support future HIAs in the state.

During September 8–10, 2008, the Alaska Native Tribal Health Consortium (ANTHC), the Alaska Department of Health and Social Services (ADHSS), and the U.S. Centers for Disease Control and Prevention (CDC) jointly hosted a workshop on HIA in Anchorage, Alaska. At the conclusion of this workshop, attendees were invited to participate in a working group, which convened regularly to guide the development of this HIA guidance document (also known as the "Alaska HIA Toolkit"). The working group reviewed a wide variety of scientific literature and HIA guidance documents, including the International Finance Corporation (IFC) "HIA Toolkit", which informs several sections of this guidance document.

The working group inserted Alaska-specific concerns where needed, such as subsistence nutrition and stakeholder engagement. To meet an operational need to maintain and update the HIA toolkit and coordinate the working group, ADHSS and the Alaska Department of

Natural Resources (ADNR) volunteered to accept a co-leadership role by jointly funding an HIA program. ADNR and ADHSS also serve a role in initiating and facilitating HIAs in parallel with the regulatory process for natural resource development projects.

The ADHSS HIA program is not a regulatory entity, but rather exists as a state resource to guide the development of HIA activities in Alaska. ADHSS maintains the Alaska HIA Toolkit and provides the most current version on the HIA Program website. ADHSS, including through the use of third party consultants, can also play the role of lead HIA practitioner for a project. Alternately, to provide flexibility for applicants or other agencies to lead the development of HIAs, ADHSS's role may be to review HIAs developed by other parties.

While ADHSS serves in this organizational leadership role, the HIA Program relies on robust participation from all partners affected by HIA-related projects. The Office of Project Management and Permitting (OPMP) at ADNR, which coordinates the review of larger scale projects in the State, facilitates multi-agency involvement in the scoping process and in the review of any HIA draft documents that may be being prepared. Involvement of these agencies brings in specific environmental and health expertise and ensures that the HIA is fully informed of all regulations, policies, and programs already in place to protect human health.

How can HIAs be developed simultaneously with the NEPA process?

The National Environmental Policy Act (NEPA) process requires a federal agency to evaluate the relevant environmental effects from actions that fall within its jurisdiction, such as issuing regulations, issuing permits, and making land management decisions. Agencies comply with NEPA via three different pathways. Categorical Exclusions (CEs) apply to categories of actions that the agency has decided do not individually or cumulatively have a significant effect. Federal agencies develop Environmental Assessments (EAs) to evaluate specific projects that are not expected to have significant environmental impacts. EISs are prepared for major federal actions that have the potential to significantly affect the environment. Large natural resource development projects typically involve preparation of an EIS.

NEPA mandates that federal agencies responsible for preparing EISs do so in cooperation with state and local governments (including tribal governments) and other federal agencies with jurisdiction by law or special expertise. Cooperating agencies assist the lead agency in developing the EIS. EISs for natural resource development projects will often include a number of agencies that are formally designated as cooperating agencies. The State of Alaska generally accepts cooperating agency status, with ADNR Office of Project Management and Permitting (OPMP) acting as the lead state agency in coordinating the input of other state agencies.

When the ADHSS HIA program develops an HIA for a project, ADHSS functions as part of the state interagency team that is coordinated by ADNR/OPMP. ADHSS brings its expertise to the team, along with the subject matter experts from the other state agencies, typically the departments of Natural Resources, Fish and Game, Environmental Conservation, Transportation and Public Facilities, and Commerce and Community Development.

Documentation
The purpose of NEPA is "to promote efforts which will prevent or eliminate damage to the environment and biosphere and stimulate the health and welfare of man" (National Environmental Policy Act, 1969; Sec. 2 [42 USC § 4321]). The EIS is documentary evidence

that the requirements of NEPA have been satisfied.

Where the assessment of health impacts has been raised as an issue that needs to be addressed in the EIS, the lead federal agency may request that an HIA be developed to evaluate potential public health impacts. As discussed above, assessment of health using HIA methodology was included in several past EISs (Point Thomson, Red Dog Aqqaluk and NPR-A). An HIA was not developed for the more recent Greens Creek Mine Supplemental EIS. The determination of whether or not to evaluate health impacts and the methodology to do so is based on project-specific considerations.

Where an HIA is developed during the EIS process, the HIA may be a "stand-alone" HIA document to be included as an appendix to the draft or final EIS or it may be included in the Administrative Record as a reference. The federal agency, as the lead agency for developing the EIS, will make these decisions. "Stand-alone" means that the HIA remains as a single document that can be read from start to finish, with its own table of contents and internal logic and reference structure. EIS contractors can use the stand-alone HIA for technical information to inform the overall EIS or to create a specific health section within the EIS. The HIA program can also advise the EIS contractor how to interpret the HIA and integrate the technical information into its document.

Schedule

For a large natural resource or other infrastructure development project, the start of the NEPA public review process typically occurs when a federal agency publishes a notice of intent to prepare an EIS in the federal register. Prior to the notice of intent, a project proponent conducts a number of environmental studies in support of its initial application to a federal agency; much of these baseline data and analyses are used by the lead federal agency's EIS contractor for the analysis of potential impacts. During this period, some federal agencies may conduct a highly formal and public process, require submission of study plans, and hold public comment periods on the study plans. Other federal agencies allow this baseline period to unfold in an informal manner, without study plans or public review cycles, until the statement of intent is filed. If an HIA is also to be prepared for a project, it is important for the lead federal agency to request an HIA practitioner (e.g., the Alaska HIA Program, a private contractor, a tribal government or agency, etc.) and integrate the HIA and EIS processes as early as possible in the schedule. As such, the lead federal agency should work with the State in planning the HIA process before preparation of the notice of intent if possible. In addition, coordination of data collection activities to meet the needs of the EIS and HIA ideally occurs during the baseline data collection period. This typically involves early and frequent communication with the project proponent. This early coordination promotes cooperative planning of field studies and data gathering with other environmental baseline studies, which reduces survey fatigue in communities and the overall cost of field work, decreases the risk of delays, and provides an opportunity for health input into the creation of project "alternatives."

Assuming that the HIA is planned to be included as an appendix or reference for the EIS, a draft HIA should be available concurrent with publication of the draft EIS. If revisions are required, the revised HIA should be available along with the final EIS.

Recommendations

When completed, the HIA may provide recommendations that address the potential benefits and adverse impacts discovered during the study. Formal decisions regarding health recommendations, if any are identified, belong to the lead federal agency and would be included in the public health sections of the EIS. Ultimately, the federal agency decides

whether health impacts are significant, whether recommended actions are appropriate, and which actions, if any, are included as stipulations in a record of decision.

How does an HIA incorporate information from Economic and Social Impact Analyses?

An HIA relies, in part, on data from economic and social impact assessments and attempts to avoid duplicative research efforts whenever possible. Information from these assessments, such as income, employment, education, and local economic profiles is then used in the HIA to examine a series of health impacts known as the Social Determinants of Health (SDH). This will be described in further detail in Section 4.

What are the objectives of this HIA toolkit?

- To explain the general context and history of HIA in Alaska
- To suggest methodologies that assess potential community health impacts of resource development projects in the State of Alaska
- To help HIA programs or independent practitioners develop a scope of work and/or specific work plans
- To guide HIA practitioners in implementing an Alaska-specific best practices approach to performing field studies and stakeholder engagement activities, rating potential impacts, and making final recommendations
- To allow the inclusion of potential human health impacts during the social and environmental impact assessment process
- To define the roles and responsibilities of project proponents, HIA practitioners, and the State, in the overall health impact process

What are the limitations of this toolkit?

The toolkit does not address "inside the fence" workplace safety and health issues. The toolkit does consider "cross-over" issues where workforce behaviors produce interactions with local communities. The toolkit also addresses the benefits and risks of workforce influx such as off-duty recreation, leisure activities, housing needs, and economic benefits to the local community.

The toolkit currently focuses on natural resource development projects, rather than on general policy or program impact assessment. The toolkit could be updated or expanded to cover areas outside of natural resource development as program or policy health impact assessments are performed in Alaska.

This toolkit is not intended to replace or supersede established protocols, but is designed to establish a consistent framework for examining potential health impacts when these impacts are considered in existing regulatory or planning processes.

Who is the intended audience of the HIA toolkit?

The HIA toolkit is primarily intended as a technical resource for HIA practitioners, but was also designed to be a useful reference document for other stakeholders, including federal and state

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regulatory agencies; local, state, tribal, and federal health agencies/departments; non-governmental entities; project proponents; and the public.

About This Document

Section 1 addresses a general background of the overall HIA practice. The critical role that the State of Alaska and the relevant tribal government health departments and tribal health organizations play in the overall process is described. General definitions of the different types of impacts (direct, indirect, and cumulative) within a health analysis are discussed.

Section 2 discusses how to decide whether to conduct an HIA. Some of the critical project features that can potentially produce health impacts are presented.

Section 3 describes the different types of HIAs. This section also discusses how to determine which type of HIA is appropriate for a given project.

Section 4 describes key health effect categories (HECs). These categories are similar to the environmental health areas (EHAs) concept that is widely discussed in the published international HIA literature. HECs are a key framework for organizing and analyzing the most likely types of potential impacts from a project. "Alaska-specific health effects" were developed as part of the collaborative work group effort.

Section 5 describes the scoping process for HIA, including how to coordinate the involvement of all relevant state agencies, and how to develop an appropriate work plan.

Section 6 considers the role of health-specific stakeholder engagement. Advance planning with the NEPA environmental and social teams to avoid duplication of effort is discussed.

Section 7 addresses baseline data collection and uses, including issues related to community surveys. The profound and ongoing baseline demographic shifts that are occurring in rural and urban Alaska are reviewed. The implications for positive or negative health impacts are considered. Available databases are presented along with their strengths and limitations.

Section 8 focuses on assessing and ranking health impacts and presents a standard qualitative model that is typically used in HIA. The section also describes the more quantitative aspects of chemical risk evaluation used by toxicologists and other health professionals.

Section 9 discusses how an HIA makes health recommendations, influencing the process for developing measures to avoid, minimize, rectify, reduce, or compensate for potentially significant impacts. Means to ensure that health prevention and promotion efforts are transparent, open, and considered throughout the overall HIA are discussed. The development of a Health Action Plan (HAP) is described including how the HAP may present verification processes to document success or failure in the achievement of key performance indicators (KPIs).

Section 10 provides a general discussion of monitoring and evaluation. The development of a reasonable and appropriate set of KPIs is a complex and difficult task that often requires technical assistance from the relevant public health authorities.

Section 11 focuses on the resources needed for conducting HIAs.

Section 1: General Background

Overview of HIA

This section of the toolkit introduces key terms, describes the HIA process, and explains the basic steps in an HIA. While many of these terms are useful for any type of HIA, this section is especially relevant to HIAs prepared for major natural resource development projects in Alaska.

Key Terms

Several key terms have a specific meaning in this guidance:

Health
For the purposes of this toolkit, health means "the reduction in mortality, morbidity and disability due to detectable disease or disorder, and an increase in the perceived level of health." This definition is from the World Health Organization (WHO) Regional Office for Europe "Health21" policy framework publication (WHO, 1999). As pointed out in this WHO publication, the WHO constitution in 1946 defined "health" as "*A state of complete physical, mental and social wellbeing and not merely the absence of disease or infirmity*." The 1946 WHO definition expresses an ideal that should guide all health development activities. But when it became clear that it was difficult to measure progress towards this ideal, WHO officials determined that they needed a narrower definition which recognized the difference between "aspirations" (striving for ideals of human health) and "operations" (striving to maintain and advance current human health status). The final phrase in the new definition still allows for the importance of one's perceived level of health.

Environmental Health
Environmental health is "the body of knowledge concerned with the prevention of disease through control of biological, chemical, or physical agents in the air, water, and food, and the control of environmental factors that may have an impact on the well-being of people." Environmental health encompasses the human living environment and stresses primary prevention based on engineering and design improvements (World Bank; Listorti, 1996).

This toolkit also understands environmental health to include human factors such as the social, economic, and physical context in which people live, work, and recreate. These environmental factors are referred to as the social determinants of health (SDH) and will be discussed in Section 4.

Impacts and Effects
"Impact" and "effect" are used interchangeably in this toolkit. Both beneficial and detrimental impacts will be considered, and they are usually classified into three types:

- **Direct** – an impact caused by an action and occurring at the same time and/or place
- **Indirect** – an impact that involves more than one causal step and often occurs later in time or farther removed in distance, but still reasonably foreseeable. In this toolkit, indirect impacts may arise from the way in which project features influence behavioral choices made by affected populations.
- **Cumulative** – caused by an action and when added to other past, present and

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reasonably foreseeable actions, may become collectively significant over a period of time. Cumulative impacts must be confined to periods of time that can be estimated or predicted with reasonable accuracy to maintain meaning and provide a constructive function.

The following definitions have been developed for the National Environmental Policy Act (NEPA), but are also useful for health impact analysis because of the emphasis on place and timing.

Affected Environment
The "affected environment" as used in the NEPA process refers to an area where impacts may be created by the project and alternatives under consideration by the lead agency. The HIA toolkit will adopt the same alternatives as used in the NEPA process.

Significance
In a NEPA analysis, "significance" is a level of impact that is determined by a federal regulatory agency, taking into account the context and intensity of the proposed action, and which triggers certain requirements under federal law. "NEPA significance" is defined in federal regulations under 40 CFR § 1508.27.

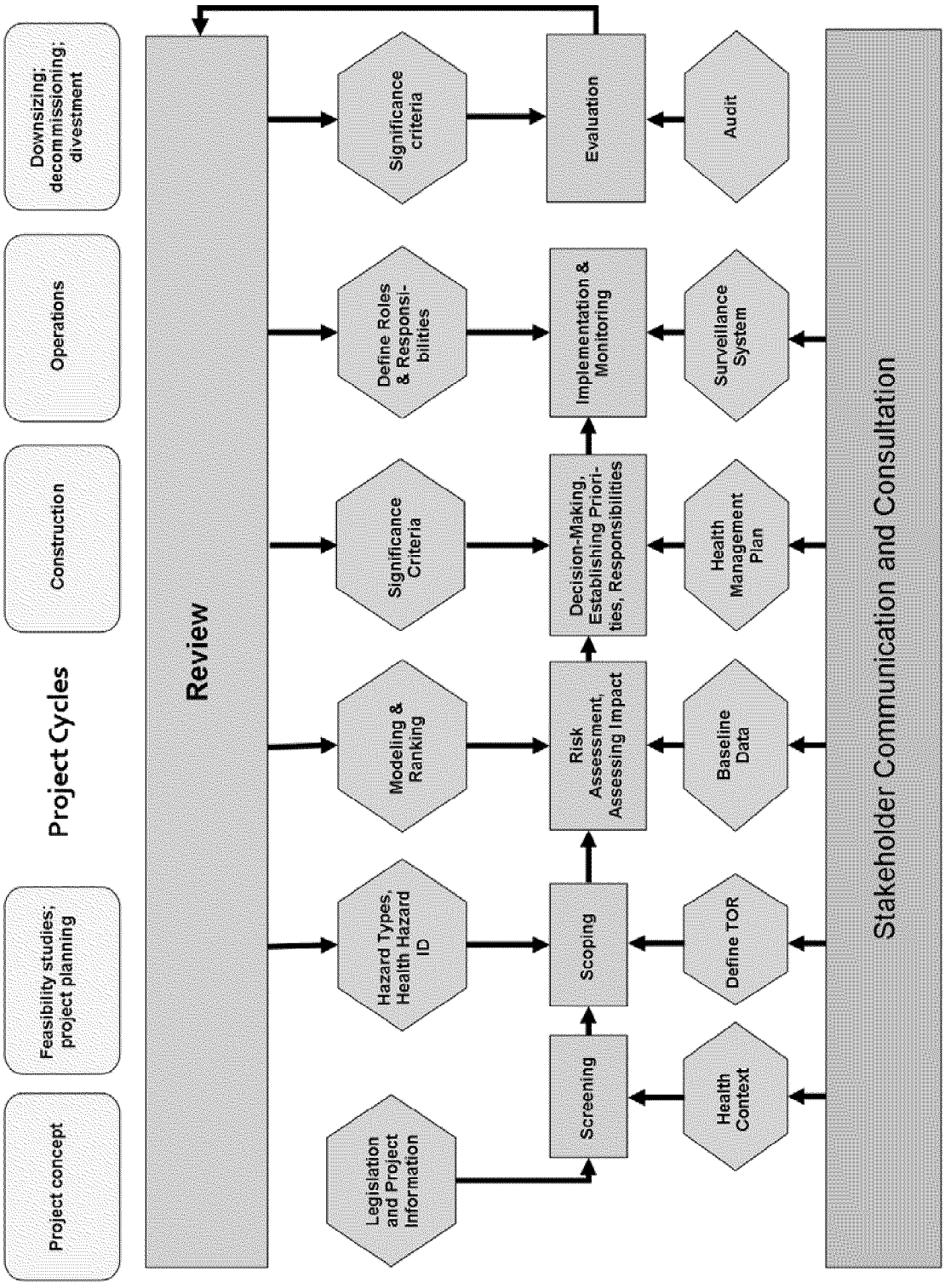
In the HIA document, however, "significance" has a broader meaning that is tied to recommendations in the HIA. Health impacts deemed to have a certain level of significance (usually Category 2 or higher, see Section 8) may act as a signal for the HIA practitioner, in consultation with the state agencies, to propose recommendations if relevant actionable recommendations exist. It is possible that a potential impact could be significant in the context of a stand-alone HIA, but not be deemed significant in the EIS under NEPA regulations.

Finally, it is important to underscore that the word "significance" as used in NEPA and HIA documents should not be confused with "statistical significance" used in scientific literature to describe the reliability of a statistical test result, which has a different meaning.

Social Determinants of Health (SDH)
The HIA toolkit adopts the CDC definition of SDH as "the circumstances in which people are born, grow up, live, work, and age, as well as the systems put in place to deal with illness. These circumstances are in turn shaped by a wider set of forces: economics, social policies, and politics." There are a variety of SDH models that are available including those from the WHO (2008).

HIA Process
The typical flow of the HIA process is represented in Figure 1.1 on the next page.

Figure 1.1 The HIA Roadmap (IFC, 2008)



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In the HIA roadmap, the yellow "project cycles" blocks illustrate the typical phases of resource development projects. The elements of an HIA may or may not follow the timing of the project sequence. The orange bar entitled "stakeholder communication and consultation" illustrates that stakeholders should have input throughout the entire process (see Section 6 for detailed comments on stakeholder engagement). The beige boxes indicate key activities performed during the various steps of an HIA. The blue boxes in the center are the main steps of the HIA process, which include:

- **Screening –** Preliminary evaluation to decide whether a project poses any noteworthy health questions, whether an HIA is warranted, and if so, what size HIA is appropriate.

- **Scoping –** During NEPA scoping, a vast array of health issues of potential concern can be considered or examined through project review, health data review, and stakeholder engagement. All available and relevant baseline health data is also gathered and summarized during this phase. Baseline health data collection is described in greater detail in Section 7. Near the close of the scoping phase, the HIA practitioner should be able to identify finite plausible health impacts, if any, and any existing data gaps. Scoping is described in more detail in Section 5 and Section 6.

- **Impact Ranking –** After the key health impacts are identified during the scoping process, the impacts can be ranked. The HIA toolkit uses a semi-quantitative method that accounts for the intensity, geographic extent, duration, and likelihood of health impacts. (See Section 8)

- **Health Action Plan (HAP) –** Based on the impact rankings developed in the risk assessment, the HIA practitioner can develop an HAP that makes recommendations to address important impacts. These recommendations can suggest ways to further maximize the health benefits or minimize identified health risks. (See Section 9)

- **Implementation and Monitoring –** After the HAP is developed, key stakeholders (including the project proponents) may develop action frameworks, allocation of resources, and monitoring systems that track progress towards the goals of the HAP. The monitoring plan should define appropriate key performance indicators. (See Section 10)

Section 2: Screening—Deciding to Conduct an HIA

The Screening phase determines if an HIA is appropriate for a project and, if so, what level of HIA is needed (i.e., desktop, rapid appraisal, comprehensive; see Section 3). Screening is typically the first phase of the HIA process, which may happen through formal or informal conversations or may be captured in brief documents that explain the rationale behind screening choices.

Currently most HIAs are developed as part of the NEPA process for a specific project. The lead federal agency typically makes the decision whether an HIA is appropriate for the project, and how it should be incorporated into the Environmental Impact Statement. The goal is to ensure that a discussion of human health impacts is brought into the NEPA process, as appropriate, and ultimately an actual HIA may not be necessary.

How are screening decisions made?

The proposed project plan is reviewed for factors that are known to influence human health. Because resource development projects are extremely diverse; there is not a rigid set of screening rules for an HIA. Instead, this toolkit suggests a number of indicators that may point to the fact that an HIA is needed, such as project design features, environmental contaminants of concern, social concerns, or community concerns.

What resources inform HIA screening decisions?

Screening decisions are based on the best available knowledge about the project and the best available information on human health in the affected areas. If an applicant has produced an initial health review, this may be useful in the screening process, along with an initial project description. Widely accepted best practices in the field are reflected in *Improving Health in the United States: The Role of Health Impact Assessment (National Research Council, 2011)* and *Practice Standards for Health Impact Assessment* (North American HIA Practice Standards Working Group, 2009). Additionally, several industry trade associations (e.g., International Council on Mining and Metals [ICMM] and International Petroleum Industry Conservation Association [IPIECA]) have detailed screening chapters in the HIA guidance documents for their members.

What if a governmental agency contacts the HIA practitioner?

Typically, a governmental agency (usually the lead federal agency for the NEPA process) will decide to conduct an HIA prior to finding someone to perform the study. After reviewing the decision of the requesting agency, the next step for the HIA practitioner is to determine the level of effort required for the HIA by gathering key screening information about the project. This screening review should succinctly state the likelihood of potential impacts and propose whether additional analysis is required. Since HIAs are voluntary studies, it is possible that an HIA could be performed in the absence of regulatory frameworks.

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What principles guide screening decisions?

The level of effort should be appropriate to the various aspects of the proposed project. Not all aspects of a project will necessarily require the same level of effort. The precise terminology that describes the level of HIA (i.e., desktop, rapid appraisal, comprehensive, see Section 3) is less critical than performing systematic and reproducible analyses. The agencies and the HIA practitioner should analyze every project using the same basic approach so that proponents and agencies can anticipate the steps and scale of the overall HIA process and plan accordingly. The screening process should be as transparent as possible.

What factors invite more in-depth health impact analysis?

The screening process reviews indicators that might include environmental, social, economic, and community concerns, as well as project characteristics.

Project characteristics

Prominent and new linear features with an emphasis on transport linkages

New linear features include airstrips, railway lines, power transmission lines, pipelines, roads, and rivers used as transportation conduits, where transportation conduits were not previously available or sufficiently developed. Linear features can create impacts because they allow new exposures between ecological and human communities, but can also bring significant benefits to the affected communities.

Impacts from new linear features are primarily related to increased access. New transportation routes can provide communities with greater access to medical and mental health facilities, educational and training facilities, and employment opportunities. Improved transportation also improves access to better and/or lower cost markets for goods and services and an increased range for subsistence activities.

Increased transportation access could also increase the potential for vehicular accidents and related injuries, expose communities to increased levels of dust and vehicle emissions, and provide new routes for the influx of alcohol and drugs. New travel routes could also change disease transmission patterns as workers stop in various communities along the route.

Linear features can also present physical barriers with the potential to change wildlife migration patterns, altering human accessibility to subsistence species. In some cases, linear barriers may also pose an impediment that limits human access within the region.

Large footprint facilities

Projects may require a large constellation of engineered facilities (e.g., tailings dams, ponds, roads, pipelines, and storage tanks) that are referred to as the physical footprint. For human health impacts, the project footprint may include communities affected by the movement of supplies and personnel, as well as locations where these entities interface with the public. The size of the project footprint is an important screening consideration.

Large projects in rural settings

When large projects occur in rural Alaskan settings the potential impacts are a complex mix. Large projects often bring substantial change to the economic, social, and physical factors that affect human health. These changes include local tax revenue, with subsequent effects on the overall standard of living, with monies potentially available for schools and new infrastructure. Personal incomes may also increase. The choices individuals make on how to spend their personal incomes are also complex; money may lead to increased drug and alcohol use, or it may enable the purchase of fresh produce and needed medications. A large project in a rural setting may also have profound effects on population in-migration, out-migration and family structure; opportunity for income may prevent families from having to separate in search of work, or it may bring increased pressure on local families asked to house distant relatives moving back into the region for work. The influx of new people into the communities may put increased pressure on existing local services, or it could mean an expansion of available services either directly provided by the project proponent or supported by new tax revenues.

Subsistence practices may benefit from increased access to subsistence use areas and financial resources for purchases of better transportation and hunting equipment. However, detrimental impacts to subsistence could include loss of subsistence use areas, animal avoidance of traditional use areas due to noise from a development project, and/or increased hunting competition.

The influx of a large workforce into a rural area can produce impacts as the new group of workers interfaces with small rural communities. Influx of new people may vitalize a community, or strain its services and infrastructure.

Project design and project policies may include measures to mitigate negative effects. Many rural facilities are fly in/fly out projects; employees are flown directly to the site and housed at the site to avoid any interface with the nearby communities. Additionally, rural projects often impose policies that prohibit hunting and fishing to minimize impacts of subsistence resources.

Local governance may also play an important role in how a development project impacts their communities. Zoning ordinances and policies for management of tax revenues will influence community outcomes.

Construction phase related influx

Potential impacts from the construction phase should also be examined in screening for an HIA. Construction activities may, in some cases, involve a greater influx of workers, and/or use temporary ‘camp conditions’ that differ from the operating project.

Exploration phase related influx

In general, exploration has the potential for health impacts related to access roads, helicopter noise, seismic activity, fuel storage, and personnel support.

In the typical rural Alaskan setting, the local population will be considered for employment or workers from other locations will be brought in via a fly in/fly out system. Exploration employees may be housed in remote camps or may utilize existing local lodges and other accommodations.

This may bring needed income to rural areas, particularly outside of the tourist season, and/or it may impose pressure on existing facilities and infrastructure. Some indirect impacts to the community could occur via influx of extended family job seekers.

In most cases, exploration activity occurs long before a project is defined for evaluation by an HIA, and is therefore not likely to be incorporated within a project HIA. Exploration, in and of itself, is unlikely to be of sufficient size and scope to warrant an EIS or an HIA.

Environmental concerns

Potential for hazardous material exposure

If a project has the potential to elevate human exposure to hazardous materials, this will usually indicate the need for a more in-depth HIA. The HIA practitioner should be aware that Alaska-specific exposure scenarios for chemicals are often different from those upon which federal standards are based. For example, rural residents eating a subsistence diet may be exposed to higher than expected levels of methyl mercury because fish constitutes a very large portion of their daily dietary intake. Consumption of fatty tissues from marine mammals (whale, seals, shark, and porpoise) is also common among Alaska Native peoples and may produce higher exposures to bio-accumulated compounds. This potential risk of elevated exposure levels may indicate a more in-depth environmental and human sampling for substances such as methyl mercury.

Air quality

Air emissions that are in compliance with permits are presumed to be protective of human health. Air quality issues associated with projects that may have unregulated emissions may invite the need for a more in-depth human health evaluation. For example, particulate deposition from fugitive dust that contains heavy metals or other potentially toxic substances may affect berries and other wild plants consumed in large quantities by local residents and subsistence species.

Water resources – quality, quantity and access

As with air, water emissions that are in compliance with permits are presumed to be protective of human health. Water access is a very important issue due the role it plays in subsistence issues, as well as community health and hygiene. Project features (e.g., dams, stream diversion, de-watering wells, drilling activities, etc.) that are likely to challenge water access or strain water delivery infrastructure may indicate the need for more in-depth health analysis. Also, projects can help to improve access to water. Many rural villages struggle to maintain adequate quantity and access to potable water supplies and depend heavily on clean water for their subsistence practices.

Subsistence resources, harvest, and practices

Project features that will affect subsistence resources are a key topic in rural settings that host Alaska Native communities. Subsistence concerns are cross-cutting because they affect the physical environment, social relationships, emotional well-being, and health behaviors. Projects that may influence key questions related to Alaskan subsistence practices are:

- **Quality** – Does the proposed project increase or decrease contaminant levels in subsistence resources (e.g., increased heavy metal concentrations)?

- **Access** – Does the proposed project limit or promote community access to subsistence resources for traditional user groups? Does the proposed project limit or promote access for new user groups, affecting competition for the resource?

- **Quantities** – Does the proposed project increase or decrease the quantity of the resources? Do changes in access benefit or negatively impact subsistence resource quantities?

Social Concerns

In addition to environmental concerns, some social issues may also identify the need for an in-depth HIA. Social analysis is often focused on these major areas:

Influx of workers or other individuals to a region

Influx can occur due to job seeking, commercial opportunities, small-scale trading, or extended-family in-migration. Significant influx may strain fragile local infrastructures, introduce new diseases, or disrupt social patterns, but could also revitalize a community where extensive outmigration has occurred due to a previous lack of employment opportunities. Increases in population can lead to the re-opening of schools that closed due to outmigration. The return of extended families can also reinstate traditional subsistence sharing practices, strengthen traditional practices, and strengthen familial bonds.

Screening decisions regarding the influx of workers should consider the size of the workforce, local hire commitments including training opportunities, and whether or not the work force will be housed at site on fly in/fly out basis.

Resettlement or relocation of villages or individuals

While unlikely in Alaska, resettlement and/or relocation can have significant direct, indirect, and cumulative health impacts. Impacts can vary from social and cultural disruption to changes in access to subsistence resources, for better or for worse. It is important for the HIA screening process to consider the distance and the characteristics of relocation. In circumstances where villages or individual homes are in areas subject to severe flooding or erosion, relocation may allow a village to maintain its functional existence within the region in lieu of outmigration to other villages and distant cities.

Economic concerns

Significant changes in income and expenditures for housing, food items, vehicles, and fuel may create a diverse array of positive and negative health effects. The range of potential effects is complex and very diverse. Projects that plan substantial recruiting from local populations may bring notable changes in income.

Equity

Equity involves the distribution of impacts for various community groups, identification of

potentially vulnerable populations, and identification of environmental justice (EJ) issues. EJ is the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies.

If screening and scoping indicates the possibility that there could be disproportionate health impacts or benefits to vulnerable populations, then an HIA may be useful to assess health effects. Federal agencies are required to address EJ during NEPA analyses. Council on Environmental Quality (CEQ) guidance recommends that federal agencies evaluate health and include an examination of relevant public health data as part of the EIS EJ analysis (CEQ 1997). EPA identifies HIA as a possible method for evaluating health in compliance with EJ requirements. While an HIA is not required to perform an EJ analysis, results of an HIA can inform the EJ analysis.

Community concerns

Strongly held community concerns may also serve as a reason for more in-depth HIA analyses. In many situations, especially concerning the fate and transport of potentially hazardous materials, stakeholders may voice concerns that arise from their experiences and perceptions. Regardless of the absolute validity of the concerns, it is important to provide information that reassures stakeholders that their issues will be addressed during the HIA. If strong community concerns overlap with a known gap in health data, this may be a reason to actively gather information from field studies or surveys.

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Section 3: Types of HIAs

For this toolkit, the key descriptive terms for the types of HIA are:

- Desktop
- Rapid appraisal
- Comprehensive

Each type requires a different approach to baseline data collection and stakeholder engagement, and requires different amounts of time (see Table 3.1).

Desktop HIA

The desktop HIA is a qualitative assessment and is most appropriate for projects with few anticipated health impacts. The desktop HIA ideally requires two to four weeks and it often does not warrant extensive stakeholder engagement, although some engagement may be useful. If a screening study is warranted, the desktop HIA can be a useful tool for these purposes.

In a desktop analysis, the following elements should be covered:

- Project background
- Scope of the HIA
- Brief project description including (i) location, (ii) site access, and (iii) schedule
- Potentially impacted areas (geography)
- Potentially affected communities (if any)
- Review of available subsistence data
- Community and/or external stakeholder concerns or comments
- Brief baseline analysis
- Potential health benefits and effects
- Risk and benefit analysis based on the standard health effects categories
- Recommendations
- Monitoring options for Key Performance Indicators (KPI)

Rapid Appraisal HIA

A rapid appraisal HIA is more in-depth than a desktop HIA and uses available or accessible health information *without* conducting new field survey work. What differentiates a rapid appraisal HIA from a desktop HIA is the inclusion of stakeholder and key informant analysis, as outlined in Table 3.1. Examples of data sources for a rapid appraisal include peer-reviewed scientific literature, health department databases, and tribal health service data sources. The rapid appraisal will review the elements of the desktop HIA in more detail.

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Comprehensive HIA

The hallmark of the comprehensive HIA is the collection of new field study data. Field studies address data gaps identified during the scoping process. A comprehensive HIA may be appropriate for large, complex projects that involve the following:

- Resettlement of existing communities
- Significant population influx
- Major disruption of subsistence practices
- Significant impacts, both positive and negative, to key SDH
- Information gaps related to a well-known aspect of a project

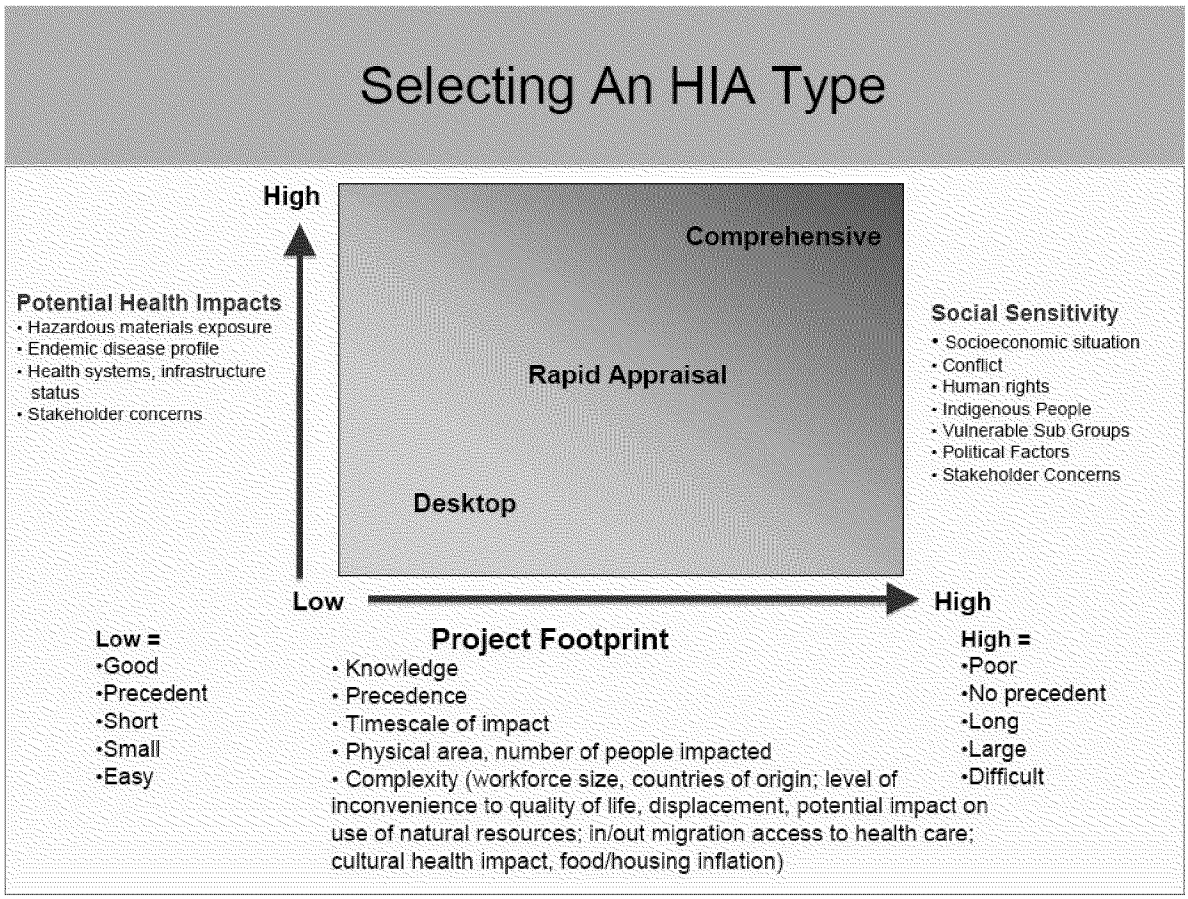
Table 3.1 Levels and Characteristics of HIAs

Level of HIA	Characteristics
Desktop HIA	Broad overview of possible health impacts Analysis of existing and accessible data No new data collection Usually takes an experienced assessor 2-4 weeks to perform the appropriate literature searches, analysis, and write-up
Rapid Appraisal HIA	Provides more detailed information of possible health impacts Analysis of existing data Stakeholder engagement, as warranted Stakeholder and key informant analysis No new data collection Typically takes a team of two experienced assessors 10-14 days in the field, followed by 4-8 weeks of analysis and document preparation, with literature (desktop) searches performed prior to the field work
Comprehensive HIA	Provides a comprehensive assessment of potential health impacts Robust definition of impacts Extensive stakeholder engagement New data collection Participatory approaches involving stakeholders and key informants Requires approximately 2-4 weeks of field work. In Alaska, community surveys often require a minimum of 4-6 months of pre-work to coordinate field studies with local communities. Field work in Alaska is heavily dependent on seasonal subsistence patterns.

How to Determine the Type of HIA

While there is no formal algorithm used to select the level of HIA, Figure 3.1 provides key factors to consider and a schematic for decision-making. As the size and nature of the project footprint increases, as the number of socially sensitive issues increases, and as the intensity of potential impacts increases, the level (desktop→rapid appraisal→comprehensive) of the HIA required increases. Projects that have just a few potential impacts, a small footprint, and few socially sensitive issues may be better served by a desktop HIA.

Figure 3.1 Selecting an HIA Type (IFC, 2008)



Section 4: Health Effects Categories (HECs)

A Health Effect Category (HEC) groups similar health effects so that they can be studied and discussed more easily. A health effect can be a health outcome (a documented health event, such as a clinic visit or the birth of an infant) or a health determinant (a social, environmental, or economic reality that influences health outcomes, such as education level or income). HECs supply the fundamental framework for scoping discussions and allow the HIA practitioner to systematically review each human health area in the light of a project design, a policy description, or a program description.

The HIA practitioner must always be mindful that the goal of the HIA for a resource development project, especially in rural Alaska, is to look at all possible health effects, both positive and negative. Resource development projects have the potential to bring significant positive benefits to a community if they are designed properly.

The table below presents a list of HECs that are relevant for natural resource development projects in Alaska. The HECs can be used for desktop, rapid appraisal, and comprehensive HIAs. It is important to note that the health outcomes and determinants in each category may be reduced (i.e., improved) or intensified (i.e., worsened) by the project.

Table 4.1 Health Effects Category Table

Health Effects Category	Pathway Description
Social Determinants of Health (SDH)	The SDH are the conditions in which people are born, grow, live, work and age. These circumstances are shaped by the distribution of money, power, access, and resources at global, national, state, regional, and local levels. The SDH are mostly responsible for health inequities -- the unfair and avoidable differences in health status seen within the state. This category reviews outcomes and determinants related to mental health, maternal and child health, substance use, social exclusion, psychosocial distress, historical trauma, family dynamics, economic status, educational status, social support systems, and employment status.
Accidents and Injuries	This category contains health outcomes and determinants related to accidents and injuries. The key outcomes considered are increases and decreases in intentional and unintentional injuries with fatal and nonfatal results. The key determinants in this category include items such as the presence of law enforcement, traffic patterns, alcohol involvement, distance to emergency services, and the presence of prevention programs.

Exposure to potentially hazardous materials	This category contains health outcomes and determinants that may arise from exposure to hazardous materials. The key health outcomes considered are increases and decreases in documented illnesses or exacerbation of illnesses commonly associated with pollutants of potential concern. These may be mediated through inhalation, ingestion, or physical contact.
Food, Nutrition, and Subsistence Activity	This category includes health outcomes and determinants related to food security, dietary choices, and the consumption of subsistence foods. The key health outcomes considered are nutrient levels, malnutrition or improvements in nutrient intake, and the subsequent increases or decreases in related diseases. The key determinants include diet composition, food security, and the consumption of subsistence foods.
Infectious Disease	This category includes health outcomes and determinants that result from infectious diseases. The key health outcomes include rates of increase or decrease for a range of infectious diseases, such as sexually transmitted infections (STI), respiratory illness, or skin infections. Important health determinants may include immunization rates, and the presence of infectious disease prevention efforts.
Water and Sanitation	This category includes changes to access, quantity, and quality of water supplies. Key determinants reviewed may include distance to clean water, water fluoridation, indoor plumbing, water treatment facilities, adequate volume of water resources, and the existence of community facilities, such as a washeteria and/or community showers.
Non-communicable and Chronic Diseases	This category includes health outcomes and determinants related to chronic disease. Important outcomes include increases or decreases in mortality and morbidity rates of cancer, cardiovascular and cerebrovascular diseases, diabetes, respiratory diseases, and mental health disorders. Key determinants for chronic diseases may include smoking rates, rates of alcohol and drug abuse, physical activity levels, presence of recreation centers, as well as cancer screening rates.

Health Services Infrastructure and Capacity	This category considers health outcomes and determinants related to health care access and health care infrastructure. Important outcomes include the increase or decrease in the number of medical evacuations, clinics or hospital visit trends, health expenditures, and medication usage. Health determinants may include distance to health facilities, medevac facilities/aircraft, the presence of community health aides, and the frequency of physician visits to the area.

Additional information on the Social Determinants of Health

It is widely accepted that human health is strongly influenced by a constellation of factors, such as political change, impoverishment, educational opportunity, family dynamics, historical trauma, and social integration. Social and health scientists often refer to these factors as "determinants" because their influence on health is so strong. The WHO definition describes the SDH as "the circumstances in which people are born, grow up, live, work and age, and the systems put in place to deal with illness." In rural Alaskan settings, communities often suffer from high rates of illness due to poor water quality and quantity, poor sanitation, inadequate shelter, indoor air pollution, limited access to appropriate medical care, and the inability to control exposure to infectious agents. Because these factors are complex and evidence may be sparse, it is important to make reasonable predictions about project effects on the SDH and to identify measurable outcomes.

Psychosocial Issues

The term psychosocial refers to social situations that produce psychological distress or psychological relief. Many adverse health behaviors are selected to cope with psychological distress just as many beneficial health choices are engaged during periods of psychological optimism and relief. In Alaska, poverty, rural isolation, urban isolation, cultural change, outmigration, historical trauma, and a host of other social factors can produce psychological distress. Project features should be reviewed with psychosocial issues in mind and overt sources of psychosocial distress should be identified. Some of the most challenging health issues for Alaskans are social and cultural changes that produce psychological distress resulting in adverse health behaviors (especially substance abuse and addictive behaviors) followed by depression and, in some cases, suicide. Psychological benefits are also important for project development as Alaskans realize opportunities for employment, economic growth, and personal development. There may be instances when a project's features clearly exacerbates or ameliorates a psychosocial issue and the associated health outcomes. The most common examples are community fear that a project will affect their subsistence foods and the hope that a new project will improve access to rural locations, lower costs of living, provide jobs, and improve economic status.

Individual Factors

Many SDH are strongly influenced by individual factors, such as genetic traits, lifestyle choices, and personal circumstances. Examples of individual determinants include gender, age, dietary intake, exercise patterns, alcohol and tobacco use, educational attainment, and employment. The causal relationship between a project and SDH for any given individual is very complex, but some level of causality can be predicted for subgroups within a community that share

certain individual traits (e.g., pregnant women).

Institutional Factors

Institutional factors refer to infrastructure and address the adequacy of public sector services, such as health care facilities, schools, transportation resources, sanitation, and communications infrastructure. It is especially important for the HIA practitioner to understand the project's potential impacts on the local health system since a large influx of workers can overwhelm already understaffed local health clinics, police departments, fire departments, emergency response services, and other critical public health and safety services. Positively, many large projects have their own internal medical services and have developed outreach programs with local clinics to benefit community health service delivery. In addition, projects can improve local economies, and one desirable outcome is better health care facilities and health program delivery. Finally, as part of their business practices, many project proponents encourage safe and healthy behaviors among their employees and these behaviors can serve as models for others in the workers' communities.

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Section 5: Scoping—Developing an Appropriate Work Plan

HIA scoping identifies the HECs to be evaluated and should focus on the key health concerns related to the project. Scoping also establishes the geographical, chronological, and demographic boundaries for the HIA. Before scoping occurs, the HIA practitioner should obtain general knowledge of the project, including its location, size, workforce, affected communities, operations, and likely exposures. A field visit to the project site and surrounding communities is standard practice to provide context for the HIA practitioner. The scoping process may result in a scoping summary and an HIA work plan that clarifies what issues will be considered and how work will be completed.

If the HIA is being developed under an EIS, then the analysis (scope) of health effects is generally limited to those that are potentially significant. The scope will need to address not just the proposed action, but alternatives to the proposed action that will be subject to analysis in the EIS (NEPA requires that EISs include an analysis of the proposed action, no action alternative, and a range of reasonable alternatives to the proposed action).

HIA scoping can be done independently, but typically it occurs as part of the NEPA process. NEPA scoping for large natural resource development projects in Alaska occurs during the early stages of the NEPA process, with public scoping meetings arranged by the lead federal agency. The HIA practitioner should work with the state's large project team (lead by the Office of Project Management and Permitting) to coordinate with the lead agency to ensure that NEPA scoping is inclusive of HIA issues. In a joint NEPA/HIA scoping process, the HIA practitioner should attend agency and public scoping meetings to listen for comments that are related to human health. Not all comments are presented orally, so the HIA practitioner should also review public and agency comments that are submitted in writing. If an HIA is being conducted independent of the NEPA process, HIA-specific scoping can be conducted through separate stakeholder meetings following similar protocols to the NEPA scoping process.

It is very useful to organize scoping comments according to the HECs presented in Section 4. While some interpretation and judgment is needed, this approach quickly clarifies what HECs receive the most attention from stakeholders and agencies. For example, general comments about subsistence resources can be placed in the Food, Nutrition, and Subsistence HEC. This approach allows comments to be grouped together, summarized, and discussed more effectively.

Once the HIA practitioner has understood the project features and reviewed scoping comments, a systematic review of the key outcomes and determinants in each HEC is very helpful. This systematic review also identifies interdependencies with social, economic, and environmental study teams, and promotes collaboration.

Establishing Reasonable Limits on HIA Scope

A limited scope means that the HIA practitioner will not address every conceivable health effect. Instead, scoping highlights health effects that produce potentially intense impacts—with persistent duration and broad geographical spread—that are highly likely to occur. There should be a clearly-defined causal chain between the project and the anticipated health effect. The HIA should also acknowledge that community perception of the project (not just physical project features) may cause behavioral changes where none would otherwise exist.

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Framing the Scope of the HIA

The HIA work plan should match the proportion of the anticipated health impacts and risks. A well-proportioned HIA allows health issues to be integrated into project planning in a timely and cost-effective manner. The HIA practitioner should consider the following questions as they create the work plan:

Will the HIA be a stand-alone document or integrated into an environmental impact statement?

Because HIAs follow a systematic methodology, an HIA should generally be developed as an independent stand-alone document. If an HIA is being developed in order to evaluate health impacts for an EIS, then the EIS will generally include sections on baseline health and potential health impacts of the proposed action and alternatives. The health sections in the EIS will draw upon the results of the HIA. The Federal Agency responsible for the EIS content may include the stand-alone HIA in the EIS as an appendix or it may be referred to in the list of references used to develop the EIS (as are other baseline and analytical reports used to support the EIS).

Does the HIA work plan adequately coordinate with the environmental and social assessment teams?

If an EIS is being conducted, there will be issues covered in the HIA that are interdependent with the social, economic, and environmental assessment teams. A chart of interdependencies between the various studies is a tool that can dramatically increase information sharing, reduce costs, reduce duplication of efforts, and reduce survey fatigue in communities.

For most resource development HIAs in Alaska, the HIA practitioner should collaborate with the state's large project team, which is led by the Office of Project Management, within the Department of Natural Resources. This team includes experts from all the relevant state agencies, including the departments of Natural Resources, Fish and Game, Environmental Conservation, and Health and Social Services.

Have the environmental, social, and health teams adequately mapped and selected the PACs and the geographical area of impact?

The HIA practitioner should understand and explain the different ways that the environmental, social, and health studies will describe the projected geographical scale of the project. The footprint and potentially affected communities (PACs) for the HIA may not always match the project footprint or the footprint of other studies.

During which stakeholder meetings will health discussions occur?

For projects that are engaged in the NEPA process, it is most efficient to hold joint stakeholder meetings for health discussions. This also reduces public burden and confusion that can arise from multiple meetings on a common project. The HIA practitioner should communicate with other project review teams and federal agencies if needed in order to join existing stakeholder meeting schedules where feasible. Joint meetings are highly encouraged, and should be the norm.

Has the HIA practitioner identified information gaps in documents

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produced by the project proponent?

In the early stages of project planning, proponents will commonly provide tentative design information that may not specify important project features such as the location of construction camps, the layout of transportation corridors, or the movement of materials. The HIA practitioner should carefully understand when these plans will be formalized and how potential changes may influence the anticipated health impacts. The HIA practitioner must understand as much as possible about the final project design and operations, including permit stipulations, preventative practices, and the amount, handling, and fate of potential contaminants of concern, such as metals (e.g., lead and mercury) or toxic chemicals used in the extraction process.

Defining Potentially Affected (Impacted) Communities (PACs)

During the scoping process, the HIA practitioner must define the PACs and be careful to identify vulnerable subgroups within these communities. This process is subjective and should be coordinated with the NEPA environmental and social teams if the project is under NEPA review. A set of clear criteria often allow PACs to be identified in a systematic way and facilitates the development of zones of impact for the project. Some sample criteria for PACs are communities with the following:

- Close geographic proximity to the project
- Potential changes to water sources and quantities
- Locations in potential unpermitted release areas for contaminants of concern due to spills and other accidental releases (e.g., plumes)
- High likelihood for influx, resettlement, or relocation
- Intense work force recruitment potential
- Historic map data of subsistence activities in the project area
- High likelihood for change in key subsistence resources
- High likelihood for change in transportation infrastructure
- Potential for economic change including regional staging centers
- Existing large burden of diseases or health problems
- Existing large burden of psychosocial distress (e.g., high rates of suicide)
- Existing high level of exposure to an environmental hazard
- Rural communities already experiencing high rates of health disparities

Key Performance Indicators (KPIs)

Ultimately, scoping may identify a handful of high-priority health impacts specifically related to the project. This group of impacts often becomes known as the Key Performance Indicators (KPIs). KPIs must be measurable and it is ideal if they are easy to monitor on a regular basis. An experienced HIA practitioner will use the scoping period to create KPIs for later use, as needed.

Potential Partners for HIA Practitioners Working in Alaska

The HIA practitioner will benefit from good relationships with a variety of partners involved with the process. Federal and state regulatory agencies will almost always be involved, as well as

local governments at the regional (borough), city, and village level (e.g. village councils). Each entity has unique information about the project, the local environment, and cultural and traditional practices important for completing the HIA and other assessments. In Alaska, there are a host of federally recognized Tribal governments and Alaska Native tribal organizations and affiliations that can be engaged prior to conducting an HIA for a given project. The HIA practitioner should be very careful to involve relevant tribal governments and organizations in the HIA process and keep them regularly apprised of decisions and progress. Tribal governments and organizations are an additional source of public health and epidemiologic expertise, and often maintain specialized databases, disease surveillance programs, and health records that are frequently the only sources of information needed to characterize the baseline health status of affected populations. The North Slope Borough and the Municipality of Anchorage are the only two "local" health departments in Alaska. The North Slope Borough has its own HIA program.

The Alaska Native Tribal Health Consortium manages statewide health services for all Alaska Native people, and provides umbrella healthcare and public health services to communities in Alaska. Southcentral Foundation provides healthcare services for a wide range of Alaska Native people within the Anchorage service unit (including 55 rural communities surrounding Anchorage) and together with ANTHC, manages the Alaska Native Medical Center.

In each region of the state, tribal health corporations exist to provide medical and public health services for communities within their region. A list of existing health corporations/consortiums are provided in Table 5.1.

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Table 5.1 Tribal Health Organizations

Alaska Native Health Board
Alaska Native Medical Center
Alaska Native Tribal Health Consortium
Alaska Tribal Health System
Aleutian Pribilof Islands Association
Annette Island Service Unit
Arctic Slope Native Association
Bristol Bay Area Health Corporation
Chickaloon Native Village
Chitina Traditional Indian Village Council
Chugachmiut
Cook Inlet Tribal Council
Copper River Native Association
Council of Athabascan Tribal Governments
Eastern Aleutian Tribes
Eklutna Native Village
Fairbanks Native Association
Kenaitze Indian Tribe
Ketchikan Indian Community
Knik Tribe
Kodiak Area Native Association
Maniilaq Association
Mt. Sanford Tribal Consortium
Native Village of Eyak
Ninilchik Traditional Council
Norton Sound Health Corporation
Seldovia Village Tribe
Southcentral Foundation
Southeast Alaska Regional Health Consortium
Tanana Chiefs Conference
Ukpeagvik Inupiat Corporation
Yukon-Kuskokwim Health Corporation

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Section 6: Stakeholder Engagement

Stakeholder engagement is an ongoing process that is useful for both obtaining input from and providing information back to key project stakeholders. Stakeholders are persons or groups who are affected by a project, as well as those who may have interest in a project or the ability to influence its outcome. In particular, stakeholders may include locally affected communities or individuals, their formal and informal representatives, national, tribal, or local government authorities, politicians, religious leaders, civil society organizations, special interest groups, the academic community, or third-party businesses.

For projects undergoing a NEPA process, the HIA should be integrated with stakeholder meetings held by the proponent and the lead federal agency, as well as the NEPA environmental and social review teams whenever feasible. Generally, the lead federal agency facilitates structured public meetings that can easily accommodate HIA activities. Including HIA in these meetings mitigates 'meeting fatigue' in communities. If possible, the HIA practitioner should avoid creating separate stakeholder engagement processes exclusively for health. For smaller projects, it may be reasonable to gather stakeholder input from public meetings or documentation of public comments.

The objectives of stakeholder engagement and public participation include:

- Providing project information and health information to stakeholders
- Obtaining public input on the nature of health risks and benefits posed by the project, and possible locally relevant solutions
- Ensuring that the analysis of potential impacts proceeds in a public, transparent and unbiased manner
- Obtaining information regarding local and traditional knowledge, scientific data, and other sources of information that may be available to contribute to a more complete HIA
- Building trust and collaboration between stakeholders
- Ensuring equal opportunities for participation by all stakeholders
- Refining stakeholder expectations about the scope of the HIA, its voluntary nature, and the discretion of agencies to implement (or not) HIA recommendations

The HIA should be conducted in a publicly transparent manner, with opportunity for public comment on:

- Scope of concerns to be addressed to be addressed through:
    - Scoping meetings
    - Written comments
    - Review of the draft scoping report
- The draft HIA including
    - Projected impacts on public health
    - Potential prevention and mitigation measures to address impacts
    - Monitoring and evaluation strategies
    - Recommendations

For projects under NEPA review, scoping and document reviews should be coordinated with the NEPA process, ideally with the state large projects team led by the Office of Project Management and Permitting. Every effort should be made to avoid duplicative community meetings as stakeholders can experience "consultation fatigue" just as easily as "survey

fatigue." One common approach to engaging stakeholders that can help avoid the problem of consultation fatigue is the use of an advisory committee comprised of representatives of key community organizations, industry, and other stakeholder organizations. Advisory committees can improve the quality and specificity of the analysis; help ensure that recommendations address community needs within the technical, financial, and legal limitations of the proposed action; and provide an efficient means of communicating results to key audiences. However, if used, such advisory committees must be carefully designed in collaboration with the other agencies.

Methodology

Due to the diverse projects and associated stakeholder groups, there is no single best method for conducting stakeholder engagement. Table 6.1 details the typical activities for stakeholder involvement when performing an HIA within the NEPA process.

Table 6.1. Common stakeholder engagement activities during an HIA

HIA Components	Stakeholder engagement activities
Screening	▪ Identify stakeholders ▪ Review documented stakeholder concern ▪ Meet with key stakeholder groups to identify health issues related to the proposed project
Scoping	▪ Attend scoping meetings with the EIS team (where stakeholders are provided information about the proposed project and are requested to provide comments) ▪ Document health issues identified by stakeholder during the scoping meetings ▪ Create a summary of health issues by health effect category ▪ Attend cooperating-agency meetings (where applicable federal, state, tribal, and local agencies provide input into the development of the EIS) ▪ Solicit stakeholder review and approval of health data summaries from fieldwork, if applicable ▪ Update stakeholder groups on HIA progress, especially regional and tribal health organizations
Impact Ranking	▪ Attend cooperating-agency meetings ▪ Update stakeholder groups on HIA progress ▪ Obtain data from relevant stakeholder groups (e.g. traditional knowledge, air quality, water quality)
Health Action Plan	▪ Attend cooperating-agency meetings ▪ Update stakeholder groups on HIA progress

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Implementation and Monitoring	▪ Present the findings of the HIA in the PACs ▪ Collaborate with relevant stakeholders to implement proposed monitoring activities, if applicable ▪ Collaborate with relevant stakeholders to collect data on selected KPIs ▪ Meet with stakeholder groups, as appropriate, to gather information on the results of the HIA

Upon the completion of the HIA, stakeholder engagement continues with public review of the document as it is included in the EIS. Stakeholders have the opportunity to comment on the draft HIA during the public review period for the draft EIS. The HIA practitioner will respond to the substantive comments and release a final version of the HIA when the final EIS is complete.

Cultural Considerations

Timing is essential to avoid conflicts between stakeholder meetings and subsistence activities and other community events. Careful coordination can enable attendance and participation in most cases. Participation improves when planners make attendance as convenient and enjoyable for the community as possible; as such, providing food, door prizes, and childcare can enhance attendance. It can be very useful to provide translators, particularly to enhance communication with elders that may not be fluent in English. This consideration should extend to advertisement of and written materials for stakeholder meetings. Since many local languages were not originally written languages, verbal communication in the native language is most effective.

Additional coordination with stakeholders in Alaska Native communities should be exercised in advance of significant stakeholder engagement activities. Many Alaska Native communities have a long history of being continually researched by various federal and state agencies and academic institutions. Some of this research has led to trauma within the communities and mistrust of research activities. The HIA practitioner should work with the community to build and maintain trust in the stakeholder process. If possible, the HIA practitioner should identify a contact, such as the director of the local health clinic, who can assist in identifying strategies to prevent additional trauma to participants during the stakeholder engagement process.

Participation

The geographic isolation of rural Alaskan communities, language barriers, seasonal subsistence activities, and the sheer number of small communities affected by large projects can frustrate efforts to coordinate meetings. Summer is a very challenging time for meeting with rural communities because many have departed for fishing or hunting opportunities. Winter can create transportation challenges in remote Alaska. Often, the shoulder seasons just prior to summer and just before winter are good times to coordinate visits with rural Alaskan communities. Every effort should be made to incorporate HIA-related community engagement with the existing public noticing and meeting processes used for environmental and social impact assessments of resource development projects.

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Section 7: Collecting and Reporting Baseline Data

Collecting and reporting baseline data is usually the first major analytic task for the HIA practitioner. The HIA practitioner should obtain as much data as possible regarding each high-priority issue identified (see Section 5). In many situations, careful literature searches, review of governmental (i.e., federal, state, tribal and local) and tribal information systems, and consultation with key stakeholders are sufficient. Occasionally, there are key data gaps that must be addressed through the collection of baseline field data (e.g., nutritional surveys). The data collection efforts should match the complexity and practical needs of the HIA and should avoid devolving into an academic exercise. It is always important to think about why the data need to be collected, how the data is relevant to the project, how the data relates to the overall final analysis of a project, and potential ramifications of the collection methodology on PACs. Data collection should also consider studies that will provide information in a manner that supports meaningful comparative analysis over time. Links to a large body of relevant health data organized by HEC may be found at www.epi.alaska.gov/hia/data.htm. Table 7.1 presents some examples of key information sources in Alaska.

Data collection for the HIA should begin as early as possible. For a typical resource development project in Alaska, baseline data collection may start many years before permit applications are actually submitted to the agencies, and before the NEPA process starts. The project proponent usually starts working with the state large project team with the Office of Project Management and Permitting during this pre-application phase. The HIA practicioner should be involved as early as possible so that they can coordinate the HIA baseline data collection with the efforts of the other agencies.

Table 7.1 Key Sources of Health Information in Alaska

- Published public health studies (literature review)
- State public health surveillance:
  - Reportable illnesses
  - Vital statistics
  - Alaska trauma registry
  - Health Facilities Data Reporting Program
- Tribal health databases:
  - Cancer registry
  - Diabetes registry
  - Trauma database
- Hospital health records:
  - Resource and Patient Management System
  - Cerner
- Other sources of health-related information:
  - Uniform crime reports
  - Family violence reporting
  - Community subsistence information system

Guidelines for Human Health Data Collection and Use

Unlike the collection and reporting of environmental data, the collection and use of human health data is governed by strict legal and ethical codes. This is especially true when accessing federal, state, local or tribal databases or collecting new health information in the field.

The HIA practitioner must be aware of local specifics related to health information and be prepared for the protracted timeframe required in obtaining institutional review board (IRB) approval for human subject research projects. In many cases, the difficulty, cost, and privacy concerns generated by human subject research means that only the most significant health issues will receive this level of investigation.

Most of the published public health surveillance reports in Alaska provide data at the statewide or regional level, but not at the village or community level. One reason for this is that health challenges can stigmatize rural Alaskan communities--this must be avoided at all costs. Another reason for limited data availability is that statistical validity is often not achieved at the village level since the numbers of cases for a given outcome are usually small. The State of Alaska does not release disaggregated results if the number of cases is less than six. In some cases, this situation can be remedied by creating zones of impact around a project and aggregating data from each zone. Zones increase the sample sizes involved, protect the privacy of individual communities, and provide useful information to the project proponent as well as regional health authorities.

In cases where low numbers or other concerns prevent public disclosure of baseline illness rates, it may be possible to obtain certain baseline data through collaboration with local or tribal health entities. Even if information cannot be reported publicly, the new baseline data collected can aid disease surveillance and service planning by municipal, tribal and state health agencies.

Many rural Alaskan communities contain a high percentage of Alaska Native peoples and these communities often track health information in a centralized computer database. In general, approval from tribal communities is required to access these records. *Under no circumstances may individually identifiable health information be included in any document related to a HIA.* HIA practitioners may need to review personal medical records in order to understand some disease conditions. Personal health information is protected under the federal Health Insurance Portability and Accountability Act (HIPAA), as well as applicable Institutional Review Board (IRB) guidelines (45 CFR Part 46), and institutional policies in the hospital, clinic, or other facility in which the records reside.

The U.S. Department of Health and Human Services (DHHS) has developed regulations that assure the protection of human subjects from research risks (45 CFR Part 46). The purpose of an IRB is to protect the rights and welfare of human subjects, to protect privacy, and to ensure that human data are used ethically and responsibly. It is often difficult to determine whether specific public health activities are subject to 45 CFR Part 46, because they cannot unambiguously be classified as either research or non-research. Guidelines and decision charts are provided by DHHS to assist public health practitioners in determining whether 45 CFR Part 46 regulations apply to specific activities occurring at the boundary between public health practice and research, such as data collection for HIAs. When in doubt, it is best to consult with the appropriate jurisdiction's IRB to request their assistance in classifying the

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project to ensure compliance with both the letter and spirit of 45 CFR Part 46. For projects involving tribal members as research subjects, the Alaska Area IRB is the appropriate entity to review research and data collection protocols.

In all cases, the HIA practitioner must work closely with ADHSS to identify the legal and ethical restrictions on collecting, evaluating, and reporting health statistics. As a general rule, collaboration with municipal, tribal, and state governments and health agencies is essential to ensure that health data are used in an appropriate manner.

Baseline Data Activities and Tasks

While each project is different, baseline data collection often occurs before proponents specify the design features for their project. Experienced HIA practitioners develop a standardized approach to baseline data collection. Again, the social and environmental review teams often produce baseline data that will be very useful to the HIA practitioner. In addition, these teams often perform survey work that can also be timed with HIA surveys during a comprehensive HIA.

Data Gaps Analysis

After the key baseline data have been reviewed, the HIA practitioner will need to assess if there are significant data gaps. This is a critical exercise so that a coherent and cost-effective plan for closing critical gaps can be created. Experience in Alaska indicates that several data gaps are likely to emerge, shown in Table 7.2. Further guidance for nutritional surveys and biomonitoring is contained in Appendix 4.

Table 7.2 Common Data Gaps for Alaskan HIAs

Data Gap	Potential baseline studies
Community morbidity patterns	• Discussion with local clinic staff • Review of a representative random sample of medical records • Body mass index measurements
Subsistence consumption	• Baseline nutritional surveys • Baseline food security (via representative survey)
Baseline contaminant levels	• Baseline study of contaminants in subsistence foods and in humans who consume the resource

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Subsistence Issues

Most of rural Alaska sustains a "mixed, subsistence-market" economy, wherein families invest money into small-scale, efficient technologies to harvest wild foods (ADF&G, 2000). In the non-urban areas of the state, many households depend on a mix of cash, subsistence (hunting, fishing and gathering), sharing, and non-cash trading. Potential impacts, either positive or negative, on subsistence resources can have large and persistent impacts on community health.

For Alaska Native peoples, subsistence is more than the harvesting, processing, sharing, and trading of marine and land mammals, fish, and plants. Subsistence embodies cultural, social, and spiritual values that are the essence of Alaska Native cultures (Braund, 2010). In addition, subsistence fishing, hunting, and gathering are important sources of nutrition and non-traditional employment in almost all rural communities. The Alaska Federation of Natives (AFN, 2010) describes subsistence as:

> "the hunting, fishing, and gathering activities which traditionally constituted the economic base of life for Alaska's Native peoples and which continue to flourish in many areas of the state today. ... Subsistence is a way of life in rural Alaska that is vital to the preservation of communities, tribal cultures, and economies. Subsistence resources have great nutritional, economical, cultural, and spiritual importance in the lives of rural Alaskans. …Subsistence, being integral to our worldview and among the strongest remaining ties to our ancient cultures, is as much spiritual and cultural, as it is physical."

According to Braund (2010), full-time, year-round wage employment has affected the pursuit of subsistence resources, both positively and negatively. It has positively affected the subsistence hunt by providing cash for snow machines, boats, motors, fuel, equipment, and ammunition required for the hunt. Negatively, however, full-time year-round employment limits the time a subsistence hunter can spend hunting to non-work hours (although often the subsistence hunter can share his or her equipment and resources with other family or community members). Remote employment may further limit the pursuit of subsistence resources, as hunters may be away working during the best times for harvesting in their home region. During midwinter, this time window is further limited by brief daylight hours. In summer, extensive hunting, fishing, and gathering activities can be pursued during non-work hours without any light limitation, but travel away from the road and trail system, without the advantages of snow travel, is limited to raised ground and waterways.

Employment policies should be reviewed to determine if work schedules and leave policies provide opportunities for subsistence activities; some remote natural resource developments work on a rotational basis that may allow for greater subsistence activity than more typical schedules.

EISs for natural resource development projects in Alaska include sections that evaluate baseline subsistence and impacts to subsistence from the project and alternatives. When a project is under NEPA review, the HIA practitioner should coordinate with the EIS team to incorporate the EIS team's subsistence data and analyses into the HIA. Impacts to subsistence may be positive, negative, or mixed. The HIA practitioner must consider how subsistence issues interact with the proposed project location, size, linear features, and number and variety of communities in reasonably close proximity to the project. Both direct and indirect impacts to subsistence must be considered during HIA baseline data collection planning.

Direct Impacts

- **Access** – If a project either limits or increases access to subsistence resources, this should be reviewed by the HIA practitioner. Economic growth and new access routes such as transportation corridors may increase the number of individuals (some from very distant communities) competing for a resource in a given area; it may also improve local access resulting in a net benefit to local subsistence users. Baseline data collection can confirm harvest patterns and stakeholder engagement can clarify subsistence practices before the project is implemented. NEPA environmental teams may also place great emphasis on access to subsistence resources. For projects under NEPA review, the HIA practitioner should utilize information collected by the NEPA environmental team to determine effects to human health and collaborate with the NEPA team to determine if additional data collection is warranted.

- **Quantity** – Project features that change the quantity (i.e., the number, size, and/or species) of a common subsistence resource are usually evaluated by the EIS team if the project is under NEPA review. For example, will the physical footprint (e.g., river diversion) of the project change the absolute number or size of certain critical fish species (e.g., salmon or pike) that support subsistence practices in local communities? Will the project include improvement projects such as habitat enhancement, fish hatcheries, or water treatment that minimize or improve subsistence resource numbers? The HIA practitioner should review these NEPA analyses to determine affects to human health.

- **Quality** – Project discharges may also change the quality of a resource or overall well-being of the resource. The HIA practitioner should understand the fate-transport pathways of potentially hazardous materials at the project location. Typically, a conceptual site model is created that describes how materials move in the environment and at what point subsistence resources may be affected. Prevention measures such as collection systems and containment should be incorporated into the evaluation.

  Quality can be affected by biomagnification, the process by which a substance builds up in the tissue of organisms in an ecosystem, such that the highest concentrations are found in the species at the top of the food chain. Large marine mammals in some areas of Alaska (e.g., whales, seals, otters) and certain freshwater fish (e.g., pike, Burbot) are examples of species that may accumulate toxins, such as mercury and polychlorinated biphenyls (PCBs). Tissue analyses of contaminants in marine mammal tissues are helpful for determining present vulnerability and provide a baseline for future comparative evaluations.

If the project will affect access and quantity or quality of a resource, the HIA practitioner may be directed to collect baseline nutritional data using dietary surveys. The point of a nutritional survey is to determine which foods are eaten and what relative quantities are eaten in a given region. The results of the survey should indicate the extent to which specific subsistence foods are relied upon for basic food security (quantity) as well as nutritional adequacy. Nutritional surveys focused on subsistence diets are one of the most common measures taken to address data gaps for Alaskan HIAs.

Indirect Impacts

The analyses of indirect impacts can be especially complex for subsistence issues. As a simple example, the presence of a development project may lead to rising incomes in a community, which may precipitate a variety of interrelated but independent choices for various members of the community. Some may use their improved economic standing to increase their engagement with subsistence living through the purchase of improved transportation and harvest equipment. Others may choose to use their new economic status to purchase prepared food from local sources and eat less subsistence foods, or to purchase healthy foods such as fresh produce to supplement their subsistence resources. The presence of individual choices renders this scenario an indirect impact.

Before drawing conclusions about subsistence impacts, the HIA practitioner must arrive at a contextual understanding of regional subsistence patterns without regard to a specific project. In order to understand this context, baseline nutritional surveys and the selection of control (comparison) regions can provide valuable information. In cases where a specific subsistence resource could be substantially affected by a project, a plausible causal chain, appropriate baseline information, comparison data, and documented shifts in consumption or harvest can be used to tie potential impacts to the project, making sure to weigh and qualify any conclusions according to the unique features and policies of the proposed project.

If a baseline nutritional survey is needed, it is a very important documentary tool for this portion of an HIA. Baseline nutritional surveys should be developed in collaboration with the community, if possible. A baseline nutritional survey can establish the proportion of the local diet that is drawn from a subsistence resource before the project is implemented. Nutritional surveys can also correlate subsistence consumption with baseline environmental hazards such as methyl mercury through noninvasive sampling. If future nutritional surveys are funded and coupled with a plausible causal chain of events, and if they demonstrate differences in subsistence consumption, a stakeholder or project proponent can address the issue based on concrete baseline information.

In addition to documenting overall change, baseline nutritional surveys provide a profile of the whole diet and reveal what foods replaced the subsistence food in question. Communities may purchase more store-bought food, or they may be choosing another subsistence resource that is more available. A baseline nutritional survey allows the project team to answer many of these critical questions about indirect impacts to subsistence resource use. Ultimately, baseline information reveals if the community is able to adapt to the change in a healthy way, or if additional measures are required to ensure that the dietary health of the community is protected.

Cumulative Impacts

Cumulative impacts on subsistence resources should be considered by the HIA practitioner. For example, if there have been many long-term industrial projects in the area, contaminants in subsistence resources could accumulate. Adequate baseline studies, especially nutritional work, will help document such effects as required. Though this scenario will be evaluated by the environmental team (cumulative impact analysis is required for EISs), the HIA should also consider it in a health and psychosocial-specific context.

Section 8: Impact Assessment – Rating and Ranking Health Impacts

What is a health impact?

A health impact is a positive or negative change in a health outcome or a health determinant (Section 4). The HIA practitioner should use precise language to formulate health impacts that promote clear thinking about causal factors, rating and ranking decisions, as well as potential health recommendations.

First, health impacts should reflect human health outcomes or determinants, rather than environmental conditions. For example, an impact stated as "increased road dust levels" is not a health impact, but rather an environmental impact. The health impact would be a health outcome related to dust exposure stated as "increased clinic visits for asthma exacerbation at clinic A." This means that HIA practitioners will use medical, social, and economic language to describe specific disease states or the health benefits that might arise from a project.

Second, health impacts should reflect specific outcomes or determinants. For example, an impact stated as "increase in respiratory disease" is typically too general to be useful in an HIA. As such, it would be better to state the impact as "increased incidence of lung cancer" or "increased incidence of chronic obstructive pulmonary disease."

Third, health impacts should reflect effects that are as readily quantifiable as possible. For example, an impact stated as "decreased incidence of depression-related visits at the Village A Clinic" is more readily quantifiable than "decreased depression in rural communities." Quantification or semi-quantification may occur through biomonitoring, public health surveillance systems, community interviews, or approved chart reviews.

The HIA will ultimately make recommendations on how the positive health impacts can be maximized, and how the negative health impacts can be minimized. However, the HIA assumes that a permitted project will operate as designed, in compliance with permit stipulations and standards.

Using Health Effect Categories to Create a List of Health Impacts

During the scoping phase, the HIA practitioner uses the eight health effect categories (HECs) from Section 4 to systematically consider a wide range of potential health impacts. This range of health impacts is further narrowed to a list of important health impacts to be considered in the impact assessment phase.

During rating and ranking, the HECs in Section 4 remain very useful for creating and listing health impacts. There are key outcomes and determinants in each HEC that can be reviewed during the rating exercise and the HIA practitioner can carefully state a handful of the most important health impacts to be considered. A list of specific and observable health impacts that are organized by HEC provides a very intuitive approach to impact rating.

What are the Dimensions of a Health Impact?

Health impacts may have several different dimensions and impacts may be positive or negative. The dimensions of an impact include:

- **Importance** – how important is the impact to the potentially affected communities and other stakeholders, including applicants?
- **Nature** – is the impact direct, indirect, or cumulative?
- **Duration** – when will the impacts occur and how long will they last under typical conditions?
- **Extent** – how widespread will the impacts be under likely conditions (e.g., statewide, regional, or local) and will there be groups with disproportionate impacts?
- **Magnitude** – what is the range of intensity of the impact in terms of change from existing baseline conditions?
- **Frequency** – how often would the impact reasonably occur during a specified time period?

The rating approach suggested in this section also incorporates health effects (i.e., beneficial or harmful health consequences that are expected to occur in impacted communities as a direct result of the project). In order to score a health effect, the rater must make an educated estimation of the likely magnitude and directionality (i.e., beneficial or harmful) of the health effect on the affected population. For example, in order to rate (i.e., quantify the relative magnitude of) the impact "increased visits for asthma exacerbation at clinic A", the HIA practitioner would need to forecast the extent of increased incidence in asthma exacerbation that may occur.

In the health effects column of Figure 8.1, health effects that can be imagined but would probably not be perceived by people or detected by monitoring are characterized with an impact level of *low*. Health effects with a score of 1 are generally effects that would be readily perceived by people or detected by surveillance and monitoring efforts, but would be primarily a nuisance and would not exceed current exposure limits or markedly change disease patterns for humans. Health effects with a score of 2 are those that would markedly increase or decrease illness and injury rates and may require interventions, if negative. Health effects with a score of 3 are those that would markedly increase or decrease mortality rates or cause large and notable changes in disease rates, and may necessitate interventions, if negative.

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Figure 8.1 Step 1 of a Four-Step Impact Assessment Matrix

Step 1				
	Impact Dimensions			
Impact Rating Score	A – Health Effect (+/-)	B- Duration	C-Magnitude	D- Extent
0	Effect is not perceptible	Less than 1 month	Minor	Individual cases
1	(+/-) minor benefits or risks to injury or illness patterns (no intervention needed)	Short-term: 1-12 months	Those impacted will 1.)be able to adapt to the impact with ease and maintain pre-impact level of health, 2.) see noticeable but limited and localized improvements to health conditions	Local: small limited impact to households
2	(+/-) moderate benefits or risks to illness or injury patterns (intervention needed, if negative)	Medium-term: 1 to 6 years	Those impacted will: 1.) be able to adapt to the health impact with some difficulty and will maintain pre-impact level of health with support, or 2.) experience beneficial impacts to health for specific population some maintenance may still be required	Entire Potentially Affected Communities (PACs); village level
3	(+/-) severe benefits or risks: marked change in mortality and morbidity patterns (intervention needed, if negative)	Long-term: more than 6 years/life of project and beyond	Those impacted will 1.) not be able to adapt to the health impact or to maintain pre-impact level of health 2.)see noticeable major improvements in health and overall quality of life	Extends beyond PACs; regional and state-wide levels

Impact Assessment: How Can Health Impacts Be Rated?

Potential positive and negative impacts can be rated using semi-quantitative approaches. The HIA practitioner benefits from impact ranking because it allows the practitioner to prioritize elements of the action plan. There are many rating approaches (an example is included below for illustration purposes only). HIA practitioners may use a variety of rating schemes, but they should be clearly explained for the purposes of transparency and collaboration. There are four steps to the sample impact rating process below (Figure 8.1 is used for Step 1, and Figure 8.2 is used for Steps 2-4).

For illustration purposes only, suppose a project footprint requires a gravel road near a small community and the project plan predicts a modest increase in road dust. While road dust is the environmental impact, the HIA practitioner states the health impact as "increased visits for asthma exacerbation at Clinic A" and begins the rating process (there are other impacts to be reviewed such as noise, traffic accidents, and the benefits of community access).

In Step 1 (Figure 8.1), the **health effect** of the impact "increased visits for asthma exacerbation at clinic A" would be **negative** and have moderate risks to health that could require an intervention (e.g., acute and ongoing therapy for asthma). In Figure 8.1, this corresponds with a score of 2 points. Next, the **duration** of the impact would be for the life of the project and so it would receive a score of 3. Next, the practitioner would consider the **magnitude** of the impact, which would be 1 point since a modest increase in road dust would not affect health status and individuals would probably be able to adapt using interventions. The **extent** of the impact would probably be limited to households near the road giving this impact 1 point for its localized extent. The overall score for Step 1 would be *negative* seven (health effect **2** + duration **3** + magnitude **1** + extent **1** = **7**).

For Step 2, the score from Step 1 is used to find the appropriate impact level range in the left column of Figure 8.2 below. For this example, the "increased visits for asthma exacerbation at Clinic A" impact had a Step 1 score of -7, and so the practitioner would select the 7-9 row in Figure 8.2.

Figure 8.2 Steps 2, 3, and 4 of Four-Step Impact Assessment Matrix

Step 2	Step 3						
Impact Level (Use Score from Step 1 to choose range)	Likelihood Rating						
	Extremely Unlikely (<1%)	Very Unlikely (1-10%)	Unlikely (10-33%)	About as likely as Not (33-66%)	Likely (66-90%)	Very Likely (90-99%)	Virtually Certain (>99%)
1-3	♦	♦	♦	♦	♦♦	♦♦	♦♦
4-6	♦	♦	♦	♦♦	♦♦	♦♦	♦♦♦
7-9	♦♦	♦♦	♦♦	♦♦♦	♦♦♦	♦♦♦	♦♦♦♦
10-12	♦♦♦	♦♦♦	♦♦♦	♦♦♦♦	♦♦♦♦	♦♦♦♦	♦♦♦♦
Step 4	Impact Rating						
	Category 1 = ♦		Category 2 = ♦♦		Category 3 = ♦♦♦		Category 4 = ♦♦♦♦

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Once the appropriate impact level row is selected during Step 2 (in the example: 7-9), the rater uses **only that row** of values to complete Step 3, which is the likelihood rating. Moving from left to right along the row of likelihood ratings, the rater will make an informed judgment about the likelihood of the impact. For the example, suppose the rater believes the likelihood of "increased visits for asthma exacerbation at clinic A" to be "unlikely" (10-33% chance of occurring). In the score 7-9 row above, "unlikely" corresponds with the result of two diamonds (♦♦). Step 4 provides a value for the result from Step 3, and the overall ranking for the impact "increased visits for asthma exacerbation at Clinic A". In our example two diamonds (♦♦) corresponds to a Category 2 impact rating. This means that the impact in question would be a *negative* impact with a Category 2 rating. After impacts have been rated, they can be placed in a rank order from highest to lowest category.

Assessing Toxicological Risks

Air and water emissions that are in compliance with permits are presumed to be protective of human health. It is not unusual, however, for community stakeholders to raise a variety of questions specifically about exposures to hazardous materials and the likelihood of associated adverse health impacts. The investigation and evaluation of community exposure to potentially hazardous materials has been the subject of numerous publications in the established scientific literature, and a standard conceptual framework has been developed and published in standard textbooks of occupational and environmental medicine and toxicology.

In order to determine that a substantial medical effect could be caused by a potential exposure, it is necessary to proceed in a logical fashion that establishes the presence of a complete (unbroken from source to exposure point) exposure pathway and appropriately assesses the likelihood of exposure. The best way to show this causal chain is through the use of a conceptual site model (CSM) that clearly diagrams the exposure pathway. Typically, the concentration of any chemical(s) under investigation at the logical exposure points (i.e., the geographical locations where an individual comes in contact with the source material) is determined. This fate and transport evaluation is generally done by the environmental assessment team and provided to the HIA practitioner who then calculates the potential dose received by the individual at the exposure points. Finally, the practitioner analyzes the health effects of the dose-response relationship of the chemical(s) under investigation so that an assessment of potential health risks can be made.

The HIA analysis of potential community health impacts from emissions related to a proposed project is best performed using this standard medical toxicological model:

Source → Exposure → Dose → Health Effect(s)

This form of the medical toxicological model is discussed in the 1991 National Research Council monograph, *Human Exposure Assessment for Airborne Pollutants: Advances and Opportunities*. Similar materials are available from the National Resource Council (NRC), Agency for Toxic Substances and Disease Registry (ATSDR), WHO and US Environmental Protection Agency (EPA), including the 2008 NRC publication *Science and Decision: Advancing Risk Assessment*. The key points emphasized in contemporary risk assessment

literature are the need to tie the risk-management questions to the risk assessment, and calculations should not be performed simply because computational capacity exists. The literature also discusses how to align the detail of uncertainty and variability analyses with what is actually needed to inform risk management decisions.

Section 9: Making Health Recommendations

General Considerations

Once health impacts have been identified, the HIA practitioner can make recommendations to maximize beneficial impacts and minimize potentially harmful impacts. Although recommendations are presented as the final phase of an HIA, they should be considered throughout the process, beginning as the project is being conceptualized and designed, and ending when impacts from the project and decommission have concluded.

In general, recommendations should be closely tied to the most important potential impacts. In the context of a NEPA analysis, the health assessment and recommendations should be carefully coordinated with the NEPA environmental and social assessments and the overall language of the EIS. In some circumstances, if the project is large or complex, a separate chapter on health recommendations may be appropriate. The federal agency may include health recommendations as mitigation measures in the EIS. As with other mitigation measures, the effectiveness of the recommendation and the potential that the recommendation would be implemented must be disclosed.

Even though well-developed generic health intervention strategies have been developed for many problems (e.g., infectious diseases), the HIA practitioner should develop recommendations that are scientifically defensible (evidence-based) and tailored to the local situation. The HIA practitioner should also consider recommendations rooted in local traditional knowledge, if applicable.

Some important considerations for health recommendations include determining the following:

- The feasibility of the potential health recommendations (e.g., engineering interventions that affect water quantity, quality, and sanitation)
- The appropriate timeline to implement the recommendations
- The availability of interim recommendations that would benefit communities
- The sustainability of, and responsibility for, implementing the recommendations. If the agencies do not have regulatory authority to implement the recommendations, then what?

It is important to be very clear about any prevention strategies or plans that are based on HIA recommendations. Significant community reactions can develop when the conditions for prevention efforts are not clarified and explained. It is, likewise, important to be very clear regarding the likelihood that the recommendations will be adopted by the agencies, project applicant, or communities.

How are recommendations used?

As discussed above, recommendations in an HIA that is developed to evaluate health for a NEPA process, would generally be included in the EIS. The recommendations would be grouped with the mitigation measures, and may be called mitigation measures depending upon the wording of the recommendation. EISs must identify “means to mitigate adverse impacts”, even if the mitigation measures cannot be required by the lead or cooperating agencies.

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Recommendations may be used by applicants to revise project design and implement prevention strategies. The applicant may use the outcomes of the impact rating step (Section 8) to establish actions that will limit the severity of identified impacts. Applicants may also make voluntary contributions to maximize potential benefits in affected communities. Similarly, project proponents may use HIA recommendations to voluntarily negotiate a series of specific commitments to affected communities (e.g., participatory monitoring of certain impacts, subsistence resource access, quantity and quality).

Recommendations may also be used by decision makers to set certain conditions (i.e., permit stipulations) for project approval.

Even if HIA recommendations are not engaged by federal agencies or proponents, other stakeholders may use the recommendations to pursue their own human health objectives.

The publication of the HIA recommendations is likely to result in public and political pressure to adopt many of the recommendations, even though they are discretionary. It is therefore important that the HIA practitioner take care that all recommendations are appropriately designed for the site and the health concern at issue.

Fundamental Concepts

Health recommendations in an HIA are aimed at preventing disease and promoting health in communities. Some recommendations require action by the applicant. Other recommendations may suggest community action; successful implementation of these health recommendations usually requires stakeholder involvement.

Disease Prevention

Disease prevention includes any intervention that seeks to reduce or eliminate diagnosable disease. It may be applied at the individual level (e.g., immunization) or at the community level (e.g., an improved community sanitation system, or chlorination of the water supply).

The concept of disease prevention is often divided into three levels: primary, secondary, and tertiary:

- **Primary Prevention** – Prevents the condition *before it occurs* (e.g., preventing diabetes before it develops). For an HIA, these actions include elimination (eliminate certain features of the project), timing of the project (such as to avoid interfering with subsistence activities), substitution (for example, providing diesel fuel as a fuel source instead of wood), design or engineering preventions, and administrative controls.

- **Secondary Prevention** – Once a health condition exists, secondary prevention seeks to screen individuals at high risk for *early detection and prompt intervention* to control disease and minimize disability (e.g., early diagnosis of diabetes and accurate management to prevent vascular symptoms).

- **Tertiary Prevention** – Measures aimed at softening the impact of long-term disease and disability by eliminating or reducing impairment and maximizing potential years of quality life. This usually involves treatment or rehabilitation of existing, serious problems, such as preventing infection of diabetic foot ulcers. Tertiary prevention is

appropriate when the project has had some effect and this effect has caused health impacts. Tertiary prevention seeks to keep the human health impacts from continually affecting communities or from affecting a wider circle of people.

Health Promotion

In addition to disease prevention, the HIA may recommend activities that involve health promotion and education. This includes any combination of health education and related interventions designed to facilitate improved health through behavioral and environmental adaptations. In combination with primary prevention, health promotion and education is the most efficient and cost-effective method of managing potential impacts.

A workforce health promotion and education effort spearheaded by the project can also substantially influence behaviors and practices in local communities by using the project workforce as peer educators and ambassadors to local communities.

Important Characteristics for Recommendations

Evaluation of the recommendations requires identification of resource flows and responsibilities, local absorptive capacity, and social and environmental determinants.

Resource Flow and Responsibilities

The effectiveness of any plan to implement recommendations depends on adequate resources and careful delegation of responsibility between stakeholders. Among the most challenging tasks is assessing local resources for implementation and identifying reliable partners that can sustain any prevention plans. Local participation in prevention plans requires preparation, experience, and sufficient human and financial resources.

In one example from international HIA work, proponents will often build and/or refurbish hospitals, clinics, or health dispensaries in response to recommendations from an HIA. Although these activities are highly visible and initially well received, they are difficult to sustain long-term due to shortage of technical support staff such as physicians, nurses and laboratory technicians. To be sustainable, structural improvements should be coupled with a realistic and long-term assessment of the locally available human resources.

Experience also shows that prevention plans have a greater sustainability when they are focused on specific project effects, such as adequate drinking-water supply, solid and human waste disposal, and appropriate systems to deal with the influx of workers in a community.

Social Determinants of Health Issues

A variety of important potential positive and negative indirect effects tied to SDH and psychosocial issues (e.g., alcohol, drug use, gender violence, suicide) may be identified. Prevention plans that are directed towards social determinants must:

- Coordinate with mitigation strategies from the social impact assessment
- Be carefully reviewed, and the roles and responsibilities realistically appraised
- Account for the existence of personal choice
- Be clearly defined to include factors that are within the span of control of the project

(e.g., workforce scheduling, imposition of a “dry status” at all project facilities, pre-employment and random drug, and alcohol testing)

- Be developed in collaboration with the community, if possible

Strategies directed towards social determinants require a multidisciplinary effort, involving social and medical specialists, and community stakeholders.

Section 10: Monitoring and Evaluation

Once recommendations and prevention strategies are selected, the HIA practitioner can formulate a monitoring and evaluation (M&E) plan to help stakeholders determine if intervention strategies are achieving their intended effect. The M&E plan is often anchored to a set of key performance indicators (KPIs). In general, KPIs can measure the following:

- Change in a health outcome (e.g., increased clinic visits for prenatal care)
- Change in an intermediate health risk indicator (e.g., body mass index is a risk factor for problems such as cardiovascular disease and diabetes mellitus)
- Change in a health hazard or health determinant (e.g., fine particulates in air constitute a health hazard that influences asthma rates)

Monitoring and evaluation are presented here as a widely accepted step in the HIA process. *The funding and support for monitoring efforts is voluntary and not required under Alaska law.* Therefore, careful consideration should be given to making recommendations that would require follow-up that has no identified sources of funding.

Key Performance Indicators

Numerous KPIs have been established for monitoring health performance (Mosse and Sontheimer, 1996). In general, KPIs fall into the following three categories:

- **Structural indicators** – Buildings, equipment, drugs, medical supplies, vehicles, personnel, money, and organizational arrangements
- **Process indicators** – Effectiveness of the preventive actions
- **Outcome indicators** – Death, disease, disability, discomfort, and dissatisfaction are typically considered outcome measures (typically calculated as rates)

Some specific examples of the more common KPIs include the following:

Structural

- Household characteristics (household size, number of rooms)
- Pharmacy supplies of specific categories of drugs
- Sanitation systems such as septic tanks, latrines, etc.
- Water supply systems – indoor supply percent
- Solid waste – permitted landfill vs. open dump
- Tribal health facilities

Process

- Access to maternal medical services (such as trained birth attendants) and number of pre-delivery visits
- In-migration patterns (place of origin of household members, professional status of household members)
- Training with follow-up knowledge, attitudes, practices, beliefs concerning prevailing diseases

Outcome

- Disease-specific prevalence rates
- Anemia prevalence
- Anthropometric measurements
- Alcohol use, smoking rates, domestic violence, and accidents
- Toxicology-biomonitoring (lead, arsenic, etc.), if relevant
- Increase or decrease in prevalent disease
- Appearance of new disease

The baseline health assessment must be as complete as possible in order to observe changes in the KPIs. As discussed in Section 6, Alaska reports health information at the state or regional level, but not typically for individual communities. Given these limitations, the HIA practitioner should choose KPIs that can be tracked using readily available statewide or regional data. The selection of appropriate and relevant KPIs requires careful technical review by epidemiologists and biostatisticians.

There are several features common to a well-selected KPI. First, KPIs should be measurable. This presents a particular challenge in small rural Alaskan communities because the size of the population limits the statistical reliability of many disease rates. Even so, the HIA practitioner can select KPIs that report health risk factors or intermediate health indicators that serve as a proxy for the health issues of interest.

Second, KPIs should measure impacts to both the project workforce and the community. For instance, a KPI that measures a health impact in the project workforce may also give excellent information about the wider rural or urban environment surrounding the project. This is especially true when the project employs a large local workforce. Therefore, many of the monitoring strategies originate inside the fence line and extend outside to specific project-affected areas.

Third, KPIs should detect both acute and chronic changes within PACs. Acute changes appear within weeks to months, such as acute disease-rate changes for respiratory infection. Chronic non-communicable disease-rate changes for diabetes or cardiovascular disorders evolve over a much longer period of time. A well-selected set of KPIs will detect both acute and chronic changes in health status.

Fourth, the HIA practitioner should select KPIs that are clearly linked to the project. Monitoring and evaluating community health changes unrelated to a project is important, but beyond the scope of the HIA.

Fifth, the KPIs should capture both positive and negative health impacts. For example, the alleviation of income poverty will produce both positive and/or negative changes across many health outcomes.

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Finally, KPIs should be drawn as much as possible from existing health information systems. For example, Alaska administers a state version of the Behavioral Risk Factor Surveillance System (BRFSS) each year, so KPIs drawn from BRFSS will be available for review on an annual basis.

KPIs based on traditional knowledge can be selected in collaboration with stakeholders. However, these KPIs should meet as many of the above criteria as possible, in order to have an appropriate indicator that is relevant, robust, and measurable.

Internationally, the development of district and local-level demographic surveillance systems (DSS) has been shown to be an effective method of long-term longitudinal surveillance.

Verification

The HIA practitioner may also recommend a verification system so that the progress of the disease prevention and health promotion efforts can be reviewed at a community level. For most projects, it is unrealistic to begin the verification process before the project has collected at least 6–12 months of information. For most health indicators, yearly verification reviews are likely to be sufficient. Formal external verification for health performance should be performed at selected time intervals, but it is possible to create a platform for more frequent community stakeholder involvement and input. Verification systems should be integrated with, and not duplicative of, other environmental verification systems, such as periodic environmental audits already required by the State for mining projects. Verification systems should also be transparent and include a mechanism for community input into the process.

Section 11: Resourcing

ADHSS serves as the State of Alaska's technical lead on HIA, but other entities conduct HIA work in the State. If project proponents wish to work through the State of Alaska HIA program, they can make funding arrangements through the large mine permitting team (LMPT) within, ADNR/OPMP, or another state agency involved with coordinating development projects. In general, funding is not provided by the State of Alaska for preparation of HIAs.

If other entities wish to perform HIA, there are a number of grant-based opportunities available through the U.S. Centers for Disease Control and Prevention, the Robert Wood Johnson Foundation, and the Pew Charitable Trust. Links to these and other resources are listed on the State of Alaska HIA Program website (available at: http://epi.alaska.gov/hia).

The financial and human resources allocated to an HIA ought to be commensurate with the potential anticipated risks. Costs are largely a function of the scope of the type of HIA to be performed (i.e., desktop, rapid appraisal, and comprehensive), and the need for new data collection. New data collection is often a difficult, time-consuming, and expensive process. Coordination with the environmental and social impact assessment process will minimize duplication and delays in schedules.

Disclaimer: The information contained in the following resource materials does not necessarily represent the viewpoint of the State of Alaska, the HIA program, or the HIA Working Group.

HIA Information Websites:

Alaska Department of Health and Social Services, HIA:
http://www.epi.alaska.gov/hia
North Slope Borough, HIA
http://www.north-slope.org/departments/health-social-services/baseline-community-health - analysis-report
UCLA HIA Clearinghouse Learning and Information Center:
http://www.ph.ucla.edu/hs/hiaclic/index.htm
U.K Association of Public Health Observatories HIA Gateway:
http://www.apho.org.uk/default.aspx?RID=44538
HIA Community Wiki:
http://www.seedwiki.com/wiki/health_impact_assessment_hia_community_wiki/
World Health Organization HIA :
http://www.who.int/hia/en/
Centers for Disease Control and Prevention:
http://www.cdc.gov/healthyplaces/hia.htm

Comprehensive database of HIAs completed or in progress in the US, sortable by topic and keyword:

www.healthimpactproject.org/hia/us

International Natural Resource Development HIAs:

Margam Open Cast Mine Extension HIA (Wales):

http://www.wales.nhs.uk/sites3/Documents/522/Kenfig%20Hill%20Final%20%2D%20Dec%2005.pdf

Report of a Canada mining HIA: Kwiatkowski R, Ooi M. 2003. Integrated Environmental Impact Assessment: A Canadian Example. Bulletin of the World Health Organization. 81: 434-438 Available online at http://www.who.int/bulletin/volumes/81/6/kwiatkowski.pdf

Voluntary HIA's outside the Resource Development Sector:

Oak to Ninth Housing Development HIA:
http://ehs.sph.berkeley.edu/hia/O2N.HIA.FullDraft.pdf

Humboldt County General Plan. HIA and related documents at:
http://www.humanimpact.org/component/jdownloads/finish/4/58

The Atlanta Beltline Redevelopment HIA, at:
http://www.hiaguide.org/hia/atlanta-beltline-health-impact-assessment

U.S. Natural Resource Development Sector:

U.S. Department of the Interior, Minerals Management Service (2008). *Draft EIS, Beaufort and Chukchi Sea Multiple Lease Sales.* Health subsections integrated into chapters on Environmental Justice, and Appendix J. Minerals Management Service: Anchorage, Alaska.

U.S. EPA (2008) Draft Red Dog Mine/Aqqaluk Extension Supplemental EIS. Subsections on Public Health. Anchorage, Alaska. Seattle, WA.

Bureau of Land Management: *Northeast NPR-A Draft Supplemental Environmental Impact Statement.* Subsections on Public Health. Anchorage, AK: Bureau of Land Management. The Final SEIS can be downloaded at:
http://www.blm.gov/ak/st/en/prog/planning/npra_general/ne_npra/northeast_npr-a_final.html

Guidance and Toolkits:

Guidance for Stakeholder Participation in HIA:
http://www.healthimpactproject.org/resources/document/Guide-for-Stakeholder-Participation.pdf

Health Effects Assessment Tool:
http://www.erm.com/Global/Publications/ERM_HealthEffectsofResourceDevelopmentProjects.pdf

HIA Minimum Elements and Practice Standards:
http://www.humanimpact.org/doc-lib/finish/11/9

IFC Introduction to Health Impact Assessment:
http://www.ifc.org/ifcext/sustainability.nsf/Content/Publications_Handbook_HealthImpactAssessment

IFC Guidance Note 4 – Community Health and Safety:
http://www.ifc.org/ifcext/sustainability.nsf/AttachmentsByTitle/pol_GuidanceNote2007_4/$FILE/2007+Updated+Guidance+Note_4.pdf

IMCC Good Practice Guidance on Health Impact Assessment, International Council of Mining and Metals.

Improving Health in the United States: The Role of Health Impact Assessment, Committee on Health Impact Assessment, Board on Environmental Studies and Toxicology, National Research Council (NRC), National Academy of Science, 2011.

National Research Council of the National Academies, "Improving Health in the United States: the Role of HIA." A comprehensive guide to HIA and integrated health into the NEPA process:
http://www.iom.edu/~/media/Files/Activity Files/Environment/EnvironmentalHealthRT/2011-Nov-RT/132291.pdf

Section 12: References Cited

ADF&G, 2000. Subsistence in Alaska: 2000 Update. Division of Subsistence, Alaska Department of Fish and Game, Juneau, Alaska.

AFN, 2010. The Right to Subsist, Federal Protection of Subsistence in Alaska. Alaska Federation of Natives.

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IFC. 2008. IFC Introduction to Health Impact Assessment: "HIA Tool Kit". Available online at: http://www.ifc.org/ifcext/sustainability.nsf/Content/Publications_Handbook_HealthImpactAssessment

IPCC. 2007. Contribution of Working Groups I, II and III to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change, Synthesis Report Summary for Policymakers, Core Writing Team, Pachauri, R.K. and Reisinger, A. (Eds.) IPCC, Geneva, Switzerland. pp 104.

Listorti, 1996. Bridging Environmental Health Gaps. Vols. I-III. AFTES Working Paper No. 22. World Bank, Environmentally Sustainable Development Division, Africa Technical Department. Washington, D.C.

North American HIA Practice Standards Working Group. Minimum Elements and Practice Standards for Health Impact Assessment – November 2010, Version 2: http://www.humanimpact.org/doc-lib/finish/11/9

Mosse & Sontheime, 1996. World Bank document available at: http://wwwwds.worldbank.org/external/default/WDSContentServer/WDSP/IB/1996/09/01/000009265_3961219094954/Rendered/PDF/multi_page.pdf

National Research Council of the National Academies, "Improving Health in the United States: the Role of HIA." A comprehensive guide to HIA and integrated health into the NEPA process: http://www.iom.edu/~/media/Files/Activity Files/Environment/EnvironmentalHealthRT/2011-Nov-RT/132291.pdf

Winkler et al. 2010. Assessing health impacts in complex eco-epidemiological settings in the humid tropics: Advancing tools and methods.

WHO, 1999. Health 21, World Health Organization. Regional Office for Europe, Available online at: http://www.euro.who.int/data/assets/pdf_file/0004/109759/EHFA5-E.pdf

WHO, 2008. Social Determinants of Health, World Health Organization. Available online at: http://www.who.int/social_determinants/thecommission/finalreport/en/index.html

Legal Disclaimer:

Nothing in this Technical Guidance for Health Impact Assessment in Alaska ("Toolkit") shall be construed to impair or otherwise affect (i) authorities granted by law to any State of Alaska department or agency or officials thereof; or (ii) the administration of any department or agency budgets or expenditures of funds appropriated by the legislature. This Toolkit is non-binding and is intended for technical guidance only. It is not intended to, and does not create any right or benefit, substantive or procedural, which is enforceable in law or equity by any party against the State of Alaska, its departments, agencies, state-chartered corporations, authorities or other entities of the State of Alaska, its elected or appointed officials, employees, agents, or any other person. The Toolkit shall be implemented consistent with applicable law and subject to the availability of appropriations.

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Manifest for Grant Application # GRANT13860878

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 27159 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16036 bytes)

2. Form SF424A-V1.0.pdf (size 23161 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40319 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15918 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23966 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37315 bytes)

Attachments Included in Zip File (total 7):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-Attachment_AlaskaHIAToolkit.pdf application/pdf (size 804738 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-Attachment_Assessment of the Potential Health Impacts of Climate Change in Alaska.pdf application/pdf (size 2238786 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-Resumes.pdf application/pdf (size 363981 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-AML_Budget Detail.pdf application/pdf (size 179173 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-AML_Letters of Commitment.pdf application/pdf (size 568626 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-AML_Logic Model.xlsx application/vnd.openxmlformats-officedocument.spreadsheetml.sheet (size 10467 bytes)

7. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-AML_Project Narrative and Work Plan.pdf application/pdf (size 1583054 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-AttachmentA_OregonClimateResilience_Budget.pd

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. EPA-R-OEJECR-OCS-23-01		$ 500,000.00	$	$	$	$ 500,000.00
2.						
3.						
4.						
5. Totals		$ 500,000.00	$	$	$	$ 500,000.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) EPA-R-OEJECR-OCS-23-01	(2)	(3)	(4)	Total (5)
a. Personnel	$ 256,500.00	$	$	$	$ 256,500.00
b. Fringe Benefits	46,674.00				46,674.00
c. Travel	8,976.00				8,976.00
d. Equipment					
e. Supplies	5,250.00				5,250.00
f. Contractual	7,500.00				7,500.00
g. Construction					
h. Other	135,782.00				135,782.00
i. Total Direct Charges (sum of 6a-6h)	460,682.00				$ 460,682.00
j. Indirect Charges	39,318.00				$ 39,318.00
k. TOTALS (sum of 6i and 6j)	$ 500,000.00	$	$	$	$ 500,000.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. EPA-R-OEJECR-OCS-23-01	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 167,000.00	$ 41,750.00	$ 41,750.00	$ 41,750.00	$ 41,750.00
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 167,000.00	$ 41,750.00	$ 41,750.00	$ 41,750.00	$ 41,750.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. EPA-R-OEJECR-OCS-23-01	$ 167,000.00	$ 167,000.00	$ 167,000.00	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 167,000.00	$ 167,000.00	$ 167,000.00	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: 460682

22. Indirect Charges: 39318

23. Remarks:

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Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-Narrative_OregonClimateResilience_EPA climate pro

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

Attachment A: Itemized Budget Sheet

Item	Description	Total
Personnel	• Project Manager @ $65,000 annual salary x 90% of time on project = $175,500 for three years • Rogue Organizer @ $45,000 annual salary x 30% of time on project = $40,500 • Indigenous Organizer @ $45,000 annual salary x 30% = $40,500	$ 256,500
Fringe Benefits	• Project Manager 12.6% of salary (includes medical, dental, life insurance) = $22,158 for three years • Rogue Organizer 30.2% of salary (includes medical, dental, life insurance) = $12,258 • Indigenous Organizer 30.2% of salary (includes medical, dental, life insurance) = $12,258	$ 46,674
Travel	• Travel to 2 regional semiars (3 days) • Travel for partner coordination and community outreach	$ 8,976
Equipment	N/A	$ -
Supplies	• Printing $500 • 3 Laptop computer for Outreach worker to work off-site on community $2,250 • Miscellaneous supplies for staff on this project (snacks and events) - $150 for 10 events & $1,000 for incidentals	$ 5,250
Contractual	• Strategic Planning & Coordination - $7,500	$ 7,500
Construction	N/A	$ -
Indirect Costs	• 10% of allowable expenses	$ 39,318
Other	• Participant Support Costs (community stipends, child care, travel reimbursement for approximately 500 communtiy members) - $45,782.20 • Translation & interpretation - $5,000 • Sub-award to Warms Springs Community Action Team for outreach activities and project recruitment = $45,000 • Sub-award to Coalition of Communities of Color for data justice coaching = $30,000 • Sub-award to Southern Oregon Climate Action Now for climate education = $10,000	$ 135,782
Construction	N/A	$ -
Total Project Cost		**$ 500,000**

Attachment B: Unite Oregon Climate Justice- Logic Model

Inputs	Activities	Outputs	Audience	Short-term Outcomes	Intermediate Outcomes	Long-term Outcomes
Unite staff time CCC research justice coaching Warm Springs and Southern Oregon Climate Action Now staff time Participant supports (translation, stipends, childcare, etc.) Partner in-kind contributions	Strengthen capacity for climate justice	Central Oregon chapter formed with 50-60 community leaders Two-part training on data analysis for 20-30 partner & community leaders Rogue chapter grown with 300-330 community contacts	immigrants, refugees, and Black, Indigenous, people of color residents of Jefferson, Deschutes, and Crook counties Rural and Indigenous CBOs in Central Oregon and the Rogue Valley	Ongoing organizing capacity improved for Central Oregon More centralized information on community needs in community voices Increased community capacity to collect, analyze, and communicate their data	Clear articulation of needs and solutions Increased, and more flexible, funding going to meet needs articulated by disadvantaged communities Policy is more responsive to community needs	Better public health and cleaner environments for Central Oregon communities More than 40% of federal environment and infrastructure funding in Oregon is going to IR-BIPOC communities
	Increase utilization of energy efficiency incentives	Culturally-specific outreach and materials		200 community households reached 90% of reached households say access needs were met	100 community households applying for incentives Culturally specific outreach normalized in utilities	More than 40% of federal energy incentives in Central Oregon and Rogue Valley going to IR-BIPOC communities
	Create equal access to climate disaster resources for response, recovery, and resilience	Community Resilience Hub components adapted Partnership agreements finalized for two Hubs		2 Climate Resilience Hubs are active (e.g., Rogue Valley and Central Oregon) and ready to respond to disasters Integration with Medicaid and Emerg. Management systems	Improved access during disasters to shelter, technology, resource packets, food, childcare, etc. regardless of national origin, limited English proficiency, race, ethnicity, or gender.	Better public health and faster climate recovery for Oregon communities

Manifest for Grant Application # GRANT13860944

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 25664 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16051 bytes)

2. Form SF424A-V1.0.pdf (size 22771 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40417 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15927 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23962 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37318 bytes)

Attachments Included in Zip File (total 6):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-AttachmentC_SupportLetters_Combined.pdf application/pdf (size 1408767 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-AttachmentB_LogicModel_OregonClimateJustice.pdf application/pdf (size 63096 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-AttachmentA_OregonClimateResilience_Budget.pdf application/pdf (size 67576 bytes)

4. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-Narrative_OregonClimateResilience_EPA climate proposal.pdf application/pdf (size 210093 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-AttachmentE_8879 Center for Intercultural Organizing.pdf application/pdf (size 145491 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-AttachmentD_Resumes_Combined.pdf application/pdf (size 750824 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1236-Attachment 1 - Budget Narrative.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-Project Work Plan.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. EPA-R-OEJECR-OCS-23-01	66.306	$	$	$ 500,000.00	$	$ 500,000.00
2.						
3.						
4.						
5. Totals		$	$	$ 500,000.00	$	$ 500,000.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) EPA-R-OEJECR-OCS-23-01	(2)	(3)	(4)	Total (5)
a. Personnel	$ 131,700.00	$	$	$	$ 131,700.00
b. Fringe Benefits	32,925.00				32,925.00
c. Travel	4,071.00				4,071.00
d. Equipment	0.00				0.00
e. Supplies	2,080.00				2,080.00
f. Contractual	27,574.00				27,574.00
g. Construction	0.00				0.00
h. Other	301,650.00				301,650.00
i. Total Direct Charges (sum of 6a-6h)	500,000.00				$ 500,000.00
j. Indirect Charges	0.00				$ 0.00
k. TOTALS (sum of 6i and 6j)	$ 500,000.00	$	$	$	$ 500,000.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. EPA-R-OEJECR-OCS-23-01	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$	$	$	$	$
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$	$	$	$	$

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. EPA-R-OEJECR-OCS-23-01	$	$	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$	$	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: 500,000

22. Indirect Charges: 0

23. Remarks: FJ does not have an indirect cost rate agreement

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Resources/ Inputs	**Activities**	**Outputs**	**Audience**	**Short-term Outcomes** (6 – 12 months)	**Intermediate Outcomes** (12-24 months)	**Long-term Outcomes** (2+ years)
Staff time Partnering organizations	Carry out needs assessment through community focus groups Develop disaster preparedness toolkit (app; educational materials; training guide) based on needs identified Outreach to farmworker communities; promote & pilot toolkit Outreach to state and local officials regarding wildfire preparedness gaps Evaluation and improvement of preparedness toolkit	15 meetings per year with partners to plan, receive input, develop & evaluate toolkit (45 total) 6 bi-annual meetings with Advisory Committee to receive guidance and feedback 6 focus groups convened to provide input during the needs assessment Wildfire disaster preparedness needs assessment Wildfire disaster preparedness toolkit (app; informational materials; training guide) 15,387 farmworkers reached through SMS & partner outreach over 3-year period Social media campaign with 2,500 post engagements per year Recommendations for state & local government National convening of farmworker-serving organizations National dissemination of toolkit & best practices/recommendations	Farmworker community members Partner organizations Other farmworker-serving organizations Academia Local, state government	Increase in number of farmworkers (15,387) with a better understanding of wildfire preparedness and resources available Increase in number of organizations (target = 3) conducting preparedness outreach	Improved understanding among WA government officials (target = 3 agencies) of gaps in wildfire preparedness and community recommendations WA state and local government agencies help address preparedness gaps identified in needs assessment	Increase in utilization resources developed for farmworker communities on wildfire preparedness National convening attended by at least 8 farmworker-serving and other relevant organizations (community-based, national, and environmental justice organizations) Policy recommendations for state & federal government agencies

Farmworker Justice
EJCPS Cooperative Agreement Program RFA (EPA-R-OEJECR-OCS-23-01)

Congressional districts of project:

- WA-02
- WA-05
- WA-08

Manifest for Grant Application # GRANT13861289

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 24366 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16029 bytes)

2. Form SF424A-V1.0.pdf (size 22695 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40270 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15918 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23958 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37310 bytes)

Attachments Included in Zip File (total 7):

1. SF424_4_0 SF424_4_0-1235-Congressional districts of project.docx application/vnd.openxmlformats-officedocument.wordprocessingml.document (size 16293 bytes)

2. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-Project Work Plan.pdf application/pdf (size 401137 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-Attachment 5 - 501(C)(3) Letter.pdf application/pdf (size 1293398 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-Attachment 1 - Budget Narrative.pdf application/pdf (size 154642 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-Attachment 4 - Key Personnel Resumes.pdf application/pdf (size 263214 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-Attachment 3 - Letters of Commitment.pdf application/pdf (size 611390 bytes)

7. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-Attachment 2_Environmental results (logic model).pdf application/pdf (size 117025 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1236-epa cps doc.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-EPA_2023_Project_Narrative_timeline.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. 99,953.86		$	$	$ 99,953.86	$	$ 99,953.86
2. 203,155.90				203,155.82		203,155.82
3. 167,396.40				167,395.40		167,395.40
4.						
5. Totals		$	$	$ 470,505.08	$	$ 470,505.08

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1)	(2)	(3)	(4)	Total (5)
	99,953.86	203,155.90	167,396.40		
a. Personnel	$ 67,697.60	$ 67,697.60	$ 74,597.60	$	$ 209,992.80
b. Fringe Benefits	5,769.76	5,769.76	7,209.76		18,749.28
c. Travel	2,187.50	2,187.50	1,288.00		5,663.00
d. Equipment					
e. Supplies	2,166.00	13,568.00	2,166.00		17,900.00
f. Contractual	21,300.00	113,100.00	81,300.00		215,700.00
g. Construction					
h. Other	833.00	833.00	834.00		2,500.00
i. Total Direct Charges (sum of 6a-6h)	99,953.86	203,155.86	167,395.36		$ 470,505.08
j. Indirect Charges					$
k. TOTALS (sum of 6i and 6j)	$ 99,953.86	$ 203,155.86	$ 167,395.36	$	$ 470,505.08
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8.	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 188,120.72	$ 47,030.18	$ 50,100.80	$ 45,500.33	$ 45,489.41
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 188,120.72	$ 47,030.18	$ 50,100.80	$ 45,500.33	$ 45,489.41

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. 99,953.86	$ 33,317.95	$ 33,317.95	$ 33,317.95	$
17. 203,155.90	71,104.57	71,104.57	60,946.76	
18. 167,396.40	83,698.20	66,958.56	16,739.64	
19.				
20. TOTAL (sum of lines 16 - 19)	$ 188,120.72	$ 171,381.08	$ 111,004.35	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges:

23. Remarks: Our budget is entered based on the three year performance period of the grant. Starting on Dec 1st, 2023 until Dec 1st, 2026.

LOGIC MODEL

Resources/Inputs	Activities	Outputs	Audience	Short term outcomes	Intermediate outcomes	Long-term outcomes
• Staff and contracted expert leadership, strategic partnership building and public outreach to broaden awareness of community-oriented solutions to climate change and air pollution • Volunteer time from public health leaders to help implement and prioritize actions from Methow Climate Action Plan to ensure a community safe in the face of adversity • Additional outreach activities and communication campaigns to improve air pollution and communicate about prescribed burning and smoke. • Volunteer time of community members for chipping and vegetation drives as an alternative to outdoor burning	• Air and climate programmatic work to reduce emissions, monitor air pollution and support the community on topics like air quality and climate resiliency. • Conduct quarterly forums. • Coordinate and promote free alternatives to burning events in Okanogan County or in pre-identified client clusters. • Coordinate and connect alternative to burning resources with the Okanogan Conservation District and Fire Adapted Methow Valley • Create outreach materials (slides rack cards, handouts, coasters, direct mailers) • Build relationships in underserved communities, especially Hispanic communities in Methow and Pateros • Give public demonstration and outreach highlighting alternatives to outdoor burning.	• 40 reliable low-cost sensors to accurately monitor PM2.5 pollution in under-resourced and overburden areas of Okanogan County • 13 quarterly forums focused on implementing actions in the Methow Climate Action Plan • 18 chipping and vegetation drive events over the three-year performance period • 1 regional air-climate conference	• Local partners • Community residents • Underserved populations in Okanogan County • City, state, and local government\ • Members of the community at risk as "sensitive" populations to wildfire smoke and air pollution (elders, children, pregnant women, those with heart or lung disease, those in substandard or insecure housing and outdoor workers with potential for high exposures) • County Public health leadership and decision makers • Organizations and individuals promoting forest health and wildfire preparedness: USFS, WA DNR, Fire Adapted Methow Valley, • Community residents interested in monitoring air pollution where	• Increase in # of residents of climate resiliency and air quality issues and work in community (n =1000 residents) • Decreased air pollution from outdoor burning. • Convening of other orgs, partners and potential new partners at the conference • New air pollution monitors in previously un-monitored areas • Air-Climate conference: host the vehicle for deeper conversations about air pollution and climate solutions	• Increased accessibility to burning alternatives. • Increase in # of households who choose to chip/compost rather than burn. • Trusted sources of air quality data in places previously without data. • An increase in households seeking alternatives to burning from landowners cleaning up their property to reduce fire risk; an increase in chipping, composting, and hauling of these materials as alternatives	• Data-driven decisions on air quality based on data from new and updated sensors • Decreased spring and fall PM2.5 concentration due to less outdoor burning. • Established air and climate coordinator positions in Okanogan County working with vulnerable populations and working toward climate and air quality solutions. • A healthier community inspired to take steps to reduce their smoke exposure. • A community motivated to change their behaviors that

	• Attend "EPA Region 10 Smoke Management in the Northwest" conferences to share the work of MVCC and learn how to further engage disadvantaged populations on air quality and health issues. • Meet with organizations responsible for forest health and wildfire preparedness to support their public communication efforts. • Host alternative to burning events such as chipping and composting to directly reduce air pollution • Replace aging Purple Air sensors. • Recruit new air sensor hosts in populated areas currently without monitoring in Okanogan County • 2025 Air-Climate Conference to facilitate deeper conversations about climate resiliency and air pollution in North Central Washington, while also procuring commitments from Local Government		there currently is no data. • Organizations, businesses, local universities, local government officials, land management agencies, general-public attending the air-climate conference			generate air pollution, such as participating in composting and chipping programs instead of outdoor burning, switching to alternatives to home heating with wood, or following clean home heating practices such as thoroughly seasoning wood and cleaning chimneys annually.

APPENDIX G

EJCPS Detailed Budget
***Rounded to closest whole #, totaled for three years. See budget on Grants.gov**

	Description	Total
Personnel	• **Project Manager.** Jasmine Minbashian will be the project manager for this grant. Jasmine oversees…. 4/h week @ $40/hr *Pay based on similar personnel job description responsibilities and pay =$24,960 for three years • **Air program coordinator.** 20hr/week @ $24/hr = $72,000 for three years • **Resilient Methow Program Coordinator** 20hr/week @ $24/hr = $72,000 for three years • **Community engagement coordinator** @ 5 hours/week @ $24/hr = $18,720 for three years • **Grant administration manager** @ $50,000 annual salary X 5% time on project = $2,500 • Two undergraduate intern @ $2500 annually X 100%=$15,000 for three summers	$210k
Fringe Benefits	• 0.1 of $24,960 for Project Manager. Covers health benefits, paid leave. • 0.1 of $72,000 for Air Program Coordinator: covers health benefits, paid leave. • 0.1 of $72,000 for Resilient Methow Coordinator: covers	$18,750

	health benefits and paid leave. • 0.1 of $18,720 for Community Engagement Coordinator: covers health benefits and paid leave	
Travel	• Local mileage for Air Program Coordinator: 70 miles @ $0.625/mi. x 50 meetings/trips =$ $2,187.5 • Local mileage for Resilient Methow Coordinator: 70 miles @ $0.625/mi. x 50 meetings/trips =$ $2,187.5 • Travel for Air-Climate Conference (2 days, 2 nights). Per diem = $61 per day x four staff = $244 x 2 days = $488, $200 mileage RT from Winthrop to Wenatchee (mileage = 199mi) for project manager, Air Program Coordinator, Resilient Methow Coordinator and Community Engagement Coordinator = $1,288	$5,663
Equipment	**No purchases greater than $5,000**	
Supplies	• 40 Purple Air sensors @ $229.00 + 20% for tax and shipping = $10,200 • Miscellaneous supplies for staff on this project = $1,500 • Outreach printing materials = $5,000 • Direct mailer printing @ $200 per effort x 6 efforts = $1200	$17,900
Contractual	• Contract for chipper and arborist @ $5,000 per day x 18 days = $90,000	$215,700

	• Smoke-ready consultant. Expertise in strategic relationship building, outreach and alternatives to burning. 5h/week @ $80/hr = $62,400 for three years • Air-Climate Conference = quoted by Wenatchee Convention Center $60,000 • Cashmere Mailing for 6 direct mailing efforts @ $300 per effort = $1,800 • Designer for outreach materials 20 hrs @ $75/hr = $1500	
Other	• Printing of communication materials: rack cards, handouts, coasters, etc. 5000 pieces @ $0.50/piece = $2500 •	$2500
		Total: 460k

APPENDIX H

Office of Environmental Justice and External Civil Rights
Quality Assurance Project Plan Requirement (QAPP)

Check Yes or No for each of the items provided below as it applies to your specific project. If you answered **YES** to any of the items listed above, you are **REQUIRED TO SUBMIT** a Quality Assurance Project Plan in accordance with EPA Requirements and an approved QAPP must be in place ***prior*** to the initiation of activities.

You will be contacted with information on how to prepare your QAPP. In the meantime, please visit the website https://www.epa.gov/sites/default/files/2015-06/documents/g5-final.pdf which provides guidance on what must be submitted for grants/cooperative agreements.

1. Your project will involve the collection of groundwater, soil, sediment, surface water, air, biota or fauna samples for chemical or biological analysis.
   Yes ☐ No ☒

2. Your project will use existing computer databases containing analytical data or personal information previously collected.
   Yes ☐ No ☒

3. Your project will use existing historical research pertaining to this project or application. Yes ☐ No ☒

4. Your project will implement deed searches for current property or site.
   Yes ☐ No ☒

5. Your project will conduct medical records search for the population covered in the grant.
   Yes ☐ No ☒

6. Your project will compile meteorological data to determine weather trends or air mixing trends.
   Yes ☐ No ☒

7. Your project will use existing statistical studies or will conduct these studies as part of the project.
   Yes ☐ No ☒

8. Your project will create a new database based on the information gathered.
   Yes ☐ No ☒

9. Your project will use this information for litigation purposes.
   Yes ☐ No ☒

10. Your project will use this information to make recommendations on environmental decisions.
    Yes ☐ No ☒

Manifest for Grant Application # GRANT13856056

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 24963 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16042 bytes)

2. Form SF424A-V1.0.pdf (size 23261 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40265 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15912 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23994 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37346 bytes)

Attachments Included in Zip File (total 4):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-output (2).pdf application/pdf (size 449130 bytes)

2. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-EPA_2023_Project_Narrative_timeline.pdf application/pdf (size 334606 bytes)

3. SF424_4_0 SF424_4_0-1235-Areas_Affected.pdf application/pdf (size 112323 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-epa cps doc.pdf application/pdf (size 3553902 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1234-Other Attachments .pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1241-_OCVA Work Plan.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Objective 1		$ 165,780.00	$ 0.00	$ 0.00	$ 0.00	$ 165,780.00
2. Objective 2		151,500.00	0.00	0.00	0.00	151,500.00
3. Objective 3		151,500.00	0.00	0.00	0.00	151,500.00
4. Objective 4		31,000.00	0.00	0.00	0.00	31,000.00
5. Totals		$ 499,780.00	$ 0.00	$ 0.00	$ 0.00	$ 499,780.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) Objective 1	(2) Objective 2	(3) Objective 3	(4) Objective 4	Total (5)
a. Personnel	$ 59,710.00	$ 59,710.00	$ 59,710.00	$ 10,000.00	$ 189,130.00
b. Fringe Benefits	18,913.00	18,913.00	18,913.00	0.00	56,739.00
c. Travel	3,689.00	842.00	842.00	0.00	5,373.00
d. Equipment	0.00	0.00	0.00	0.00	0.00
e. Supplies	0.00	0.00	0.00	0.00	0.00
f. Contractual	66,135.00	61,202.00	61,202.00	21,000.00	209,539.00
g. Construction	0.00	0.00	0.00	0.00	0.00
h. Other	17,333.00	10,833.00	10,833.00	0.00	38,999.00
i. Total Direct Charges (sum of 6a-6h)	165,780.00	151,500.00	151,500.00	31,000.00	$ 499,780.00
j. Indirect Charges	0.00	0.00	0.00	0.00	$ 0.00
k. TOTALS (sum of 6i and 6j)	$ 165,780.00	$ 151,500.00	$ 151,500.00	$ 31,000.00	$ 499,780.00
7. Program Income	$ 165,780.00	$ 151,500.00	$ 0.00	$ 31,000.00	$ 348,280.00

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Objective 1	$ 0.00	$ 0.00	$ 0.00	$ 0.00
9. Objective 2	0.00	0.00	0.00	0.00
10. Objective 3	0.00	0.00	0.00	0.00
11. Objective 4	0.00	0.00	0.00	0.00
12. TOTAL (sum of lines 8-11)	$ 0.00	$ 0.00	$ 0.00	$ 0.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 164,847.00	$ 37,750.00	$ 88,808.00	$ 4,462.00	$ 33,827.00
14. Non-Federal	$ 0.00	0.00	0.00	0.00	0.00
15. TOTAL (sum of lines 13 and 14)	$ 164,847.00	$ 37,750.00	$ 88,808.00	$ 4,462.00	$ 33,827.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)			
	(b)First	(c) Second	(d) Third	(e) Fourth
16. Objective 1	$ 78,035.00	$ 53,733.00	$ 34,011.00	$ 0.00
17. Objective 2	65,654.00	52,784.00	33,062.00	0.00
18. Objective 3	58,224.00	60,214.00	33,062.00	
19. Objective 4	3,333.00	3,333.00	24,333.00	
20. TOTAL (sum of lines 16 - 19)	$ 205,246.00	$ 170,064.00	$ 124,468.00	$ 0.00

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: 499,800

22. Indirect Charges: 0

23. Remarks: NA

Tracking Number:GRANT13861766 Funding Opportunity Number:EPA-R-OEJECR-OCS-23-01 Received Date:Apr 14, 2023 05:31:48 PM EDT

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Logic Model

Resources & Inputs	Activities	Outputs	Audience	Short-Term Outcomes	Intermediate Outcomes	Long-Term Outcomes
Objective 1						
OCVA Staff Time Portland, Salem, and Eugene CBOs Knot Consultant Time Forth Mobility Consultant Time NorthWest Transportation Options ODOT PSU	A1.1 Identify vulnerable communities of color in Portland Metro, Eugene, and Salem AND collaborate with CBOs. A1.2 Plan engagement sessions AND design survey A1.3 Conduct focus groups and complete surveys A1.4 Perform Social Travel Analysis of vulnerable communities of color in Portland Metro, Eugene, and Salem	R1.1 Develop partnerships with 4 CBOs in Portland, 3 in Salem, and 2 in Eugene. R1.2 A) Create and test a digital survey in the target community. B) Develop 9 engagement plans for each focus group. R1.3 Conduct 4 focus groups in Portland, 3 in Salem, 2 in Eugene, and 100 surveys. R1.4 Produce a report chapter on safe and equitable travel to the Oregon coast for vulnerable travelers of color, including visions, goals, and key barriers. R1.5 Produce a report chapter on clean energy transportation routes, schedules, and important locations for transportation	Vulnerable communities of color living in the Portland, Salem, and Eugene Areas. Local partners such as other CBO's operating in the Portland, Salem, and Eugene Areas. City, state, and local government agencies including ODOT, and ODOE Utility providers Transportation	Vulnerable communities of color living in the Portland Metro, Eugene, and Salem areas will: 1. Learn about and engage with our program and our proposed model. 2. Will be supported in identifying and communicating gaps, and deep seeded cultural barriers experienced around equitable travel to the Oregon coast 3. Will vision and set community priorities for accessible low emission transportation to the coast	Through engagement and discussion, CBO's, Government organizations, and other NGOs will learn about opportunities to increase equitable travel to the Oregon Coast. This will be measured by the development of an advisory board and number of advisors serving from audience organizations.	A detailed Oregon Coast equitable and inclusive movement plan with social and infrastructure analysis will be publicly available. This plan will provide detailed action steps for community implementation. Long-term outcomes from the implementation of this plan are: 1.increased access to nature for identified vulnerable communities 2. Increased

	A1.5 Perform Route Analysis from identified vulnerable communities of color in Portland Metro, Eugene, and Salem to the Oregon Coast. A1.6 Perform Technical & Financial Transportation Analysis to support the travel of vulnerable communities of color in Portland Metro, Eugene, and Salem to the Oregon Coast. A1.7 Perform Key Collaborator Analysis to support implementation of solutions in vulnerable communities of color in Portland Metro, Eugene, and Salem to the Oregon Coast.	hubs. R1.6 Produce a report chapter describing key transportation infrastructure, financial support, vehicle procurement strategies, policy development strategies, and incentives. R1.7 Produce a report chapter outlining the roles of project managers, implementing partners, government support, technical expertise, and cooperation from industry and business partners.	providers	These short term outcomes will be measured by survey responses and focus group participation against targets. Another short-term outcome will be partnership development between the Coastal CBO (OCVA) and CBOs serving above-mentioned vulnerable communities. This will be measured in the number of partnerships between OCVA and other CBOs.		access to low emission transportation options for identified vulnerable communities. 3.increased rates of travelers of color visiting the Oregon coast 4.Job generation from emerging industries for identified vulnerable communities 5. Installation of critical infrastructure needed to meet Oregon's transportation electrification needs

Objective 2						
OCVA Staff Time Knot Consultant Time Forth Mobility Consultant Time NorthWest Transportation Options ODOT PSU Sunset Empire Tillamook County Transportation District Visit Tillamook Bay	A2.1 Identify commuter communities in the tourism industry on the Oregon North and Central Coast, and collaborate with community advocates and other community CBOs. A2.2 Plan engagement sessions and design surveys. A2.3 Conduct focus groups and complete surveys. A2.4 Perform a social travel analysis of Oregon coast tourism workforce	R2.1 Activate current coastal partnerships with community advocates, other CBOs, and businesses on the Oregon Coast that work with tourism commuters, and identify five locations for focus groups. R2.2 A) Create and test a digital survey in the target community. B) Develop five engagement plans for each focus group. R2.3 Conduct five workforce focus groups in identified commuter communities on the Oregon North and Central Coast. R2.4 Produce a report chapter on safe and equitable transportation for Oregon coast tourism workforce commuters, including visions, goals, and key barriers. R2.5 Produce a report chapter on clean energy transportation routes,	Oregon Coast Tourism Workforce who Commute to work Local partners such as community advocates, businesses, chambers of commerce, utility providers, other NGOs and CBO's operating along the Oregon Coast. City, state, and local government agencies including ODOT, and ODOE Transportation providers such as Sunset	Oregon coast tourism workforce commuters will: 1. Learn about and engage with our program and our proposed model. 2. Be supported in identifying and communicating gaps and needs surrounding equitable travel to and along the Oregon coast. 3. Will vision and set priorities for accessible low emission transportation to work. These short term outcomes will be measured by survey responses and focus group participation.	Through engagement and discussion, CBO's, Government organizations, and other NGOs will learn about opportunities to increase equitable travel to and along the Oregon Coast. This will be measured by the development of an advisory board and number of advisors serving from audience organizations.	A detailed Oregon Coast equitable and inclusive movement plan with social and infrastructure analysis and detailed actions steps for community implementation. Long-term outcomes from the implementation of this plan are: 1.increased access to low emission transportation options 2. Increased access to EV charging 3.reduced number of vehicles driving on the Oregon coast (and reduced

	commuters. A2.5 Perform a route analysis of Oregon coast tourism workforce commuters. A2.6 Perform technical and financial transportation analysis to support the travel of Oregon coast tourism workforce commuters. A2.7 Perform key collaborator analysis to support the implementation of solutions for Oregon coast tourism workforce commuters.	schedules, and important locations for transportation and micro-mobility hubs. R2.6 Produce a report chapter describing key transportation infrastructure, financial support, vehicle procurement strategies, policy development strategies, and incentives. R2.7 Produce a report chapter outlining the roles of project managers, implementing partners, government support, technical expertise, and cooperation from industry and business partners.	Empire and Tillamook County Transportation District Oregon Ports			emissions) 4.Job generation from emerging industries 5. Reduced time Oregon coast tourism workforce spends on commuting.
Objective 3						
OCVA Staff Time	A3.1 Identify the	R3.1 Activate current coastal	Residents of Oregon coast	Residents of Oregon coast destinations	Through engagement and	Create a detailed plan: Creating

Knot Consultant Time Forth Mobility Consultant Time NorthWest Transportation Options ODOT PSU Sunset Empire Tillamook County Transportation District Visit Tillamook Bay	North and Central Coast destinations in Oregon that are affected by high visitation traffic, and collaborate with community advocates and other community based organizations (CBOs). A3.2 Plan engagement sessions and design surveys. A3.3 Conduct focus groups and complete surveys. A3.4 Perform a social travel analysis of the impact of high traffic on Oregon coast destinations. A3.5 Perform a route analysis to identify the impact of high	partnerships with community advocates, other CBOs, and businesses on the Oregon Coast that work with high-visitation areas. R3.2 A) Create and test a digital survey in the target community. B) Develop five engagement plans for each focus group. R3.3 Conduct five destination focus groups in identified communities on the North and Central Coast of Oregon. R3.4 Produce a report chapter on safe and equitable transportation for high-traffic impact Oregon coast destinations, including visions, goals, and key barriers. R3.5 Produce a report chapter on clean energy transportation routes, schedules, and important locations for transportation and micro-mobility hubs. R3.6 Produce a report chapter describing key transportation infrastructure, financial support, vehicle procurement	destinations impacted by traffic and transportation emissions. Local partners such as community advocates, businesses, chambers of commerce, utility providers, other NGOs and CBO's operating in identified communities along the Oregon Coast. City, state, and local government agencies including ODOT, and ODOE Transportation providers such as Sunset Empire and Tillamook	impacted by traffic and transportation emissions will: 1. Learn about and engage with our program and our proposed model. 2. Be supported in identifying and communicating gaps and needs surrounding equitable travel to and along the Oregon coast. 3. Will vision and set priorities for low emission transportation to and along destinations on the North and Central Coast. These short term outcomes will be measured by survey responses and focus group participation.	discussion, CBO's, Government organizations, and other NGOs will learn about opportunities to increase equitable travel to and along the Oregon Coast. This will be measured by the development of an advisory board and number of advisors serving from audience organizations.	Equitable and Low-Impact Transportation to and Along Oregon Coast that includes social and infrastructure analysis and detailed actions steps for community implementation. Long-term outcomes from the implementation of this plan are: 1.increased access to low emission transportation options such as busing, vans and rideshares. 2. Increased access to EV charging on the coast 3.reduced number of vehicles driving on the Oregon

	traffic on Oregon coast destinations. A3.6 Perform technical and financial transportation analysis to support the reduction in traffic and emissions at high-traffic impact Oregon coast destinations. A3.7 Perform a key collaborator analysis to support the implementation of solutions for Oregon coast visitation traffic.	strategies, policy development strategies, and incentives. R3.7 Produce a report chapter outlining the roles of project managers, implementing partners, government support, technical expertise, and cooperation from industry and business partners.	County Transportation District Oregon Ports			coast (and reduced emissions) 4.Job generation from emerging industries 5. Oregon coast residents experience reduced exposure to emissions.
Objective 4						
OCVA Staff Time Climate Scientist	A4.1 Develop a Report chapter called Oregon Coast	R4.1 Produce a report chapter describing future opportunities for Climate	All stakeholders interested in plan	To develop strategies for equitable transportation to and along the Oregon coast.	Go after implementation funding of identified solutions	Implement solutions outlined in the plan.

Consultant Knot Consultant Time Forth Mobility Consultant Time	Transportation Climate Change Preparedness Strategy A4.2 Conduct a workshop with collaborators. A4.3 Write and finalize an equitable and inclusive Oregon Coast movement plan based on all above analysis.	Change Preparedness. R4.2 Conduct three workshops: 1) Align transportation issue identification, vision, goals, and barriers while maintaining the specifics of location. 2) Determine key capacity and leadership development needed for the implementation of the plan and establish an advisory board. 3) Develop an implementation strategy. R4.3 The plan includes the following chapters: Background, Process & Methodology, Key Opportunities, Social Analysis, Route Analysis, Technical & Financial Transportation Analysis, Key Collaborator Analysis, Climate Change Transportation Preparedness Strategy, Gaps, and Conclusions.		The build alignment and create relationship among disconnected stakeholders Set and vision all community priorities for equitable transportation to and along the Oregon coast.		

ITEMIZED BUDGET

	Description	Total
Personnel	OCVA Executive Director @ .05 FTE for 3 years @ $46.63/hr (104 hrs/year)= $14,549 OCVA Deputy Director @ .10 FTE for 3 years @ $46.63/hr (192 hrs/year)= $26,859 Industry Communications Coordinator @ .05FTE for 3 years @ $46.63/hr (96 hrs/year)= $13,429 Coastal Tourism Resilience Coordinator @ .50FTE for 3 years @ $46.63/hr (960 hrs/year)= $134,294	$189,130
Fringe Benefits	OCVA Executive Director @ Standard staff fringe rate 30% =$4,365 OCVA Deputy Director @ .10 FTE for 3 years @ $46.63/hr (192 hrs/year) @ Standard staff fringe rate 30% =$8,058 Industry Communications Coordinator @ Standard staff fringe rate 30% =$4,029 Coastal Tourism Resiliency Coordinator @ Standard staff fringe rate 30% =$40,288	$56,739
Travel	-Local mileage for Resilience Coordinator Meetings: 3872 miles for 19 meetings @ 0.625 = $2420 - Per diem for 10 travel days on Oregon Coast @$150 = $1500	$5,373
Equipment	NA	$0
Supplies	NA	$0
Contractual	* *While these estimates are based on one or more bids from potential collaborators, all final contracts for this project will comply with competitive procurement contracting requirements and EPA's rule on Participation of disadvantaged business enterprises.* Analysis for Community Identification @$156/hr x 140 hrs +$1000 for travel = $21,840 CBO engagement strategy with community-based facilitator 238 hrs @ $85/hr =21250 + $1000 for travel =$21,250	$209,539

	Session Facilitation @ 19 session with 4 hrs/session+4 hrs prep @$85/hr= $12,920 English-Spanish Translator for all sessions @ 19 sessions *4 hours x $50/hr = $3,800 Survey Development @ 120 hours x $125/hr= $15,000 North Coast Transportation Expert @ 378 hours x $40/hr =$15,120 Social Analysis @ 180 hours x $156/hour =$28,080 Route analysis @ 218 hours x 156/hour + 500 data storage =$34,508 Key Collaborator Analysis @210 hours x $98/hr =$20,580 Tech & Financial Analysis @280hours x$98/hr= $27,440 Climate analysis @100 hours x $90/hr= $9,000	
Construction	NA	0
Indirect Costs	NA	0
Other	Participant Incentives for 19 focus groups= $15,000 CBO Partnership Incentive = $10,000 Focus group venue price @ 9 venues for $1000 and 10 venues for $500= $14,000	$39,000
Total		$499,800

1a. Project Summary Page

Project Title: Creating Equitable and Low-Impact Transportation to and Along Oregon Coast

Project Location: This is a multi-region project that has a specific focus on the following communities on the Oregon North and Central Coast: Astoria OR (97103), Seaside OR (97138), Cannon Beach (97110), Manzanita (97130), Nehalem OR(97131), Garibaldi OR(97118), Tillamook OR (97141), Pacific City OR (97135), Lincoln City OR (97367), Newport OR(97365 & 97366), Waldport OR(97394), Yachats OR(97498), and Florence OR(97439), and vulnerable communities in all Portland, Salem, and Eugene OR areas.

Applicant Information: Arica Sears, P.O. Box 940 Tillamook, OR 97141

Brief Description of Applicant Organization: The Oregon Coast Visitors Association (OCVA) strives to inspire travel and strengthen collaboration to create and maintain a sustainable coastal economy. To achieve this goal, OCVA has signed the Glasgow Declaration on Climate Action in Tourism and developed a Mitigation, Adaptation & Resiliency Climate Action Plan. OCVA is guided by these commitments.

OCVA partners with coastal communities to develop destination strategies aligned with their vision of "a coastal utopia for all." This includes engaging with stakeholders, preserving natural resources, managing tourism impacts, promoting sustainable travel, and reducing transportation emissions. These projects enhance the visitor experience and improve livability for residents.

Are you applying for the Small CBO Set Aside Track for $150,000 projects? No

Project Abstract: This planning grant aims to expand equitable and inclusive movement to and along the Oregon Coast. OCVA will do this by developing social, environmental, financial, and technical strategies to assess the critical points of technical and social infrastructure needed for equitable and low impact transportation. The grant will support three communities burdened by environmental justice issues relating to transportation to and along the Oregon coast: people of color who reside in the Portland metro, Salem, and Eugene areas who wish to visit the Oregon coast as tourists, the tourism workforce who commute to their employment on the Oregon coast, and residents residing in congested traffic ways along the north and central Oregon coast. The grant aims to reduce the nature gap observed in the Portland Metro, Salem, and Eugene areas, reduce barriers and increase feelings of safety for people of color visiting the Oregon coast, decrease workforce traffic and burden, and decrease traffic congestion and air pollution at highly visited coastal destinations.

Project Type(s): Planning, nature access, low-emission transportation technology, facilitating engagement of disadvantaged communities, workforce development to reduce GHG emissions

Special Considerations: Climate Change and Rural Areas

Environmental Issue: Air pollution, access to low-impact transportation, access to nature

List of Project Partners: Forth Mobility (transportation non-profit), Knot Design (business), Florence Chamber of Commerce (local government), Lincoln City Chamber (local government), Tillamook Coast Visitors Association (DMO), Oregon Department of Energy (state agency)

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Need of QAPP: Yes

1b. Environmental and Public Health Information of Underserved Community

This is a **planning** grant that aims to expand equitable and inclusive movement to and along the Oregon Coast. This grant develops social, environmental, financial, and technical strategy to assess the critical points of technical and social infrastructure needed for equitable and low impact transportation. The following three communities burdened by environmental justice issues relating to transportation to and along the Oregon coast will be supported:

1. People of color who reside in the Portland metro, Salem, and Eugene areas who wish to visit the Oregon coast as tourists. This includes Black (5.6%), Indigenous (1%), Asian (8.5%), Pacific Islander (0.5%), and Latinx (10.3%) peoples (REF). According to the EJ screening tool, these communities score between 80-95%ile for particulate matter, 80-100%ile for diesel particulate matter, 80-95%ile for cancer risk due to air toxics, 80-95%ile for air toxics respiratory HI, and 80-100%ile for traffic proximity burden. Due to historic discrimination in housing and zoning policies in Oregon metro areas (REF), people of color are more likely to live in areas with higher levels of particulate matter pollution (REF), live near major transportation corridors, such as highways and ports, that are major sources of pollution and emissions (REF), and experience health impacts, with people of color 30% more likely to have asthma (REF). A study by Oregon Health & Science University recently showed Oregon Black and Latinx children with increased asthma related emergency department use compared to white peers (REF). According to the EJ screening tool, people living in these communities score between 80-100%ile for Asthma.

There are two significant environmental justice impacts we hope to address regarding these communities: **First, we aim to reduce the nature gap observed in the Portland Metro, Salem, and Eugene areas.** The nature gap refers to the unequal access to clean air, public parks and beaches, biodiversity, and open spaces that people of color experience while living in these spaces. A 2020 report shows that there are racial and economic disparities in nature access. This report finds that there are fewer forests, streams, wetlands, and other natural places near where Black, Latinx, and Asian American people live. Notably, families of color with children have the least access to nature (REF). These disparities are particularly concerning as nature is a necessity for health and well-being (REF), particularly among communities with high exposure to air pollution (REF). This grant aims to identify strategic locations, routes, transportation times, and other needed information to establish and increase zero emission transportation options from the Portland Metro, Salem, and Eugene areas to the North and Central Coasts. It also aims to identify funding opportunities, build community capacity for the establishment of this program and develop multi-stakeholder partnerships with varying transportation organizations throughout Oregon, so that successful implementation of this plan may be achieved.

Second, we aim to reduce barriers and increase feelings of safety for people of color visiting the Oregon coast. Communities along the Oregon coast are historically known to be sundown towns, places that exclude people of color through fear, violence, and intimidation (REF). Through the Environmental Justice Collaborative Problem Solving Model (EJCPSM) and skilled facilitation, this grant aims to generate discussion amongst people of color in the Portland Metro, Salem, and Eugene areas surrounding barriers of safety and access when visiting the Oregon coast. From these discussions, we aim to identify social solutions and coastal partnerships to increase access for people of color to visit the Oregon coast.

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2. This grant will support the tourism workforce who commute to their employment on the Oregon coast. We will do this by identifying barriers to accessible and equitable transportation for workforce commuters and reducing the transportation burden they experience.

According to the State of Oregon Employment Department, in 2021, the accommodation and food services industry was the most racially diverse in the state with, 18% of the workforce identifying as Latinx, 6% Asian, 4% Black, and 2% Indigenous peoples (REF). A 2022 study shows that workers of color drive 22.4 minutes longer to get to work every week compared to white counterparts (REF) while a 2017 study shows that every extra commute minute is associated with reduced job satisfaction, leisure time satisfaction, increased strain, and reduced mental health (REF). There is a disproportionate burden placed on these commuters, who many times cannot afford to live in the same place they work. According to the most recent US census LEHD Origin-Destination Employment Statistics (REF), the majority of the workforce supporting Oregon North and Central coastal industries commutes from out of the area. 67% of Astoria workforce commutes, Seaside (66%), Nehalem (97%), Garibaldi (91%), Tillamook (79%), Pacific City (90%), Lincoln City (61%), Newport (71%), Waldport (85%), Yahats (89%), and Florence (67%). As tourism is the number one economic industry on the Oregon Coast (REF), a significant portion of the Oregon Coast tourism workforce is commuting to support the industry.

Additionally, fuel-based transportation increases air pollution, is the primary source of Oregon's statewide emissions (REF), contributes to climate change, and reduces equitable access to jobs due to the requirement of needing a vehicle to serve where public transportation does not (REF). Through the use of publicly available data and network analysis, this grant aims to identify the communities in which people are commuting from. Once these communities have been identified, using the EJCPSM, we can identify barriers to accessible and equitable transportation for this workforce, route analysis to support a workforce commuter program, financial analysis including the identification of incentives, an environmental analysis to better mitigate against emissions, a technical analysis to identify locations specifically for workforce EV charging, and vehicle procurement planning. This zero emission workforce commute plan will help alleviate the transportation burden placed on the Oregon coast tourism workforce.

3. This grant will support residents residing in congested traffic ways along the north and central Oregon coast. 91% of these residents are white, 6% Latinx, and 3% Indigenous peoples (REF). According to the EJ screening tool, residents residing in Astoria, Seaside, Tillamook, Lincoln City, Newport, Waldport, and Florence areas rank in the 80-100%ile for low income with pockets of limited English speaking populations ranking in the 70-95%ile compared to national numbers (REF). These coastal communities also range from 70-90%ile in traffic proximity burden, with Florence and Tillamook ranking in the 70-80%ile for air toxics repository HI. Connected to air pollution, these same coastal towns rank in the 80-90%ile for asthma, 80-100%ile for heart disease, and 80-90%ile for low life expectancy.

This grant aims to decrease traffic burden and air pollution of these highly trafficked coastal destinations. By knowing the point of origin, intended destination and trip route of these coastal visitors, we aim to develop transportation options that easily support visitation to the Oregon coast while significantly reducing both traffic and transportation emissions that are significantly burdening coastal residents. Through this grant we aim to develop coastal micro-mobility to support visitor movement once people have arrived on the coast. Using the EJCPSM, we hope to identify critical locations for EV charging infrastructure, micro-mobility infrastructure, financial access, vehicle and micro-mobility procurement, and identify collaborators on the coast to implement this plan. This will

benefit local residents by supporting the economy, decreasing transportation pollution, and minimizing traffic congestion, all three of which are critical burdens to coastal residents.

1c. Organization's Historical Connection to Underserved Community

OCVA was formed in 1997 by coastal cities, counties, destination management organizations (DMOs) and other stakeholders organized to promote vacation travel, recreation, attractions and overnight stays on the Oregon Coast. These efforts brought (and continue to bring) economic development opportunities to the rural communities of the region. In 2003, the state of Oregon passed House Bill 2267. Within the scope of the legislation, the Oregon Tourism Commission could appropriate as much as 15 percent of the revenue from the statewide lodging tax to Oregon's tourism regions for cooperative regional and multi-regional marketing efforts. OCVA became the official regional destination management organization for the Oregon Coast, receiving the coastal portion of the 15%. In 2016, OCVA shifted from focusing on marketing tourism to managing tourism. This allowed our organization to better address the needs of our communities including infrastructure, training, and partnering with non-tourism partners.

OCVA distributes an in-depth stakeholder survey provided by the Oregon Tourism Commission to our coastal communities including residents, businesses, local government and nonprofits every two years. This survey yields anywhere from 375 - 615 respondents. Our team reviews the results and then holds focus groups in person and online to gather more feedback from community partners. That community feedback directly informs our two-year strategic plan.

Priorities from those stakeholder surveys and feedback sessions have led to community-partnered and agency-partnered projects addressing local environmental and public health issues. A few examples are:

Creation of a Strategic Advisory Group in 2014 to mitigate negative impacts to local environments. We hear strong feedback every two years in our stakeholder surveys that communities are concerned about tourism's impact on their natural resources. We continue to convene this group of state and federal land management agencies quarterly with the intention of improving interagency communications, identifying current negative impacts to local environments and livability of coastal communities. Results include cooperative communications in Spanish and English via social media and print campaigns.

Creation and Support of Local Food Trails in 2018 and 2019 continues to be a high priority for our community members, which includes providing local food producers (like fishermen and farmers) and businesses sourcing local food with technical support and marketing tools. We actively lead two food trails on the Oregon Coast which have resulted in 77 active partners including farms, ranches, restaurants, local markets, artisan products, craft beverages and local experiences who gather for technical training, networking, and cooperative marketing to visitors.

Creation of North Coast Tourism Management Network (NCTMN) in 2018 to focus on mitigating negative impacts of tourism in high visitation areas in Clatsop and Tillamook Counties, including habitat destruction, increased traffic and congestion, and increased trash and human waste in outdoor areas. More than 100 residents developed a community vision for successful regional tourism, including formation of the NCTMN. The network has resulted in a collaborative networking and problem solving model for two coastal counties, the creation of a public restrooms map, a series of educational webinars on sustainable tourism practices, cooperative education campaigns on trail

safety and etiquette and stewardship behaviors, resources for volunteer tourism, and guides for car-free travel to and along the North Coast in both English and Spanish.

Creation of the Ocean Cluster Initiative in 2021, which focuses on making local seafood easier to find and buy, and captures more value for communities from our local catch. Partners include Oregon RAIN, coastal ports, economic development districts, small business development centers, community colleges, local food producers, and local nonprofit organizations. This recent work has resulted in 15 videos highlighting the local seafood and aquaculture industry; $85K of funding to and collaboration with Oregon Kelp Alliance; $60K of funding committed to the Port of Bandon, supporting their innovative mariculture and Urchin Ranch in efforts to restore Oregon's wild kelp forests; subsidies and support for 3 new delivery routes for local food, which is expanding access and creating additional farm business opportunities; subsidies and support for coordinating a PSU Portland cooperative farmers market booth with 5 local coastal producers providing products (the booth generated just under $30k in new sales for these producers over the summer months); and the development of an "Oregon Coastal Food Prospector" mapping tool to help identify gaps in food system infrastructure.

Participation in the Tourism Declares a Climate Emergency Coalition and Creation of a Mitigation, Adaptation and Resilience Plan in 2021 to take purposeful action to reduce carbon emissions as per the advice from The Intergovernmental Panel on Climate Change (IPCC) to cut global carbon emissions to 55% below 2017 levels by 2030. We heard concern from our communities regarding the future of seafood industries, the dairy industry and tourism industry about the impacts of ocean acidification, increased droughts, flooding and wildfires. Additionally, some of our counties, like Lane County, conducted community engagement workshops and focus groups to support their own county-wide climate action plan.

Our participation in these community conversations resulted in the creation of one of the first tourism Mitigation, Adaptation and Resilience Plans in the United States and integration of climate action in the Oregon Tourism Commission's new strategic plan. We interviewed and listened to numerous state agencies, coastal businesses and state tourism partners. We have connected with 110 coastal businesses on EV topics through in-person events and one-on-one meetings. We have partnered with local and national partners to install $1million worth of Level 3 DC Fast Chargers and are currently securing an additional $1 million worth for infrastructure this summer.

Creation of an Oregon Coast Travelability Group which focuses on the intersection of travel and accessibility for disabled travelers. Our organization convenes this group quarterly, shares communications and funding opportunities and has sponsored Oregon Coast partners to attend the national Travelability Conference. This has resulted in $200,000 of grant funding to the Oregon Coast region to support accessibility assessments, training and marketing.

Organizational Focus on Diversity, Equity, Inclusion and Accessibility continues to be prioritized by our stakeholders, visitors and organization. Our 2022 annual grant program ($90,000) was focused on DEIA programs and initiatives on the Oregon Coast. We funded and continue to work with: Vive NW, Adventures without Limits, Latinos Outdoors Portland Chapter, Oregon Coast Aquarium Latinx visitors, Oregon Black Pioneers and View the Future.

1d. EJCPS Model

Step 1: Issue Identification, Community Vision, & Strategic Goal Setting

For Oregon Coast Visitors of Color residing in Portland Metro, Salem, and Eugene Areas:

Using Knot Designs network analysis, we will collaborate and build relationships with CBOs who work in identified communities, with the goal of building on existing expertise and leadership. Prior to conducting focus groups sessions, we will conduct local outreach and fact-finding to better understand community history and practices. These focus group sessions will also allow us to identify relevant issues, and connect with community advocates and stakeholders.

To reduce underrepresentation in natural spaces by better understanding barriers and increasing feelings of safety for people of color visiting the Oregon coast, we will conduct focus groups in identified marginalized communities. These will be non-prescriptive, open-ended focus groups. The goal will be a deeper understanding of cultural barriers, qualitative experiences, and vision of these Oregon communities. The attendees of these focus groups sessions will also complete a survey to better understand transportation and infrastructure needs of the respondents and to collect data needed for additional analysis.

For Oregon Coast Tourism Workforce and Residents:

As a CBO on the Oregon Coast, OCVA works extensively with businesses, workforce and residents. OCVA also commonly collaborates with other CBOs in the regions also working in these communities. Using the proposed workforce movement and visitor movement analysis, we will identify the coastal communities with the largest commuting workforces and those that experience significantly high visitation (with a focus towards identifying communities that have *both* a high number of commuters and high visitation). Once identified, these communities will be brought to the table with the goal of syncing and aligning existing community expertise and leadership. In connecting with these relationships, we will perform fact-finding to better understand community history and practices, identify relevant issues, and connect with community advocates and stakeholders important for the focus groups sessions.

We will conduct similar focus groups in these identified coastal communities: these will be non-prescriptive, open-ended focus groups to better understand the deeper cultural barriers, qualitative experiences, and vision of these communities not available through current databases. The attendees of these focus groups sessions will also complete a survey to better understand transportation and infrastructure needs of the respondents and to collect data needed for additional analysis.

Step 2: Community Capacity Building & Leadership Development

Based on the information collected from the focus groups session, we will further build relationships with community advocates and CBOs who express interest in implementing solutions identified in focus group sessions and surveys. In collaboration with these relationships, we will develop a plan highlighting ways to build capacity, leadership, and financial support tailored specifically to the communities engaged. This plan will include training, mentoring, and technical assistance activities. It will also highlight next steps to develop processes that ensure capacity-building and leadership development for community residents engaging in these solutions. Through this process, we will also identify and recruit members for a project advisory board for future implementation (REF).

Step 3: Consensus Building & Dispute Resolution

Based on the expertise of both OCVA and collaborator Knot Design, we will design all focus groups sessions in a way that ensures fair treatment and meaningful participation of all stakeholders. Our plan will align and highlight common vision and goals of all partners, emphasizing win/win scenarios, mutual gains, and ways for collaboration. We will use dispute resolution techniques when necessary and will work with community advocates to identify third parties who can build trust amongst all dispute members.

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Step 4: Multi-Stakeholder Partnerships & Leveraging of Resources
This plan requires OCVA's collaboration with multiple key stakeholders who have vast expertise in communities, locations, and subjects. These include partnerships we have or are actively building that include Oregon coast, portland, Salem, and Eugene communities, transportation agencies and NGOs like Forth Mobility, other CBO's like the Oregon Just Transition Alliance, all levels of government from chambers of commerce to state led agencies like ODOT, business and industry like Knot Design, and academia such as researchers at PSU. These partnerships will be sharing resources including human, institutional, technical, legal, and financial. We will also be looking for new partnerships throughout the process to help address new issues and needs as they are identified.

Step 5: Constructive Engagement by Relative Stakeholders
The plan developed from this project will identify the project manager and partner roles necessary for the implementation of the planning recommendations. It will specifically identify how governments can support the next step implementation process through information, resources, and technical assistance. It will identify cooperation needed from industry and business partners. It also will identify any additional analysis needed and partners capable of performing future analysis.

Step 6: Sound Management & Implementation
Our approach will be developed with full transparency of the commitments required from each partner, in terms of staff time, finances, timeline, creation, visioning, and facilitation support. We will also make our plan publicly available including our measurements of success. We are focused on servant based horizontal leadership, with the goal of empowering communities and using all abilities and talents. The plan we develop will identify clear goals and results that will improve community conditions. It will also clarify the commitments needed from partnerships during implementation stages.

Step 7: Evaluation, lessons learned, replication of best practices
In our approach we have used a logic model to develop our plan including identifying our clear measures of success. After the completion of each activity in our plan, we will evaluate progress, lessons learned, and update our process to be most effective. Our free, publicly-available published plan will document and share all information and successes from our focus groups, analysis, and workshop alignment.

1e. Project Linkages

This project supports the EPA's strategic plan goal 2 in several ways. Firstly, it helps reduce environmental inequities by addressing the disproportionate impacts of traffic pollution from fossil fuel emissions on low-income communities and communities of color. Transportation is a major contributor to air pollution on the Oregon Coast, and an equitable transportation plan would prioritize the reduction of emissions in areas with high levels of pollution and vulnerable populations.

Secondly, this project takes significant steps in knowledge gathering and open-ended listening to plan safe, inclusive, and accessible transportation options for visitors of color, who have historically been excluded from access to the Oregon coast.

Thirdly, this project helps reduce greenhouse gas emissions from tourism workforce transportation and mitigate the impacts of climate change, which are seen predominantly in low-income and vulnerable communities of color both in the Portland, Salem, and Eugene areas, and destinations on

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the Oregon Coast. By promoting these transportation options, an equitable and accessible transportation plan can support the EPA's efforts to reduce carbon emissions and protect public health and the environment.

1f. Partner and Collaborate

At OCVA, we are committed to using a servant leadership approach. This means that we listen, build capacity, conduct research to understand the landscape, bring people together, promote cross-dialogue, and provide technical expertise to find solutions.

Our projects rely heavily on partnerships because we are a network of many stakeholders. We use partnership communication channels, outreach strategies, feedback loops, and local expertise. With this project, we aim to foster collaborations and build partnerships among community stakeholders. We will also develop a project advisory board to enable distributed leadership among stakeholders.

Our partners include:

Forth Mobility: brings deep connections with utilities, diverse and inclusive transportation options, policy, and government (city, state, and federal) and additional transportation providers. Their roles include technical and financial assessments and workforce focus groups. They offer expertise, time, network, partnerships, and methodology. Their interests align with our mission statement, which aims to "electrify transportation by bringing people together to create solutions that reduce pollution and barriers to access."

Knot Design: offers a novel methodology based on publicly available census data of identifying vulnerable communities and connecting them to CBO's working in those communities. Their roles could include engagement strategy, focus group planning, and route and social analysis. They offer expertise, time, network, partnerships, and methodology. Their interests align with our objectives and identified partner collaboration, which support Knot's approach to creating projects that respect and promote ecological health and social equity while fostering an appreciation for the environment.

Florence Chamber of Commerce (Chamber/Businesses): provides workforce and burdened destination focus groups, connections with Florence employers and the Florence City Council. They offer communication channels, community and business networks, and access to commuter workforce networks. Their interests align with our efforts to improve the economy of Florence.

Lincoln City Chamber of Commerce: provides workforce and burdened destination focus groups engagment, connections with Lincoln City employers and the Lincoln City Council.

Tillamook Coast Visitors Association (DMO): brings deep roots in Tillamook County with businesses, residents, and nonprofits, and visitors out of county (like Portland visitors). Their roles include workforce and burdened destination focus groups. They offer marketing programs, distributing surveys to industry for both workforce and residents, and expertise in alternative transportation options for visitors. Their interests align with our partner collaborations, feasibility reports, and opportunity to implement transportation programs, which align directly with the organization's focus on destination management and alternative transportation solutions.

ODOT- Northwest Area Department: has a role in plan development and provides capacity for additional funding opportunities, in-house support for community micro-mobility plans. They offer

connections to government entities and policy. Their interests align with our goals to provide a safe and reliable multimodal transportation system that connects people and helps Oregon's communities and economy thrive.

Oregon Just Transition Alliance (under development): aligns with visitors of color and workforce focus groups. They offer a statewide network consisting of a movement of communities facing environmental racism, climate change, and economic exploitation. Their interests align with our project outline, which focuses on the 2023 resilience agenda including the three key pillars: invest in resilient communities and a just recovery, ensure housing justice, and advance clean energy opportunity.

North Coast Tourism Management Network (under development): provides burdened destination focus groups and local resident sentiment feedback. They offer connections with local residents, businesses, local government, and environmental nonprofits, and a transportation action team focused on reducing cars, congestion, and parking tensions on the North Coast since 2018. Their interests align with our deliverables, which support the Network's initiatives to enhance healthy, collaborative, sustainable relationships between coastal visitors, residents, and the environment.

Northwest Oregon Works (under development): provides workforce focus group and plan development. They offer direct contacts with large employers in three of the seven coastal counties and insight into workforce resources and how to best support employers/employee relationships. Their interests align with our aim to champion impactful workforce solutions, provide leadership, create connections, foster partnerships, and make investments to address the employment needs of individuals and the business community.

OSU Cascades (under development): supports community engagement at a destination level and helps determine the carrying capacity of visitors for a given city or county. They offer academic expertise, destination and workforce case studies, and research support. Their interests align with our project, which seeks resident and workforce feedback and engagement to provide data that the tourism lab seeks to help tourism organizations around the country balance visitor needs and community impact.

2.0 Project Activities, Results, and Milestones

Objective 1: Reduce the nature gap and promote equitable and accessible travel to the Oregon Coast for vulnerable communities in Portland, Salem, and Eugene.		
Activity	**Results**	**Milestone Schedule**
A1.1 Identify vulnerable communities of color in Portland Metro, Eugene, and Salem using US census data and KNOT Design methodology. Connect with CBOs to establish key approaches for stakeholder engagement. Co-develop	R1.1 Develop relationships and engage in partnerships with nine community-based organizations (CBOs), based on the density of vulnerable populations: • Four CBOs in the Portland area • Three CBOs in Salem	S1.1 Month 1 - Month 6 Interact with 2-3 new CBOs monthly to establish partnerships. Aim to partner with 2 CBOs in each region by Month 4. If behind at this milestone, adjust strategy and timeline.

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strategies for momentum building within these communities.	• Two CBOs in Eugene	
A1.2 Collaborating with KNOT Design and partnered Community-Based Organizations (CBOs), plan engagement sessions and survey design to ensure all required information is collected for subsequent analysis	R1.2 A. Create a digital survey and test it with targeted community. Get feedback on usability and burden from five people. B. Develop an engagement plan for each focus group that includes partnering with a community-based facilitator (nine in total).	S1.2 Month 2- Month 8 A) By Month 3, we will have developed and tested our survey, adapting it based on feedback. B) Develop the first engagement plan by Month 4 and complete it all by the end of Month 8.
A1.3 Co-conduct focus groups in collaboration with partnered CBOs and facilitators. Surveys will be completed at focus groups, by participants.	R1.3 Conduct the following focus groups and collect qualitative and quantitative data: 4 FG in Portland Area 3 FG in Salem 2 FG in Eugene	S1.3 Month 9- Month 13 We will have our first focus group by the end of month 9, followed by two sessions per month for the next 4 months.
A1.4 **Social Analysis:** Perform analysis based on publicly available data and data received from focus groups.	R1.4 Produce a report chapter that describes the visions, goals, and key barriers for safe and equitable travel to the Oregon coast by vulnerable travelers of color.	S1.4 Month 14- Month 30 Analysis of draft 1 complete by Month 24. Conduct internal workshop A4.2 with first draft data. Additional analysis and report completion between Month 24-30, with final draft due in Month 30.
A1.5 **Route Analysis:** Perform analysis based on publicly available data and data received from focus groups.	R1.5 Produce a report chapter outlining the necessary clean energy transportation routes for vulnerable travelers of color visiting the Oregon Coast from Portland, Salem, and Eugene. The chapter should cover important locations for transportation hubs within these communities, as well as the quantity and type of EV charging infrastructure needed. Additionally, include community-relevant routes and schedules for busing, vanpools, and carshares.	S1.5 Month 14- Month 30 Analysis of draft 1 complete by Month 24. We will use this draft to conduct an internal workshop (A4.2). Additional analysis and report completion between Month 24-30, with final draft due in Month 30.
A1.6 **Technical & Financial**	R1.6 Produce a report chapter describing the key transportation	S1.6 Month 14- Month 30

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Transportation Analysis: Perform analysis based on publicly available data and data received from focus groups.	infrastructure and financial support necessary to increase equitable transportation access for vulnerable travelers of color to the Oregon coast. The chapter will include the required model and density of key infrastructure, vehicle procurement strategies, policy development strategies, and strategies for financial support and incentives.	Analysis of draft 1 complete by Month 24. We will use this draft to conduct an internal workshop (A4.2). Additional analysis and report completion between Month 24-30, with final draft due in Month 30.
A1.7 **Key Collaborator Analysis:** Perform analysis based on publicly available data and data received from focus groups.	R1.7 Produce a report chapter outlining the roles of project managers and partners for implementing planning recommendations from the analysis. Discuss government support, technical expertise, and cooperation from industry and business partners. Identify required technical expertise and potential partners for future analysis.	S1.7 Month 14- Month 30 Analysis of draft 1 complete by Month 24. We will use this draft to conduct an internal workshop (A4.2). Additional analysis and report completion between Month 24-30, with final draft due in Month 30.
Objective 2: Reduce transportation emissions and improve access to zero-emission transportation infrastructure for the tourism workforce on the Oregon Coast.		
Activity	**Results**	**Milestone Schedule**
A2.1 Identify target commuter communities on the Oregon North and Central Coast using US Census data and KNOT Design methodology. Develop key strategies for engaging commuters, and collaborate with other coastal organizations to build momentum within these communities.	R2.1 Identify five communities with a high level of tourism workforce commuters and engage in relationships and networking with other community-based organizations (CBOs), coastal community advocates, and businesses on the Oregon Coast that work with commuters.	S2.1 Month 3 - Month 7 Interact with 2-3 new CBOs/businesses/community advocates monthly to establish focus group locations. Aim to establish 1 focus group location in the coastal region by Month 5 with all 5 focus destinations by Month 7. If behind the Month 6 milestone, adjust strategy and timeline.
A2.2 Collaborating with KNOT Design and partnered Community-Based Organizations (CBOs),	R2.2 A. Create a digital survey and test it with a targeted community. Get feedback on usability and burden	S2.2 Month 6- Month 10 A) By Month 6, we will have developed and tested our survey,

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plan engagement sessions and survey design to ensure all required information is collected for subsequent analysis	from five people. B. Develop an engagement plan for each focus group that includes partnering with a community-based facilitator (nine in total).	adapting it based on feedback. B) Develop the first engagement plan by Month 6 and complete it all by the end of Month 10.
A2.3 Co-conduct focus groups in collaboration with community advocates, and facilitators. Surveys will be completed at FG, by participants.	R2.3 Conduct 5 focus groups in the North and Central coast and collect qualitative and quantitative data.	S2.3 Month 11- Month 14 We will have our first focus group by the end of month 11, followed by two sessions per month for the next 2 months.
A2.4 **Social Analysis:** Perform analysis based on publicly available data and data received from focus groups.	R2.4 Produce a report chapter that describes the vision, goals, and key barriers for safe and equitable tourism workforce commute travel to and along Oregon.	S2.4 Month 15- Month 30 Analysis of draft 1 complete by Month 24.We will use this draft to conduct an internal workshop (A4.2).Additional analysis and report completion between Month 24-30, with final draft due in Month 30.
A2.5 **Route Analysis:** Perform analysis based on publicly available data and data received from focus groups.	R2.5 Produce a report chapter on clean energy transportation for Oregon Coast tourism workforce commuters. Cover transportation hubs, EV charging infrastructure needs, and relevant busing, vanpooling, and carsharing routes and schedules.	S2.5 Month 15- Month 30 Analysis of draft 1 complete by Month 24.We will use this draft to conduct an internal workshop (A4.2).Additional analysis and report completion between Month 24-30, with final draft due in Month 30..
A2.6 **Technical & Financial Transportation Analysis:** Perform analysis based on publicly available data and data received from focus groups.	R2.6 Produce a report chapter describing the necessary strategic transportation infrastructure, with an emphasis on micro-mobility. It will cover the required models and densities of key infrastructure, including micro-mobility hubs, vehicle procurement strategies, policy development strategies, required coordination with coastal government and utility providers, and strategies for financial support and incentives.	S2.6 Month 15- Month 30 Analysis of draft 1 complete by Month 24.We will use this draft to conduct an internal workshop (A4.2).Additional analysis and report completion between Month 24-30, with final draft due in Month 30.

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A2.7 **Key Collaborator Analysis:** Perform analysis based on publicly available data and data received from focus groups	R2. Produce a report chapter outlining the roles of project managers and partners for implementing planning recommendations from the analysis. Discuss government support, technical expertise, and cooperation from industry and business partners. Identify required technical expertise and potential partners for future analysis.	S2.7 Month 15- Month 30 Analysis of draft 1 complete by Month 24. Conduct internal workshop A4.2 with first draft data. Additional analysis and report completion between Month 24-30, with final draft due in Month 30.
Objective 3: Planning an Equitable Way Forward for Oregon Coast Destinations Experiencing High Visitation Traffic		
Activity	**Results**	**Milestone Schedule**
A3.1 Identify Oregon Coast destinations affected by high visitation traffic using US Census data and KNOT Design methodology. Develop strategies for engaging community residents and collaborate with other coastal organizations to build momentum.	R3.1 Identify five destinations and engage in relationships and networking with other community-based organizations (CBOs) and coastal community advocates on the Oregon Coast that work with residents at these destinations.	S3.1 Month 3 - Month 7 Interact with 2-3 new CBOs/businesses/community advocates monthly to establish focus group locations. Aim to establish 1 focus group location in the coastal region by Month 5 with all 5 focus destinations by Month 7. If behind the Month 6 milestone, adjust strategy and timeline.
A3.2 Plan engagement sessions and survey design to ensure all required information is collected for subsequent analysis	R3.2 A. Create a digital survey and test it with a targeted community. Get feedback on usability and burden from five people. B. Develop an engagement plan for each focus group that includes partnering with a community-based facilitator (nine in total).	S3.2 Month 8- Month 12 A) By Month 8, we will have developed and tested our survey, adapting it based on feedback. B) Develop the first engagement plan by Month 9 and complete it all by the end of Month 12.
A3.3 Co-conduct focus groups in collaboration with community advocates, and facilitators. Surveys will be completed at FG, by participants.	R3.3 Conduct 5 focus groups in burdened destinations on the North and Central coast and collect qualitative and quantitative data.	S2.3 Month 13- Month 16 We will have our first focus group by the end of month 13, followed by two sessions per month for the next 2 months.

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A3.4 **Social Analysis:** Perform analysis based on publicly available data and data received from focus groups.	R3.4 Produce a report chapter that describes the vision, goals, and key barriers of residents living in burdened coastal destinations.	S3.4 Month 17- Month 330 Analysis of draft 1 complete by Month 24.We will use this draft to conduct an internal workshop (A4.2).Additional analysis and report completion between Month 24-30, with final draft due in Month 30.
A3.5 **Route Analysis:** Perform analysis based on publicly available data and data received from focus groups.	R3.5 Produce a report chapter on clean energy transportation for Oregon Coast destinations. Cover transportation hubs, EV charging infrastructure needs,micro-mobility, and relevant busing, vanpooling, and carsharing routes and schedules.	S3.5 Month 17- Month 30 Analysis of draft 1 complete by Month 24.We will use this draft to conduct an internal workshop (A4.2).Additional analysis and report completion between Month 24-30, with final draft due in Month 30.
A3.6 **Technical & Financial Transportation Analysis:** Perform analysis based on publicly available data and data received from focus groups.	R3.6 Produce a report chapter describing the necessary strategic transportation infrastructure. It will cover the required models and densities of key infrastructure, including micro-mobility hubs, vehicle procurement strategies, policy development strategies, required coordination with coastal government and utility providers, and strategies for financial support and incentives.	S3.6 Month 17- Month 30 Analysis of draft 1 complete by Month 24.We will use this draft to conduct an internal workshop (A4.2).Additional analysis and report completion between Month 24-30, with final draft due in Month 30..
A3.7 **Key Collaborator Analysis:** Perform analysis based on publicly available data and data received from focus groups	R3.7 Produce a report chapter outlining the roles of project managers and partners for implementing planning recommendations from the analysis. Discuss government support, technical expertise, and cooperation from industry and business partners. Identify required technical expertise and potential partners for future analysis.	S3.7 Month 17- Month 30 Analysis of draft 1 complete by Month 24.We will use this draft to conduct an internal workshop (A4.2).Additional analysis and report completion between Month 24-30, with final draft due in Month 30.
Objective 4: Write and finalize an Oregon Coast equitable and inclusive movement plan		
Activity	**Results**	**Milestone Schedule**
A4.1 **Climate Change Preparedness Strategy:** Perform environmental analysis assessing critical ways to reduce transportation emissions sourced from visitation	R4.1 Produce a report chapter describing metrics and indicators needed for implementation, set emission desired targets and pathway forward for achievement, suggest impact management strategies for implementation, and analyze the	S4.1 Month 27- Month 30 Based on internal workshop A4.2, the first draft of the plan will be available by Month 29. Final report draft due by Month 30.

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to the Oregon coast	spillover of climate factors in these identified communities into other industries.	
A4.2 Conduct collaborator workshop	R4.2 Conduct 3 workshops: 1) Align transportation issue identification, vision, goals and barriers while maintaining the specifics of location. 2) Determine key capacity and leadership development needed for the implementation of the plan and establish an advisory board. 3)Develop implementation strategy	S4.2 Month 25- Month 27 Workshop 1 to be performed Month 25, Workshop 2 in Month 26, and Workshop 3 in Month 27
A4.3 Write and finalize the plan: Creating Equitable and Low-Impact Transportation to and Along Oregon Coast based on the above analysis	R4.3 The plan includes the following chapters: Background, Process & Methodology, Key Opportunities, Social Analysis, Route Analysis, Technical & Financial Transportation Analysis, Key Collaborator Analysis, Climate Change Transportation Preparedness Strategy, Gaps, Conclusions	S4.3 Month 25- Month 36 All final plan chapters will be collected by Month 30. Draft 1 of the final plan will be complete by month 32. Plan will be distributed to all collaborators for feedback and edits Month by month 33. Final plan will be published on month 36..

2c. Itemized Budget Sheet

*Submitted as attachment

3.0 Environmental Results- Outputs, Outcomes, and Performance

3a. Environmental Results, Logic Model

*Submitted as attachment

3b. Performance Measurement Plan

Project Manager will use Asana management software to perform a monthly progress review that will track actual activity results/outputs to timeline, milestones and budget. There will be quarterly meetings with all partners to review and evaluate activities and results. If necessary, at these team reviews, the PM will adapt performance and make decisions to expand the timeline and or shift budget accordingly to the adjustment.

3c. Sustainability Plan and Community Vision

The Oregon Coast Visitors Association's (OCVA) mission "is to inspire travel and strengthen collaboration to create and steward a sustainable coastal economy." OCVA has also signed on to the

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Glascow Declaration on Climate Action in Tourism and created a Mitigation, Adaptation & Resiliency Climate Action Plan. Our projects are informed by this mission and these commitments.

OCVA has the honor of working with coastal communities to align partnerships, destination development projects, destination marketing, and destination management with the vision of creating "a coastal utopia for all." This includes coastal stakeholders, new and returning visitors, and the natural resources that make these coveted experiences so magical.

On the North Coast, OCVA worked with partners to develop and sustain the North Coast Tourism Management Network. This network has been the project management home for strategies that minimize the impacts of tourism on residents and the environment, inform visitors of best stewardship and sustainable travel practices, and decrease transportation emissions to and along the north coast. These projects both improve livability for local residents and enhance the visitor experience.

In collaboration with existing partners, OCVA will create a grant implementation plan. This plan will outline the specific role and responsibilities of the advisory board with two main programmatic focuses:

1) Advise and support OCVA's grant managers and grant partners in capacity building, community connections and funding identification.
2) Advise and support marketing and community outreach of the planning findings in order to build support and momentum for implementation.

This board's mandate will be to serve as a space where public collaborators can brainstorm, serve as a mechanism for community feedback and community accountability, extend invites to those who would not traditionally be at the tourism management table, and finally, empower local communities–through participation–to define equitable benefit sharing and successful project management.

The ultimate aim of the advisory board will be to hold OCVA and grant partners accountable to the above-stated mission and commitments as well as the needs of coastal residents and travelers.

4.0 Programmic Capability

4a. Organizational Experience

OCVA - Project Management Team
For nearly a decade, OCVA and our strategic partners have been uniting around a statewide vision to align Oregon's tourism industry for "*a better quality of life for all Oregonians*". This framework allowed our agency to embark on new pathways to support our rural coastal communities. What started years ago in the form of community engagement sessions to explore the impacts, benefits, and opportunities of increased visitation has expanded into a rich dialogue with community leaders, business owners, and residents working toward "sustainable tourism" on the Oregon Coast.

Oregon's 363 miles of rugged, rural coastline consists of 7 counties, 29 incorporated cities, and 68 unincorporated villages, with the largest populated city having only 16,700 residents. Our staff live and work in these rural communities, experiencing firsthand the hurdles that rural communities and

businesses experience. The following staff members will directly support the grant project while the rest will play supporting roles on our team:

4b. Staff Experience and Qualifications of PM

Arica Sears (Deputy Director) will be the Project Manager for the OCVA team and the overall grant. As a fifth generation resident of the Oregon Coast and active community member of Pacific City, OR she has a deep understanding of rural communities on the Oregon Coast. Her previous experience as a frontline hospitality worker locally and globally give her firsthand experience of the tourism industry. Her volunteer board positions with the Pacific City Doryman's Association, Kiawanda Community Center and Nestucca School Budget committee round out her understanding of other industries and cultural heritage on the coast.

Marcus Hinz (Executive Director) is a seasoned training and education administrator with decades of successful multi-departmental, organizational, and cross-jurisdictional collaboration on workforce training, technical assistance and inter-agency service coordination. He is currently the grant administrator for a USDA Local Food Promotion Program, which convenes numerous community members, seafood stakeholder and businesses together to keep more local seafood local via better processing, marketing and distribution systems. Marcus will ensure financial transparency, grant reporting systems oversight, and alignment between this work and existing work related to coastal workforce and climate.

Finn Johnson will support coastal workforce and business engagement as well as transportation feasibility reports in this project as OCVA's Coastal Tourism Resiliency Coordinator. He currently lives on the Oregon Coast in Astoria and is actively engaged in resiliency projects on the coast including EV mapping, EV infrastructure investments and placements, transit plan proposals for private companies on the North Coast, and creating climate resiliency donation systems for visitors. Finn works directly with coastal businesses and environmental nonprofits.

Karen Olson will support communication, community engagement and outreach needs for OCVA and grant partners during this three-year process. Her former role as the Manager of the North Coast Tourism Management Network provided her with direct community contacts and experience solving complex destination management issues like transportation, public safety, waste management and business support. Karen has lived on the North Coast for years and previously worked for one of the largest employers, Tillamook Cheese, while also supporting small community groups like the Emergency Volunteer Corps of Nehalem Bay.

Patty Martin is a Climate Consultant working directly with OCVA on the Mitigation, Adaptation and Resilience plan, partnership opportunities with coastal ports, and consultation for our Ocean Cluster Initiative. She will ensure climate and resilience options put forward are scientifically backed and provide expertise on emission measurements and reductions.

4c. Award Compliance

OCVA has standard compliance measurements in place for management of funding.

5.0 Past Performance

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1. USDA Local Food Promotion Program Grant | 2021 - Present | Federal - USDA | $735,200

This project is in progress and focused on implementing route optimization, backhaul opportunities, aggregation and cold storage development, strategic region-to-region coordination and application of technical assistance to help producers scale.

We have provided our first Interim Performance Report and will report 90 days after the end of each subsequent year until the expiration date of the grant period. Interim Performance Reports must illustrate the progress made toward the completion of each project within the grant agreement. Our team's progress and successes so far will be highlighted in an upcoming Local Agriculture Market Program Grant Spotlight.

2. Regional Food System Partnership Program - 2020 - 2023 | Federal - USDA | $450,000

This three-year grant provided support for the third phase of Oregon North Coast Regional Food System work implements and expanded on the planning and development of a multi-partner network of economic development, small agriculture and seafood producer development organizations, tourism food trail and farmers market organizations, small business development centers, local ports, and food value chain technical advisors.

OCVA provided a $62,500 cash match, was listed as "key staff" and helped develop the project management plan. Our organization was not the official applicant. Our role was to help alleviate producers' time knocking on doors and developing business sales by assisting them in making connections to markets. We supported events to connect producers to consumers and wholesale buyers, provided free marketing service through our broad-reaching networks, and provided sales of their products through our physical and digital marketplaces.

3. Oregon Wine Country License Plate Program - 2020 -2022 | Non-Federal | $40,000

With funding provided through sales of the Oregon Wine Country license plate, Travel Oregon administers a program to make grant awards available to tourism promotion agencies for projects that promote wine and culinary tourism and provide for the improvement or expansion of the tourism economy in Oregon.

Oregon Coast Visitors Association received $40,000 to host and facilitate Live Culture Coast, a two-weekend food festival that showcases the culinary richness and cultural heritage of the Southern Oregon Coast, in collaboration with local businesses, nonprofits and destination management organizations.

All required reports were submitted through Travel Oregon's online grant management system. The entire program and reporting was delayed an entire year due to the COVID-19 pandemic. With an extension we were still able to turn in a Mid- Project Report, and we completed our grant accomplishment report and final budget with detailed project expenses two months early.

6.0 QAPP Information: This project will require a QAPP. Specifically, this project will use existing computer databases containing analytical data and personal information, will use existing statistical studies, and will use this information to make recommendations on environmental decisions.

Manifest for Grant Application # GRANT13861766

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 35140 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16035 bytes)

2. Form SF424A-V1.0.pdf (size 23783 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40288 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15906 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23903 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37216 bytes)

Attachments Included in Zip File (total 8):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-Resumes of the Project Manager (PM) and Other Key Personnel.pdf application/pdf (size 1618289 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-Proof of Nonprofit status 501c6.pdf application/pdf (size 1335776 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-Itemized Budget.pdf application/pdf (size 52355 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-_OCVA Work Plan.pdf application/pdf (size 255377 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-Letters of Commitment draft.pdf application/pdf (size 1050127 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-Environmental Results_ Logic Model.pdf application/pdf (size 83204 bytes)

7. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1241-_OCVA Work Plan.pdf application/pdf (size 255377 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1234-Other Attachments .pdf application/pdf (size 4418177 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1234-Itemized_budget_narrative.docx

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1245-Project_Work_Plan.docx

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Project activities - Year 1	66.306	$	$	$ 151,681.00	$	$ 151,681.00
2. Project activities - Year 2	66.306			129,399.00		129,399.00
3. Project activities - Year 3	66.306			101,726.00		101,726.00
4.						
5. Totals		$	$	$ 382,806.00	$	$ 382,806.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) Project activities - Year 1	(2) Project activities - Year 2	(3) Project activities - Year 3	(4)	Total (5)
a. Personnel	$ 29,500.00	$ 30,385.00	$ 31,295.00	$	$ 91,180.00
b. Fringe Benefits	14,750.00	15,190.00	15,650.00		45,590.00
c. Travel	5,040.00	5,235.00	5,430.00		15,705.00
d. Equipment	27,525.00	0.00	0.00		27,525.00
e. Supplies	18,750.00	400.00	400.00		19,550.00
f. Contractual	26,975.00	47,817.00	25,075.00		99,867.00
g. Construction	0.00	0.00	0.00		0.00
h. Other	0.00	0.00	0.00		0.00
i. Total Direct Charges (sum of 6a-6h)	122,540.00	99,027.00	77,850.00		$ 299,417.00
j. Indirect Charges	29,141.00	30,372.00	23,876.00		$ 83,389.00
k. TOTALS (sum of 6i and 6j)	$ 151,681.00	$ 129,399.00	$ 101,726.00	$	$ 382,806.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Project activities - Year 1	$ 0.00	$ 0.00	$ 0.00	$ 0.00
9. Project activities - Year 2	0.00	0.00	0.00	0.00
10. Project activities - Year 3	0.00	0.00	0.00	0.00
11.				
12. TOTAL (sum of lines 8-11)	$ 0.00	$ 0.00	$ 0.00	$ 0.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 151,681.00	$ 52,026.00	$ 18,379.00	$ 69,222.00	$ 12,054.00
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 151,681.00	$ 52,026.00	$ 18,379.00	$ 69,222.00	$ 12,054.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Project activities - Year 1	$ 151,681.00	$	$	$
17. Project activities - Year 2		129,399.00		
18. Project activities - Year 3			101,726.00	
19. N/A				0.00
20. TOTAL (sum of lines 16 - 19)	$ 151,681.00	$ 129,399.00	$ 101,726.00	$ 0.00

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: 299,417.00

22. Indirect Charges: 83,389.00

23. Remarks: Indirect Cost Rate is 30.67% and does not apply to Equipment.

A. Itemized Budget by Year										
Item/Description	2023-2024			2024-2025			2025-2026			Totals
	Units	$/Unit	Cost	Units	$/Unit	Cost	Units	$/Unit	Cost	
Personnel										
PM salary (monthly w/ 3% annual increase)	5	5900	29500	5	6077	30385	5	6259	31295	91180
Total Personnel Costs										91180
Fringe Benefits										
PM fringe (50% benefit rate)	5	2950	14750	5	3038	15190	5	3130	15650	45590
Total Fringe Benefits Costs										45590
Travel										
Airfare for 3 to attend conference	3	600	1800	3	625	1875	3	650	1950	5625
Lodging for 3 to attend conference (4 days)	12	190	2280	12	200	2400	12	210	2520	7200
Daily per diem for 3 to attend conference (4 days)	12	80	960	12	80	960	12	80	960	2880
Total Travel Costs										15705
Equipment										
Portable Building (TundraTech quote)	1	15650	15650							15650
Water Activity Meter (Aqualab quote)	1	11875	11875							11875
Total Equipment Costs										27525
Supplies										
Supplies to reinforce foundation	1	2000	2000							2000
Standing racks with trays	8	200	1600							1600
Hanging racks	8	650	5200							5200
Misc. supplies (hooks, rope, trays)	1	500	500							500
Cleaning supplies (ethanol, etc)	2	50	100	2	50	100	2	50	100	300
Hobart electric salad spinner	1	3850	3850							3850
Fans/dehumidifier	4	50	200							200
Balances	2	350	700							700
Portable battery	1	700	700							700

Ducting pipe (25', 12" diameter)	3	700	2100							2100
Double bubble reflectix (4x125')	2	160	320							320
Wi-Fi thermo-hygrometer	1	130	130							130
Misc. lab supplies (cups, solutions, wipes)	1	750	750	1	300	300	1	300	300	1350
Shipping	1	600	600							600
Total Supplies Costs										19550
Contractual										
PWSSC Network/Phone/Printing	5	175	875	5	175	875	5	175	875	2625
NOF – hourly rate w/ 3 % annual increase	300	40	12000	300	41.2	12360	300	42.5	12750	37110
ROKC – hourly rate w/ 3 % annual increase	160	40	6400	160	41.2	6592	160	42.5	6800	19792
PWSEDD - hourly w/ 3 % annual increase	100	40	4000	100	41.2	4120	100	42.5	4250	12370
TBD local business to clear brush	1	3500	3500							3500
Cordova Center Rental (hourly rate)	4	50	200	4	50	200	8	50	400	800
Alaska MEP Manufacturing – monthly rate				2500	9	22500				22500
Water Activity Meter Calibration (Aqualab)				1	1170	1170				1170
Total Contractual Costs										99867
Total Construction Costs										0
Total Other Costs										0
Total Direct Costs										$299,417.00
Modified Total Direct Costs										$271,892.00
Indirect Costs (30.67%)										$83,389.00
Total Funding Request										$382,806.00

Abbreviations: NOF – Noble Ocean Farms; ROKC – Royal Ocean Kelp Company; PWSEDD – Prince William Sound Economic Development District (a CBO); MEP - Manufacturing Extension Partnership; PWSSC – Prince William Sound Science Center (applying CBO).

B. Budget Narrative

Personnel: Total personnel costs are $91,180.00 and includes salary for the project manager, Alysha Cypher, to dedicate 100% time for 5 months annually towards project management and participation in Activities 1-11. The PM will build the structure (1-2 days), dry seaweed (3 weeks), assay tissue samples (2 weeks), analyze data and prepare presentation to stakeholders (2 weeks), optimizing drying efficiency (1 week), organizing stakeholder meetings (2 days), organize community events (1.5 week), analyze survey data for presentation to stakeholders (3 day), prepare and hold training workshop (1.5 weeks), disseminate results and annual/final reporting (7-8 weeks).

Fringe: Total fringe costs are $45,590 and includes a 50% benefit rate for the PM, Alysha Cypher, to dedicate 100% time for 5 months. Fringe distribution includes 18% medical, 11% PTO, 6% pension, 9% payroll taxes, and 6% workman's compensation.

Travel: Total travel costs are $15,705 and includes airfare, lodging, and per diem for three farmers, Skye Steritz and Sean Den Adel of NOF and Thea Thomas of ROKC to attend the Mariculture Conference of Alaska each year in Juneau, Alaska. The PM will utilize other funds. We will make presentations in 2025 and 2026 on this project.

Equipment: Total equipment costs of $27,525 include the portable building and an Aqualab meter. We received a quote from TundraTech (Palmer, AK) for a 30'x16'x11' structure for $13,750 with a shipping rate of $1900 and will obtain competitive quotes from other companies, if funded. Aqualab provided a quote for a water activity meter for $11,700 with a shipping rate of $175 and can provide sole source documentation.

Supplies: Total supplies costs are $ 19,550 and includes the following supplies and need for project completion.

Item	**Purpose/Need**
Supplies to reinforce foundation	We anticipate needing to flatten the area under the structure (use palettes, wood, etc)
Standing racks with trays	For distributing kelp onto trays for drying
Hanging racks	For distributing kelp that is hanging vertically for drying. We include a second option in case one requires less labor.
Misc. supplies (hooks, rope, trays)	Additional supplies to hang kelp and utilize the entire structure space.
Cleaning supplies (ethanol, etc)	We will clean the structure frequently to prevent contamination with a solution of isopropyl alcohol.
Hobart electric salad spinner	To reduce drying time of kelp by allowing us to spin excess water out.
Fans/dehumidifier	To provide air movement and reduce humidity as needed for drying.
Balances	To weigh wet and dry kelp for water loss.
Portable battery	To provide electricity for fans.
Ducting pipe (25', 12" diameter)	For piping excess heat from diesel plant to structure approximately 30' away.

Double bubble reflectix (4x125')	For insulating the interior of the structure.
Wi-Fi thermo-hygrometer	To provide real-time measurements of internal and external temperature and humidity and notify project team if conditions deviate from expected norms.
Misc. lab supplies (disposable cups, salt solutions, kim wipes)	Supplies to operate water activity meter for measuring 'dryness' of kelp.
Shipping	Anticipated costs of shipping supplies

Contractual: Total contractual costs are $99,867 and includes
-$37,110 for Noble Ocean Farms (NOF) for Skye Steritz and Sean Den Adel to each allocate time (300 hours annually) towards building the structure (1-2 days), drying seaweed (~3 weeks), hosting community events (2 days per year), and training (1 day per year). These funds will not be used for purchasing kelp and hours will be tracked throughout the project.
-$19,792 for Royal Ocean Kelp Company (ROKC) for Thea Thomas to allocate time (160 hours annually) towards building the structure (1-2 days), drying seaweed (~3 weeks), preparing community events (2 days), community events (2 days per year). These funds will not be used for purchasing kelp and hours will be tracked throughout the project.
-$12,370 for Prince William Sound Economic Development District (PWSEDD) to allocate time (100 hours annually) towards this project. This will allow PWSEDD to arrange stakeholder meetings and identify long-term options for processing in PWS. PWSEDD has agreed to cover additional time allocated towards this project, if needed. We will track hours allocated towards this project.
-$2,625 for network/phone/printing for PWSSC salaried positions (PM Cypher) at a rate of $175/month for 5 months each year.
-$3500 for a TBD local business to assist with clearing brush from the proposed project site. This value is based on similar projects that have occurred in Cordova.
-$800 for renting space at the Cordova Center for 4 community events (1 in 2024, 1 in 2025, and 2 in 2026)
-$22,500 to contract with the Alaska Manufacturing Extension Partnership (MEP), a consulting firm for Alaska manufacturers, to hire a TBD business student for 9 months to complete a business viability assessment of the structure that incorporates project data. Alaska MEP has provided consulting for the seaweed mariculture industry in Alaska and can provide sole source documentation for this service.
-$1170 in the second year of this project to return meter to Aqualab for calibration.

Total Direct Costs: $299,417.00
Modified Total Direct Costs: $271,892.00 (excludes equipment)
Total Indirect Costs: $83,389.00 (calculated from an indirect cost rate of 30.67% - see negotiated IDC attachment)
Total Funding Request: $382,806.00

Inputs	Activities	Outputs	Audience	Short-term Outcomes	Intermediate Outcomes	Long-Term Outcomes
• Funding • Supplies and Equipment • Project Site • Heat Source • Time • Project team	1. Establish a structure for drying seaweed and using waste heat from a power plant. 2. Dry locally grown seaweed from 2024-2026. 3. Quantify drying times, rates, heating needs, and labor hours necessary for adequate drying. 4. Analyze data. 5. Hold regular stakeholder meetings. 6. Reassess and optimize drying efficiency 7. Assess social license for kelp farming. 8. Evaluate scalability and long-term solutions 9. Assess business viability 10. Train community members on kelp processing. 11. Disseminate Results	• Established structure • Drying data (drying rates/times, temperature/humidity data (inside/ outside structure), water activity of dried kelp, lbs dried.) • Effort data (hours, manpower) • Community events • Survey data (200 community members) • 40 PWS-residents trained on processing • 2 conference presentations • 1 Publication in scientific journal • 4 publications in newsletters • 1 City Council presentaion	• Kelp Farmers • Mariculture stakeholders • Consumers • Cordova Community Members • Food Processing Trainees • Coastal Alaska Communities	• Dedicated capacity to dry large quantities of kelp. • Optimized drying procedure based on data. • Reduced shipping costs to export products. • Options for scalability and long-term solutions • Business plan • Social license for kelp farming. • Developed workforce for kelp processing	• Farmers grow more kelp • Dried seaweed product development • Increased access to seaweed products and exports of dried products. • Long-term solution for drying capacity.	• Economic diversity (More community members join mariculture industry and generate income) • Food security (PWS has access to seaweed products)

Community Cook Demo Survey

Please rate your agreement with the following, from 1 to 10, with 10 being the best.

Seaweeds taste good.

1	2	3	4	5	6	7	8	9	10

I am likely to use seaweed in my home cooking.

1	2	3	4	5	6	7	8	9	10

Seaweeds could be popular in Alaskan cooking.

1	2	3	4	5	6	7	8	9	10

I am typically open to new foods.

1	2	3	4	5	6	7	8	9	10

I am an experienced cook.

1	2	3	4	5	6	7	8	9	10

What is your profession?

How long have you lived in Alaska (years)?

Other comments:

Social License to Operate Survey Form

The purpose of this survey is to measure community perception of mariculture. Your answer is valuable even if you do not know a lot about the mariculture industry. Please rate your agreement with the following, from 1 to 10, with 10 being the best.
DK = “don’t know”

1. The mariculture industry will benefit community members.

1	2	3	4	5	6	7	8	9	10	DK

2. The mariculture industry will benefit the PWS ecosystem.

1	2	3	4	5	6	7	8	9	10	DK

3. Mariculture industry stakeholders do what they say they will do.

1	2	3	4	5	6	7	8	9	10	DK

4. Mariculture stakeholders are listening to community members.

1	2	3	4	5	6	7	8	9	10	DK

5. The mariculture industry respects the people/citizen’s way of life.

1	2	3	4	5	6	7	8	9	10	DK

6. Community members are involved in decision-making for the mariculture industry.

1	2	3	4	5	6	7	8	9	10	DK

7. The mariculture industry treats community members and stakeholders equally/fairly.

1	2	3	4	5	6	7	8	9	10	DK

8. I approve of the mariculture industry operating in PWS.

1	2	3	4	5	6	7	8	9	10	DK

9 I approve of adding capacity for drying seaweed in Cordova.

1	2	3	4	5	6	7	8	9	10	DK

Where do you live?

What is your profession?

How long have you lived in Alaska (years)?

Other comments:

Workshop Survey Form

Please rate your agreement with the following, from 1 to 10, with 10 being the best.

1. The content was clear and improved my understanding of kelp farming.

1	2	3	4	5	6	7	8	9	10

2. The speakers had adequate expertise.

1	2	3	4	5	6	7	8	9	10

3. I am better prepared to join the seaweed industry.

1	2	3	4	5	6	7	8	9	10

4. How would you rate this workshop overall?

1	2	3	4	5	6	7	8	9	10

Where do you live?

Why did you join the workshop?

Were any topics not covered enough?

Did you have enough opportunity to express your concerns/interests in kelp farming?

Other comments:

ROYAL OCEAN KELP CO.

April 6, 2023

U.S. Environmental Protection Agency
Office of Environmental Justice and External Civil Rights
1200 Pennsylvania Avenue NW
Washington, DC 20004

To whom it may concern,

As the owner's of the Royal Ocean Kelp Co. we are writing to support the project "Drying seaweed using waste heat: a proof of concept to build community resilience for food security and economic diversity in PWS, AK" under the Environmental Justice Collaborative Problem Solving Cooperative Agreement Program.

Cordova, Alaska is a rural, coastal community located on the eastern edge of Prince William Sound (PWS). Cordova has a rich commercial fishing history with hardy people that rely on the sea for a living. The warming of the North Pacific and our inland rivers and lakes appears to be having a negative impact on salmon stocks. The salmon fishery has been the main economic driver in this region for over a century. Kelp farming is one way we are building climate resilience and food security. PWS has proven to be nearly perfect environment for growing kelp and shellfish.

The challenge has been developing the infrastructure and transportation methods to process the kelp and deliver it to markets outside of Alaska. Shipping fresh or frozen kelp that is 90% water is not economically viable. The stakeholders in PWS have determined the need for an energy-efficient way to dry the kelp for long-term preservation. We fully support this project idea to use excess heat from our local diesel power plant to dry kelp. We plan to participate fully in all aspects of this project from initial set-up to supplying raw kelp, hanging and drying, and stakeholder/community meetings to assess the progress.

Thank you for your consideration of this important project to help our community build resilience and provide economic viability to this emerging industry.

Sincerely,

Thea Thomas and Cale Herschleb
Royal Ocean Kelp Co.

April 2nd, 2023

U.S. Environmental Protection Agency
Office of Environmental Justice and External Civil Rights
1200 Pennsylvania Avenue NW
Washington, DC 20004

To whom it may concern,

Noble Ocean Farms is writing to support the project, "Drying seaweed using waste heat: a proof of concept to build community resilience for food security and economic diversity in PWS, AK" for the Environmental Justice Collaborative Problem Solving Cooperative Agreement Program. Our community of Cordova, Alaska is an isolated, rural, coastal town consisting of Alaska Native People and a mixture of settlers. Since the late 1800's, our community has been majorly reliant on commercial fishing for income and food security.

Now the fisheries are dwindling (largely due to climate change) and Cordova is in a precarious environmental and economic situation. There are currently no commercially-grown vegetables (on land) in Cordova, which leads to all produce being shipped in by barge or plane. Vegetables and fruits are often already damaged and have lost nutrients by the time they arrive. Transportation delays during COVID opened our eyes to the critical need to bolster our local food system.

Kelp farming is one way we are building climate resilience and food security. In the last two years, Noble Ocean Farms became one of the three commercial kelp farms growing highly-nutritious sea vegetables in local bays and distributing them to the community in April and May. The community support has been outstanding, and people are excited to have access to a new healthy food source – grown right in their home waters. Kelp also alleviates local ocean acidification, helping buffer the impacts of climate change for marine organisms like fish and shellfish.

The challenge is that we need an energy-efficient way to dry the kelp for long-term preservation. This idea, to use excess heat from the Cordova Electric Cooperative Orca Power Plant, is genius. We will participate by:

- Assisting with the set-up and installment of the temporary drying structure at Orca Power Plant,
- Using 1,000 lb. of our wet weight kelp crop each year from 2024-2026 to determine drying times and heating needs to reach below 0.85 water activity level,
- Co-hosting regular stakeholder meetings to assess processing needs in Cordova,
- Co-planning and co-hosting community events to assess and build community interest in processing and consuming seaweed, including teaching people how to cook with our dried kelp,
- Assisting in evaluating local prospects for moving the temporary structure off site of the Orca Power Plant, and
- Training current and prospective kelp farmers about kelp processing.

Thank you for your consideration of this important project to help our community build resilience climate resilience and combat food insecurity.

Sincerely,

Skye Steritz & Sean Den Adel

Manifest for Grant Application # GRANT13861163

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 34742 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16031 bytes)

2. Form SF424A-V1.0.pdf (size 23580 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40302 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15925 bytes)

5. Form SF424_4_0-V4.0.pdf (size 24038 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37296 bytes)

Attachments Included in Zip File (total 12):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1243-equipment_quotes.pdf application/pdf (size 354755 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1244-LOC_CEC.pdf application/pdf (size 105020 bytes)

3. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1245-Project_Work_Plan.docx application/vnd.openxmlformats-officedocument.wordprocessingml.document (size 524122 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1234-Itemized_budget_narrative.docx application/vnd.openxmlformats-officedocument.wordprocessingml.document (size 30240 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-IRS 501 (c)(3) Ltrs of Determination.pdf application/pdf (size 1964637 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-IDC_rate_agreement.pdf application/pdf (size 301081 bytes)

7. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-PWSSC_Logic_model.docx application/vnd.openxmlformats-officedocument.wordprocessingml.document (size 20025 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-Appendix A_surveys.docx application/vnd.openxmlformats-officedocument.wordprocessingml.document (size 18703 bytes)

9. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-LOC_PWSEDD.pdf application/pdf (size 276746 bytes)

10. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1242-Resumes_CVs_Project Team.pdf application/pdf (size 597997 bytes)

11. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-LOC_NOF.pdf application/pdf (size 104359 bytes)

12. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-LOC_ROKC.pdf application/pdf (size 120646 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-Budget Detail and Narrative_NIMS4MIM.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-Work Plan for EJCPS_FINAL.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program	66.306	$	$	$ 434,715.08	$	$ 434,715.08
2.						
3.						
4.						
5. Totals		$	$	$ 434,715.08	$	$ 434,715.08

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total
	(1) Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program	(2)	(3)	(4)	(5)
a. Personnel	$ 89,000.00	$	$	$	$ 89,000.00
b. Fringe Benefits	14,952.00				14,952.00
c. Travel	16,532.64				16,532.64
d. Equipment	0.00				0.00
e. Supplies	49,310.55				49,310.55
f. Contractual	22,500.00				22,500.00
g. Construction	0.00				0.00
h. Other	218,190.37				218,190.37
i. Total Direct Charges (sum of 6a-6h)	410,485.56				$ 410,485.56
j. Indirect Charges	24,229.52				$ 24,229.52
k. TOTALS (sum of 6i and 6j)	$ 434,715.08	$	$	$	$ 434,715.08
7. Program Income	$ 0.00	$	$	$	$ 0.00

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program	$ 0.00	$ 0.00	$ 0.00	$ 0.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$ 0.00	$ 0.00	$ 0.00	$ 0.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 150,514.95	$ 50,171.65	$ 50,171.65	$ 50,171.65	$
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 150,514.95	$ 50,171.65	$ 50,171.65	$ 50,171.65	$

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program	$ 150,514.94	$ 179,880.00	$ 104,320.13	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 150,514.94	$ 179,880.00	$ 104,320.13	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges: $242,295.19 MTDC x 10% de minimus rate =$24,229.52

23. Remarks: See Budget Detail and Narrative included with submission for detailed cost breakdowns.

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1250-SOFRC_EPA Grant_EJCPS.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

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OMB Control No. 2030-0020
Approval expires 04/30/2021

U.S. ENVIRONMENTAL PROTECTION AGENCY
Washington, DC 20460

Appendix A

EPA Administrative Capability Questionnaire

The Environmental Protection Agency (EPA) uses the standards set forth in the Code of Federal Regulations, Title 2, Parts 200 and 1500, "Uniform Administrative Requirements, Cost Principles and Audit Requirements for Federal Awards" to assess the adequacy of administrative management systems. These regulations can be found by searching the Electronic Code of Federal Regulations by Title and Part at: http://www.ecfr.gov/.

If your organization is being recommended for an EPA grant, and your organizational policies and procedures do not fully cover the areas outlined in the questionnaire, revised or new policies may be necessary to comply with Federal financial management standards.

PART I - GENERAL

1.	**Legal Name of the Organization**	Southern Oregon Forest Restoration Collaborative
2.	**Other Organizational Names or Acronyms Used**	SOFRC
2a	**Please Identify any affiliated organizations**	
3.	**Unique Entity Identifier (aka Dun and Bradstreet (D&B) Data Universal Numbering System (DUNS)) Number**	013435751
4.	**Is your accounting system accrual based or cash based?**	accrual
5.	**Is your accounting system manual, automated or combination?**	combination
6.	**Has an audit been performed on the organization's financial statement?**	no
7.	**What was the audit opinion?**	n/a
8.	**If the organization has expended more than $750,000 in federal grant funds within a year, has an Single audit been performed?**	n/a
9.	**If yes, were there any major findings?**	n/a
10.	**Does the organization have an approved indirect cost rate with the Federal government?**	in process
11.	**Has the organization filed any certification/questionnaire regarding its financial managements systems to other Federal agencies? If yes, please list and provide a copy.**	no

PART II - ADMINISTRATIVE CAPABILITY

	Instructions: Check the appropriate box to the right for each item. If your organization has written policies/procedures that meet the requirement, check the box under the AYes@column. If your organization does not have written policies/procedures that meet the requirement described under this column, check (/) the box under the ANo@column and explain in the box or in an attachment. Please provide EPA a copy (electronic is preferable) of the following items: 1) Most recent audit of financial statements and management letter, 2) procurement and property policies, 3) personnel policies and 4) travel policy. EPA will evaluate your responses against these items.	**Yes**	**No (explain)**
STANDARDS FOR FINANCIAL MANAGEMENT SYSTEMS		X	
1.	Does your accounting and financial management system(s) follow Generally Accepted Accounting Principles? (2 CFR 200.403)	X	
2.	Is your financial management system(s) able to relate financial data to performance data and develop unit cost information? (2 CFR 200.301)	X	
3.	Can your financial management system(s) provide accurate, current and complete disclosure of the financial results of each federally-sponsored project or program in accordance with the financial reporting requirements (2 CFR 200.327? These are the Financial Status Report and Report of Federal Cash Transactions. (2 CFR 200.302(b)(2))	X	
4.	Can your financial management system(s) provide records that adequately identify the source and application of funds for federally-sponsored activities? Information to be included is: authorizations, obligations, unliquidated obligations, assets, outlays, income and interest. (2 CFR 200.302(b)(3))	X	
5.	Does your financial management system(s) provide for effective control over and accountability for all funds, property and other assets, including ensuring that all such assets are used solely for authorized purposes? (2 CFR 200.302(b)(4))	X	
6.	Can your financial management system(s) provide for a comparison of outlays with budget amounts for each award, including, where appropriate, information related to performance and unit cost? (2 CFR 200.302(b)(5))	X	
7.	Does your financial management system(s) provide written procedures to minimize the time elapsing between the transfer of funds to the recipient from the U.S. Treasury and the issuance or redemption of checks, warrants or payments by other means for the purposes of the program? (2 CFR 200.302(b)(6))	n/a	
8.	Does your financial management system(s) provide written procedures for determining the reasonableness, allocability and allowability of costs in accordance with 2 CFR 200.302(b)(7)?	X	
9.	Does your financial management system(s) provide accounting records which include cost accounting records supported by source documentation? (2 CFR 200.302(b)(3))	X	
10.	If applicable, does your financial management system(s) provide procedures for conducting an audit in accordance with 2 CFR 200 Subpart F? Currently, single audits are required for recipients expending $750,000 or more in federal funds during the fiscal year. (2 CFR 200.501)	N/A	
11.	Does your financial management system(s) provide or describe existing or planned indirect cost rates? C(2 CFR 200 Subpart E)	X	
PROPERTY AND PROCUREMENT STANDARDS			

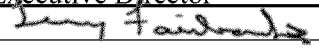
ED_016126_00000638-00002

	Instructions: Check the appropriate box to the right for each item. If your organization has written policies/procedures that meet the requirement, check the box under the AYes@column. If your organization does not have written policies/procedures that meet the requirement described under this column, check (/) the box under the ANo@column and explain in the box or in an attachment. Please provide EPA a copy (electronic is preferable) of the following items: 1) Most recent audit of financial statements and management letter, 2) procurement and property policies, 3) personnel policies and 4) travel policy. EPA will evaluate your responses against these items.	**Yes**	**No (explain)**
1.	Does your property management system(s) provide for maintaining: (1) a description of the equipment; (2) an identification number; (3) source of the property, including the award number; (4) where title vests; (5) acquisition date; (6) federal share of property cost; (7) location and condition of the property; (8) acquisition cost; (9) ultimate disposition information? (2 CFR 200.313(d)(1))		/no property
2.	Does your property management system(s) provide for a physical inventory and reconciliation of property at least every two years? (2 CFR 200.313(d)(2))		/no property
3.	Does your property management system(s) provide controls to insure safeguards against loss, damage or theft of the property? (2 CFR 200.313(d)(3))		/no property
4.	Does your property management system(s) provide for adequate maintenance of the property? (2 CFR 200.313(d)(4))		/no property
5.	Does your organization maintain written procurement procedures which (1) avoid unnecessary purchases; (2) provide an analysis of lease and purchase alternatives; and (3) provide a process for soliciting goods and services? (2 CFR 200.318)	X	
6.	Does your procurement system provide for the conduct and documentation of cost or price analysis for each procurement action? (2 CFR 200.318))	X	
7.	Does your organization maintain written standards of conduct governing the performance of your employees engaged in the award and administration of contract (i.e., conflict of interest) and does it provide for disciplinary actions? (2 CFR 200.318(c)(1) and (c)(2)) **PERSONNEL AND TRAVEL**	X	
1.	Does your organization maintain a personnel system(s) which provides monthly reports on the activities of each employee whose compensation is charged to the assistance agreement? (2 CFR 200.430)	X	
2.	Does your organization maintain a standard travel policy? (2 CFR 200.474)	X	

PART III - CERTIFICATION AND SUBMISSION

CERTIFICATION OF APPLICANT'S AUTHORIZED REPRESENTATIVE (REQUIRED):

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Name Terry Fairbanks
Title Executive Director
Signature 
Date April 11, 2023

SUBMISSION INSTRUCTIONS:

Submit questionnaire with documentation at least 60 days prior to your proposed project start date to [EPA EMAIL ADDRESS]. If you do not have internet access, mail the questionnaire and supporting documentation to the following address:

US Environmental Protection Agency (EPA)
[MAILING ADDRESS]
Attn: [NAME OF CONTACT]

If the signed document is submitted by email, it must be submitted in a computer file format, such as Portable Document Format (PDF) developed by Adobe Systems, Inc., that allows authors to exchange documents among different computer systems, while preserving the documents' typography and page layout.

The public reporting and recordkeeping burden for this collection of information is estimated to average 4 hours per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Manifest for Grant Application # GRANT13861931

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 33380 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16040 bytes)

2. Form SF424A-V1.0.pdf (size 22812 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40350 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15927 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23994 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37320 bytes)

Attachments Included in Zip File (total 18):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-EJCPS Logic Model_SOWREP[86].pdf application/pdf (size 114084 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-Resume_JP_4_23.pdf application/pdf (size 38460 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-epa_form_6600_09_fill-signed.pdf application/pdf (size 316909 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-SOFRC IRS 501c determination letter.pdf application/pdf (size 1376578 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-SOFRC_EPA Grant_04_2023_Budget Narrative[47]_ SOFRC.pdf application/pdf (size 137742 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1244-LOC_ONREP_EPAGrant_4102023.pdf application/pdf (size 161868 bytes)

7. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1242-LOC_MSD_t _Ben Ho.pdf application/pdf (size 183790 bytes)

8. SF424_4_0 SF424_4_0-1251-Areas affected by Project.docx application/vnd.openxmlformats-officedocument.wordprocessingml.document (size 12380 bytes)

9. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1249-LOC_TNC_EPAgrant.doc application/msword (size 119296 bytes)

10. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1243-LOC_OFRI_ EPA CPSP Grant.docx.pdf application/pdf (size 149820 bytes)

11. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-LOC_Burdick - CRA_EPA Collaborative Problem Solving Planning_Grant_docx.pdf application/pdf (size 73864 bytes)

12. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-LOC_EPA_Scienceworks[77].pdf application/pdf (size 222105 bytes)

13. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1245-

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15. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1247-LOC_COA_AFR_EPA_Grant.pdf application/pdf (size 54543 bytes)

16. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1248-SOFEE_FireBright chart_SOWREP.pdf application/pdf (size 282429 bytes)

17. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1234-epa_form_4700_4_2023_signed_SOFRC.pdf application/pdf (size 916914 bytes)

18. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1250-SOFRC_EPA Grant_EJCPS.pdf application/pdf (size 389198 bytes)

Wildfire Resilience Education for All

Fire and Cultural Edcuation

- Wildfire and smoke vulnerability assessment
- Identify education gaps and serve most vulnerable first while planning for *all*

- Community led education for cultural use of fire
- Students and teachers have access to learning materials and training
- Fire essential questions are standardized across SW Oregon
- Access is supported with yearly funding

Workforce Development

- Labor needs assessment for natural resources employers
- Subsidized positions – RWP programs

Career ladder middle school

- Paid internships - Internship placement with agencies and contractors.
- Youth Training Programs 16 to 24
- Pathways to Lomakatsi youth programs & Project Youth+
- Student leadership roles – community
- Student led organizations through CTE school programs

Community College – Concurrent Enrollment

High School Wildfire Curriculum for Career Pathways and Community Resiliency

- CTE components
- Field heavy curriculum
- Integration of field professional mentors
- Firewise related community resiliency components
- Leadership opportunities
- Pilot completed: 5 high schools in Southern Oregon
- 5 Teacher Trainings completed – 3 hands-on and 2 virtual – 1 regional and 4 statewide
- Over 175 student service hours logged for fuels reduction work in the Rogue Basin and community resiliency outreach.

Curriculum & Programs

- Place-based for classroom and outdoor school
- STEAM and Education Standards
- Open Source USFS FireWorks! Curriculum
- Serves vulnerable populations fire & smoke
- Community education for smoke & wildfire resilience
- Fire safety & prevention (State Fire Marshall)
- ScienceWorks, Children's Museum, library programs, etc.

SOFEE

SOUTHERN OREGON FIRE ECOLOGY EDUCATION

Shared Values

- Wildfire Ecology Education for *All*
- Social issues related to wildfire
- Indigenous Traditional Ecological Knowledge (ITEK)
- Trauma Informed Approach (TIA)
- Aligned to Oregon Department of Education standards
- Reach under-served populations
- Community and student led learning

FIREBRIGHT LEARN·WORK·LEAD

Collaborators/Partners

- AFR – lead
- BLM
- USFS
- SOESD
- Lomakatsi
- SOFRC
- OSU Ext.
- TNC
- ScienceWorks
- RV Fire Prevention
- SOLC
- Etc.

Funded by BLM and USFS

Goals – Works-in-Progress

- Full pilot of curriculum
- Regular teacher trainings
- Curriculum revisions
- Accessibility – 508 Compliance
- Post electronically and share
- Deliver trunks and plan checkout process
- Share with partners and train practitioners

Shared Goals and Vision

- DEI
- Expand ITEK components
- Link to RVIFP
- Formalize MOU for higher level of collaboration
- Plan for yearly teacher trainings
- Develop and fund sustainable fire education and training programs for students
- Fire essential questions and concepts in a learning continuum
- Community education and service projects

Goals

- Integrate FireBright into multiple high school CTE programs
  - Develop fire school component
- Develop paid internship positions/pathways
- Develop sustainable student-led community service projects and leadership roles

Partners

- ODF
- OSU Ext
- SOFRC
- OFRI
- KOG

In-kind contributing partners

- BLM
- USFS
- Private contractors
- Lomakatsi

Current funder - USDA

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1234-epa_form_4700_4_2023_signed_SOFRC.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

The Nature Conservancy
Protecting nature. Preserving life.™

14 April, 2023

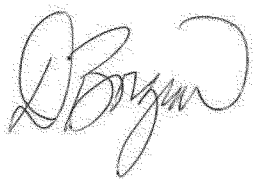
Dear EPA Decision-Makers,

I offer The Nature Conservancy's support of the Southern Oregon Forest Restoration Collaborative (SOFRC) grant proposal to the Environmental Protection Agency Region 10 to advance collaborative planning for wildfire resilience education for K-12 students, including those from underserved and vulnerable populations.

SOFRC's goal for the grant is that students in Southern Oregon understand fire ecology and community wildfire resilience so that they can choose to become stewards of a healthy forest and make informed decisions during a wildfire or smoke emergency. SOFRC is coordinating with regional education partners and land management organizations to collaborate on implementing two curricula: FireBright for youths oriented toward career paths, and the Southern Oregon Forest & Fire Ecology curriculum for general K-12 students. The combination of youth workforce training and generally more knowledgeable students in the Rogue Valley will facilitate informed community engagement and collaboration with to achieve the Fire-Adapted Communities pillar of the National Cohesive Wildfire Strategy*: Human populations and infrastructure can withstand a wildfire without loss of life and property.*

The Nature Conservancy, through its Fire Learning Network with federal funding under a cooperative agreement, *Promoting Ecosystem Resilience and Fire Adapted Communities Together* (PERFACT), has previously extended support to local partners in the earlier development of an indigenous lesson for fire ecology curriculum. In support of this grant, The Nature Conservancy commits to reviewing key parts of the refined curricula and potentially visiting classrooms or field trips to help students and their teachers gain exposure to real world collaborative restoration of resilient forests and restoration of beneficial fire that works for people and nature. Please feel free to contact me if you have any questions at dborgias@tnc.org.

Sincerely,



Darren Borgias

SW Oregon Forest Conservation Director

April 6, 2023

Dear EPA Decision-Makers –

I am writing in support of a grant by Southern Oregon Forest Restoration Collaborative (SOFRC) with Environmental Protection Agency Region 10(EPA) to advance collaborative planning for wildfire resilience education for all student populations and learners including underserved and vulnerable populations.

Over the course of this 22-23 school year my students have participated in the SOFRC, ODF and OSU Ext. led FireBright Career and Technical Education (CTE) program for wildfire education. Most of my students reside in underserved, fire-prone areas, such as Gold Hill and the wildland urban interface of Central Point, Oregon. Not only has the FireBright program provided my students with career mentoring and field work experience, it has also prepared them to be more adapted and prepared for wildfire and smoke. The Crater Renaissance Academy (CRA) Natural Resources CTE program is aligned with the FireBright program and components of the SOFEE curriculum. My students will benefit from an expansion of the FireBright career pathways and community resliency components. The coordination and support that SOFRC and partners provide are critical to providing wildfire education for my students.

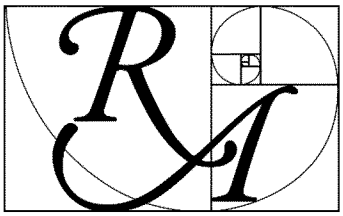
As a CTE natural resources educator, I share the FireBright and SOFEE goals to have students in Southern Oregon supported by fire ecology, wildfire resilience and forestry education and develop their knowledge, skills, and confidence so they can be stewards of a healthy forest and make good decisions during a wildfire or smoke emergency. My students are the potential leaders who will actively participate in future decisions that will shape the economic, social, and ecological outcomes from science-based management of Southern Oregon's forest ecosystems.

I currently have students who recently went through both home loss and evacuation during the Oregon 2020 Fire Storm where locally, the Almeda and South Obenchain Fires burned 2900 homes, as well as the Campfire in Paradise, CA. The FireBright trauma informed approach to wildfire education has helped those students to recover and build resiliency around those traumatic losses. It has empowered them to see themselves as agents of positive change for wildfire adapted communities.

Thank you for your consideration of the SOFRC environmental justice proposal. I am committed to continuing to work with SOFRC and partners to extend the education and career opportunities available through FireBright for my students.

Sincerely,

Caroline Burdick Rihan
Science Teacher
Crater Renaissance Academy
Caroline.burdick@district6.org



EJCPS Logic Model – Southern Oregon Wildfire Resilience Education for *All*

Resource Inputs	**Activities**	**Outputs**	**Audience**	**Short-term Outcomes** (6-12 months)	**Intermediate Outcomes** (12-24 months)	**Long-term Outcomes** (2 years)
• BLM and USFS staff time and resources • SOFRC coordination for education community • Oregon State University Extension Services fire program and outdoor education teacher training and resources • Oregon Natural Resources Education Program expertise in education models, planning and resources for teacher training • Lomakatsi participation in youth training and employment, student education, Indigenous Traditional Ecological Knowledge planning • City of Ashland staff time for smoke education and outreach • Oregon Department of Forestry assistance with FireBright youth training, consultation for Firewise projects and funding for implementation of education and outreach activities • Southwest Oregon Nature Conservancy reviews curriculum and fund education project that support outcomes Fire Adapted Communities Network	• FireWorks Train-the-Trainers Workshop held at the Medford Interagency Offices of the USFS and BLM • Wildfire education coordinator and Education Director are hired for student pilots, teacher trainings and programmatic work • ScienceWorks presents fire basic, fire prevention and fire safety education for rural students and underserved schools • Five science trunks with k-12th grade wildfire curriculum and support materials are shared in classrooms for Southern Oregon through a checkout process for use by classroom teachers, outdoor schools and non-formal educators • Lomakatsi Restoration Project leads Indigenous Traditional Ecological Knowledge (ITEK) student learning activities • Diversity, equity, and inclusion planning is organized through monthly meetings for shared values, outcomes, and goals with organizing partners	• School districts use the curriculum and check out trunk materials • K-12 Students demonstrate knowledge of fire prevention, fire safety, fire basics, fire ecology and fire use for landscape restoration. • High school students and youth are supported with coordination of non-formal and formal educator workshops • Trauma Informed curriculum that integrates the cultural use of fire, diversity equity and inclusion is published and shared broadly	• Formal educators in local schools • Local agencies and non-profits • K-12th grade students • Youth 18-24 • Local community members • Students who were evacuated and have experienced home loss from wildfire • Rural Student populations • Second-language learners • High school students in underserved communities	• Partners will lead class and field presentations for SOFEE and Fire Bright • Wildfire education website is updated for curriculum access and booking presentations and field activities • City of Ashland coordinates work for smoke adaptations and student curriculum • Education community provides input and advocacy for local wildfire and smoke planning and trauma-informed support of student learning	• Fire Bright students lead and develop fire-adapted communities' actions including Service-learning projects in local forests, Community outreach and education for events, Facilitate Firewise planning for schools • Career and Technical Education (CTE) teaching options for educators. • Non-formal educators at the BLM, USFS and ODF add SOFEE and Fire Bright curriculum into their yearly outreach and education programs • Rural youth receive career & technical education which supports their job readiness, fulfilling Oregon wildfire and forestry capacity needs	• Communities include wildfire resilience education for Community Wildfire Protection Plans • Sustainable funding is available for wildfire resilience education • Indigenous communities relate their stories, cultural use of fire and Traditional Ecological Knowledge(TEK), including indigenous burning practitioners. • Formal and non-formal educators attend yearly workshops for wildfire resilience education program for k-12th grade and 18-24 youth • Youth lead community education each spring for wildfire • Diversity, equity and inclusion planning and advocacy for including actionable outcomes are included for vulnerable populations in CWPP plans • Wildfire Resilience Education Programs (WREP) is regionally adapted and modified for students and youth across Oregon

ScienceWorks
HANDS-ON MUSEUM

April 10, 2023

Dear EPA Decision-Makers –

ScienceWorks Hands-on Museum is an interactive science museum located in Ashland, Oregon, serving visitors of all ages throughout Southern Oregon and Northern California. Founded in 2002 as a private response to a crisis in public science education, ScienceWorks is committed to inspiring wonder and stimulating creative exploration through fun interactive science. Since opening in 2002, ScienceWorks has served nearly one million visitors and 100,000 K-12 students throughout Southern Oregon and Northern California, with 2,000 member households across the region. We are a thriving non-profit organization committed to serving on a collaborative wildfire education planning committee so that we can help in developing a diversity, equity and inclusion plan that will help serve all students in the Rogue Valley.

ScienceWorks has been participating in curriculum development, teacher training and development of a comprehensive wildfire education program for the past three years with partners as part of Southern Oregon Fire Ecology Education. Recently, the Rogue Valley Fire Prevention Cooperative has teamed up with ScienceWorks to provide fire prevention and safety lessons for 350 students this year. We are laying the groundwork for yearly spring wildfire education opportunities and hands-on fire science.

As part of the EPA Grant ScienceWorks will:

- Provide support for diversity, equity and inclusion planning
- Teacher trainings and student pilot of lessons
- Hands on science activities for rural and underserved communities around Southern Oregon

We need collaborative wildfire education planning so that ScienceWorks can identify and reach students and youth in communities who need additional fire education resources and training. Our mission is to inspire curiosity and wonder through scientific exploration and interactive experiences and our vision is to be a launchpad for the next generation of creative thinkers and problem solvers. One of the greatest challenges our community faces is wildfire and, we want to help students be more adapted by facilitating the learning of fire basics, fire safety and prevention in a sustainably funded education program that is here for students in a changing climate with higher fire risk now, and for many decades.'

Sincerely,

Melissa Donner

Melissa Donner, Education Manager, ScienceWorks Hands-On Museum

Areas affected by Project:

Counties: Jackson, Josephine, Curry

Cities: Medford, Ashland, Grants, Pass, Cave Junction, Central Point, Talent, Phoenix, Trail, Shady Cove, Butte Falls, O'Brien, Ruch, Takelma, Merlin, Gold Beach, Brookings, Jacksonville, Murphy, New Hope,

State: Oregon

EPA The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program – Region 10

Budget Narrative SOFRC

	Description	Total
Personnel	Education Coordinator: This position will provide the oversite and coordination needed for the Southern Oregon Fire Ecology Education and Fire Bright activities and planning with local and regional partners. In addition, the specialist will coordinate the distribution of resources to underserved students and communities. Hiring an education coordinator will increase the capacity of SOFRC to complete outreach and education services for the community as part of the Rogue Forest Partners. • $55,000 yearly salary for 24 months = $110,000 Education Director: Currently, an education director coordinates and co-develops the Fire Bright Program. The education director will continue coordinating Fire Bright Teacher Education, expand FireBright career pathways, and assist with the SOFEE teacher training and field trips. • $25,000 yearly salary for 24 months = $50,000	$160,000
Fringe Benefits	• Education Coordinator: Benefits for PPO, Workers compensation, healthcare and retirement = 25% *Salary = $27,500 • Education Director: Benefits for healthcare and retirement = 25% *Salary = $12,500	$ 40,000
Travel	Travel Costs for School and Youth Field Trips All travel will be for student transportation from rural and underserved urban locations in the project area. The Education Specialist will provide small grants to local school districts for field trips to ScienceWorks, local wildfire sites, places where controlled burning was completed and for youth and training activities. • $300 per field activity of 30 students FireBright and SOFEE plan to have 30 field trips each year for a transportation cost of $9,000/year. • $.58/mile for Education Specialist and Education and Coordinator to participate in 30 field trips per year for a total of 172 miles per trip per person for a total cost of $11,971	$29,971

Supplies	Supply items will support educational field work, service-learning activities, and teacher training. Supplies Needs Fire Ecology/Tree Measurement Equipment = $1,000 Personal Safety Equipment for Service Learning = $5,000 Teachers Training = $1,000 Printed Materials = $3,000	$10,000
Contractual	ScienceWorks student education $200 for each student fieldtrip to the museum for live fire science demonstration and museum visit. Up to 60 students can attend for each 4-hour block. $200 *150 classes = $30,000 City of Ashland Coordination of SOFEE education and smoke preparedness curriculum. $50/hour for 500 hours = $25,000 Lomakatsi Restoration Project for coordination of Indigenous Traditional Ecological Knowledge student education and youth training $50/hour for 500 hours = $25,000	$80,000
Indirect Costs	De Minimis rate of 10% on all billings	$31,997
Total		$351,968

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1.0 PROGRAM OBJECTIVES

a. Project Summary

Southern Oregon Wildfire Resilience Education Program for *All*

Location: Southern Oregon Region including rural and urban communities in Jackson, Josephine, Klamath, Coos and Curry Counties

Contact Information: Terry Fairbanks@sofrc.org, Jennifer Payne, jpayne@sofrc.org, PO Box 1946, 525 Bigham Knoll Dr, Jacksonville, OR 97530

Applicant: Southern Oregon Forest Restoration Collaborative (SOFRC) engages with diverse constituencies on forest health and wildfire risk projects to support resilient landscapes, thriving communities and workforce development. As part of the mission for thriving communities, SOFRC is leading coordination of collaboratively developed k-12th grade wildfire education career and technical education (CTE) focused on underserved communities, Southern Oregon Wildfire Resilience Education (SOWREP). SOFRC supports local communities by developing opportunities for interns in natural resource technical careers. SOFRC provides a direct connection between the partner-supported wildfire CTE program and local workforce needs at land management agencies and private businesses.

Project Abstract: Collaboratively planned fire education for k-12th grade students and youth workforce training and development in Southern Oregon will facilitate greater coordination among organizing partners and achieve the mission set forth in the National Cohesive Wildfire Strategy for – *Fire-adapted communities: Human populations and infrastructure can withstand a wildfire without loss of life and property.* An extended network of formal and non-formal educators support students and youth to be fire-adapted citizens who: understand forest health, can prepare in advance of wildfire, make informed decisions through awareness and knowledge of forest and fire ecology, understand Indigenous Traditional Ecological Knowledge (ITEK), are familiar with fire science, fire behavior, and fire prevention. Coordination and implementation of wildfire education will provide a conduit for reaching student populations who are vulnerable to smoke and wildfire and facilitate a greater depth of diversity, equity and, inclusion for local wildfire planning and preparedness. Projects partners and the education community will facilitate actionable education outcomes and goals for student populations and youth for the Rogue Valley Integrated Fire Plan (RVIFP), as part of the Jackson County Community Response Plan for Smoke, Ashland Community Response Plan for Smoke (CRP), local community wildfire protection plans (CWPP)s and community forest planning. The target population for services are k-12th grade students in urban and rural communities and youth 18-24 who will have comprehensive wildfire resilience education that creates a pathway for careers in wildland fire and forestry. The geographic area ranks in the 86 percentiles for PM 2.5 particulate exposure when low-income, limited English speaking, less than high school education, unemployment, and low life expectancy populations are included for risk factors. The project area is in the extreme or high-risk categories for wildfire which requires more climate disaster planning and community wildfire resilience education for student and youth populations.

Two education programs will be integrated and supported with new funding for fire education in Southern Oregon.

1. Fire Bright - Wildfire Curriculum for Community Resiliency and Career Pathways was developed in 2020 to provide career & technical education (CTE) for 9th-12th grade students. The purpose of the project is to bolster existing Natural Resource Career Pathways and natural science programs in Oregon, and to develop and expand the curriculum to high schools in high fire-risk rural

communities. The Fire Bright program can provide capacity for implementation of landscape-scale forest restoration projects and wildfire response.

2. Southern Oregon Fire Ecology Education (SOFEE) is a network of regional formal and informal educators who are developing teacher training, student materials and k-12th grade curriculum for a comprehensive science-based fire education program. SOFEE is adapted from the USFS FireWorks curriculum to represent Southern Oregon ecology. SOFEE provides the foundation for students to understand wildfire preparedness, and safety in a wildfire or smoke emergency. It fosters lifelong participation in climate resilience by fostering their role in forest health and stewardship.

Coordination for Community Wildfire Resilience Education

EPA funding is needed to hire a *Wildfire Education Coordinator* who will organize fire education for k-12th grade students in Southern Oregon using existing networks and curriculum programs. Fire professionals and partner organizations will have a coordinator who can carry forward integrated fire education goals and liaison directly with the community and educators.

The SOFRC *Education Director* will expand the FireBright community leadership and career pathways components and support the education coordinator in teacher training and organizing grant deliverables and outcomes.

Partners participating in both FireBright and SOFEE have specific roles outlined for facilitating the near-term and long-term outcomes as part of a cohesive collaborative partnership, SOWREP.

Actionable Results for Student and Youth Education

With new EPA funding, the RVIFP and other regional community plans for smoke and wildfire will include FireBright and SOFEE education. Students, the community and organizing partners will use the FEMA RAPT planning, resilience mapping, the climate portal, the EPA Environmental Justice Screen (EJ Screen) and the Environmental Justice Collaborative Problem-Solving (EJCPS) model for planning and implementing the long-term and short-term outcomes and goals for reaching students and youth with wildfire resilience education and integration of vulnerable populations and mitigation actions for local Community Wildfire Protection Plans(CWPP). Local communities have received Community Wildfire Defense Grants (CWDG) for updating local CWPPs in communities. Organizing partners will work with local decision-makers, including the City of Ashland, to include wildfire resilience education for students and youth with actionable goals and outcomes. Data will be collected on vulnerable populations served.

Project Type: Education and Training

Special Considerations: Rural areas

Environmental Issue: Wildfire and Smoke

Project Partners for SOWREP: Federal agencies - U.S. Forest Service and Bureau of Land Management, local state agencies with Oregon State University Extension, Southwest District of the Oregon Department of Forestry, non-profit organizations Lomakatsi Restoration Project, The Nature Conservancy, Rogue Valley Workforce Partnership and state education organizations Oregon Natural Resources Education Program, Keep Oregon Green, Oregon Forest Resources Institute, local education organizations, Southern Oregon Educational Services District, Crater Renaissance High School, Medford School District, ScienceWorks and local government City of Ashland.

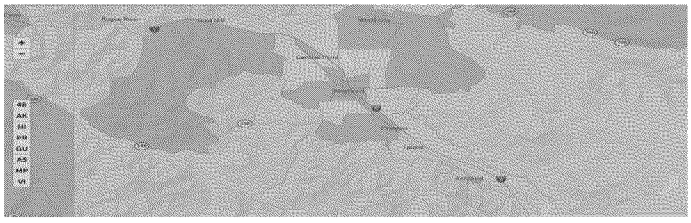
b. Environmental and Public Health of the Underserved Community

Demographics and Local Background:

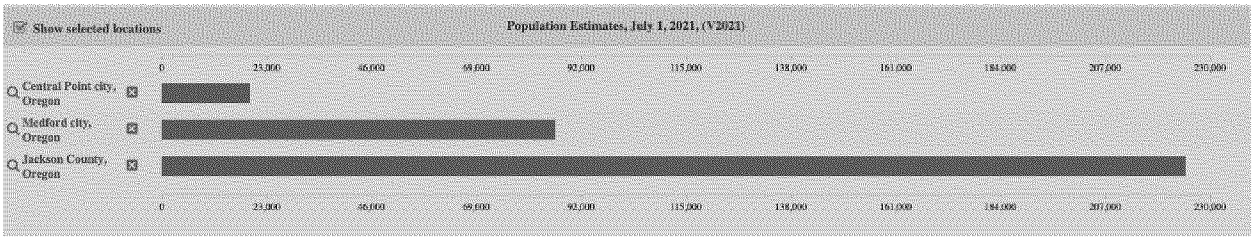
During the Almeda and South Obenchain Wildfires, 2900 structures were destroyed. Local students and youth were evacuated and experienced home loss. These environmental stressors have impacted community mental health. One Jackson County organization that represents seasonal workers estimated that the Almeda fire displaced at least 3,000 residents. The Phoenix-Talent School District had a staggering 40% of its students -- about 1,000 kids -- lose their homes in the Almeda Fire and many are now scattered across the region. Among the hardest hit by the Almeda Fire was the Latino community, at 14% of Jackson County. Some of the most affordable low-income housing was destroyed, displacing families who had lived in the close-knit housing communities for decades.

Geography of Southern Oregon and Key Sites:

The geography of Southern Oregon consists of a large central city, Medford, and smaller surrounding cities held within a basin of mountains. Southern Oregon has a dry desert like climate and severe wildfire risk. Many communities are considered disadvantaged in Southern Oregon based on a wide range of criteria from low income to high fire risk. For the scope of this proposal, we have focused on the communities surrounding the schools FireBright and SOFEE serve: Rogue River, Medford, Applegate, Central Point, Phoenix, and Gold Hill. The figure below shows disadvantaged areas highlighted in blue, and encompassing Gold Hill, Central Point, Medford, and Phoenix. Exceptions to the disadvantaged areas surrounding our schools on this map are Rogue River, and Applegate; however, we assert that these areas are underserved rural communities at risk of being impacted by wildfire. (Map produced using Climate and Economic Justice screening tool, version 1/22/22.)



The following data, from census.gov, shows the Census Population from July, 2021. Smaller areas with a limited population, like Gold Hill, Rogue River, Applegate, and Phoenix, did not show up on the census data. Medford showed up on the 2022 census data, thus the use of 2021's analysis. Of the data accessible on the census website, only Medford is not considered rural based on a population size of 86,000. Other areas served, such as Central Point have a population of 19,000 and are rural.



Additionally, Medford has the core services that many people require including big box stores, the best medical care, and businesses that are not locally available. According to rural.gov, an area is considered rural if there is limited access to economic development, professional services, financial resources and or historic lack of investment. Most of the communities surrounding SOWREP served schools are

located in rural Southern Oregon and have limitations that can be exacerbated by wildfire. For example, not having transportation is riskier when there is a necessary evacuation and homes are near surrounding forests. Even the closest areas, Central Point and Phoenix, which are 10-minute drive to Medford, require at least a half an hour bus ride to access Medford.

Wildfire Risk for the Population Served

The land mass across the five counties served is 14,375 square miles and each community ranges from the 80th to over 90th percentile for risk of significant loss from wildfire. Of the approximated population of 460,548, around 138,164 people are between the ages of 5 and 24 who will be the target audience of the Fire Bright and SOFEE wildfire resilience education.

Increased Risk from Wildfire Smoke

The national standard for annual $PM_{2.5}$ levels is **12.0µg/m^3**. When $PM_{2.5}$ levels are above 12, this means that air quality is more likely to affect your health. Each of the counties in the project area have PM 2.5 levels above the national ambient air quality standards due to the ongoing wildfire smoke emergency. Adult Oregonians suffer asthma rates of 10.6% whereas the rest of the nation is at 7%. Smoke education in the SOFEE curriculum can help provide health research translation and best practices for students, youth and educators. The City of Ashland through the Smokewise Ashland collaborative can provide smoke education resources for the wildfire resilience education.

Our Approach to Supporting our Community:

Two educator training courses have used the Trauma Informed toolkit for 40 teachers. Many more trainings are needed for serving students and youth. A measure of success will be the number of educators who have had trauma-informed training who can meet the social-emotional needs of students and youth directly impacted by wildfire. Students in the FireBright program learn the science of how the brain processes traumatic experiences which gives them the tools to understand their own reactions during an emergency, as well as prepares them for leadership roles around wildfire resiliency within their communities. The wildfire resilience education model will be one that will help communities recover after wildfire and be more prepared during wildfire. Students impacted by the Almeda Fire in Phoenix and Talent as well as students in Butte Falls who were impacted by the South Obenchain Fire are prioritized for student pilots of curriculum.

Long-term Resilience:

Southern Oregon Fire Ecology Education (SOFEE) has adapted and created a new fire ecology education curriculum and materials to guide vulnerable populations in the Wildland Urban Interface (WUI). The hope for SOFEE is to educate on how disturbance ecology through fire can be and has been a valuable tool for forest health and fire resiliency. In addition, the SOFEE project aims to use resources through partner narratives and education to empower the next generations on Firewise practices and how to identify defensible space in a variety of landscapes and home dwellings. There is a statewide need for fire ecology education integration on the district level. An effective way to educate landowners on disturbance ecology and fire mitigation is through the next generation of learners who are in active learning environments. SOFEE aligns with the National Cohesive Wildfire Strategy for – Fire-adapted communities: Human populations and infrastructure can withstand a wildfire without loss of life and property. The funding from the EPA region 10 grant would bolster the ongoing work of a collaborative effort of organizations, many of which have volunteered countless hours into seeing this

project through to completion through trainings, site education, and coordination. Education continues to prove to be an effective coping mechanism for families and people managing social, economic, and emotional trauma after fire, specifically the highly impacted and still trauma resonating Almeda fire in 2020 in Southern Oregon towns. The goal is to have a resource for students to learn about fire as a disturbance mechanism for landscape health to initiate pathways into fire careers and be prepared for wildfire emergencies and smoke effects during active burns and wildfire season. SOFEE's and FireBright's learning objectives will meet the education goals outlined in the Rogue Valley Integrated Fire Plan and the funding will broaden the partnerships reach to enable educational opportunities for every student in the Rogue Valley.

c. Organization's Historical Connection to Underserved Community

Under the USDA Landscape Scale Resiliency grant, SOFRC has collaborated with FireBright project partners over the past four years to build relationships with teachers and schools that serve rural, underserved, vulnerable communities. Working with students at Rogue River High School, Crater Renaissance Academy, Central Medford High School, and Phoenix High School, SOFRC has provided wildfire resiliency education and natural resources career training opportunities. SOFRC has co-coordinated student service work in students' communities for defensible space, and student-led community engagement for wildfire resiliency. With SOFRC support, FireBright students have performed thinning work at Elderberry Flats and Butte Falls Community Forest; defensible space work in Firewise communities of South Medford and Gold Hill; and wildfire resiliency community engagement/outreach in Medford, and for Central Point 8th grade and Ruch School 4th grade families.

FireBright students choose their target audience and outreach media for a final project, Protecting Your Community from Wildfire, and create outreach products with support from FireBright partners.

SOFRC connects FireBright students to natural resource paid training opportunities with Lomakatsi.

Demographics for schools served by FireBright project. Data provided by school districts served.

Schools served by FireBright project	% Minority Enrollment	% Free/Reduced Lunch Recipients	Statewide school ranking	Risk level for wildfire
Phoenix High School, Phoenix, Oregon	56%	56%	Ranks in top 20	80th to 90th % for risk for significant loss from wildfire. 40% of students lost homes in Almeda Fire, 2020
Crater Renaissance Academy – Serves students from rural Gold Hill and Central Point	30%	68.9%	156th	80th to 90th percentile for risk for significant loss from wildfire.
Central Medford High School – Alternative high school for Medford School District	36%	76.7%	233rd	80th to 90th % for risk for significant loss from wildfire. Student population impacted by Almeda Fire, 2020.
Rogue River High School – Serves rural Rogue River	18.7%	66%	172nd	80th to 90th % for risk for significant loss from wildfire.

The SOFEE curriculum has been piloted in Ruch Outdoor Community School:

Schools served by SOFEE project	% Minority Enrollment	% Free/Reduced Lunch Recipients	Statewide school ranking	Risk level for wildfire
Ruch Outdoor Community School, Applegate Valley, Medford School District	20.9%	63%	387th	80th to 90th % for risk for significant loss from wildfire.

d. EJCPS Model

Under this grant, SOWREP will work on CPS Elements 4 and 5. The partners have collaboratively worked through Elements 1 and 2 already, although the MOU described in Element 1 will be formalized and a Wildfire Resiliency Education for ALL committee will be formed under the SOFRC umbrella. The partners are now at the Collective Action stage of problem solving. Partners have also strategized for the future by planning and laying the groundwork for Elements 6 and 7.

CPS Element 1: Issue Identification, Community Vision, and Strategic Goal Setting

- SOWREP partners have identified the current risk of wildfire and smoke with community wildfire risk assessments, forest plans, social surveys and data and information collected from the Oregon DEQ for smoke planning
- A shared vision and memorandum of understanding is in process with partners. EJ funding will be utilized for an improved vision that includes DEI planning for populations at risk
- Strategic goals setting can be developed with more collaborative problem-solving and planning.

CPS Element 2: Community Capacity-Building and Leadership Development

- Community capacity-building for implementing forest stewardship projects and controlled burning have outpaced the investments made for coordination of education and resources for vulnerable populations
- All partners are providing leadership for wildfire resilience including student education
- Youth leadership will be integrated for implementation of the EJCPS grant

CPS Element 3: Consensus Building and Dispute Resolution – Partners are in Collective Action Phase

- Using more controlled burning/prescribed fire for addressing the threat of wildfire requires continual education and coordinated communication for community resolve and consensus
- A shared vision for safer communities using prescribed fire for improved forest health is supported by diverse groups and education will increase public support.
- Challenges remain for disputes around the equitable distribution of limited resources for vulnerable populations and communities at risk

CPS Element 4: Multi-Stakeholder Partnerships and Leveraging of Resources

- Increased funding resources for education will provide coordination for populations at risk

- Multi-stakeholder partnerships working on the forest landscape and in the communities are investing resources for student and youth education. Rogue Valley Fire Prevention Co-operative, Ashland Forest Resiliency, Southern Oregon Forest Restoration Collaborative, Rogue Forest Partners and Rogue Workforce Partnership, and many others.

CPS Element 5: Constructive Engagement by Relevant Stakeholders

- Increased engagement of underserved students and communities, educators and agencies is needed for improving Community Wildfire Protection Plans
- Building bridges from schools and student-led work into the community and the local natural resources work force is needed.

CPS Element 6: Sound Management and Implementation

- Each organization and partnership perform quality work for community wildfire and smoke risk reduction, however, greater coordination and resources are needed for vulnerable populations

CPS Element 7: Evaluation, Lessons Learned, and Replication of Best Practices

- An evaluation tool has been developed for the SOFEE curriculum but challenges remain in greater implementation due to a lack of funding
- Best practices and lessons learned will be included with project deliverables and wildfire resilience education models can be shared
- Some organizing partners meet with regional wildfire educators for best practices sharing
- Capacity challenges and funding are barriers
- The FireBright team in partnership with ONREP and OFRI has implemented multiple statewide teacher trainings to lay the groundwork for replication of the program statewide. SOFRC is building an interactive web page for FireBright and SOFEE where teachers can showcase student work, and share resources and lessons learned.

e. <u>Project Linkages</u>

Goals 1, 2, 4, 5 and 6 are supported with the SOWREP project for EPA's Strategic Plan.

Goal 1) Climate resilience and planning for populations at risk is part of the SOWREP project

Goal 2) SOWREP will advocate for education funding and resources for underserved community members and ensure education is included for youth in Community Wildfire Protection Plans

Goal 4) SOWREP will share smoke preparedness education and cleaner air best practices as part of student education

Goal 5) Education for fire ecology and forest stewardship supports management activities that improve watershed health, ensuring clean and safe water is available for all communities

Goal 6) SOWREP safeguards youth through preparation for before, during and after wildfire and helps reach EPA strategic goal Objective 6.3 for preparing and responding to environmental emergencies for vulnerable populations

f. **Partner and Collaborators**

The Southern Oregon Wildfire Resilience Education Program (SOWREP) has evolved from two collaborative wildfire resiliency education efforts working in tandem with some overlapping

partnerships. SOWREP diverse partner groups are coming together in a collective action to support their shared vision of collaboratively planned wildfire resiliency education and workforce training in support of the 1) National Cohesive Wildfire Strategy for – *Fire-adapted communities: Human populations and infrastructure can withstand a wildfire without loss of life and property;* 2) Rogue Valley Integrated Fire Plan (RVIFP); 3) Jackson County Community Response Plan for Smoke; 4) Ashland Community Response Plan for Smoke (CRP); 5) local community wildfire protection plans (CWPP)s; and 6) community forest planning.

Under this grant, SOFRC will lead SOWREP diverse partners to formalize their draft MOU, form a Wildfire Resiliency Education for ALL committee with student representation, and expand FireBright and SOFEE education and training program opportunities to vulnerable and rural southern Oregon student populations. This diverse group of collaborative partners represent formal and informal education, workforce development, forestry and wildland firefighting employment, federal and state government agencies, local government, and non-profit organizations.

Partners include:

Organizations with Subawards:

City of Ashland: Participating through the Ashland Forest Resiliency (AFR), City of Ashland assists in community outreach and education for citizens in and around Ashland on the controlled burn program and forest restoration activities in a 58,000-acre project across public and private lands. Through Fire-Adapted Ashland, Smokewise Ashland, AFR helps lead the area in education for fire-adaptation including smoke and health education, Firewise, fire safety, evacuation and *Ready, Set, Go!* Convening meetings for planning and initial funding. The Community Engagement Coordinator for Ashland Forest Resiliency has successfully managed several projects including on the ground education and outreach. Since the formation in 2010, 25 million dollars has been put to work for fire risk reduction through state, federal and local funding. Two programs for reaching vulnerable populations at risk of smoke and wildfire have been developed. Southern Oregon Fire Ecology Education (SOFEE) has been coordinated with local partners to reach students k-12th grade. A second program, Smokewise Ashland, has developed an Ashland Community Smoke Response Plan (CRP) that outlines who is most vulnerable to smoke and organizes resources to reach lower-income communities. COA is currently managing eight sites for air quality monitoring and smoke planning and will facilitate smoke preparedness education planning for the SOFEE project.

Lomakatsi Restoration Project (LRP): Lomakatsi Restoration Project is a non-profit grassroots organization that develops and implements forest and watershed restoration projects in Oregon and northern California. Since 1995, LRP has a proven record of success implementing restoration projects across thousands of acres of forests and miles of streams. In cooperation with a broad range of partners including federal and state land management agencies, The Nature Conservancy, land trusts, private landowners, watershed councils, city and county governments, and Native American tribes, LRP's work has set precedence on nationally recognized projects. LRP provides expertise and capacity in project development, planning, management, fine-scale ecological treatment design, monitoring, and implementation for ecosystem restoration projects and integrates restoration practice with science delivery, education and workforce training. LRP can advise for curriculum and deliver outdoor education. Lomakatsi has over 25 years of field education experience with students and has directly educated 2500 students. Youth and training programs are reaching underserved students who are

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indigenous and fire generation immigrants. Lomakatsi serves the community with the Tribal Partnerships Program which reaches indigenous youth with training and employment.

ScienceWorks: ScienceWorks Hands-on Museum is an interactive science museum located in Ashland, Oregon, serving visitors of all ages throughout Southern Oregon and Northern California. Founded in 2002, ScienceWorks is committed to inspiring wonder and stimulating creative exploration through fun interactive science. Since opening in 2002, ScienceWorks has served nearly one million visitors and 100,000 K-12 students throughout Southern Oregon and Northern California, with 2,000 member households across the region. Under SOWREP, they will deliver curriculum, provide field trips and teacher training. This spring, in partnership with Rogue Valley Fire Prevention Cooperative (RVFPC) and the City of Ashland, 12 student groups will receive fire prevention, fire safety and fire basic laboratory experience.

Additional Participating Partners:

Oregon Department of Forestry (ODF): State agency, ODF, serves the people of Oregon by protecting, managing, and promoting stewardship of Oregon's forests to enhance environmental, economic, and community sustainability. ODF is dedicated to diversity, equity and inclusion, and demonstrates commitment to collaborative relationships, and the engagement and cooperation of Oregonians. ODF has demonstrated a commitment to wildfire resiliency education in the schools through FireBright and the Smoky Bear Program. The FireBright lead for ODF, Herb Johnson, has coordinated field lab sites, co-taught lessons, provided tools, and supported community engagement events. ODF is committed to continuing to support the FireBright program and expand training through certification opportunities within participating schools.

Crater Renaissance Academy (CRA): The Central Point public high school, CRA, accredited High School Natural Resources Career and Technical Education (CTE) Oregon Department of Education Program of Study has adopted the FireBright curriculum and has served as one of the pilot schools for the project. The CRA CTE program has already established a student-led Future Natural Resources Leaders of America organization that is committed to leading student wildfire resiliency community focused efforts.

Oregon Natural Resources Education Program (ONREP): The OSU, Oregon Natural Resources Education Program (ONREP) has over 40 years of experience supporting formal and nonformal educators. ONREP professional development events as well as environmental education curriculum resources encourage educators to engage their students in nature-based learning both indoors and outside. ONREP is committed to supporting teacher professional development events using Fire Bright and SOFEE curricula to build student environmental literacy focused on wildfire awareness and knowledge, cultural use of fire, wildfire basics, prevention, ecology, effects, and behavior is integrated into all classrooms at every level throughout Oregon. ONREP can help facilitate delivering the WREP model to communities across Oregon.

Rogue Forest Partners: The Rogue Forest Partners are a group of four nonprofits and six public agencies working as one for the communities and forests of the Rogue Basin. The partnership plans, funds, and collaborates to implement forest restoration projects across both public and private lands in the Basin. RFP is restoring forests in collaboration with diverse communities to reduce wildfire risks, enhance wildlife habitat and create equitable, sustainable jobs. RFP is committed to supporting education for k-12th grade guided by sustaining a human connection to place for present and future

generations including the indigenous peoples who have been a part of the landscape since time immemorial and who remain a part of our community.

Southern Oregon Educational Service District (SOESD): SOESD supports SOFEE and Fire Bright programs by helping to organize teacher training, curriculum development and introduction of the programs for school districts. SOESD will manage the SOFEE website and help facilitate the trunk materials checkout for rural schools. Southern Oregon Education Service District (SOESD) provides schools with essential services across the largest ESD region in Oregon. They serve 3,500 teachers and 52,000 students in 13 school districts. SOESD provides a connection to the SOFEE program through the website and links educators through the PD Network for training opportunities.

Oregon State University Extension Service Outdoor School: Provide educator training, funding for outdoor school/fieldtrips and advise curriculum. Local education project and museum with a reach of 52,000 students in the service area. OSU Ext. hosted a wildfire curriculum training for teachers in spring of 2021 and plan to host more teacher trainings.

The Nature Conservancy (TNC): TNC partners with SOWREP to review curriculum and provide community education. Fire Adapted Communities Network (FACNet), a part of TNC, has funded development of an indigenous lesson to support Lomakatsi and other partners developing the wildfire curriculum. The Nature Conservancy, an international non-profit organization, whose mission is to preserve plants, animals and natural communities that represent the diversity of life on Earth by protecting the lands and waters they need to survive.

U.S. Department of Agriculture – U.S. Forest Service (FS): The Forest Service has coordinated past education projects using the FireWorks curriculum since 2000. USFS has worked with AFR for 10 years to implement landscape scale projects for forest restoration. In 2020, USFS hosted a train-the-trainer workshop at the Interagency offices in Medford, OR for 30 educators. The teacher training, presentations with students and technical assistance of USFS employees are available for planning and implementation of wildfire education. The mission of the FS is to sustain the health, diversity, and productivity of the Nation's forests and grasslands (*those lands under FS management jurisdiction*) to meet the needs of present and future generations. USFS will advise curriculum and present education in local schools.

U.S. Department of Interior – Bureau of Land Management (BLM): Several interns have dedicated hundreds of hours for developing the SOFEE curriculum and the species encyclopedia in the SOFEE curriculum. The BLM's mission is to sustain the health, diversity, and productivity of publicly owned lands (*those lands under BLM management jurisdiction*) for the use and enjoyment of present and future generations. BLM administers more public land – over 245 million surface acres – than any other Federal agency in the United States and most of this land is located in the 12 Western states, including Alaska.

SOWREP partners will fulfill the following roles:

Partner/Sector	Role/Activities	Resources	Invested Resources	Sustained Partnership
SOFRC – non-profit	Lead SOWREP Formalize MOU and form SOWREP committee. Chair quarterly meetings. Hire and supervise SOWREP coord. Expand FireBright career and training pathways. SOFEE teacher training and pilot. Link to RVIFP and CWPPs.	EPA funding Match funding: Rogue Basin Partnership workforce development project. Staff for project capacity. Build partnership with Rogue Workforce Partnership through Project Youth+ for paid student internship positions and incentives.	FireBright and SOFEE curricula and collaborative partnerships. Established relationships with schools, agencies, and non-profit groups	Link to RVIFP and CWPPs for sustainable funding to maintain leadership role.
City of Ashland – Sub awardee – Municipal govt.	SOFEE teacher training & pilot. Smoke education & outreach.	EPA subaward Staff time for smoke education & outreach.	SOFEE curriculum and Smokewise Ashland programming.	Link to RVIFP and CWPPs for sustainable funding to maintain leadership role
Lomakatsi – Sub awardee – non-profit	Youth training & employment. ITEK planning and lesson development.	EPA subaward Youth training program staff time for career pathway link for FireBright students.	Participation with FireBright career panels 2019 to 2023. ITEK SOFEE lessons development. Youth Ecological Training & Employment Program.	Link to RVIFP and CWPPs for sustainable funding to maintain role. Build partnership with Rogue Workforce Partnership for paid student internship positions and incentives.
ScienceWorks – Sub awardee – Informal education – non-profit	Informal education SOWREP – basic fire, fire prevention, fire safety education	EPA subaward Facility	Staff time	
ODF – State forestry agency	Wildfire firefighting certificated training in FireBright schools. Links to Firewise program for FireBright community service projects.	ODF funding for staff time.	Staff time for development and implementation of FireBright program.	Dedicated ODF funding source.

OSU Ext. - State higher education organization	Housing FireBright materials for teacher check-out. Guest instructors as needed. Replication of FireBright statewide via OSU Ext. network	OSU Ext. Staff time	Published FireBright curriculum. FireBright field lab sites. Staff time for curriculum development, pilot, video production.	OSU Ext. Network support
BLM – Federal agency	Informal education – SOFEE and ITEK lessons. Teacher training	Staff time	Funding for SOFEE materials and teacher trainings. Staff time for FireBright guest instruction and field lab sites.	Dedicated programming.
ONREP – OSU Ext. - State higher education org.	FireBright & SOFEE annual teacher training.	Staff time	Teacher training & Trauma Informed Approach toolkit. Fire essential questions/standards	Dedicated staff time
OFRI – State agency	FireBright & SOFEE annual teacher training	Staff time	Contributions to FireBright curriculum and teacher trainings.	Dedicated staff time
USFS – Federal agency	Facility for trainings. Curriculum review.	Facility & staff time for SOFEE train-the-trainer workshops.	Facility & staff time for FireWorks train-the-trainer workshops. Staff time for FireBright guest instruction and field lab sites.	Dedicated resources
Crater Renaissance Academy – Public high school	CTE program for FireBright expansion and student-led natural resources leadership organization.	Facility Existing program and teaching staff	Pilot of FireBright	Adoption of FireBright and SOFEE components. Established ODF certificate program. Paid internship positions established with Project Youth+
TNC – non-profit	Community education. ITEK lesson development. SOFEE & FireBright curricula review.	Outreach networks Staff time	SOFEE curriculum review. Contributions to ITEK lesson.	Dedicated staff time
SOESD – Regional education services district	Organize teacher training, curriculum development and introduction of school program for school districts.	Staff time Host and manage SOFEE website linked to SOFRC web page	FireWorks training 2020 for initiation of SOFEE. Staff time for curriculum development and online outreach.	Dedicated web hosting and staff time.
Medford School District – Ruch School, Central Medford High School	Curriculum adoption	Facility Existing program and teaching staff	Pilot of FireBright and SOFEE	Model FireBright and SOFEE schools linked to RVIFP

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2.0 Project Activities / Milestone Schedule

Southern Oregon Wildfire Resilience Education for *All*

Resource Inputs	Activities	Outputs	Audience	Short-term Outcomes (6-12 months)	Intermediate Outcomes (12-24 months)	Long-term Outcomes (2 years+)
• BLM and USFS staff time and resources • SOFRC coordination for education community • Oregon State University Extension Services fire program and outdoor education teacher training and resources • Oregon Natural Resources Education Program, OFRI, and SOESD expertise in education models, planning	• SOFEE Train-the-Trainers Workshop held at the Medford Interagency Offices of the USFS and BLM • Wildfire education coordinator and educator are hired for student pilots, teacher trainings and programmatic work • ScienceWorks presents fire basic, fire prevention and fire safety education for rural students and underserved schools • Five science trunks with k-12th grade wildfire curriculum and support materials are shared in classrooms for Southern Oregon	• School districts use the curriculum and check out trunk materials • K-12 Students are more familiar with fire prevention, fire safety, fire basics, fire ecology and fire use for landscape restoration. • High school students and youth are supported with	• Formal educa-tors in local schools • Local agencies and non-profits • K-12th grade students • Youth 18-24 • Local community members • Students who were evacuated and have experienced home loss from wildfire • Rural Student • Second-language learners	• Partners will lead class and field presentations for SOFEE and Fire Bright • Wildfire education website is updated for curriculum access and booking presentations and field activities • City of Ashland coordinates work for smoke adaptations and student curriculum • Education community provides input and advocacy for local wildfire and smoke planning and trauma-	• Fire Bright students lead and develop fire-adapted communities' actions including Service-learning projects in local forests, Community outreach and education for events, Facilitate Firewise planning for schools • Career and Technical Education (CTE) teaching options for educators. • Non-formal educators at the BLM, USFS and ODF add SOFEE and Fire Bright curriculum into their yearly outreach and education programs • Rural youth receive career & technical	• Communities include wildfire resilience education for Community Wildfire Protection Plans • Sustainable funding is available for wildfire resilience education • Indigenous communities relate their stories, cultural use of fire and Traditional Ecological Knowledge (TEK) • Formal and non-formal educators attend yearly workshops for wildfire resilience education program for k-12th grade and 18-24 youth • Youth lead community education each spring for wildfire • Diversity, equity and inclusion planning and advocacy for including actionable outcomes are included for vulnerable populations in CWPP plans

and resources for teacher training • Lomakatsi participation in youth training and employment, student education, Indigenous Traditional Ecological Knowledge planning • City of Ashland staff time for smoke education and outreach •	through a checkout process for use by classroom teachers, outdoor schools and non-formal educators • Lomakatsi Restoration Project leads Indigenous Traditional Ecological Knowledge (ITEK) student learning activities • Diversity, equity, and inclusion planning is organized through monthly meetings for shared values, outcomes, and goals with organizing partners	coordination of non-formal and formal educator workshops • Trauma Informed curriculum that integrates the cultural use of fire, diversity equity and inclusion is published and shared broadly	• High school students in lower-income communities	informed support or student learning	education which making them job ready and fulfilling Oregon wildfire and forestry capacity needs	• Wildfire Resilience Education Programs (WREP) is regionally adapted and modified for students and youth across Oregon

b. **Milestones and Measurements of Success**

Year One:

- Smoke health education and the best practices for reducing exposure will be shared and broadly communicated to populations at risk including youth who have developing lungs, educators and administration in local organizations serving youth
- Wildfire resilience education is provided to youth in student pilots at ScienceWorks and through partners in the classroom, for outdoor school and in the field
- Teachers and administrators across the five counties receive fire education presentations and training for SOFEE and Fire Bright with a trauma-informed approach
- Educators can access the materials
- Students participating in Fire Bright have education pathways and training opportunities that provide for certifications for career development, and paid internship opportunities funded through Rogue Workforce Partnership and Lomakatsi.

Year Two:

- Public education recommendations are integrated for a revision of RVIFP outlining a strategy to meet the needs of underrepresented communities
- Coordinated messages are developed for Be Ready, Be Set, Go! and wildfire preparedness and shared broadly through liaison with local schools
- A repository for fire education materials is developed and maintained for residents, teachers, students, and their families
- Carry forward fire prevention and education messages in local events at local celebrations with high school students participating in Fire Bright
- Fire Bright students will lead in development of Firewise planning and projects in their communities
- Organize and coordinate one yearly outreach event in May for community wildfire education that is open to all residents including lower-income and under-served community members
- SOWREP is shared broadly with regional partners

Diversity Equity and Inclusion Planning

A mission of collaboratively developing the Southern Oregon Wildfire Resilience Education Program (SOWREP) will be to include identified populations at risk. Detailed plans for education goals and sustained funding will be dedicated for education of underserved school age students (k-12th grade) and their families, and youth training and career and technical education for youth 18 to 24. Each year, Southern Oregon Educational Services District holds an equity conference for professional development and, local school districts are leading efforts for diversity, equity and inclusion. Partners will continue participating and coordinate quarterly meetings during the project implementation for planning projects for reaching underserved students and youth. In addition, FireBright has been adopted by Crater Renaissance High School, Natural Resources Career and Technical Education (CTE) Program which serves underserved and vulnerable student populations in wildland urban interface areas.As a critical part of the DEI planning, tribal history and traditional and ecological values of tribes are a priority in these curricula. “Good fire” and “cultural fire” will be taught with traditional tribal values intact.

Outputs	Outcomes	
Short-term	**Short-term**	**Long-term**
• SOWREP MOU is formalized, and committee formed by partners under SOFRC umbrella. • SOFEE Train-the-Trainers Workshop • ScienceWorks presents fire basic, fire prevention and fire safety education for rural students and underserved schools • Lomakatsi Restoration Project leads Indigenous Traditional Ecological Knowledge (ITEK) student learning • Partners coordinate work for smoke adaptations and student curriculum • Fire Bright students lead and develop fire-adapted communities' actions including: • Service-learning projects in local forests • Community outreach and education for events • Facilitate Firewise planning for schools • Provide input and advocacy for local wildfire and smoke planning • Formal and non-formal educators attend scheduled workshops for input on development of a regional wildfire resilience education program for k-12thgrade and 18-24 youth • Five science trunks with k-12th grade wildfire curriculum and support materials are shared in classrooms for Southern Oregon through a checkout process for use by classroom teachers, outdoor schools and non-formal educators. FireBright materials are available for check-out through OSU Ext. • Partners lead class and field presentations for SOFEE and Fire Bright	• Wildfire education coordinator is hired for student pilots, teacher trainings and programmatic work • Formal and non-formal educators are familiar with SOFEE, checkout trunks and present the materials in k-12th grade classrooms. • School districts use curriculum, and some develop site-specific lessons. • Diversity, equity, and inclusion planning is organized through monthly meetings for shared values, outcomes, and goals with partners • K-12 Students are more familiar withfire prevention, fire safety, fire basics, fireecology and fire use for landscape restoration, demonstrated through showcased student work. • Indigenous communities relate theirstories, cultural use of fire and Indigenous Traditional Ecological Knowledge (ITEK) • Wildfire education website is updated for curriculum access and presentations and field activities • High school students and youth are supported to plan community service projects.	· Graduate Assistantship created for SOU materials maintenance. • Career and Technical Education (CTE) teaching training for educators. • Youth receive career & technical education, making them job-ready and fulfilling Oregon wildfire and forestry capacity needs • Strategy developed for diversity, equity and inclusion planning and advocacy for including actionable outcomes for vulnerable populations in CWPP plans for Southern Oregon. • Non-formal educators at the BLM, USFS and ODF add SOFEE and Fire Bright curriculum into their yearly outreach and education programs • Data is collected on number of students served who have been impacted by fire. • Over 150 student service hours are logged in student-led community wildfire resiliency projects. • · Materials are replicated and regionally adapted and modified for both indoor and outdoor education in Wildfire Resilience Education Programs (WREP) across Oregon.

c. **Itemized Budget Sheet / Budget Narrative** – Submitted

3.0 **Environmental Results – Outputs, Outcomes, and Performance Measures**

Sustainability Plan and Community Vision

Wildfire education is a component of the current iteration of the Rogue Valley Integrated Fire Plan(RVIFP). SOWREP can meet RVIFP education and community engagement goals, and serve as a model to other communities statewide to link equitable wildfire resiliency education to community resiliency goals. Linking SOWREP to the RVIFP will lead to sustainable county level funding for Southern Oregon Wildfire Resiliency for ALL and will be replicated across the region.

Goal 1 Deliverable 9 (page 16, RVIFP)
9. educating residents on the importance of forest resiliency

Goal 2 Deliverables 1, 3, 4, 5 and 7

1. identifying community-scale actions to improve wildfire preparedness;
3. targeting broad interest groups and tailoring outreach based on risk;
4. ensuring a process for two-way communication between agencies and the community;
5. collaboration on Be Ready, Be Set, Go! evacuation education;
7. improving preparedness and resilience to survive and recover from wildfire.

Goal 2, Recommendations to Promote Fire-Adapted Communities (page 179, RVIFP)

- Create a central repository for education and outreach materials for the Rogue Valley.
- Create and maintain an updated calendar of public events in Rogue Valley.
- Identify opportunities for providing fire prevention education.
- Encourage and provide fire prevention messages at local community celebrations and events, including the ecological benefits of fire and the impacts.

4.0 Programmatic Capability

a. Organizational Experience and Infrastructure

SOFRC is engaged in large-scale restoration projects and coordinates the Rogue Forest Partners, a partnership of four nonprofits, four federal agencies and two state organizations including Oregon State University. Recent restoration projects include providing defensible space along 45 miles of rural highway that included the work of conservation corps from tribal nations and locally underserved communities. SOFRC has coordinated annually between two and five federally and state funded projects over the last five years. Terry Fairbanks, Executive Director, has 25 years of program management experience including managing up to $8 million dollars in programmatic budgets in federal land management organizations. SOFRC has participated in the proposed project activities for the past four years. Working with partners, SOFRC helped create, implement, monitor, and evaluate the FireBright curriculum. SOFRC has an executive director, program manager and education director totaling 2.5 FTE who will guide and shape this project.

b. Staff Experience / Qualifications of Project Manager (PM)

Over the past decade, Jennifer Payne has coordinated federal grant programs (EPA clean water grant for the City of Chico and USDA LSR grant, FireBright for SOFRC) and met project deliverables in partnership with diverse organizations. As a credentialed teacher, Jennifer has served as liaison between public schools, government agencies, non-profit, private contractors. Jennifer has organized student-led community engagement events. She is currently working on a workforce development project with the Rogue Basin Partnership to develop paid internship opportunities for youth to expand FireBright.

Under the FireBright project, Jennifer has established strong working relationships with teachers, schools, workforce development professionals, and project partners across the region, and helped to lay the groundwork for the next phase of wildfire resiliency education and training that will leverage the resources that have been invested by project partners and link collective education efforts to the Rogue Valley Integrated Fire Plan.

Jennifer Payne has worked on the following FireBright and SOFEE activities:

- Served as a main point of contact for public school teachers for coordination and implementation of the FireBright project and chaired LSR team meetings.
- Served as liaison between schools and non-profit groups offering paid natural resources training opportunities for students and supervised student-led events.
- Co-developed FireBright curriculum and co-taught lessons for high school students
- Collaboratively organized and delivered statewide FireBright teacher trainings for natural resource educators in partnership with OSU Ext., OFRI and ONREP.
- Produced progress reports and evaluation tools for FireBright project.
- Interfaced with Rogue Workforce Partnership to link FireBright high school CTE education to workforce development efforts.
- Served as SOFRC representative for SOFEE association, including assist with teacher training, outdoor education instruction, materials organization, and curriculum edits.

c. Expenditure of Awarded Grant Funds

SOFRC has adequate financial controls in place to successfully complete this grant. SOFRC has successfully completed or is in good standing with all the grants listed in the current or past performance section. SOFRC has completed EPA Form 6600-09.

5.0 Past Performance

SOFRC list of grants and agreements successfully implemented over the last three years:

1: 2019-2023: Landscape Scale Restoration Natural Resource Career Pathways from State and Private Forestry: Total Grant $$300,000; SOFRC share $87,000. Wrapping up a successful FireBright curriculum piloted in five high schools and ready to be shared throughout Oregon.

2. 2019-2025: Oregon Watershed Enhancement Board (OWEB) Focused Investment Partnership: Rogue Forest Restoration Initiative: $6 million dollars over six years in six project locations. SOFRC share $336,400. SOFRC serves as coordinator of a 10-partner group. SOFRC and partners have exceeded all project deliverables and recently won high praise from the OWEB board.

3. 2022-2023: Oregon Department of Forestry Prescription for Safety $277,482 implementing defensible space along 45 miles of high-risk evacuation routes employing nonprofit, conservation corps and intertribal crews. This project is 90% complete with two months in advance of due date.

4. 2019-2021: OWEB Collaborative Capacity Grant: $34,760; Successfully concluded, meeting all deliverables.

5. 2021-2023: OWEB Collaborative Capacity Grant: $66,033: On track to conclude in June 2003.

6: 2022-2024: USDI Bureau of Land Management Cooperative Agreement: $96,260. Collaborative development and implementation of fire risk reduction partner activities. Successful fulfillment.

7. 2022-2025: Rogue Basin Collaborative Forest Landscape Restoration Challenge Cost Share Agreement: $472,072. Master Challenge Cost Share with Rogue Siskiyou National Forest for range of activities from education and workforce development to monitoring, engagement, project management and feasibility studies.

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. N/A	66.306	$	$	$ 351,968.00	$ 73,000.00	$ 424,968.00
2.						
3.						
4.						
5. Totals		$	$	$ 351,968.00	$ 73,000.00	$ 424,968.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1)	(2)	(3)	(4)	Total (5)
	N/A				
a. Personnel	$ 160,000.00	$	$	$	$ 160,000.00
b. Fringe Benefits	40,000.00				40,000.00
c. Travel	29,971.00				29,971.00
d. Equipment					
e. Supplies	10,000.00				10,000.00
f. Contractual	80,000.00				80,000.00
g. Construction					
h. Other					
i. Total Direct Charges (sum of 6a-6h)	319,971.00				$ 319,971.00
j. Indirect Charges	31,997.00				$ 31,997.00
k. TOTALS (sum of 6i and 6j)	$ 351,968.00	$	$	$	$ 351,968.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. N/A	$ 5,000.00	$ 40,000.00	$ 28,000.00	$ 73,000.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$ 5,000.00	$ 40,000.00	$ 28,000.00	$ 73,000.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 175,984.00	$ 43,996.00	$ 43,996.00	$ 43,996.00	$ 43,996.00
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 175,984.00	$ 43,996.00	$ 43,996.00	$ 43,996.00	$ 43,996.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. N/A	$ 175,984.00	$	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 175,984.00	$	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: 351968

22. Indirect Charges: 31997

23. Remarks:

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NIMS4MIM LOGIC MODEL

RESOURCES / INPUTS

Staff time | In-kind Contributions | Partnering Organizations | Volunteers | Equipment | Community Feedback | Cooperative Agreement Funding

ACTIVITIES

8 workshops:

1. Kickoff meeting
2. Baseline data coordination
3. Baseline data coordination
4. Share baseline findings
5. NIMS development
6. NIMS development
7. Extended Tabletop Feedback
8. Feedback on applying NIMS4MIM

4 Training Events:

1. NEPA
2. EIS
3. NIMS
4. GIS

6 Community Forums:

1. Introduce NIMS4MIM project
2. Share baseline results
3. Share NIMS4MIM plan
4. Activity 2 feedback
5. Activity 3 feedback

3 Hands-on Activities:

1. Baseline data collection
2. Extended tabletop activity
3. Applying NIMS4MIM to active NEPA proposal

OUTPUTS

- Develop materials and agendas for workshops
- Deliver 8 workshops for 10 Tribal agency employees and 6 partners
- Develop materials for 4 training events
- Train 10 Tribal agency staff during 4 training events
- Engage 10 students in baseline data collection activities
- Engage 20 community members in community forums

AUDIENCE

DVIR Tribal Government Staff; DVIR Community; other Upper Snake River Tribal members

SHORT-TERM (knowledge) OUTCOMES (6-12 MONTHS): Develop a holistic understanding of baseline conditions and increase capacity to assess potential impacts to those conditions.

- Develop baseline TEK database, including traditional medicines, wildlife and habitat management practices, etc..
- Develop baseline database documenting existing environmental, ecological, cultural status on DVIR.
- Increase understanding of baseline environmental/ecological/cultural status.
- Increase DVIR GIS knowledge and application to existing management practices.
- Increase OCS students' knowledge in collection of baseline environmental, ecological, and TEK data.
- Increase in knowledge about local and regional environmental challenges.
- Increase competency with NEPA process, EIS review, EA, HIA, and NIMS framework.

INTERMEDIATE (behavior) OUTCOMES (12-24 MONTHS): Improve engagement in NEPA, including collaborative decision making.

- Increase community involvement collecting holistic environmental, ecological, and cultural data.
- Increase in application of baseline data collection and management skills, GIS skills, and EIS, EA, HIA, and EA during government-to-government consultation.

LONG-TERM (condition) OUTCOMES (>2 YEARS): Protect Tribal environmental, wildlife, and cultural resources for generations to come.

- Develop an efficient process for DVIR, an underserved community, to mobilize limited resources to provide meaningful response to government-to-government consultations related to proposed mines.
- Increase Tribe's capacity to provide meaningful response to government-to-government consultations on proposed mines.
- Deploy holistic, collaborative, efficient approach to responding to mining proposals on/near DVIR.
- Engage other USRT members Tribes to develop their own version of NIMS4MIM.
- Increase community participation in developing collaborative process for responding to proposed mining operations in region.
- Increase communication and collaboration between project partners and community.

Final Progress Report Template – EJ Grants

Grantee Name TerraGraphics International Foundation
EPA Grant # _EQ - 02J03501 - 0_

Project Title __One Habitat___ Project Officer _Emily Bitalac____

Project Period Length: **One Year X** **Two Years** □

Total Funds expended: **$**__$75,000_____ **Date Report submitted: ___1/17/2023__**

Instructions: This form is for EJ Grant recipients to report their final outputs, outcomes, and results of their EJ grant project. Recipients should send this report to their assigned EPA Project Officer. Final Reports are due 90 days after the listed end date on your EPA award documentation. ***However, recipients are encouraged to submit final reports as early as possible to expedite the closeout process.*** *Please answer all questions below as thoroughly as possible.*

1) Project Summary
What are the objectives of your project? What is your project trying to accomplish? (i.e. what are the health/environmental issues, what are the demographic issues, how will your project address those issues and impact the affected community).

The Shoshone-Paiute Tribe of the Duck Valley Indian Reservation (DVIR) faces disproportionate environmental burdens related to mining and fisheries collapse, and challenges in building capacity to tackle these issues due to underrepresentation of Native American students in Science, Technology, Engineering, and Math (STEM) fields, including environmental sciences.

The DVIR has been directly impacted by historic mining. Exploration companies are actively exploring areas near the reservation. Adverse effects due to the Rio Tinto copper mine are observed on the East Fork of the Owyhee River (EFOR), reservoirs, and irrigated agricultural lands. The DVIR ranks in the 85th percentile for proximity to Superfund sites in ID/NV, in the 60th percentile for proximity to hazardous waste sites nationally, and in the 69th percentile for cancer rates nationally. Adverse effects are observed in the EFOR, reservoirs, and irrigated agricultural lands.

Additionally, Native Americans are overwhelmingly underrepresented in scientific fields. There is a high rate of academic failure among Native American students. Native American professors are underrepresented in STEM, and Native students make up less than one percent of those earning advanced degrees in science and engineering, due in part to the fact that less than 50% have access to STEM-related math and science classes in high school. This disparity results in few Tribal members with education and training to tackle the environmental challenges faced by communities like the DVIR.

Our One Habitat project aims to:

- *Increase DVIR students' environmental science competency.*
- *Increase the number of students pursuing environmental science/STEM higher education and jobs.*
- *Improve the riparian ecosystem on the DVIR.*

This is a collaboration between TerraGraphics International Foundation (TIFO), Owyhee Combined School (OCS), the Sho-Pai Tribal Environmental Protection Program (TEPP), and the North American Native Research and Education Fund (NANREF).

2) Project Progress

Final Progress Report Template – EJ Grants

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EPA Grant # _EQ - 02J03501 - 0_

Project Title __One Habitat___ Project Officer _Emily Bitalac____

Project Period Length: **One Year X** **Two Years** □

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Did you complete all proposed EPA-funded activities of your project? Were all desired results achieved? If not, what project activities and desired results still remain?

We have completed all proposed grant-funded activities and achieved our desired results.

3) Project Accomplishments by Task/Evaluation Measures/Results (Table format is encouraged. Feel free to attach your reporting table/logic model as a separate page if the sample table below does not provide enough space)

Provide updates for each task/activity under your project workplan. **What accomplishments have been achieved since the start of the project?** (e.g. Milestones reached, Activities completed Outputs/Outcomes). Include numbers (e.g. trained 20 residents on healthy homes; distributed 50 radon education booklets at health fair, etc.). See sample reporting logic model below to get started:

Workplan Task / Project Activity	**Inputs** (what is invested)	**Outputs** (what is produced)	**Outcomes** (the results or effects)	**Completed?** Yes / No / in-process
Owyhee School and Elko County Science Fairs	Staff and student time; poster printing	15 students participated	1 first place winner 2 second place winners Strong engagement by students	Yes
Mining and Climate Change Workshop	3 project staff to develop lesson plan and implement workshop	1 educational workshop 16 participants (13 students and 3 teachers)	Enhanced attendees' knowledge of mineral intensity of low carbon tech. and how it relates to local issues on DVIR and surrounding areas.	Yes
Trip to Fort McDermitt and Thacker Pass	9 project staff 1 bus driver 6 volunteers/ external staff; 2 days including Preparation & travel time; student discussions/jour-naling by students	3 educational meetings (California Trail Interpretive Center, Lithium Nevada Inc., Fort McDermitt Tribe at Thacker Pass (proposed mine site) 19 student participants	Developed students' understanding of the proposed Thacker Pass lithium mine within the historical context of Native Lands; students hear different viewpoints on mining development and journaled about their opinions and experiences	Yes
Student presentations to Tribal Council	2 project staff at the event, plus 4 additional staff to help students prepare presentation	6 students and two project staff, plus 4 Tribal Council members	Tribal Council gave students support and feedback on the One Habitat program; members were educated about importance of holistic approach to riparian ecosystem management	Yes

Final Progress Report Template – EJ Grants

Grantee Name TerraGraphics International Foundation
EPA Grant # _EQ - 02J03501 - 0_

Project Title __One Habitat___ Project Officer _Emily Bitalac____

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Fire and Riparian Restoration Workshop	2 project staff at the event, plus 1 additional staff to help with lesson plan	1 educational workshop 20 plants planted 8 student attendees 1 OCS teacher and 1 greenhouse manager	Enhanced students' knowledge of fire's relationship with landscape.	Yes
Beaver Workshop and Trapping	6 project staff	4 days of experiential field activities, including beaver trapping and medicinal plant collection/harvesting; 18 student participants	Enhanced students' knowledge of riparian systems on the reservation; explored traditional plant collection techniques, respectful of the ecosystem and others who need to use the plants; discussed collection of plants in areas not impacted by mining	Yes
Return of the Boise Valley People conference				Canceled
Water and soil sampling		4 days of real-time water quality and soil testing, and water and soil sample collection; 18 student participants	Built skills in collecting samples and interpreting data; looked at differences between upstream riparian areas and irrigation canals; visited Rio Tinto Superfund site and used XRF to analyze soils	Yes
American Indian Science and Engineering Society (AISES) National Conference	7 project staff	6 students attended 4 days of scientific events at the national conference; students presented 3 posters and attended career fair	Second place prize for middle-school presenters; built students' confidence in participating in STEM research and presentation of results; exposed students to other indigenous scientists and their research; encouraged students to consider higher ed and careers in STEM	Yes

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Lower Granite Dam / UI / Hatchery field trip and Salmon Workshop	5 project staff	4-day field trip to learn about regional riparian ecosystem challenges and successes in the Greater Snake River Basin; also learned about proposed mine in the basin, as suggested by the Tribal Council during spring kick-off meeting; spent one day at UI and toured campus with Native American Student Center staff; 13 students	Students observed workings of major hydropower dam and efforts to support fish migration at the dam; students learned about efforts by the Nez Perce Tribe to restore salmon and lamprey populations, in collaboration with the Lower Snake River Dams Students learned about opportunities to earn higher education and support systems available to indigenous students; Students learned about the Stibnite mine from those opposed to the mine as well as from the mining company	Yes
Tribal Council student presentations	5 project staff	40 community members (students, their families, and Tribal Council members) attended our closing celebration to hear about accomplishments and to hear from students	Community learned about activities students had participated in and asked students questions about their learning; students presented on their activities; Tribal Council was present to see how their feedback had been incorporated into the programming	Yes

4) New Partnerships (partnerships **not** disclosed in your original grant application)

Have you developed any new partnerships related to your project during the reporting period? If so, please describe these partnerships (organization name, project activities/resources the partner is responsible for, vision for partnership going forward).

- *The group met with representatives from the Fort McDermitt Tribe at Thacker Pass/Rotten Moon (Myron, Josephine); some students used this for the topic of their research projects presented at AISES.*
- *Tribal Council suggested students learn about the Midas/Perpetua Stibnite mine; students and teachers met with Idaho Conservation League, Save the South Fork, and Perpetua Resources.*
- *Two students connected with a Program Manager at Northern Arizona University at the AISES conference and are now doing an internship in Air Quality in Tribal Communities on their reservation.*

Final Progress Report Template – EJ Grants

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EPA Grant # _EQ - 02J03501 - 0_

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- *We met (virtually) with Kessler Keener Foundation to get our One Habitat lesson plans included in their efforts to connect Idaho educators to Native-centered lesson planning (*[HYPERLINK "https://www.kesslerkeenerfoundation.org/native-voices-educators"]*).*
- *We were connected with representatives at the US Army Corps of Engineers about getting One Habitat students involved in the Owyhee River Ecology Restoration project.*
- *TIFO is actively discussing future collaboration opportunities with the Sho-Pai Tribe.*

5) Personnel Changes / Staff Turnover

No.

6) Workplan Changes

Do you need to make a change to the workplan and why? (EPA Project Officer approval is required)

Our workplan changes did not result in a ≥20% change to our budget. We've made small scheduling changes and shifted some funds due to change of dates in Return of Boise Valley People.

7) Fiscal Information

Have all funds been drawn down and spent? Please fill out table below.

Initial grant amount	$75000.00
Funds drawn down	$75000.00
Funds remaining	$0.00

8) Challenges / Difficulties

Any problems or difficulties encountered during the reporting period? How have they been addressed and/or resolved?

The greatest challenges were adjusting to scheduling changes due to COVID19 early in our project. We altered our schedules, and canceled some in-person trips and moved to more virtual meetings. We've also had to manage the busy schedules of students and teachers! We hadn't fully realized how full the school year can be with activities and a few of the students were unable to participate because of sporting events or other commitments. The COVID19 pandemic also impacted the number of students participating in planned activities.

The remote nature of the DVIR also challenged project implementation. This was not a surprise, but it was a continual challenge to logistics and travel..

9) Project Sustainability

Final Progress Report Template – EJ Grants

Grantee Name TerraGraphics International Foundation
EPA Grant # _EQ - 02J03501 - 0_

Project Title __One Habitat___ Project Officer _Emily Bitalac____

Project Period Length: **One Year X** **Two Years** ☐

Total Funds expended: **$**__$75,000_____ **Date Report submitted: ___1/17/2023__**

Instructions: This form is for EJ Grant recipients to report their final outputs, outcomes, and results of their EJ grant project. Recipients should send this report to their assigned EPA Project Officer. Final Reports are due 90 days after the listed end date on your EPA award documentation. ***However, recipients are encouraged to submit final reports as early as possible to expedite the closeout process.*** *Please answer all questions below as thoroughly as possible.*

What steps have you and the community taken to ensure that the progress from your project continues and the results of your project are utilized to achieve the community's vision for an environmentally healthy community?

What are the next steps for your project and/or organization to continue addressing the needs of the community now that the project period is over?

We've shared the classroom workshops lesson plans with OCS. We've also engaged a wide audience on the DVIR. The summer soil and water sampling and beaver trapping included families of students from the community, making it a multi-generational learning event. The Tribal Council is engaged in the project, and the One Habitat group participated in the Tribe's Arbor Day event, as well as the School and District Science Fairs.

TIFO is communicating with members of the Tribal Council and other Tribal Agencies about pursuing other grants, including EPA opportunities.

10) Project Photos

Please submit pictures capturing images of key project activities and highlights with your progress report. Feel free to attach the photos on separate pages or in separate emails to your EPA Project Officer. **Please submit the hi-resolution version of the photos**, as the hi-res photos can be uploaded easily by EPA staff into our online EJ Grantee Spotlights and Story-maps.

Photo essay of activities attached.

NIMS4MIM Workplan Acronym List and References

Acronym List

BLM	Bureau of Land Management
DVIR	Duck Valley Indian Reservation
EA	Environmental Assessment
EFOR	East Fork Owyhee River
EIS	Environmental Impact Statement
EJCPS	Environmental Justice Collaborative Problem Solving
EJSG	Environmental Justice Small Grants
EJSREEN	Environmental Justice Screening Tool
EPA	Environmental Protection Agency
F&G	Fish and Game
FS	Forest Service
GIS	Geographical Information Systems
HIA	Health Impact Assessment
ICL	Idaho Conservation League
IDEQ	Idaho Department of Environmental Quality
NANREF	North American Native Research and Education Foundation
NEPA	National Environmental Protection Act
NIMS	National Incident Management System
NIMS4MIM	National Incident Management System for Meaningful Input on Mining
MTDC	Modified Total Direct Costs
OCS	Owyhee Combined School
QAPP	Quality Assurance Project Plan
Sho-Pai	Shoshone-Paiute (Tribe)
STEM	Science Technology Engineering and Math
TEK	Traditional Ecological Knowledge
TEPP	Tribal Environmental Protection Program
TIFO	TerraGraphics International Foundation (TIFO)
USRT	Upper Snake River Tribes

References

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[1] U.S. Attorney's Office: District of Idaho 2021. https://www.justice.gov/usao-id/tribal-lands

[2] U.S. Census Bureau; 2015 Population Estimate.

[3] Shoshone-Paiute Tribes Tribal Enrollment Office.

[4] Nevada Department of Education, www.nevadareportcard.com.

[5] EPA 2023. EJSCREEN: EPA's Environmental Justice Screening and Mapping Tool. Version 2.1. https://ejscreen.epa.gov/mapper/.

[6] Hoover et al. 2012. Indigenous Peoples of North America: Environmental Exposures and Reproductive Justice. https://ehp.niehs.nih.gov/doi/full/10.1289/ehp.1205422.

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[25] BLM 2023. National NEPA Register. https://eplanning.blm.gov/eplanning-ui/home.

[26] USRT 2018. Hells Canyon Complex Fisheries Resource Management Plan. https://uppersnakerivertribes.org/projects/hells-canyon-complex-fisheries-resource-management-plan/.

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Applicant Congressional District: ID-001

(Moscow, Idaho)

Program Congressional Districts: ID-001, NV-002

(Duck Valley Indian Reservation, Idaho and Nevada)

Manifest for Grant Application # GRANT13838746

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 29754 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16150 bytes)

2. Form SF424A-V1.0.pdf (size 23326 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40275 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15931 bytes)

5. Form SF424_4_0-V4.0.pdf (size 24003 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37278 bytes)

Attachments Included in Zip File (total 12):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1242-2022 One Habitat EJSG Final Report.docx application/vnd.openxmlformats-officedocument.wordprocessingml.document (size 46540 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1243-2022 EJSG One Habitat Photo Essay report highlights.pdf application/pdf (size 2990345 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-Logic Model_FINAL_NIMS4MIM.pdf application/pdf (size 108090 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-NIMS4MIM Key Personnel Resumes.pdf application/pdf (size 1103996 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-TIFO 501c3 IRS determination letter.pdf application/pdf (size 664299 bytes)

6. SF424_4_0 SF424_4_0-1245-Congressional Districts for DVIR.txt text/plain (size 161 bytes)

7. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-Work Plan for EJCPS_FINAL.pdf application/pdf (size 371924 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-Acronym List and References.pdf application/pdf (size 235129 bytes)

9. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-2022 One Habitat EJSG sf425_TIFO_EPA_closeout.pdf application/pdf (size 209134 bytes)

10. SF424_4_0 SF424_4_0-1244-DVIR map.pdf application/pdf (size 870831 bytes)

11. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-NIMS4MIM letters of support from partners.pdf application/pdf (size 2112361 bytes)

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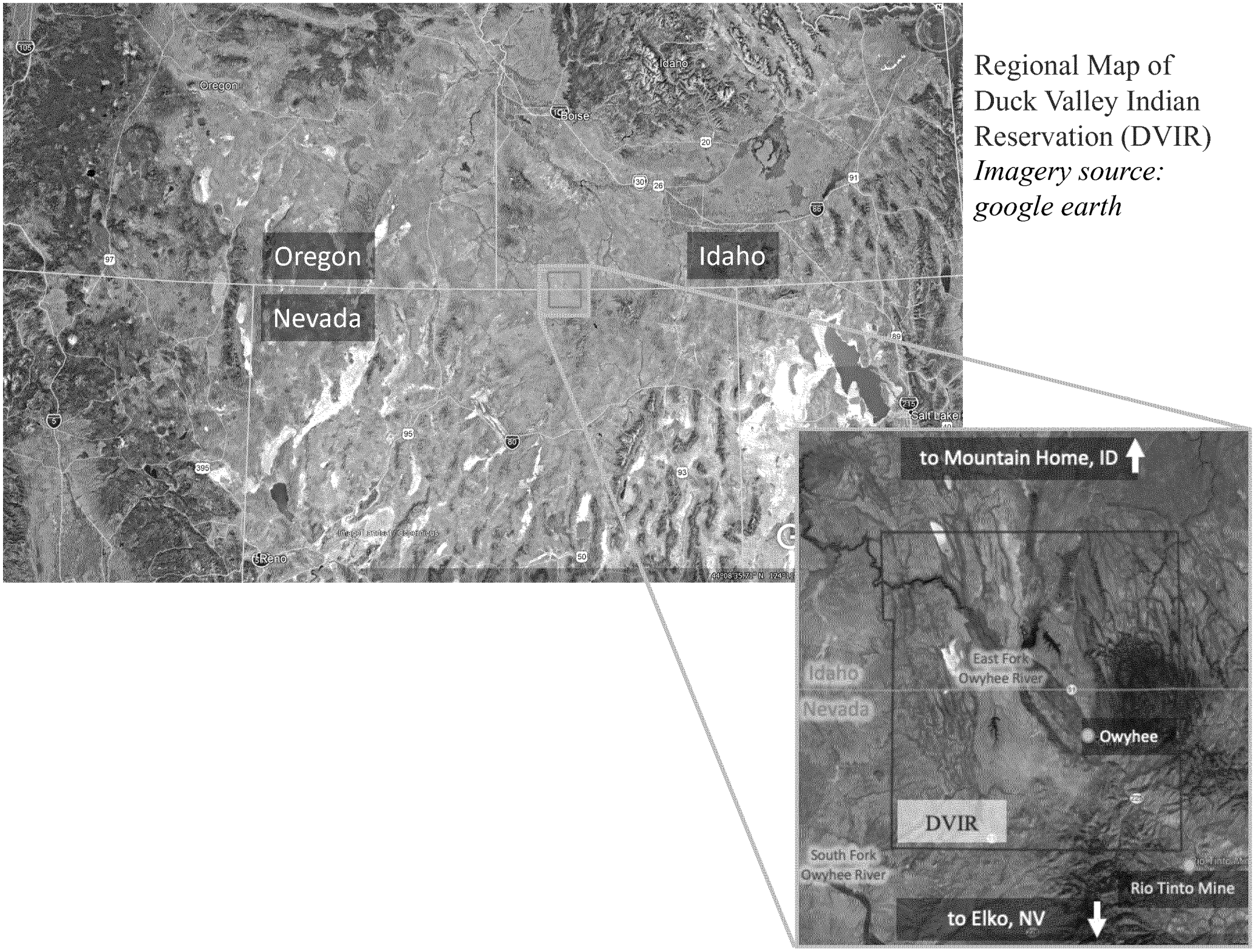


Regional Map of Duck Valley Indian Reservation (DVIR)
Imagery source: google earth

One Habitat Photo Essay Highlights

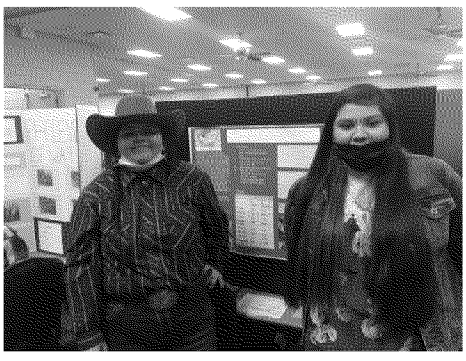
Full photo essay report completed for EPA EJSG grant closeout available upon request

Science Fairs





Photos of testing the soil samples shown on students' zoom screen (left), of the samples in Moscow with the XRF (middle), and of the second place prize for the dredge sample analysis (right).




Left: Students with their science fair poster on background antimony and arsenic concentrations at the site of the soon-to-be Thacker Pass lithium mine. Right: student with her first place award for her research on the medicinal properties of traditional native plants.

March/April field activities



Students Lekking with help of Chris Cleveland (in camo) using scopes and binoculars.




Seedling starts in the greenhouse (left) and native grass plugs (right).

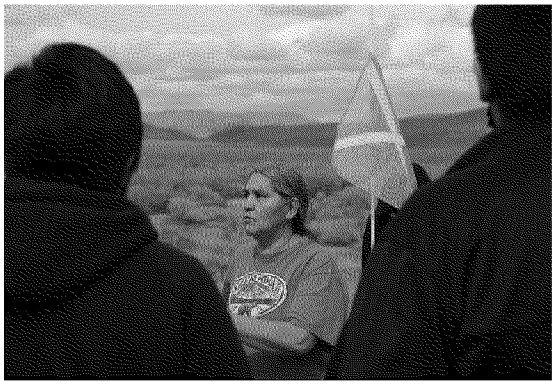
Two-day trip to Thacker Pass, with stops at the Shoshone Mike gravesite



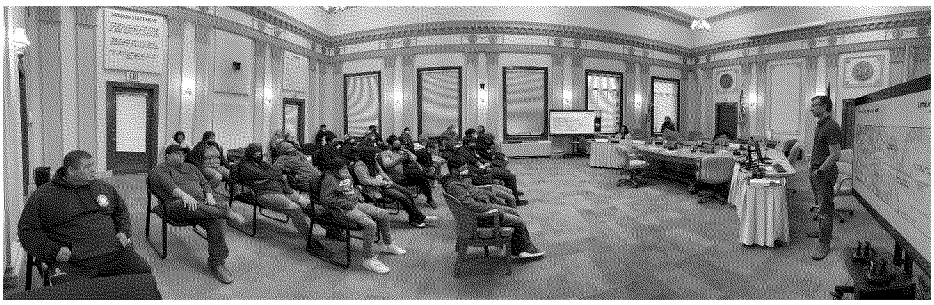


Left: "Shoshone Mike" grave site: The site is often referred to as "The last Indian massacre (1911)." Right: The OCS Bus parked at the gated entrance to the BLM land under lease by the mining company.





Chaperone (right) speaking to students gathered near Shoshone Mike grave site.



Students and chaperones at the presentation by Lithium Nevada.

Visit to Thacker Pass, NV



Walking to butte and overlook area above Thacker Pass / Rotten Moon site.





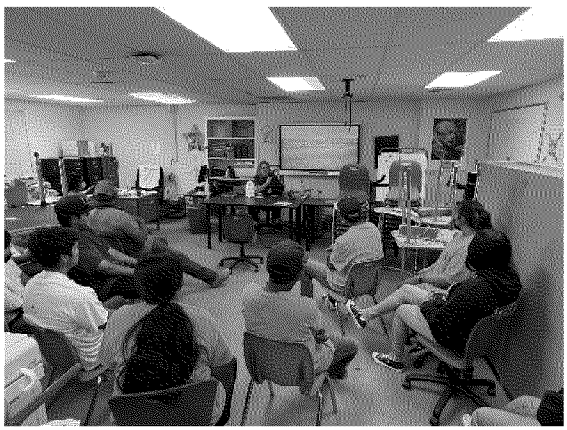
Standing above Rotten Moon (Thacker Pass) while McDermitt Tribal representative tells story of massacre.

Presenting activities to Tribal Council



Students presenting to the DVIR Tribal Council on April 19th.

August Field Activities on the DVIR



18 7-12th grade students, many from the Summer Youth Worker program at the Tribe, discuss the importance of beavers for a healthy ecosystem, what a keystone species is, and why the Tribe is developing a program that includes beavers as part of good habitat management practices.



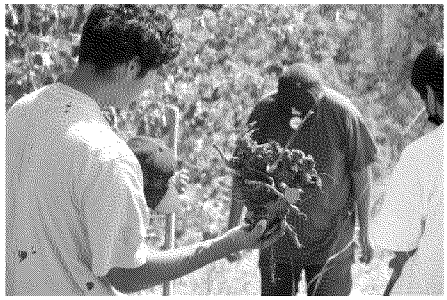


Clearing areas around the large trees within falling distance of the home. Students measured the circumference of the trees and cut sections of horse-wire fencing to wrap around those trees.

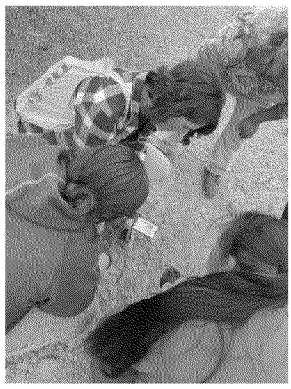
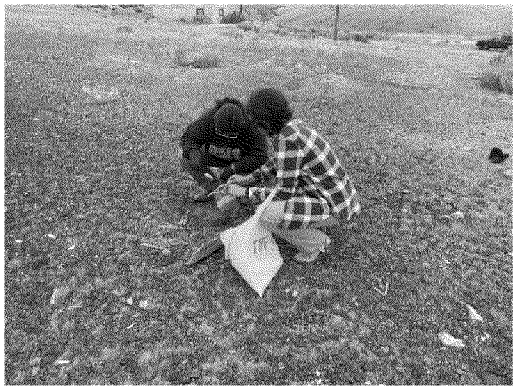




Students collect water samples at beaver trapping site.

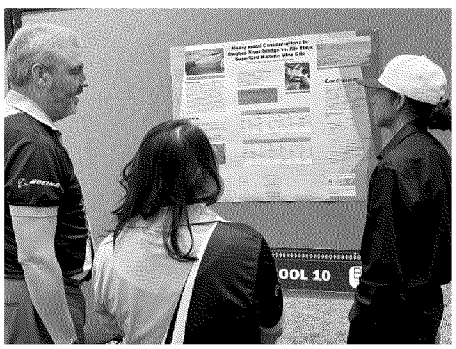



Collecting Doza, a traditional medicine.

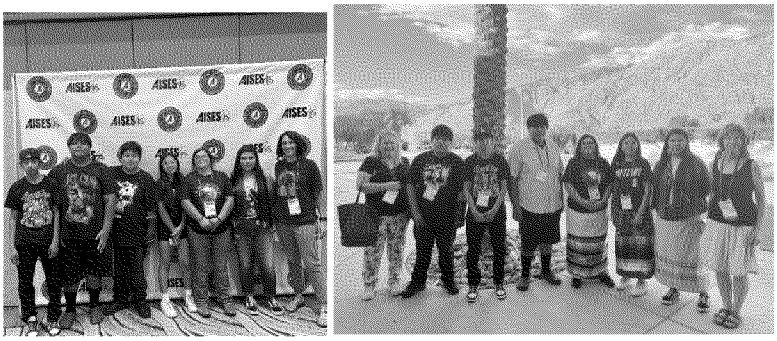



Testing soil at the Rio Tino Superfund Site 4 miles upstream of DVIR.

American Indian Science and Engineering Society (AISES) Conference




Roland presenting on river dredge samples (left) and Avery and Nick with Chris Cleveland at the One Habitat poster (right).

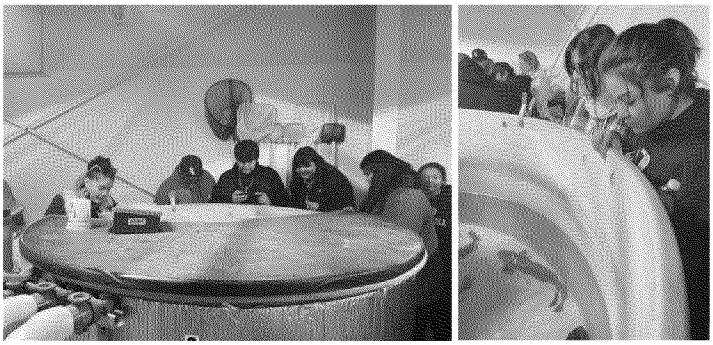


Group photo of students with Casey Bartrem inside conference center (left) and students with Barbara Pete and Dee Dee Dann with Palm Springs background (right).

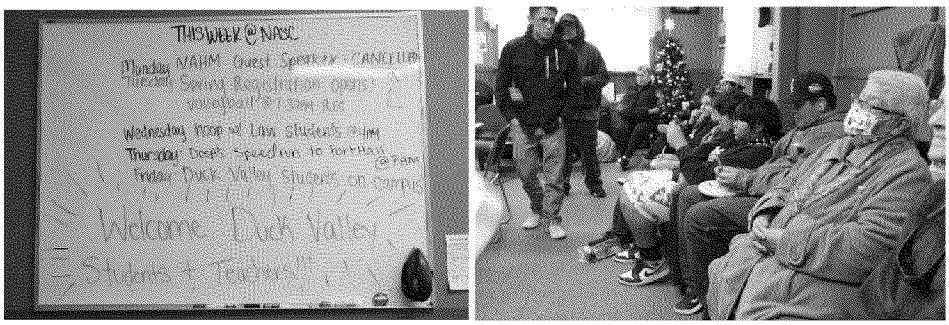
November 2022 Field Trip



Our Owyhee group with Lower Granite Dam staff.



Students observing fish tanks where burbot are raised at the University of Idaho.



Students and chaperones at the UI Native American Student Center (NASC).

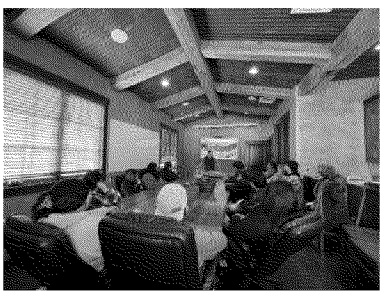



Nez Perce Fish Hatchery staff guiding our group through the facility (left) and showing students salmon eggs (right).




Students holding pacific lamprey and testing how they attach to human skin (left) and Eva Modesto seeing lamprey for the first time in her life.





Left: The One Habitat group with Idaho Conservation League and Save the South Fork at MOSS. Right: Presentation by Perpetua Resources in Donnelly, ID.

December Final Community Presentation



Students and families gather for presentation on activities accomplished under One Habitat Grant.

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1236-EJCPS_TPL Budget_Madras Community Schoolyard.

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Environmental Justice Collaborative Problem Solving (EJCPS) Cooperative Agreement Program	66.306	$	$	$ 480,500.00	$	$ 480,500.00
2.						
3.						
4.						
5. Totals		$	$	$ 480,500.00	$	$ 480,500.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) Environmental Justice Collaborative Problem Solving (EJCPS) Cooperative Agreement Program	(2)	(3)	(4)	Total (5)
a. Personnel	$ 31,600.00	$	$	$	$ 31,600.00
b. Fringe Benefits	15,168.00				15,168.00
c. Travel					
d. Equipment					
e. Supplies					
f. Contractual	38,003.00				38,003.00
g. Construction	368,000.00				368,000.00
h. Other					
i. Total Direct Charges (sum of 6a-6h)	452,771.00				$ 452,771.00
j. Indirect Charges	27,729.00				$ 27,729.00
k. TOTALS (sum of 6i and 6j)	$ 480,500.00	$	$	$	$ 480,500.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Environmental Justice Collaborative Problem Solving (EJCPS) Cooperative Agreement Program	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$	$	$	$	$
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$	$	$	$	$

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)			
	(b)First	(c) Second	(d) Third	(e) Fourth
16. Environmental Justice Collaborative Problem Solving (EJCPS) Cooperative Agreement Program	$	$	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$	$	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges:

23. Remarks:

Tracking Number:GRANT13862046 Funding Opportunity Number:EPA-R-OEJECR-OCS-23-01 Received Date:Apr 14, 2023 10:27:52 PM EDT

ED_016126_00000678-00003

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1235-EJCPS Narrative_TPL_Madras Community Schoolyard.p

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

Manifest for Grant Application # GRANT13862046

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 26254 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16058 bytes)

2. Form SF424A-V1.0.pdf (size 22744 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40996 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15935 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23949 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37483 bytes)

Attachments Included in Zip File (total 8):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-EJCPS_Logic Model_TPL_Madras Community Schoolyard.pdf application/pdf (size 660452 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-EJCPS_TPL Budget_Madras Community Schoolyard.pdf application/pdf (size 447158 bytes)

3. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1235-EJCPS Narrative_TPL_Madras Community Schoolyard.pdf application/pdf (size 944463 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-Resumes_TPL_Madras Community Schoolyard EJCPS.pdf application/pdf (size 283334 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-LOC_TPL_Madras Community Schoolyard EJCPS.pdf application/pdf (size 2745522 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-Indirect Cost Rate Agreement Letter TPL.pdf application/pdf (size 99037 bytes)

7. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-TPL IRS Tax Determination Letter.pdf application/pdf (size 307820 bytes)

8. SF424_4_0 SF424_4_0-1234-SF424-14.pdf application/pdf (size 369564 bytes)

Trust for Public Land Response to the Environmental Justice Collaborative Problem Solving Cooperative Agreement Program, EPA Grant Opportunity Number EPA-R-OEJECR-OCS-23-01

"Madras Community Schoolyard Environmental Justice"

Logic Model

Inputs & Resources	Activities	Outputs	Audience	Short-Term Outcomes (6-12 months)	Intermediate Outcomes (12-24 months)	Long-Term Outcomes (2+ years)
• Staff time and expertise • Partner staff time and expertise • Contractor time and expertise • Event supplies • Grants • Volunteers	• Community engagement for design finalization and informal environmental education regarding nature-based solutions • Develop construction documents • Solicit and evaluate construction bids • Select contractor • Host partner engagement events focused on long-term stewardship • Host ground-breaking ceremony event • Oversee construction • Host ribbon-cutting ceremony • Host community events with partners for site activation • Conduct pre- and post-evaluation	• 1 final site design with community consensus • All 405 elementary students provide feedback on design • 5 community events • 5 community partner dinners • 250 residents and 30 school/ district staff provide input • 12 meetings with school district • District approval of site plan and maintenance requirements • 100% construction documents • Permits • 1 request for proposals for construction • Results of evaluation surveys • Documented partner feedback • Before and after photos of the schoolyard	• Madras Elementary students • Madras residents • Partners • Local contractors	• Increase in awareness of project, environmental justice and public health issues and nature-based solution benefits among 685 residents • Increased coordination among partners • Increase in partners' capacity for community building	• Renovated 2.55-acre schoolyard • Bus lane relocated from schoolyard • Reduction in local air pollution • Increase in shade with pavilion and new trees planted • 3 new outdoor classrooms established • Management and maintenance agreement established • Community partner(s) steward and maintain gardens outside of school hours	• 405 students play on schoolyard during school hours • Outdoor classroom enables outdoor learning • 70% of Madras residents within a 10-minute walk use schoolyard outside school hours • Schoolyard serves as community hub • Increase in physical activity/reduction in number of people who are not physically active • Reduction in urban heat island effect • Increased shelter from elements in the winter • Increased sense of pride and belonging, connection to nature

Trust for Public Land's
Response to Federal Funding Opportunity EPA-R-OEJECR-OCS-23-01
Fiscal Year (FY) 2023 Environmental Justice Collaborative Problem-Solving (EJCPS)
Cooperative Agreement Program

"Madras Community Schoolyard Environmental Justice"

SF-424 Attachment

14. AREAS AFFECTED BY PROJECT:

Madras, Oregon

Trust for Public Land Response to the Environmental Justice Collaborative Problem Solving Cooperative Agreement Program, EPA Grant Opportunity Number EPA-R-OEJECR-OCS-23-01

"Madras Community Schoolyard Environmental Justice"

Budget Narrative

DESCRIPTION	PROJECT COST
Personnel: Project Manager, Oregon Rural Schoolyards Program 33%	**$31,600**
Fringe Benefits: 48% of salaries above	**$15,168**
Travel: N/A	**-**
Equipment: N/A	**-**
Supplies: N/A	**-**
Contractual: $20,000 for Community Coordinator (15 hours per month for 12 months) $18,003 for Landscape Architect to complete community engagement, finalize design, oversee competitive construction bidding process, and manage construction.	**$38,003**
Other: $368,000 for construction of the community schoolyard. Specifically, EPA funds will go toward: Bus lane removal and relocation, earthwork, including grading for better drainage and stormwater management, landscaping, including site preparation, planting trees, and plants, and installing shade structures, including design, materials, and installation of trees.	**$368,000**
Indirect Cost: Federal indirect 32.71%	**$27,729**
Total	**$480,500**

EPA EJCPS Narrative: Madras Schoolyard Environmental Justice

1. Program Objectives

A. Project Summary Page

Project Title: Madras Schoolyard Environmental Justice

Project Location: Madras Elementary School, 215 SE 10th St. Madras, OR 97741

Applicant Information: Trust for Public Land, 15 SW Colorado Ave., Suite 100, Bend, OR 97702

Brief Description of Applicant Organization: Trust for Public Land (TPL), a 501(c)3 nonprofit, partners with communities across the country to create parks and protect public land where they are needed most. We select projects that serve racially marginalized groups in areas experiencing high rates of poverty, negative health outcomes, effects of climate change, and barriers to creating new parks. In Oregon's rural communities, we are specifically committed to working with immigrant, Latinx, and Indigenous communities who have been previously underserved by environmental organizations.

Are you applying for the Small CBO Set Aside Track for $150,000 projects? No

Project Abstract: Through extensive community engagement, TPL is partnering with rural communities in Oregon to transform outdated schoolyards into vibrant green spaces that reflect local cultures, create opportunities for physical activity, advance community goals, strengthen climate resiliency, and build local capacity for future community projects. In Madras, Oregon, TPL is partnering with the school district, students, teachers, community organizations, and the Confederated Tribes of Warm Springs to design and create a green schoolyard at Madras Elementary School. The project will directly address the environmental and public health issues of lack of access to physical activity amenities, exposure to air pollution, and vulnerability to excessive heat as air temperatures rise due to climate change.

The new schoolyard will reduce asphalt, add more drought tolerant, native plants and shade to help keep the schoolyard cool and accessible during hot weather, and provide educational multi-lingual signage and art installations throughout the site that reflect the community's diverse and vibrant cultures. The final built project will provide an opportunity to deepen student and community knowledge of the local ecosystem, the impacts of climate change on that system, and elevate Traditional Ecological Knowledge and history through specific design elements and plants.

Project Types: Demonstration, Small-scale construction, and Public education.

Special Considerations: Rural areas, Climate resiliency.

Environmental Issue: Equity in access to nature, Public health and air quality, Climate resiliency

List of Project Partners: Willamette Partnership (nonprofit), Bean Foundation (nonprofit philanthropic foundation), Jefferson County School District 509J (local government), Latino Community Association (nonprofit), Madras Elementary Parents Club (community group)

Will you need to develop a QAPP for your project? No.

B. Environmental and Public Health Information of the Underserved Community

Madras, OR

Located in Jefferson County in Central Oregon, Madras is a small, rural city set amongst panoramic views of the Cascade Mountains and the beautiful high desert. The area is the ancestral homeland of the Confederated Tribes of the Warm Springs, which comprises the Wasco, Warm Spring, and Paiute bands. Madras has a rich history in agriculture, aviation, and manufacturing, which continues to this day.

The Oregon Office of Rural Health classifies Jefferson County as rural because it is greater than 10 miles from a population center of 40,000 or more people.[1] Approximately 7,683 people live in Madras (2021). Many community members have proudly shared that Madras is the most diverse rural community in Oregon. According to the U.S. Census Bureau, 32% of residents are people of color, including 20% of whom are two or more races, and 11% of whom are Native American. Over 36% of residents are Hispanic.

With fewer economic opportunities than urban areas, the per capita income in Madras is $21,967. The median household income is $43,722, which is 60% below the Oregon state median of $70,084 (2021). According to the U.S. Census Bureau, Madras also has a 21.3% poverty rate, which is well above the County rate of 15.7% and the State rate of 12.2%.

Rural communities like Madras often do not have sufficient resources for building or maintaining public parks. As such, people who live in the area do not have safe and accessible places to gather. Schools often serve as the town's social center; therefore, community schoolyards can become places for social cohesion and group recreation.

Rural communities are also particularly vulnerable to climate change and have reduced access to funding for resilience compared to more populous areas. Already, Oregon's rural communities are feeling the effects of climate change: extended wildfire seasons, unsafe air quality from wildfire smoke, extreme heat waves, prolonged droughts, and reduced crop and forestry yields.

Madras Elementary School

Madras has an impressive network of walking and biking trails. But today, the schoolyard at the centrally located Madras Elementary School does not reflect the community's vibrant cultures and shared love of the outdoors. Approximately 70% of Madras residents live within a 10-minute walk of the school. Currently, the schoolyard is not programed or designed for community use, so it is not used by the public outside of school hours. The schoolyard is failing to serve its residents as a community hub.

The school serves 405 children in kindergarten through fifth grade, and 58% of students are people of color and/or multi-racial, including Native Americans and Alaskan Natives. Over 95% of students receive free or reduced-price lunches, demonstrating that a significant portion of families in the community are low-income. The school is also currently at capacity, if not slightly over capacity, with existing space for indoor classrooms.

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[1] Oregon Office of Rural Health. (2021). Area Unmet Health Care Need Report. Retrieved March 2023, from 2021 Areas of Unmet Health Care Needs Report 2.pdf (ohsu.edu)

The elementary school was built in 1938. The outdated play equipment and patchy grass areas sharply contrast the stunning mountainous background. Accessibility is limited in the schoolyard due to the remnant foundations of past play structures scattered throughout, inaccessible surfaces including woodchips and raised foundations, and a lack of diversity of types of play. Students and community members with mobility aids, such as wheelchairs, and/or sensory issues currently have few options to utilize the schoolyard. Children's needs for outdoor activity and exercise are going unmet. This is significant because 32% of Madras residents are children under the age of 18, which is above the state average of 25%.

The schoolyard is 2.55 acres and is a largely paved area with an excessive amount of asphalt (23,000 sq ft). With few trees or shade structures, these conditions create a local heat island, especially in the dry, hot, desert summers, and as the temperatures increase due to climate change. Additionally, in this high desert landscape, during winter months increased snow and freezing temperatures, and a lack of protection from the elements, limit the use of the schoolyard, preventing students from accessing the multiple benefits of time spent outdoors.

Environmental Health

According to Robert Wood Johnson Foundation's County Health Rankings and Roadmap, Jefferson County ranks 34 out of 35 counties in Oregon for health, meaning it is the second least healthy county in the state. Over half of county residents reported a lack of access to exercise opportunities, and 29% of adult residents reported no leisure-time physical activity. Twenty-two percent of adult residents reported that they consider themselves in fair or poor health.[2] According to the U.S. Department of Agriculture, Madras meets the definition of a rural food desert for low-income census tracts because a significant number of residents live more than 10 miles from the nearest supermarket.[3]

Decades of research have demonstrated myriad ways that a lack of access to nature has cost people their health, happiness, and prosperity for generations. Communities with less green space are hotter in the summer, have worse air quality, and are more susceptible to catastrophic flooding. People without parks close to home get less exercise. Lack of access to parks is associated with higher rates of heart disease, stroke, and obesity. In the study, *The importance of outdoor play for young children's healthy development,* researchers found that play promotes cognitive, physical, social, and emotional well-being, offering the necessary conditions for children to thrive and learn. Through play, children can experiment, solve problems, think creatively, and cooperate with others, thereby gaining a deeper knowledge about themselves and the world.[4]

Despite its rural location and idyllic high desert surroundings, according to the Environmental Protection Agency's EJScreen tool, Madras is in the 93rd percentile in the state for ozone levels,

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[2] Robert Wood Johnson Foundation. (2022). County Health Rankings & Roadmaps. Retrieved March 2023, from https://www.countyhealthrankings.org/explore-health-rankings/oregon/jefferson?year=2022.

[3] U.S. Department of Agriculture, Food Access Research Atlas. Retrieved April 2023, from https://www.ers.usda.gov/data-products/food-access-research-atlas/

[4] Bento G, Dias G. (2017). The importance of outdoor play for young children's healthy development. Porto Biomed J. 2017;2(5):157-160. doi:10.1016/j.pbj.2017.03.003.

45th percentile in the state for diesel particulate matter, and 32nd percentile in the state for particulate matter. For traffic proximity, Madras is in the 83rd percentile in the state. These rankings reflect the disproportionate environmental and public health harms faced by the community. The community is affected by these increased exposures as indicated by the county's higher rates of premature death.[5]

Air pollution and traffic proximity are problems at the school, as the bus lane currently bisects the schoolyard. Diesel school buses idle during drop off and pick up, meaning that twice a day, the air becomes polluted as children arrive and leave school. On days with little wind, these fumes likely linger over the schoolyard during recesses throughout the day. Vehicle fumes contain particulate matter, nitrogen dioxide, sulfur dioxide, polycyclic aromatic hydrocarbons, mercury, and volatile organic compounds, all of which harm public health, especially children.[6] Studies have documented the connection between exposure to particulate air pollution and increased risk of heart disease, respiratory disease, stroke, and cancer, which are four of the five leading causes of death in Oregon.

Green Schoolyard Development

This project will partner with the Madras community to design and renovate the 2.55-acre schoolyard at Madras Elementary School to create a safe and accessible multigenerational space for students and the greater community outside of school hours. The project will directly address the environmental and public health issues of lack of access to physical activity amenities, lack of accessibility, exposure to air pollution, and vulnerability to excessive heat. The resulting schoolyard will add a resource to the local built environment to address social determinants of health and reduce air pollution exposure. By offering places for the community to come together, the schoolyard will provide a shared public place to strengthen social cohesion. As a close-to-home opportunity for active recreation, this project will address a social determinant of health to help increase physical activity. The schoolyard will also impact mental health, providing respite and relief from high stress levels, anxiety, and depression with a place to relax in nature. By being universally and ADA-accessible, it will also bring together and serve all residents regardless of age or ability.

The new, green schoolyard will also enhance the educational setting by providing students with the opportunity for hands-on instruction outdoors, exciting physical education opportunities, and structures to socialize on or within during recess. Regular use of the greenhouse and new garden beds can equip students with hands-on gardening experience and empower them to grow their own food at home. With the school already at capacity with the number of students per classroom, teachers have told us that a covered outdoor classroom space is a high priority. Once complete, students will have daily access to the beautiful outdoor space that they designed. Plus, since most Madras residents live within a 10-minute walk of the school, thousands of people will enjoy this renovated schoolyard as a local park outside of school hours.

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[5] Robert Wood Johnson Foundation. (2022).

[6] Oregon Health Authority. (2020). Climate and Health in Oregon. Retrieved March 2023, from Oregon Climate and Health Report.

This community's unique cultural diversity, regularly described by members of the community as one-third Native American, one-third Latinx and one-third other/Caucasian, is deeply rooted in Madras' history, present day, and future. The community-identified values of sense of pride and belonging, and building a greater connection to nature, stem from these diverse cultural and historical relationships with the environment and is something we will highlight and celebrate throughout this project.

C. Organization's Historical Connection to Underserved Community

History of the Oregon Rural Schoolyards Program

The Madras schoolyard project is part of Trust for Public Land's (TPL) Oregon Rural Schoolyards program, which is a nature-based effort dedicated to community building, health, climate resilience, and education. Our vision is for community schoolyards in rural places to become the standard for creating more resilient, equitable communities.

This program builds off TPL's national Community Schoolyards initiative. TPL is leading the movement to transform our nation's asphalt playgrounds into vibrant green spaces that are improving community health and climate resiliency. Since the mid-1990's, TPL has worked with communities nationwide, collaborating with thousands of students, parents, schools, and neighborhoods to create hundreds of nature-rich schoolyards designed to address climate, health, and educational inequities. The resulting schoolyards also address shortages in green spaces in historically marginalized communities.

In Oregon, we are deliberately focusing on rural areas, since the communities within the state with the greatest need are often rural. Madras is no exception. Prior to engaging the community for the Madras schoolyard project, TPL completed a thorough, evidence-based selection and prioritization process using data that indicated the education, equity, health, and climate conditions of each town. Through this prioritization process, Madras ranked second out of 10 towns for where community schoolyards would be most beneficial to address these conditions. Our research was informed by Oregon Office of Rural Health Areas of Unmet Health Care Need Report (2021), Robert Wood Johnson Foundation County Health Rankings and Roadmaps (2021), Oregon Department of Forestry Communities at High Risk of Wildfire Report (2020), and Oregon Climate Change and Public Health Report (2018). This data-driven prioritization process led us to approach the Madras Elementary School Principal and the Director of Operations and Safety at the Jefferson County School District 509J with the idea of engaging the community in redesigning and renovating the schoolyard at Madras Elementary School. With their strong support, we began working with students and the school community in June of 2022.

Community Engagement in Madras

To address local environmental and public health issues of lack of physical activity opportunities, exposure to air pollutants, and vulnerability to excessive heat in an era of climate change, we are working with students, teachers, and the community to raise awareness of these issues and to design a new, vibrant schoolyard. Thus far, TPL has conducted an in-class design workshop with every student in grades K-5 as well as the life skills students who have disabilities. Additionally, TPL conducted a design workshop for staff and teachers over three days in November. To reach the broader Madras community, TPL participated in community events like the Fall Carnival, Winter Concert, Family University Spanish-Speaking Night at Jefferson County

Middle School and hosted monthly engagement dinner gatherings for our community stakeholders and partners. Our participatory design engagement efforts have used presentations, pictures, poster boards, collective art creation, and even balloon animals. Altogether, we have spoken with all 405 elementary school students, 250 residents/families, and 30 school and district staff.

In addition to community members, we have engaged the following 17 partners and stakeholders representing nine different industries:

- City of Madras (local government)
- Confederated Tribes of the Warm Springs (Tribal government)
- Bean Foundation (nonprofit philanthropic foundation)
- Family University (nonprofit)
- Jefferson County Public Health (local government)
- Jefferson County Public Library (local government)
- Jefferson County School District 509J (local government)
- Latino Community Association (nonprofit)
- Madras Aquatic Center & Recreation District (local government)
- Madras Elementary Parents Club (community group)
- Madras Elementary School (academia)
- Madras Faith Based Network (faith-based nonprofit)
- Madras High School Early Childhood Education Program (academia)
- Oregon State University Extension Nutrition Education/Supplemental Nutrition Assistance Program Education (SNAP-Ed) (academia)
- Saint Charles Hospital (medical)
- Vamonos Outside (nonprofit)
- Willamette Partnership (nonprofit)

During this community-driven participatory design process, students and community members have provided input that we have distilled into recurring themes of water, wildlife, and food. The concept plan for the schoolyard redesign is the results of this engagement. The community is involved in the project by directly shaping the schoolyard design. The community identified the values of universal access for all abilities, sense of pride and belonging, variety of play, being in, and learning about, nature, and safety as priorities for the schoolyard design. For example, parents and community members are concerned not just about the fumes from the school buses, but also about the children's safety. With current conditions, as the bus lane goes through the existing playground, though highly monitored, there is a risk of pedestrian-vehicle conflicts or accidents, especially with children. Additionally, there is currently a limited ability to monitor people coming on and off the property during school hours.

Prior Community Engagement in Jefferson County

Prior to this project, TPL built strong community ties throughout Jefferson County while protecting part of the Crooked River Canyon Wild and Scenic River just south of Madras. This 101-acre property was a popular destination for fishing, hiking, and kayaking, especially since it was one of only a few places where visitors could access the water. For the last eight years, we

worked closely with community members, the Friends and Neighbors of the Deschutes Canyon Area, and the U.S. Forest Service on this project. In partnership with the community, we stepped in to help the U.S. Forest Service add this land to the national forest, thus keeping it publicly available for residents and visitors alike for generations to come. We also worked with local volunteers and the Bureau of Land Management to construct a trail loop with interpretive signage that provides safe, non-motorized access from the canyon rim to the Crooked River.

D. EJCPS Model

Together with the community, the team is working through the Environmental Justice Collaborative Problem-Solving model to improve physical activity, reduce exposure to air pollutants, and provide climate resiliency by renovating the Madras schoolyard.

We have already completed **CPS Element 1, Issue Identification, Community Vision, and Strategic Goal Setting.** After garnering interest and establishing a partnership with the school district, TPL involved community residents early in identifying concerns with not just the current schoolyard, but also overall community access to green spaces and other factors in the built environment that affect public health. Community knowledge deepened the Oregon Rural Schoolyards Program prioritization data analysis and studies mentioned above. The community has been directly involved in providing input, creating the vision, and setting the goals for their future community schoolyard.

The goals for this EPA-funded project are to continue to build local capacity and knowledge of environmental health and justice issues, improve access to greenspace, improve the local environment, and facilitate community building through the redevelopment and activation of the Madras Community Schoolyard. These goals are based on the community-identified values of universal access for all abilities, sense of pride and belonging, variety of play, being in and learning about nature, and safety.

The team has begun efforts toward the **second CPS element of Community Capacity-Building and Leadership Development** and will continue these efforts during the grant period**.** TPL has centered student and community learning during the design of the space. As mentioned above, starting in June 2022, we worked with all students in K-5 grades and the life skills classes for students with disabilities, as well as with teachers and community members to identify and learn about the environmental health problems in their community. We also involved them in creating a vision for solutions to these issues, using images and art creation to imagine what the space could and should look like at planning charrettes and community events. TPL has ensured that the students and residents we engaged reflect the diverse community demographics in terms of racial, social, and economic status diversity. During the grant period, the community engagement process before construction, and environmental and climate education after construction, will build partnerships, community capacity, and potentially future environmental leaders among the students.

With three key partners actively engaged in the project, the team has completed many aspects of **CPS Element 3, Multi-Stakeholder Partnerships and Leveraging Resources.** Our current partners represent the nonprofit, local government, faith-based nonprofit, philanthropic, and community group sectors. We are continually looking for new partners and will continue this

element during the project period. Our existing key partners will continue to help further our efforts in community outreach and engagement, site programming and activation, and capital funding resources. This will be ongoing during the grant period as our current partners take the lead to self-determine their specific engagement and activation activities.

As we work to finalize the site plan design, the team is currently engaged in the **fourth CPS Element of Consensus Building**. We anticipate continuing working on this element during the grant period by fostering common ground amongst diverse opinions and finding middle ground between seemingly divergent needs. TPL's role is to act as a facilitator or mediator between students, residents, and school district officials to elevate community requests. For example, the site design is considering future maintenance requirements to meet the needs of the school district, which will be responsible for maintenance. This means considering the future maintenance requirements of all proposed amenities. In all design decisions, we aim to be transparent and fair as we continually engage stakeholders to ensure meaningful participation. The project team will meet with school and district representatives monthly and attend school board meetings bimonthly.

As with CPS element 3, we are and will continue to actively engage other stakeholders for **CPS Element 5, Constructive Engagement by Relevant Stakeholders.** Not counting our key partners above, we have engaged 14 stakeholders representing seven sectors. Throughout the grant period, we would regularly engage these community stakeholders in the design, construction, and activation of the schoolyard. If awarded EJCPS funding, the team would seek to engage the EPA in providing technical assistance, in addition to the much-needed financial resources this grant will provide.

With all this groundwork laid to date, the heart of this stage of the project will be **CPS Element 6, Sound Management, and Implementation**; namely, the result-oriented activities of finalizing the design, developing construction documents, demolishing the current site, constructing and renovating the entire schoolyard site, and coordinating activation activities to drive community use and stewardship. If awarded, the construction grant funds will be used for elements that improve air quality, mitigate climate and health risks from extreme heat, and improve climate resiliency and adaptation. The project team will meet on a weekly basis to conduct project implementation, track progress, and ensure milestone are met on-schedule. The school team will meet on a monthly basis to ensure construction and school-based activities are successful.

Also included in the project will be the **seventh CPS element of Evaluation, Lessons Learned, and Replication of Best Practices**. TPL will survey stakeholders and partners before and after the program. After completion, we will check in with the school and district to assess the effects on student mental health, attendance, behavior incidents, and any other noticeable effects on the students. Ultimately, Madras Elementary is one part of TPL's demonstration program that aims to reshape and adapt our national schoolyards initiative to support rural areas. One result of the demonstration program will be a replicable process template and case study that other communities can use to undertake rural green schoolyard projects in Oregon and beyond. Outside the scope of this project, our Oregon Rural Schoolyards program is working in two other Oregon communities, and we hope to bring lessons learned from Madras to these and others as we extend beyond the program's three-year pilot. We will also work to inspire future actions by

demonstrating a successful pilot program through best practices in community engagement, design, funding, development, and site activation.

E. Project Linkages

If awarded, this project would assist the EPA in fulfilling **Objective 2.1, Promote Environmental Justice and Civil Rights at the Federal, Tribal, State, and Local Levels**, in its 2022-2026 Strategic Plan. We are building community capacity and climate resilience while maximizing benefits to the Madras community, which has been historically underserved and is currently overburdened as the temperatures rise due to climate change. Madras has a historic lack of investment in infrastructure, especially compared to other urban and rural areas in Oregon. According to members of the community this is, in part, due to Madras having a smaller tax base and therefore fewer resources to make investments than larger, urban communities. If awarded, this grant would contribute to Executive Order 14008's Justice40 mandate, where at least 40% of the overall benefits from federal investments serve underserved communities.

This project builds capacity by placing the community at the center of this collaborative problem-solving process as they decide what they want their schoolyard and community hub to look like. When designed by the community, the process of creating and activating a schoolyard shifts power to the people. TPL's in-class design workshops taught students how to be junior landscape architects, where they were able to design their own schoolyard considering aspects of play, mental and physical health, education, protection from the weather, and community cultural representation through art and signage. TPL's community engagement process has built, and will continue to build, community capacity by empowering future leaders with the experience, knowledge, and skills to be able to meaningfully engage with government programs to advocate for their community's needs. As students learn and practice meaningfully engaging in public processes with this project, we hope they will feel confident to do so with future community-identified needs. The resulting schoolyard can be a symbol that change is possible.

In addition, the nature-rich schoolyard will provide a close-to-home connection to nature that children currently lack, which can make them more likely to be environmentally minded and conscious. The design so far includes an outdoor classroom and a gardening area where teachers can create curricula to learn outside in nature. The final built project will provide an opportunity to deepen student and community knowledge of the local ecosystem, the impacts of climate change on that system, and elevate Indigenous knowledge through specific design elements and native plants.

When schoolyards within underserved communities are transformed, resources are channeled into the places that need it most. The resulting schoolyard and community space will be climate resilient. Climate change is increasing temperatures in the rural high desert, especially in the summer when temperatures are over 100 degrees Fahrenheit. Yet there is little to no shade within the playground, and the schoolyard has an excess of asphalt surfaces that absorb heat, creating a local heat island that continues to heat the surroundings long after sunset. This project will add greater climate resiliency by planting drought resistant trees and native plants that will, over time, provide lasting shade as well as filter local air pollutants, improving air quality. Parks can be as much as 17 degrees cooler than surrounding neighborhoods, and cooling can extend half a mile away. By relocating the bus lane away from the play areas, it will

also improve local air quality with reduced exhaust and diesel fumes. In addition, specially landscaped gardens, bioswales, and porous surfaces filter rainwater, thereby cleaning stormwater runoff.

F. Partner and Collaborate

Collaboration with partners from multiple stakeholder groups is essential to redesign and activate the Madras schoolyard to develop solutions to environmental and public health issues. TPL is working in partnership with local and regional nonprofits, the local school district, and others for community engagement, collaboration on schoolyard design, management of the construction, and activation of the new space. Local and regional partnerships are a priority to foster trust and understanding of the process and encourage community engagement and participation. Local partnership roles and responsibilities shall respond to local needs and capacity, and a commitment to advance shared outcomes. Partners have diverse knowledge and expertise in health, education, climate, and equity.

Project Teams

The core Project Team comprises TPL, a contracted community coordinator, a contracted landscape architect, and the Communications Partner and Health Partner at the Willamette Partnership. The team meets weekly. The School Team is the Project Team plus the Madras Elementary Principal, the Jefferson County School District Director of Operations and Safety, and a Madras Elementary teacher. The School Team meets monthly and attends all school board meetings.

Key Partners

We have brought together diverse partners who do not typically interact with each other. Our key partners are the Willamette Partnership, a nonprofit; Jefferson County School District 509J, a local government; the Madras Elementary Parents Club, a community group; the Latino Community Association, a nonprofit; and the Jefferson County Faith Based Network, a faith-based nonprofit. Our partners are deeply committed to the project as evidenced by their support to date. We are deliberately letting each partner take the lead in determining their role, resources, and activities. This flexibility allows our partners to engage in Community Capacity-Building and Leadership Development (CPS Element 2) as they determine their role for each specific activity. As mentioned above, our work of Multi-Stakeholder Partnerships and Leveraging of Resources (CPS Element 4) is ongoing and will continue during the grant period.

The Willamette Partnership is a conservation nonprofit with a deep commitment to helping build stronger, healthier, and more equitable communities that are sustained by nature. As Project Team members, they are contributing time of two staff members for community engagement and technical assistance.

The Jefferson County School District 509J is the local school district serving the region. Their mission is to unite to empower culturally enhanced learners to shape the world. Their role is to be the liaison for the schoolyard development and supporter of efforts to engage with students, staff, and parents. As property owners, they will have final approval of the design and will be

responsible for future maintenance and upkeep. They are engaged in the design process to ensure future maintenance needs are accounted for in the final design.

Similar to a parent-teacher association but not formalized as such, the **Madras Elementary Parents Club** is an all-volunteer group of parents and guardians of children attending Madras Elementary. They have and will continue to shape the design through direct feedback and connecting with other community members. They may also choose to participate in organizing environmental education and activation activities as their capacity allows.

The Latino Community Association, a 501(c)3 nonprofit, empowers Latino families to thrive by creating opportunities for advancement and building bridges that unite and strengthen. They are an essential connecting point for the largely Latino immigrant community in Madras. They have and will continue to play a vital role in community engagement to ensure all historically marginalized groups have a chance to have their voice heard. They will provide critical input into onsite community art and signage representing the language, history, and the culture of the Latinx community in Madras. They will also assist with fundraising for construction costs and activation of the site through community events, as their capacity allows and as they determine how they will use the future space for their current programs.

The Bean Foundation's mission is to improve the lives of children, families, and young adults living in Jefferson County and the Confederated Tribes of Warm Springs, primarily through grants for recreation, education, and the arts. They are a local foundation in memory of Al Bean, a former insurance salesperson and real estate professional. As a local community foundation, according to former Madras Mayor Rick Allen, "their visionary leadership has been quietly building our community for decades, improving the quality of life of those they touch."[7] The Bean Foundation has provided a $25,000 grant for this project and has invited Trust for Public Land to reapply for future funding.

Stakeholders

In addition, our 11 stakeholders committed to the project represent a broad spectrum of sectors and interests. Stakeholders include:

City of Madras (local government), Confederated Tribes of the Warm Springs (Tribal government), Bean Foundation (nonprofit foundation), Family University (nonprofit), Jefferson County Public Health (local government), Jefferson County Public Library (local government), Madras Aquatic Center & Recreation District (local government), Madras Elementary Parents Club (nonprofit), Madras Elementary School (local government), Madras Faith Based Network (faith-based nonprofit), Madras High School Early Childhood Education Program (academia), Oregon State University Extension Nutrition Education/Supplemental Nutrition Assistance Program Education (SNAP-Ed) (academia), Saint Charles Hospital (medical), Vamonos Outside (nonprofit).

In particular, the Confederated Tribes of the Warm Springs are an important stakeholder in the Madras schoolyard project. TPL presented the project to the Warm Springs Culture and Heritage

[7] See https://www.thebeanfoundation.com/general-1

Committee and is consulting with them on design themes, signage, and art to represent the Tribe's history, language, present life, and future in Madras and the greater Jefferson County. Specifically, members of the tribal Committee will work with the project design team to review and approve information about the Tribes' history, language, and relationship to plant material.

2. Project Activities

A. Project Activities

With the requested U.S. EPA support the Trust for Public Land (TPL) and its partners will continue the engagement process for programming, implement construction of the schoolyard, and conduct site activation and environmental education at the Madras Community Schoolyard.

Activity A: Community Engagement to Increase Awareness of Schoolyard Solutions

TPL and key partners and stakeholders will continue the participatory design process. The engagement process will be focused on continuing to build and deepen community partnerships and community capacity to engage in problem solving and decision-making processes related to the schoolyard; ensuring safe and inclusive access and opportunities for communal use; and informing the culturally diverse representation of Madras' rich cultural heritage and histories through signage and art installations.

- In-classroom engagement with all 405 elementary school students to teach students about environmental justice issues, mental and physical health, and community representation through art and signage
- 4 quarterly community events to maintain momentum, solicit feedback, and ensure community awareness of how this schoolyard will address environmental justice issues, mental and physical health, and community representation through art and signage
- Meet with the school district to finalize and approve the community-informed design
- Through input from community engagement, development of community, student, and tribal-informed educational and artistic signage that is reflective of the diverse and vibrant community cultures and Traditional Ecological Knowledge to ensure continuous learning of all students and community members

Goal: Encourage inclusivity, and community ownership and adoption of the site for outdoor and environmental learning, and regular use outside school hours, as a community hub.

Activity B: Schoolyard Development

TPL and the Jefferson County School District will oversee development of construction documents, a competitive bid process, contractor selection, and construction.

- Monthly meetings with the school district and bimonthly meetings with the school board to track progress, share updates, and ensure continued support
- Run competitive bidding process for subcontractors, in accordance with local, state, and federal procurement requirements
- Complete required permitting for the project at the state and local level
- Construction process to be completed by the end of 2024
- Use EPA grant funds for site preparation, equipment, materials, construction, and construction administration of several components of the Madras Community Schoolyard in relation to improving air quality, mitigating climate and health risks from extreme heat, climate resiliency and adaptation

Goal: Construction of new community schoolyard featuring community-identified amenities.

Activity C: Community Capacity and Partnership Building for Ongoing Schoolyard Stewardship
Before and after construction of the schoolyard, TPL and key partners will host community events and activate the schoolyard site through programming to be developed in coordination with key partners and stakeholders as their expertise and capacity allows.

- 5 community partner dinners to solicit input, maintain momentum and excitement, and discuss and develop ongoing site programming and maintenance of the new schoolyard
- Deepen relationships among partner organizations to ensure collaborative, ongoing programming and maintenance of the schoolyard once construction is complete
- Identify partner(s) to manage the greenhouse and planting beds and work with them to develop a long-term stewardship plan

Goal: Deepen stakeholder partnerships to ensure continued collaborative programming, stewardship, and maintenance of the schoolyard, to sustain its status as a community hub and ensure the environmental and public health benefits are fulfilled to their fullest potential.

B. Milestone Schedule

Q1: Fall, November 1, 2023- December 31, 2023

- Grant agreement finalized that details timelines for financial and progress reporting.
- TPL will convene the Project Team to discuss budget, timeline, a regular meeting schedule, and activities between November 2023-December 2024.
- TPL will work with contracted Landscape Architect and the school district to complete 100% construction documents, permitting and bidding process for construction.
- Project Team and partners, will host 1 community partner dinner in relation to site programming and maintenance of the new schoolyard.
- Project Team and partners will host 1 community engagement event in relation to site programming and activation of the site and its new elements.

MILESTONES: Grant agreement executed. First Project Team meeting. Completion of 100% construction documents, permitting and bidding processes. Completion and documentation of community engagement events about programming and maintenance as well as activation of the site post-construction.

Q2: Winter, January-March 2024

- Weekly Project Team meetings; Monthly School Team meetings; Bimonthly school board meetings
- TPL will work with contracted Landscape Architect on construction management.
- Project Team and partners will host 1 community partner dinner in relation to site programming and maintenance.
- Project Team and partners will host 1 community engagement event in relation to cultural inclusivity of art, signage.
- Construction: site preparation to begin *(weather dependent – could be pushed to Q3).* This includes removal of asphalt, earthwork, removal of the bus lane and all outdated play equipment.

MILESTONES: 13 weekly Project Team meetings. Site prep for construction to begin *(weather dependent)*, removal of asphalt, bus lane, and outdated equipment. Completion and

documentation of 2 community engagement events, in relation to programming and maintenance as well as signage, art, and cultural inclusivity.

Q3: Spring, April-June, 2024

- Weekly Project Team meetings; Monthly School Team meetings; Bimonthly school board meetings
- TPL will work with contracted Landscape Architect to provide construction management for the project.
- Project Team and partners host 1 community partner dinner in relation to site programming and maintenance of the new schoolyard.
- Project Team and partners host 1 community engagement event to maintain momentum prior to the ribbon cutting ceremony and celebration tentatively scheduled for late Fall 2024, in relation to programming and activation.
- Construction: continued site preparation, earthwork, and material purchasing.

MILESTONES: 13 Project Team meetings. Site prep completion, materials purchased. Completion and documentation of 2 community engagement events, programming, maintenance and the groundbreaking ceremony and celebration to initiate construction.

Q4: Summer, July-September, 2024

- Weekly Project Team meetings; Monthly School Team meetings; Bimonthly school board meetings
- TPL will work with contracted Landscape Architect to provide construction management for the project.
- Project Team and partners host 1 community partner dinner in relation to site programming and maintenance of the new schoolyard.
- Project team and partners host 1 engagement event to maintain momentum prior to the ribbon cutting, tentatively scheduled for late Fall 2024, in relation to programming and activation.
- Construction: grant-funded elements/structures; shade pavilion, outdoor classrooms, and the bus lane relocation.

MILESTONES: 13 Project Team meetings. Completion and documentation of 2 community engagement events, programming, and maintenance.

Q5: Fall, October-December, 2024

- Weekly Project Team meetings; Monthly School Team meetings; Bimonthly school board meetings
- TPL will work with contracted Landscape Architect to provide construction management for the project.
- Project Team and partners to host 1 engagement event prior to ribbon cutting, in relation to programming and activation.
- Construction: completion of grant-funded elements/structures; shade pavilion, outdoor classrooms, and the bus lane relocation.
- November 2024: Ribbon Cutting Ceremony and Celebration!

MILESTONES: Weekly Project Team meetings through completion. One Post-project Evaluation meeting. Completion of all EPA-funded elements/structures of the new community schoolyard. 1 Community engagement event prior to ribbon cutting. Activation &

Programming: have 1 community partner and champion for greenhouse and planting beds, have 1-2 educational and or environmental community or youth activities scheduled on site.

C. Itemized Budget Sheet

Please see the attached budget sheet for a breakdown of costs. The budget consists of personnel, fringe benefits, travel, contractual, and other categories. For personnel, the budget is 33% of the Project Manager's time, totaling $31,600. Fringe benefits are 48% of the personnel salary, totaling $15,168. Additional funds outside this grant are covering the staff time for TPL's Oregon State Program Director.

Contractual costs include a Community Coordinator and Landscape Architect. The Community Coordinator is estimated at 15 hours per month for 12 months, for a flat salary of $20,000 a year. This Coordinator will act as a liaison for project design, engagement, and schoolyard activation. The Landscape Architect is budgeted for $18,003. The landscape architect will work with TPL and partners to complete final community engagement, finalize the design, oversee the competitive bidding process, and manage construction.

Capital construction of the schoolyard falls under the Other budget category, totaling $368,000. This grant will focus on bus lane removal and relocation outside of the new playground footprint, earthwork, including grading for better drainage and stormwater management, landscaping, including site preparation, planting trees and plants, and installing shade structures, including design, materials, and installation of trees.

The budgeted direct costs total $452,771. TPL has a negotiated indirect rate of 32.71%, which totals $27,729 in indirect costs when applied to all modified total direct costs. The total request to the EPA Environmental Justice Collaborative Problem Solving program is $480,500.

3. Environment Results – Outputs, Outcomes, and Performance Measures (Logic Model)

A. Environmental Results – Outputs/Outcomes

Short-term, the project will increase community awareness of the local environmental justice and public health issues of lack of access to physical activity amenities, lack of accessibility, exposure to air pollution, and vulnerability to excessive heat, and the benefits that nature-based solutions provide. As partners continue to work together through the Environmental Justice Collaborative Problem-Solving model and to refine the design through community outreach, we will increase our coordination and capacity for community building more broadly.

With construction scheduled to be complete in the fall of 2024, the project's most significant intermediate outcome is the transformation of the 2.55-acre schoolyard into a safe and accessible multigenerational space for students and the greater community outside of school hours. This will result in increased access to physical activity amenities for the 70% of Madras residents who live within a 10-minute walk of the school and increased use of the site. Renovation includes the bus lane relocation, an increase in shade with the shade pavilion and new tree plantings, and an outdoor classroom. Relocating the bus lane will result in reduced air pollution exposure, as idling buses will be further away, and more trees will provide oxygen and absorb pollutants. While these effects will occur immediately, the impact on community health will only be measurable further out, as a long-term outcome. This will also result in increased

local climate resiliency through infrastructure to mitigate heat waves and urban heat islands in the summer, and harsh, cold weather in the winter.

Long-term, the renovated schoolyard will serve as a new outdoor community hub, providing for greater social cohesion and physical and mental health. By adding a resource to the local built environment, an outcome will be addressing a social determinant of health to increase levels of physical activity and decrease stress levels through close-to-home access to nature. Being universally accessible, it will also bring together and serve all residents regardless of age or ability. Use of the outdoor classroom has the potential to raise future environmental leaders.

Please see the attached Logic Model for more details.

B. Performance Measurement Plan

We will track progress by tracking student, community member, and partner attendance at community events and activities; seeking feedback from partner organizations and community stakeholders throughout the process, what has been successful and what can be improved, through questionnaires or group meetings; pre- and post-activity surveys to collect data about student, community member, and partner understanding of the environment and perception of green spaces; informal interviews with stakeholders about whether this project strengthens partner relationships; and document through before and after photos the transformation of the community schoolyard. TPL will further refine these evaluation and performance measures with our Director of Evaluation and Learning who will be on-staff in June of 2023; they will help the Program Team develop a robust performance management and evaluation process.

C. Sustainability Plan and Community Vision

The result of this project will be a completely renovated community schoolyard that is resilient to climate impacts and open to the public outside of school hours. We will have designed the schoolyard to minimize future maintenance requirements. The school district will maintain the schoolyard within their annual maintenance and facilities budgets. For additional support and upkeep of some of the schoolyard components, for example the planting beds and greenhouse, we are partnering with local community groups to help maintain those gardens when school is not in session. With the numerous, wide-reaching, and diverse key partners and stakeholders we have already developed and will continue to develop, we are confident that these groups will be able sustain the momentum built by the project to continue to use the schoolyard for future community events.

This project will also directly inform TPL's Oregon Rural Schoolyards Program. Once complete, we will work to inspire future actions by using Madras as a model demonstrating a successful pilot project. We will create and share a replicable process template and case study on best practices in community engagement, design, and funding, which other communities can use to undertake rural green schoolyard projects in Oregon and beyond. Outside the scope of this project, our program is working in two other communities, and we hope to bring lessons learned from Madras to these and others as we extend beyond the program's three-year pilot.

4. Programmatic Capability

A. Organizational Experience

Nationally, with help from our partners and supporters, TPL has created nearly 300 Community Schoolyards projects, and continues to lead the movement to transform our nation's asphalt playgrounds into vibrant green spaces that are improving student education outcomes and community health and climate resiliency. Since 1972, we have worked with communities nationwide, collaborating with thousands of students, parents, schools, and neighborhoods to create nature-rich schoolyards designed to address climate, health, and educational inequities. This has put more than four million people within a 10-minute walk of a quality schoolyard park.

TPL staff learn from each other through webinars, intranet, and peer mentoring, ensuring that lessons learned in one community are available to all project managers. The national schoolyards team has developed trainings and templates for the Oregon project team.

B. Staff Experience/Qualifications of Project Manager

Amanda Craig, Oregon Rural Community Schoolyards Project Manager, is the project manager for this project. She has worked at TPL for one year and is a recent graduate of the University of Oregon with a Master of Landscape Architecture and a B.S. in Environmental Studies. Prior to graduate school, Amanda worked for her Tribal Community, the Confederated Tribes of the Coos, Lower Umpqua, and Siuslaw Indians, as the Air and Water Protection Specialist. Her work focused on conserving and restoring ecological and cultural health within the Tribes' extensive ancestral lands. Amanda's education, work experience, and interests are deeply rooted in Indigenous, cultural and environmental stewardship and management, with a focus on ecological health, education, equity, and inclusion here in Oregon. For this project, Amanda will oversee all project activities, manage partner and stakeholder engagement, track progress, and track the budget. She will be responsible for all performance and financial reporting to the EPA.

Kristin Kovalik, Oregon State Program Director, is overseeing this project. She has worked at TPL for over 25 years. During this time, she has worked with communities in Oregon, Washington, Montana, and Idaho completing forest and farmland conservation projects and working on conservation finance measures. Kristin holds a B.S. from Pennsylvania State University, a Bachelor of Landscape Architecture from University of Oregon and a Certificate in Sustainable Management from Duke University.

Kristin was the project manager for the Crooked River Canyon Wild and Scenic River project south of Madras in Jefferson County where she worked with community members, the Friends and Neighbors of the Deschutes Canyon Area, and the US Forest Service. Additionally, she recently completed TPL's inaugural rural schoolyard project in Chiloquin, a rural community where over half of residents identify as Native American and all 180 elementary school students qualify for free or reduced-price lunch. She worked closely with partners and the community to develop and implement their vision for a vibrant, green, and welcoming schoolyard.

C. Expenditure of Awarded Grant Funds and Plan for Compliance with EPA Pre-Award Compliance Review for Nonprofits

TPL has a rigorous oversight process for Federal Awards and has a strong record in managing federal grants and contracts. All awards are reviewed by legal, finance, and accounting staff, who are trained in monitoring and overseeing federal awards. We also employ a federal grant manager to administer and track the organization's federal awards and ensure all compliance

requirements, such as the submission of timely programmatic reports and Federal Financial Reports, are successfully met. Additionally, as a best practice TPL aims to request withdrawal of cash to reimburse grant expenditures on a quarterly basis and will do so for this grant. A dedicated project director of finance and federal grants manager also work jointly to ensure all anticipated costs are allowable under award program guidelines. Monthly reports are provided to all budget managers and reviewed jointly with finance staff and budget managers.

The organization has an outstanding financial system that allows for tracking of all funding sources, any requirements for restrictions, and matching of allowable expenses for each fund. The organization also has strong accounting controls that include separation of duties, cost tracking, expense approvals, checks and balances, and cash receipts and disbursement. Specific officials are designated to approve payrolls and other major transactions. The time and accounting system tracks effort by cost objective and time distribution records. Cash receipts are promptly logged in, restrictively endorsed, and deposited in an insured bank account. Bank statements are promptly reconciled to the accounting records. All disbursements are made with supporting documents. The organization conducts a single audit annually and our annual audits have not identified issues. The organization maintains healthy reserves that exceed the minimum amount set by the Board of Directors.

5. Past Performance

Within the last five years, TPL has been awarded numerous federal assistance agreements and grants. TPL is successfully managing each agreement, implementing grant activities, and meeting all reporting requirements. A selection of recent agreements, including all recent EPA grants, are described below.

- **U.S. Environmental Protection Agency Environmental Education FY2021 Grant**. $100,000 grant for the "Environmental Education through Stewardship of Philadelphia Green Schoolyards" project. Grant period is July 2022-June 2024.
- **U.S. Forest Service (USFS) FY2021 Community Forest and Open Space Program Grant.** $200,000 grant for the "Community Forests, Public Health, and Tribal Access" project. Grant period is Aug 2021-Sep 2023.
- **National Endowment for the Arts (NEA) FY2021 Our Town Grant for Arts Engagement, Cultural Planning, and Design Projects.** This is a $75,000 grant for the "to support inclusive engagement and creation of a space representative of the people, language, place and culture of Chiloquin, OR" project. The grant period began in July 2021 and will be complete in June 2023.
- **U.S. Environmental Protection Agency FY2019 Brownfields Clean Up Grant**. $500,000 cooperative agreement for the "9th Street Park Cleanup Project in East Wenatchee, Washington" project. Grant period is Oct 2019-Sep 2022.
- **U.S. Environmental Protection Agency (EPA) FY2018 Environmental Education Grant**. This is a $100,000 EPA EE grant for the "Alton Park Riverwalk Connector Environmental Education and Experiences" project. Grant period is Oct 2018 - Mar 2022.

6. Quality Assurance Project Plan Information: N/A.

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1238-Budget Narrative and Itemized Sheet_Final (1)

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1235-USRT_Narrative Proposal_Youth EJ Program_Final.do

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1.		$	$	$	$	$
2.						
3.						
4.						
5. Totals		$	$	$	$	$

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) N/A	(2) N/A	(3) N/A	(4) N/A	Total (5)
a. Personnel	$ 70,300.00	$ 70,300.00	$ 70,300.00	$ 0.00	$ 210,900.00
b. Fringe Benefits	7,500.00	7,500.00	7,500.00	0.00	22,500.00
c. Travel	2,412.65	2,412.65	2,412.65	0.00	7,237.95
d. Equipment	0.00	0.00	0.00	0.00	0.00
e. Supplies	6,160.00	6,160.00	6,160.00	0.00	18,480.00
f. Contractual	0.00	0.00	0.00	0.00	0.00
g. Construction	0.00	0.00	0.00	0.00	0.00
h. Other	15,433.33	15,433.33	15,433.34	0.00	46,300.00
i. Total Direct Charges (sum of 6a-6h)	101,805.98	101,805.98	101,805.99	0.00	$ 305,417.95
j. Indirect Charges	10,000.00	10,000.00	10,000.00	0.00	$ 30,000.00
k. TOTALS (sum of 6i and 6j)	$ 111,805.98	$ 111,805.98	$ 111,805.99	$ 0.00	$ 335,417.95
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES				
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8.	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$	$	$	$	$
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$	$	$	$	$

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT				
(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)			
	(b)First	(c) Second	(d) Third	(e) Fourth
16.	$	$	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$	$	$	$

SECTION F - OTHER BUDGET INFORMATION	
21. Direct Charges:	22. Indirect Charges:
23. Remarks:	

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Tracking Number:GRANT13860250 Funding Opportunity Number:EPA-R-OEJECR-OCS-23-01 Received Date:Apr 13, 2023 02:24:59 PM EDT
ED_016126_00000695-00003

Friends of the Owyhee

April 12th, 2023

Sammy Castonguay
Programs Director and Geologist
Friends of the Owyhee
PO Box 96
Ontario, OR 97914

Letter of Commitment
EPA Environmental Justice Collaborative Problem Solving

I am writing to indicate our commitment to partnering with the Upper Snake River Tribes (USRT) Foundation on the **Tribal Youth Environmental Justice and Climate Leadership Program**. We are excited by the goals of this project to 1) improve the environmental justice literacy of tribal youth; 2) authentically connect tribal youth to local and regional environmental justice and climate issues that impact their community through collaborative engagement; and 3) empower tribal youth to take action through career and workforce development in climate and environmental justice.

Friends of the Owyhee (FOTO) is a nonprofit organization conducting conservation advocacy, stewardship, and responsible recreation in the Owyhee region.

Since FOTOs establishment in 2019, USRTF and FOTO have not officially done any projects together though we have been in several, large coalition style collaborations, such as the GEM3 project and work on legislation such as the 2020 SB 2828. During that time we have often discussed the potential for collaborations, particularly on place-based youth programming. We are excited to put that potential into action.

Should USRT be awarded the EPA EJCPS grant, Friends of the Owyhee will assist through our expertise in geography and geology of the Owyhee region, engaging community youth in place-based education and commitment to uplifting disadvantaged communities. FOTO will participate in all partnership meetings and necessary calls to organize and plan for appropriate engagement throughout the course of the program. FOTO also commits to the following:

Year 1:

- Participating in partnership collaboration meetings
- Building curriculum and trip outlines

Friends of the Owyhee

Year 2:

- Providing activities and support for one (1) field trip based in Boise, ID
- Run one (1) pilot trip in the Owyhee

Year 3:

- Providing activities and support for four (4) career focused field trips that allow students to learn about fieldwork, career opportunities, and reconnect with their ancestral homeland in the Owyhees.

The above services will be contributed as a subgrantee of this grant for $6,000 annually.

We are excited to be a partner on this project and increase the engagement of tribal youth in Environmental Justice and climate change.

Sincerely,



Sammy Castonguay
Programs Director,
Friends of the Owyhee

IDAHO
CONSERVATION
LEAGUE

Scott Hauser
Executive Director
Upper Snake River Tribes Foundation
Boise, ID 83706

RE: EPA Environmental Justice Collaborative Problem Solving - Letter of Commitment

I am writing to indicate the Idaho Conservation League's (ICL) commitment to partnering with the Upper Snake River Tribes (USRT) Foundation on the Tribal Youth Environmental Justice and Climate Leadership Program. We are excited that the goals of this project strive to 1) improve the environmental justice literacy of tribal youth; 2) authentically connect tribal youth to local and regional environmental justice and climate issues that impact their community through collaborative engagement; and 3) empower tribal youth to take action through career and workforce development in climate and environmental justice.

Founded in 1973, ICL is Idaho's oldest and largest state-based, non-profit conservation organization. We are a membership organization with members and supporters across Idaho, a Board of Directors with statewide geographic representation; offices in Boise, Ketchum, McCall and Sandpoint; employing approximately 30 staff. Our vision is an Idaho where public lands remain public and are well managed, air is clean, lakes and rivers are healthy, fish and wildlife thrive, and a prosperous, sustainable future exists for all Idahoans. Clean water, clean air, public lands, and abundant fish and wildlife should be accessible to everyone, and ICL is committed to a long-term goal of broadening our work to better serve the diversity of people our work connects to, particularly those populations with traditionally underrepresented voices or marginalized communities.

ICL has enjoyed a long and productive working relationship with USRT. Over the years we have worked together on numerous water quality and human health issues related to mercury and fish consumption rates. We have also worked on resident and anadromous fisheries issues, land management, and climate change related work.

Should USRT be awarded the EPA EJCPS grant, ICL will assist by using our expertise in Idaho's most pressing environmental issues and help to support and empower youth activism, while committing to uplift Idaho's underrepresented and marginalized communities. ICL will participate in partnership meetings and necessary calls to organize and plan for appropriate engagement throughout the program. ICL also commits to the following:

Year 1:

- Participating in 2 virtual EJ/climate classes with a call to action
- Participate in 1 on-reservation workshop

Year 2:

- Participating in 2 virtual EJ/climate classes with a call to action
- Participate and provide support for 1 youth-led service learning opportunity, within the reservation
- One hosted field trip to Boise focusing on direct action activity with ICL's Youth Engagement staff

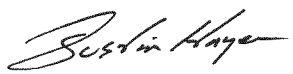
Year 3:

- Participating in 2 virtual EJ/climate classes with a call to action
- Host one tribal youth intern at ICL

Additionally, the Idaho Conservation League will explore other opportunities whether that be on reservation workshops alongside USRT or near one of our offices. The above services will be contributed in-kind.

We are excited to be a partner on this project and increase the engagement of tribal youth in Environmental Justice, climate change, and ICL's opportunities.

Sincerely,

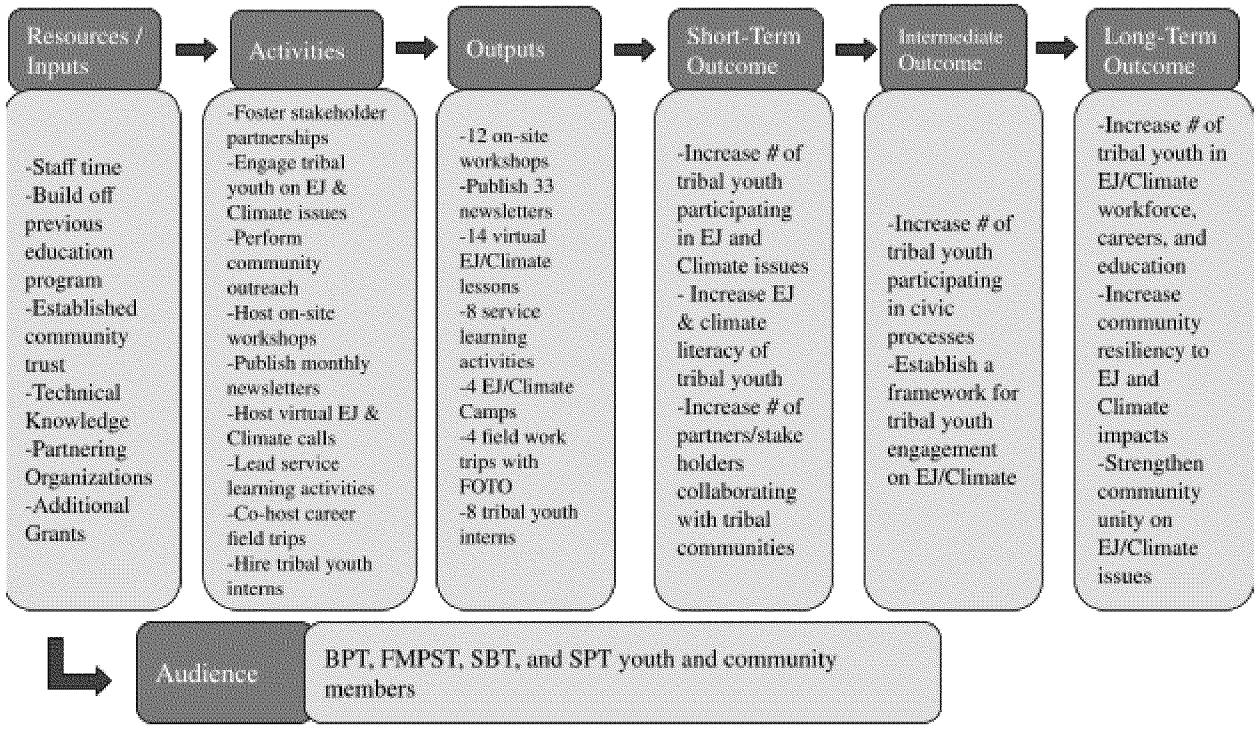


Justin Hayes
Executive Director

3.0 ENVIRONMENTAL RESULTS

Outputs, Outcomes, and Performance Measures

Environmental Results (Logic Model)



Budget Narrative and Itemized Sheet

Line Item	Description	Total
Personnel	• Outreach and Education Coordinator @ $50,000 annual salary X 100% of time on project = $150,000 for three years. • Administrative Costs: $7500 X 3 years = $22,500 • Internship wages: $20 per hour X 20 hrs a week X 12 weeks X 8 tribal interns = $38,400	$210,900
Fringe Benefits	• Coordinator 15% of salary (medical, dentail, life, retirement) = $22,500 for three years.	$22,500

Travel	• Mileage for 12 workshops over three years (based on current GSA rates):
	  ○ Boise, ID >McDermitt, NV: $244.97 X 3 workshops = $734.91
	  ○ Boise, ID >Burns, OR: $247.59 X 3 workshops = $742.77
	  ○ Boise, ID>Owyhee, NV: $191.26 X 3 workshops = $573.78
	  ○ Boise, ID >Fort Hall, ID: $315.71 X 3 workshops = $947.13
	• Lodging for one night per workshop (based on current GSA rates):
	  ○ McDermitt, NV: $98 X 3 workshops = $294
	  ○ Burns, OR: $98 X 3 workshops = $294
	  ○ Owyhee, NV: $98 X 3 workshops = $294
	  ○ Fort Hall, ID: $98 X 3 workshops = $294
	• Per Diem for workshops:
	  ○ Idaho/Oregon/Nevada Rates: $44.25 per day X 8 workshops = $708
	• Mileage for eight field trips (two per tribe) over three years (based on current GSA rates):
	  ○ Fort McDermitt, NV > Boise, ID: $244.97 X 2 field trips = $489.94
	  ○ Burns, OR > Boise, ID: $247.59 X 2 field trips = $495.18
	  ○ Owyhee, NV > Boise, ID: $191.26 X 2 field trips = $382.52
	  ○ Fort Hall, ID>Boise, ID: $315.71 X 2 field trips = $631.42
	  ○ Boise, ID>TNC Silver Creek Preserve X 2 field days: $356.32
		$7,237.97

Supplies	• Workshop materials: $800 per workshop = $6,400 • Food for field trips: $32 per student per day (4 day field trip, estimating 30 students) X 2 trips = $7,680 • Educational materials (pens, paper, handouts, etc): $1,500 • Service Learning Activity Materials (water quality testing kit, air quality kits, educational materials, etc): $300 X 8 activities: $2,400 • Gear for field trips: $500	$18,480
Indirect Costs	• IDC rate agreement of 20% of salary: ($150,000 x 20%) = $30,000	$30,000

Other	• Subaward for FOTO over three years: $18,000 • Subaward for TNC over three years: $2500 (intern stipend), $3000 (intern travel), $8,000 (intern housing): $13,500 • Participant support costs (stipends for tribal chaperones): $150 per day per chaperone ($150 X 4 chaperones X 4 days X two trips per tribe) = $4,800 • Field trip activity costs: $5,000 per trip: $10,000	$46,300
		$335,417.97

Congressional Districts:

Idaho: Ada and Bannock County
ID-001
ID-002

Oregon: Harney County
OR-002

Nevada: Humboldt and Elko County
NV-002

Manifest for Grant Application # GRANT13860250

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 31397 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16053 bytes)

2. Form SF424A-V1.0.pdf (size 22651 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40291 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15930 bytes)

5. Form SF424_4_0-V4.0.pdf (size 24031 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37303 bytes)

Attachments Included in Zip File (total 14):

1. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1237-Environmental Results (Logic Model) .pdf application/pdf (size 116497 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-Resume_Scott Hauser.pdf application/pdf (size 83650 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1242-RESUME_ KUTSCHBACH .docx (1) (1).pdf application/pdf (size 67432 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1243-Zoe Roberts - Resume - March 2023.docx (2).pdf application/pdf (size 134816 bytes)

5. SF424_4_0 SF424_4_0-1234-Additional Districts .pdf application/pdf (size 11674 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1244-Letter of Committment - FOTO (1).pdf application/pdf (size 328023 bytes)

7. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1245-Letter of Commitment - ICL (1).pdf application/pdf (size 95564 bytes)

8. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1236-Budget Narrative and Itemized Sheet_Final (1).pdf application/pdf (size 58863 bytes)

9. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1246-Copy of COB_USRT Letter of Committment (1).pdf application/pdf (size 152160 bytes)

10. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1247-Environmental Results (Logic Model) .pdf application/pdf (size 116497 bytes)

11. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-USRT_TNCLetterofCommitment_EPACPS (1).pdf application/pdf (size 325057 bytes)

12. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-Tax Exempt Letter 6.25.08.pdf application/pdf (size 809362 bytes)

13. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-Budget Narrative and Itemized Sheet_Final (1).pdf application/pdf (size 58863 bytes)

14. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1235-USRT_Narrative Proposal_Youth EJ Program_Final.docx.pdf application/pdf (size 1251100 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-BCC attachments-EPA-OEJECR-OCS-23-01.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-BCC EPA Narrative.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Personnel	66.306	$	$	$ 156,000.00	$	$ 156,000.00
2. Fringe Benefits				46,800.00		46,800.00
3. Contractual + Subawards				281,600.00		281,600.00
4. Indirect Costs				15,600.00		15,600.00
5. Totals		$	$	$ 500,000.00	$	$ 500,000.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total
	(1)	(2)	(3)	(4)	(5)
	Personnel	Fringe Benefits	Contractual + Subawards	Indirect Costs	
a. Personnel	$	$	$	$	$
b. Fringe Benefits					
c. Travel					
d. Equipment					
e. Supplies					
f. Contractual					
g. Construction					
h. Other					
i. Total Direct Charges (sum of 6a-6h)					$
j. Indirect Charges					$
k. TOTALS (sum of 6i and 6j)	$	$	$	$	$
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Personnel	$	$	$	$
9. Fringe Benefits				
10. Contractual + Subawards				
11. Indirect Costs				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$	$	$	$	$
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$	$	$	$	$

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)			
	(b)First	(c) Second	(d) Third	(e) Fourth
16. Personnel	$	$	$	$
17. Fringe Benefits				
18. Contractual + Subawards				
19. Indirect Costs				
20. TOTAL (sum of lines 16 - 19)	$	$	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges:

23. Remarks:

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1. **a. Project Summary Page**

•**Project Title:** Health + Wealth Domain

•**Project Location:** Bedford-Stuyvesant (11205, 11206, 11216, 11221, 11233, 11238), Brownsville (11212), East New York (11207, 11208), and Canarsie (11236), in Brooklyn NY

•**Applicant Information:** Shari Suchoff, Executive Director, Brooklyn Communities Collaborative Inc, 4802 Tenth Ave Brooklyn NY 11219

•**Brief Description of Applicant Organization** Brooklyn Communities Collaborative (BCC) empowers and engages community members through Participatory Action Research that identifies social determinants of health and community solutions.

• Are you applying for the **Small CBO Set Aside Track** for $150,000 projects? No

•**Project Abstract:** Health + Wealth Domain is an initiative to improve health and housing conditions for vulnerable Brooklyn residents while preventing against displacement, creating a model for how low-income renters can benefit from investments in air quality and energy efficiency. In the predominantly Black and low-income neighborhoods of Central and East Brooklyn, residents face disparately poor indoor air quality, leading to high rates of asthma. These are also heat-vulnerable neighborhoods where residents face higher indoor and outdoor air temperatures as a result of the urban heat island effect. Because of high energy costs and overburdened energy infrastructure, many residents lack access to cooling and are increasingly at risk of brown-outs. Traditional approaches to energy efficiency are not designed to benefit renters, and landlord upgrades may actually increase rent and displacement. As building owners and low-income communities look to the forthcoming investments from the Inflation Reduction Act, it is imperative to design solutions that center the needs of tenants and foster community resilience. BCC will conduct energy and health assessments to inform building investments – and design agreements, models, and best practices to ensure that those improvements benefit renters. The project will use hospital data to target buildings with a density of residents experiencing asthma. The planning process will uplift the health and environmental needs of residents to make the case for building investments and identify sources of funding for executing the improvements. BCC will also develop investment models and accountability tools that will ensure community health impacts, resilience, and environmental justice.

• **Project Type(s):** public education, engagement; community planning and consensus-building

• **Special Considerations:** Climate Change/Disaster Resiliency

• **Environmental Issues:** Air quality and asthma, healthy homes, mitigating climate and health risks from urban heat islands, greenhouse gas emissions reductions

• **List of Project Partners:** East New York Restoration Corporation, East Brooklyn Call to Action (CBOs); Hunter College (academic); Monadnock Construction Management and Real Estate, APEX Building Group (business/industry); One Brooklyn Health, Maimonides Medical Center (healthcare); NYC Dept. Housing Preservation and Development, NYSERDA (government)

• Will you need to develop a **QAPP for your project**? Yes

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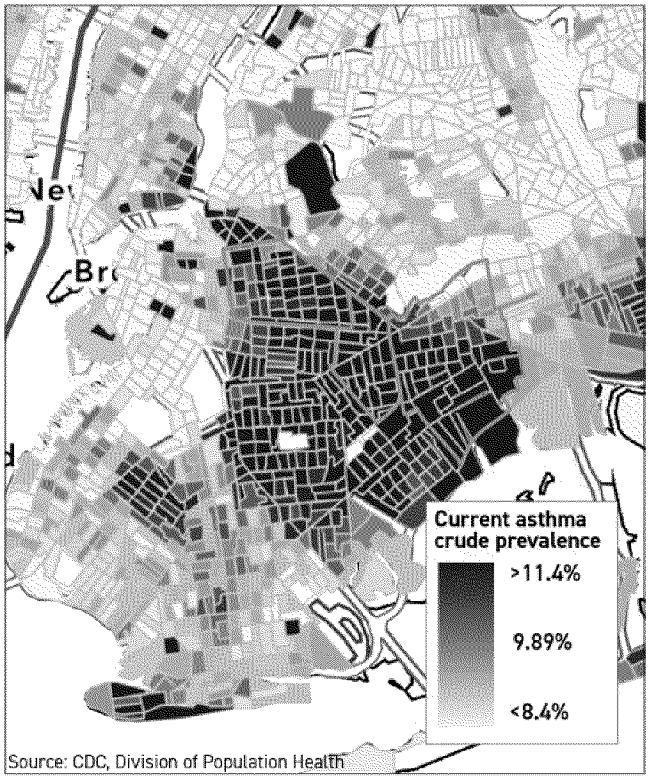
1.0 Program Objectives

b. Environmental and Public Health information of the Underserved Community

Brooklyn is the most populous borough in New York City, with 2.6 million residents.[1] While celebrated for its overall diversity, many Brooklyn neighborhoods are characterized by low income, poor infrastructure, and racial segregation, all of which contribute to substantial health disparities. Residents in BCC's priority neighborhoods – **Bedford-Stuyvesant, Brownsville, East New York, and Canarsie** – experience higher levels of economic and social stress where poverty, unemployment, and rent burden are higher than the citywide average. Rates of violence, assault-related hospitalization, and incarceration are also higher. The physical environment, too, presents an array of risks and challenges to residents, with the highest rates of maintenance defects, insect and rodent infestation, and lack of access to fresh food.

Asthma prevalence in Central and East Brooklyn, 2020-2021



In particular, target communities experience **higher rates of asthma** and **heat vulnerability.**

Data reporting required by the Asthma Free Housing Act in 2019 reveals that Brownsville has the highest rate of adult asthma in New York City, nearly twice the rate of largely white and affluent neighborhoods. Surrounding neighborhoods came in just behind.

More than 70% of the housing in these neighborhoods are rental, and more than 30% of residents are rent burdened, with rates more acute among Black households and low-wage workers. Poor indoor air quality is tied to home design, construction, and maintenance, and a significant number of households surveyed in BCC's Participatory Action Research live in buildings suffering from decades of neglect and intentional efforts by management to keep housing conditions poor in order to push out long-standing tenants. Even newly constructed buildings can quickly fall into disrepair without proper management. Allergens produced by mold and pests are more prominent in older or poorly maintained homes due to inadequate moisture control and ventilation designs. Mold, pests, and lead contribute to poor health outcomes.

[1] US Census, 2021

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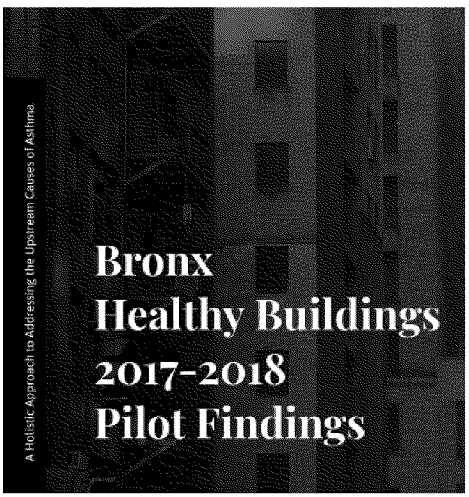
In New York City, increasing temperatures are intensified by the urban heat island effect, which leads to increased heat absorption by materials such as concrete and roads. Bedford-Stuyvesant, Brownsville, and East New York are among the most heat vulnerable neighborhoods in the city.[2] Over 70% of residents in Brownsville and 50% of residents in East New York are Black, and Black New Yorkers are twice as likely to die from heat-related stress.[3]

The confluence of rent burden, poor housing stock, and an underinvested built environment compound public health disparities in these neighborhoods, and efforts to date have been insufficient to the scale of the problem. While legislation like the Asthma Free Housing Act have increased awareness of this issue and the role of poor housing on health, the buildings in the most impacted communities have not taken action. Owners of multi-family apartment buildings often lack the upfront capital or incentive to invest in public health remediation. Building retrofits improve energy efficiency, but the costs are incurred upfront and savings take time to accrue. Financial benefits for landlords rarely translate to tenants. Moreover, landlord investments to improve the building stock often lead to increased rents and risk of displacement for current residents.



The Health + Wealth Domain draws inspiration from the Bronx Healthy Buildings pilot, which was launched in similarly impacted communities in the Bronx and in partnership with healthcare institutions. The Bronx pilot supported capital improvements to address health and energy concerns in nine buildings, reflecting over 530 units. Using electronic medical record data, the pilot was able to demonstrate reductions of patient visits for indoor air related illness of 68% at one facility – a 37% reduction among Medicaid patients – and a 100% decrease in patient visits for indoor air related illness at another facility.[4] These findings reflect savings to our publicly-funded healthcare system, as well as increased measures of comfort and safety among residents.

BCC Health and Wealth Domain aims to build upon the results in the Bronx and harness this historic moment of investment in the built environment to address climate change. Based on results from the Bronx pilot, we can expect similar results, including reductions in patient visits

[2] Cool Neighborhoods NYC: https://www.nyc.gov/assets/orr/pdf/Cool_Neighborhoods_NYC_Report.pdf
[3] 2022 NYC Heat-Related Mortality Report: https://nyccas.cityofnewyork.us/nyccas2022/report/1
[4] Bronx Healthy Buildings Pilot Findings, available at: https://static1.squarespace.com/static/5a2021c5e5dd5b3a4dda00d4/t/64221f1a3f279e03e429e4a7/1679957787872/BPHC+Healthy+Buildings+Pilot+Year+Findings+and+Evaluation.pdf

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for indoor air related illness. The Inflation Reduction Act has made a large-scale investment in energy retrofits and building technologies that reduce greenhouse gas emissions. However renters are largely excluded. Indeed, where their landlords decide to invest in energy efficiency, low-income renters could face increased rent or displacement. With the efforts to build a Collaborative Problem-Solving Model, BCC aims to leverage this critical investment for the communities who stand to benefit the most.

c. Organization's Historical Connection to Underserved Community

BCC is rooted in community needs and community leadership. The impetus for BCC came from community leaders who organized in opposition to the proposed closure of Interfaith Hospital, a safety net hospital in Central Brooklyn, which threatened to reduce access to healthcare and jobs in some of the poorest and medically-underserved areas of New York City and New York State. Community leaders emerged with the goal to not only keep Interfaith Hospital open, but to transform it as both a hospital and as an economic asset in the community. The community-driven, asset-based approach to saving and sustaining Interfaith Hospital and developing BCC for associated initiatives was developed over a three-year, highly-participatory effort among an organized group of African-American community leaders, labor leaders, elected officials, businesses, and academic institutions.

BCC's approach and strategy is also directly informed and guided by seven years of Participatory Action Research (PAR), its key practice for harnessing community insight to identify problems and find solutions. BCC implements targeted efforts to address housing conditions (physical, economic, and social), access to healthcare, and economic opportunities. BCC was awarded, in collaboration with CUNY Hunter College, a grant from the E.M. Kauffman Foundation for community-engaged research with anchor institutions and Black-owned businesses in East and Central Brooklyn. BCC worked with partners in State government, housing developers, and One Brooklyn Health to inform the design of thousands of units of new affordable and supportive housing. PAR projects have galvanized and united a range of stakeholders, including community members, healthcare workers, clergy, activists, healthcare institutions, labor unions, elected officials, and real estate developers.

Toward ensuring the improved and sustainable maintenance of affordable housing, in Fall 2021, BCC collaborated with local CBO partners and real estate developers to launch a Property Management and Stewardship of the Healthy Built Environment Fellowship. The program was designed to train and place community members as skilled property management professionals in forthcoming housing developments and other buildings in Central Brooklyn. BCC and its partners developed a curriculum encompassing traditional property management certifications,

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with enhanced content on housing-as-healthcare, leadership development, community building and stewardship of the overall neighborhood environment. The Program's pilot phase ran from November 2022 – January 2023 with 15 participants and 100% completion rate. Early feedback has been enthusiastic, with developers expressing need for candidates and confidence in the curriculum and training process.

The Health + Wealth Domain will build on the Property Management Fellowship as well as the Health + Housing PAR in Bedford-Stuyvesant, Brownsville, and East New York that highlighted the acute health impacts that resulted from poor housing conditions and galvanized community action. The project offers innovative, structural approaches to remedy poor housing, health impacts, and ensure residents can stay in their homes.

d. Environmental Justice Collaborative Problem-Solving (EJCPS) Model

The EJCPS Model offers an invaluable framework for this project, given the currently misaligned interests and incentives among key stakeholders. The Health + Wealth Domain project will undertake elements 2 - 5 for this project period and resources, as described below.

EJCPS Model Element	**Project Elements**
1. Issue Identification, Visioning, and Strategic Goal-Setting	This was completed over extensive Participatory Action Research (PAR) in 2019 - 2020
2. Community Capacity-Building and Leadership Development	Building on PAR training methodologies, BCC will support awareness of and leadership around building health and greening.
3. Development of Multi-Stakeholder Partnerships and Leveraging of Resources	BCC is uniquely positioned to convene healthcare institutions, building owners, and residents/tenants for this project. This platform affords leveraging of financial and non-financial resources towards shared goals.
4. Consensus Building and Dispute Resolution	Health + Wealth Domain affords tenants and landlords new ways to address building maintenance issues.
5. Constructive Engagement with Other Stakeholders	This process, as well as the best practices and terms among landlords and tenants, have broader application and relevance to policymakers.
6. Sound Management and Implementation	The implementation and completion of building improvements is beyond the timeline of this project, but will be informed by accountability mechanisms developed during the project.
7. Evaluation	Evaluation will take place a year following implementation, comparing health impacts to the baseline collected by the project in Element 2.

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e. Project Linkages

BCC Health + Wealth Domain supports EPA Strategic Plan Goal 2, Objective 2.1, Promote Environmental Justice and Civil Rights at the Federal, Tribal, State, and Local Levels. BCC Health + Wealth Domain targets communities that have been overburdened by public health disparities and environmental harm and seeks to position impacted communities as advocates for change in their neighborhoods and beyond.

f. Partner and Collaborate

BCC will leverage and build upon diverse partnerships to achieve the vision outlined in Health + Wealth Domain. Partnerships include:

	Vested Interest	**Contribution to Project**
Community / Tenants Organizations *Provide support for tenant outreach and public education*		
East Brooklyn Call to Action	Represents dozens of community-based public health campaigns in the project area.	Leverage ongoing and aligned organizing among community residents
East New York Restoration Corporation (Subarwardee)	Entity charged with increasing economic opportunity in the area. Trains building managers to improve health outcomes.	Leverage current program to train building management staff
SEIU 1199	Significant number of 1199 members live in poor quality buildings in project area	Support for outreach, organizing, and neducation
Building Owners / Managers (Business / Industry) *Offer leadership among building owners / managers, advising on key project elements*		
Monadnock	Developers and owners of nearby affordable housing developments	Advise on the value proposition for building owners, terms for tenants
APEX	Developers and owners of nearby affordable housing developments	Advise on the value proposition for building owners, terms for tenants
Healthcare *Data management and tracking health impacts*		
One Brooklyn Health	Incentivized to reduce public health costs, particularly among the most vulnerable residents, who tend to drive Medicaid high-costs.	Support with data to identify target buildings, overall public health impacts of the program

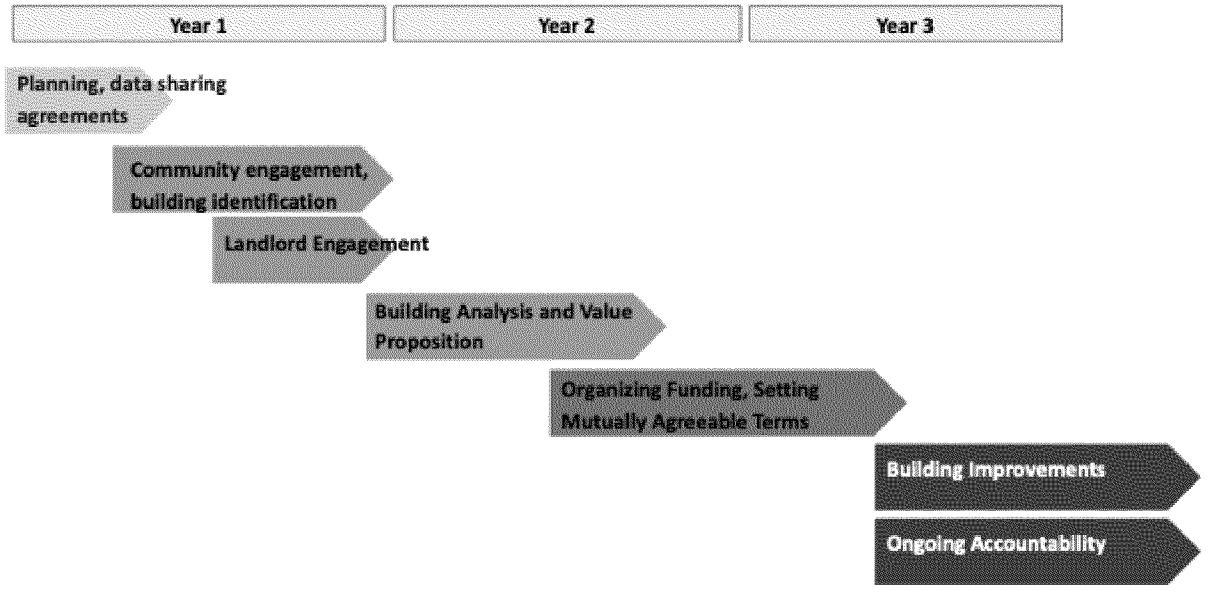
	Vested Interest	**Contribution to Project**
Maimonides Medical Center	Incentivized to reduce public health costs, particularly among the most vulnerable residents, who tend to drive Medicaid high-costs.	Support with data to identify target buildings, overall public health impacts of the program
Academia *Support for research and data collection*		
Hunter College, Urban Policy and Planning (Subarwardee)	The Department is regularly seeking opportunities for applied student learning, faculty research publications	Students will support data collection and faculty will advise on program design and research methodologies.
Government *Financial support for capital improvements, potential policy changes to codify project learnings*		
Elected Officials	Their constituents experience health concerns; they are seeking low-cost, scalable interventions. Elected Officials engaged by BCC to date include: U.S. Senate Majority Leader Schumer, House Minority Leader Jeffries, Congresswoman Clarke, State Senator Myrie, and City Council Member Barron, and others.	Support for identifying potential funding, accountability for building owners and managers, amplification of project goals and outcomes.
NYC Dept. of Housing Preservation and Development	HPD works to preserve affordable housing. Although it seeks to engage smaller buildings, it has had difficulty attracting smaller buildings to use its products.	HPD offers no- or low-cost loans through the Green Housing Preservation Program. The project will direct building owners to this existing source of funding.
NY State Energy Research & Development Authority	NYSERDA is charged with reducing greenhouse gas emissions and climate risks	NYSERDA offers numerous funding programs for building retrofits and energy efficiency. The project will consider these funding sources.

Through Health + Wealth Domain, BCC will build a convening table that is poised to sustain these relationships beyond the project. Indeed, a critical outcome to the project will be formulating the ongoing governing entity, working agreements, and shared understanding that will engage on this work for years to come. Given how critical this work is to its long-term goals, BCC intends to hold regular convenings to ensure project monitoring and continued movement.

2.0 Project Activities / Milestone Schedule

a. Project Activities

BCC's Health + Wealth Domain will establish a collaborative problem-solving agenda that will convene tenants and building owners and advance building models that will advance critical public health and environmental justice efforts. The project will focus on key neighborhoods in Central and East Brooklyn to realize impact for this vulnerable population and ensure a model that addresses the greatest inequities, and it will ultimately build a toolkit for advancing in other parts of the borough and city.



(1) Planning and Data Sharing Agreements

BCC will work with administrators at One Brooklyn Health and Maimonides Healthcare System and faculty at Hunter College, Department of Urban Policy and Planning, to develop a data collection framework. This will serve as the foundation for the required Quality Assurance Project Plan (QAPP) and ongoing data collection and monitoring for the project. BCC will also brief and gather input from existing BCC Community Action and Advocacy Workgroup (CAAW), to offer input on the design and execution of the program.

(2) Community and Tenant Engagement

Leveraging data, the Participatory Action Research (PAR), and tenant-identified maintenance issues, BCC will engage tenant organizations and identify multifamily buildings in Central and East Brooklyn that are "hotspots" reflecting patients with high rates of asthma-related emergency room and hospitalization visits. BCC will also gather other public data such as rent

stabilization, energy and water data, and boiler retirement. BCC will work with tenant organizations to ensure that awareness of this data and need for action is shared and understood among community organizations.

(3) Landlord Outreach and Engagement

Leveraging insights from developer partners, BCC will outreach to landlords around the incentives and benefits of working with the Health + Wealth Domain. For this pilot, BCC aims to outreach to at least 25 building owners, with a goal for at least 4 participating in the pilot.

(4) Building Analysis and Value Proposition

A full audit will be completed for each building that elects to participate in the pilot program, identifying health, energy, and structural needs that – with investment – could realize health, environmental, and financial benefits. This could be anything from integrated pest management and mold remediation, to window replacement, to more wide scale electrification. The audit will also identify available incentives or rebates that may be available to building owners, as well as any additional financing that may be needed to complete the building improvement. This will form the basis of the value proposition for the building owner, as well as a guide for organizing additional funding that may be needed.

(5) Organizing Funding, Setting Mutually Agreeable and Beneficial Terms

With a strong value proposition at hand, BCC – along with key advisors and tenant leaders – will work to explore and propose mutually agreeable and beneficial terms that may be considered alongside capital investments. For example, if there is significant outside funding needed to undertake improvements, perhaps those improvements could be tied to longer-term and fixed rent increase amounts. Models could also be developed to ensure that the tenant-managed equipment (e.g. air conditioners, heat pumps) are managed to ensure the full benefit to the building owner. This work would yield key models, terms of understanding, and best practices that could be included with any additional funding BCC could bring to the table. BCC would work closely to ensure that these could be aligned, or even adopted, in public funding streams if appropriate. BCC will release a report outlining the value propositions uncovered, the opportunities to organize funding, and the terms that would ensure communities benefit.

(6) Building Improvements, Ongoing Accountability

Once agreements are in place, BCC will connect building owners to sources of investment and support tenant education and engagement around building improvements and associated

terms. The completion of improvements will extend beyond the three-year planning grant timeline (and program milestones and budget reflect this timeline).

b. Milestone Schedule

The project milestones below will advance project activities and objectives:

Month	Project Milestone
Phase 1: Community Engagement, Building Identification	
Months 1 - 3	**(1) Planning and Data Sharing Agreements** ● Complete and garner approval for Quality Assurance Project Plan (QAPP) ● Execute program subawards and outline performance management expectations to all stakeholders ● Design core program materials ● Briefing for key stakeholders, including elected officials
Months 4 - 7	**(2) Building Identification, Community and Tenant Engagement** ● Compile key health and building data, identify target buildings ● Engage community residents, engage tenants ● Begin identifying potential building audit contractors
Months 8 - 13	**(3) Landlord Outreach and Engagement** ● Refine landlord value proposition ● Outreach to at least 25 building owners, garner sign-on of 4 in pilot program ● Execute contracts with building audit contractors
Phase 2: Making the Case for Investment	
Months 14 - 18	**(4) Building Analysis and Value Proposition** ● Complete building audit, ensuring proper communication with landlord and sources of reimbursement
Months 19 - 29	**(5) Organizing Funding, Setting Mutually Agreeable and Beneficial Terms** ● Project update briefing to key stakeholders, including elected officials ● Work to identify potential funding sources for capital improvements for each of the 4 buildings, in cluding existing public funds and other sources ● Develop draft term sheets and accountability tools and develop into report ● Solidify project details (financing, term sheet) for pilot projects that advance
Phase 3: Building Models for Equity	
Months 30 - 36	**(6) Building Improvements, Ongoing Accountability** ● Support implementation of building improvements in pilot buildings, including formalizing tenant engagement and other forms of engagement / accountability

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	• Disseminate key reports and findings to impacted communities and beyond • Identify lessons learned for future pilots and other partners

c. Itemized Budget Sheet / Budget Narrative

BCC has designed a budget proposal (Attachment 1) that reflects key areas of investment and follows federal budget guidance:

- East New York Restoration Corporation and Hunter College, Department of Urban Policy and Planning, have been identified for subawards. Both are long-standing partners whose work organizing and educating residents and supporting research are critical to the project. Subaward amounts are based on existing and previous grant amounts.
- Contracted services, namely building assessments, will be completed by consultants selected through competitive procurement. The project's first priority will be aligning with vendors that enable cost reimbursement through existing state building audit programs. In alignment with federal Justice40 and Section 3 requirements and BCC's goals to increase economic impact of this investment, BCC will also seek to recruit bid proposals from minority- and women-owned businesses. BCC will leverage support from the NYC Department of Small Businesses, supplier diversity team, to ensure effective outreach to eligible businesses.

3.0 Environmental Results – Outputs, Outcomes, and Performance Measures (Logic Model)

a. Environmental Results (Logic Model)

Please see Attachment 2 for the associated Logic Model.

b. Performance Measurement Plan

BCC will work closely with partners and subawardees to track and monitor project performance and progress throughout the project period, to ensure execution towards project goals and effective stewardship of resources. BCC will:

- Establish and communicate clear accountability across the collaborative with a **DARCI Framework** that outlines the organizations and individuals who are Decision-makers, Accountable, Responsible, Consulted, and Informed in each of the key project activities. This will ensure overall cohesion among project stakeholders and collaboration, while ensuring clear accountability and oversight for all project activities.
- Develop and maintain an overall **Project Progress Tracker,** building from the Project Activities and Milestone described above and the Logic Model (Attachment 2). This will be shared amongst all project stakeholders to highlight progress and potential

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roadblocks, and ensure the identification of key activities and dependencies across workstreams and partner organizations. The Project Progress Tracker will include Key Performance Indictors (KPIs):

- Development of building / health data framework (percent completion)
- Number of community residents engaged (towards 300 resident goal)
- Outreach to building owners (towards 25 outreach, 4 signed-on to pilot)
- Number of tenants engaged (towards 100 resident goal)
- Completion of building assessments (4 in pilot)
- Completion of key policy meetings and products

- Conduct **Project Meetings** on a monthly basis across all key project partners to check-in on a regular interval and foster collective accountability for this project. Meetings will include review of Project Progress Tracker and support collective problem-solving as needed. In the project kick-off and around key milestones, additional meetings and subgroubs will be identified to focus on developing key program elements (education materials, program identity, landlord-facing materials).
- Collect **Outreach Trackers** from subawardees and key project partners once outreach begins. During the focused outreach periods (beginning Month 3 in Year 1), these will be collected on a weekly basis. Trackers will include numbers of residents engaged, percent towards goal, information about the form of engagement (one-on-one, group meeting), participant name and contact, and building of residence. Subawardees will be trained and expected to input this data into BCC's Customer Relationship Management (CRM) system, building on best practices developed during PAR processes.
- Conduct **Partner Meetings** with each of the subawardees quarterly, to track each individual organization's progress towards its project goals. This will ensure proper time for relationship building, shared learning, and any course-correction as needed. In these meetings, BCC will also review the grant award distribution with subawardees, to ensure effective and timely spending and accounting.
- **Provide bi-monthly updates** to the BCC Community Action and Advocacy Workgroup (CAAW) and EPA staff involved in the cooperative agreement, to ensure key progress.
- Complete other grant reporting as required by EPA under this Cooperative Agreement.

c. Sustainability Plan and Community Vision

BCC is eager to use the efforts and impact of the Health + Wealth Domain to further the community's vision for strong and healthy communities. Communities in Central and East Brooklyn made their vision clear in the Health + Housing Participatory Action Research (PAR)

undertaken 2020 - 2021. BCC will continue to work closely with community-based groups to ensure the results of Health + Wealth Domain build momentum and achieve the community's vision for healthier indoor air, affordable housing, and climate resilience.



BCC is proud to be connected to key organizations for the health and economic prosperity of Central and East Brooklyn communities. BCC's work with the Health + Housing PAR included direct community "balloting" about key priorities (see picture) and resulted in the formation of new community coalitions, including the East Brooklyn Call to Action, comprised of community-based organizations advancing health and social services. The community has expressed an eagerness to see real action towards their Health + Housing goals and to lift-up the kinds of policy actions and scalable interventions. BCC believes the Health + Wealth Domain will offer the critical proof-points to advance community leadership.

The outcomes of the Health + Wealth Domain have been designed to benefit the target neighborhood, as well as others in New York City and urban areas beyond that are grappling with how building improvements – to improve indoor air quality and reduce greenhouse gas emissions – do not negatively impact renters. Indeed, there is significant opportunity to identify examples and models that demonstrate the benefits building improvements to renters, building owners, and community stakeholders such as hospitals. Through this project, BCC intends to have demonstrated proof-points in a critically impacted neighborhood that can be replicated to other communities seeking to realize community wealth building and environmental justice.

4.0 Programmatic Capability

a. Organizational Experience

BCC convenes and supports multidisciplinary partners to work together to improve the health of Brooklynites. It builds on collaborations that have provided 80,000 complex patients with care management; reduced recidivism among the justice-involved by 10%; decreased preventable hospitalizations by 30%; and established career ladders for 240 medical assistants promoted to health coach, among others.

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Through Participatory Action Research (PAR), BCC has gathered data on lived experience in neighborhoods where health disparities were most evident, learning directly from community members, based on the premise that those most affected by issues and problems have the most insight into how best to solve them. To date, PAR initiatives have trained 190 community members, elicited 90+ community-endorsed recommendations, and identified 400 community assets. BCC has worked to sustain and further leverage the momentum created by these investments, refining and scaling existing work, and advocating for funding and supportive public policy. This demonstrated success uniquely positions BCC to improve the health and wealth of those living and working in Brooklyn, due to its established role as a trusted convener of impactful organizations and its track record of engaging the community in priority-setting.

BCC reflects community voice in its governance. The Community Action and Advocacy Workgroup (CAAW) was established to coordinate PAR programs and is now part of BCC's formal governance structure to coordinate in-depth involvement of the local community in advancing health. CAAW serves as a model for cross-sector collaboration, including over 125 community stakeholders with a majority of its membership residing in the neighborhoods served, and meets regularly to coordinate PAR and implement research-identified interventions.

BCC programs use a community-empowered and community-driven approach. BCC partnered with NYC DOHMH to inform Brooklynites about COVID-19 testing and vaccination. Through the partnership, 14 CBOs received funding to conduct outreach to increase vaccination and testing, armed with PAR findings about the best way to reach different communities and real-time weekly clinical surveillance data, translated by BCC's data analytics team. Overall, this partnership resulted in 300,000+ targeted outreach texts, expanded testing by 20%, and 2,000+ vaccinations administered. BCC will leverage its inclusive governance structure for this initiative, ensuring that decision-making power and resources are shared amongst partners.

BCC has successfully managed a diverse portfolio of grant awards totaling more than $9M from public and private funders. In addition, BCC's management team in the Department of Population Health at Maimonides Medical Center has extensive experience executing large-scale innovative programs, including DSRIP, through which the team distributed over $300M via 1500+ subcontracts with 600+ health and community partners across Brooklyn. BCC's fiscal management processes are audited regularly through a robust compliance program.

BCC's management team provides support to a number of entities directly, including the largest DSRIP network of providers in Brooklyn and the Brooklyn Health Home, a network of community-based care management providers. Through these efforts, staff has worked with a network of over 1,000 organizations who together provide service to more than 600,000

residents in an effort to improve health and build wealth in Brooklyn. The team also managed an award of $15M from 2012-2015 to address medical, behavioral and social needs for adults with serious mental illness, which demonstrated improved outcomes, decreased inpatient/ED utilization, and Medicaid savings of $48M.

b. **Staff Experience / Qualifications of Project Manager (PM)**

Two BCC staff members, Samori Touré, JD, and Emmaneulla Chevalier, MPH, will serve as Project Managers, leading and coordinating around distinct areas of the Health + Wealth Domain project. BCC's Deputy Director, Gretchen Susi, Ph.D. will provide close oversight to the Core Project Team, which will include key staff, partners, and consultants. This team will also be supported by BCC Advisor, Christine Curella, who has extensive experience in the relevant aspects of the project. Additional communications support will be provided by the BCC Communications Manager.

Samori Touré is BCC's manager for enterprise development and holds a JD from the CUNY School of Law. He has a background in NYC housing law, and is a native Brooklynite with a strong commitment to building health, health and civic infrastructure in Brooklyn. Emmanuella Chevalier, MPH, serves as BCC's manager of community engagement across all projects. Ms. Chevalier is also a native Brooklynite and lives in East New York, one of the neighborhoods where the proposed project is focused. Ms. Chevalier is skilled at relationship building and the maintenance of the communication channels that are crucial to BCC's work.

Dr. Susi has more than 25 years of experience in catalytic community engagement and participatory action research and a long track-record of successfully bringing together a wide range of leaders and decision-makers to address complicated issues. Her work with community, education, foundation, government, housing and media leaders from across the country has led to significant improvements in policy, institutional practices, media representations, and even in the design of youth-serving facilities. Before her appointment at Brooklyn Communities Collaborative, she was the director of Wellness Empowerment for Brooklyn, a project dedicated to addressing the social determinants of health and guided by participatory action research efforts in Brooklyn neighborhoods. During her tenure at MIT CoLab, which led directly to her work at BCC, I co-authored *Building a Culture of Health In Central Brooklyn: From Protest to Health Systems Transformation* (Cunningham, Susi, et. al., 2020), an in-depth case study of the creation of the One Brooklyn Health System and the alliance of community, health care and union leadership that led to it. With the insights gained during the writing of the case study and conducting PAR in Brooklyn, Dr. Susi worked with the team in the Department of Population Health at Maimonides Health to launch BCC in 2019.

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Dr. Susi's work at BCC is informed by the experience she earned while serving at the Aspen Institute Roundtable on Community Change where she led the Roundtable's efforts to implement place-based racial equity-promoting strategies with partners from across the country. Her work has focused on community development policy and practice, the effects of stress on human development and wellbeing, social movements, resident activism in public housing, cross-sector alliances, and methods for identifying and dismantling structural racism. She developed and raised funds to launch and sustain the Racial Equity Leadership Development Program at the Aspen Institute for leaders from across sectors to build the knowledge, political will and allies necessary to increase social and economic opportunity. The program served more than 1,000 people, effected changes in organizational policies and practices, and inspired the development of new curricula in schools and universities as well as the launch of a yearlong public radio series. She co-authored *Structural Racism & Community Building* (2004), an influential account of racial dynamics in the 21st century that led to significant change within organizations, foundations and institutions throughout the country.

Christine Curella is an advisor to policymakers and grassroots leaders on community wealth building initiatives, building on more than fifteen years of experience operationalizing innovative and inclusive economic development programs. Ms. Curella has supported diverse coalitions in designing impactful programs, including for the federal Build Back Better Regional Challenge grants and the Innovation Engines program of the National Science Foundation. Previously, Christine held senior positions in New York City government, where she designed and operationalized programs and policies to advance inclusive economic development, including Employee Ownership NYC, a suite of initiatives to build worker ownership. Christine worked at the U.S. Environmental Protection Agency during the Obama Administration, where she supported the development of the Agency Strategic Plan and cross-cutting efforts towards environmental justice. She is a graduate of Hunter College, of the City University of New York (CUNY), and received her Masters in City Planning from the Massachusetts Institute of Technology. She serves on the Board of the Democracy at Work Institute and is an advisor to the Community and Worker Ownership Project at the CUNY School of Labor and Urban Studies.

c. **Expenditure of Awarded Grant Funds, and plan for compliance with EPA's Pre-award Compliance Review for Nonprofit Organizations**

BCC will serve as an effective steward of project resources, building on its fiscal management process and experience managing a diverse portfolio of grant awards totaling more than $9M from public and private funders. Key measures include:

- Completing a **subaward agreement** with subawardees that includes fixed payment schedule. This will be reviewed by BCC Legal and Finance teams prior to execution for compliance with relevant legal and finance terms and funder and grant expectations.
- **Payment schedule** will be designed to ensure subawardee and consultant success and include performance-based payments and deliverables-based payments.
- Using its grants management system, BCC Finance Department provides **regular updates on grant expenditures** to ensure efficient and timely spending.
- This grant will benefit from the **procedures and controls in place** from BCC's FInance Department, which regularly oversees significant public and philanthropic funding.
- **Invoices** will be sent to Project Manager for project performance-level approval and forwarded to Finance Team for review and approval. The Finance team will also coordinate with activities outlined in Performance Management (Section 3.b) to ensure reporting on financial expenditures and subawardee and consultant performance.

BCC understands and will fully comply with the EPA's Pre-award Compliance Review for Nonprofit Organizations.

5.0 Past Performance

Outlined below are key grants that BCC has received to advance its work and key projects. All agreements have been successfully managed and reporting requirements met.

Award	Amount	Description
Federal Earmark via Health Resources and Service Administration	$875,000	To expand telehealth for high-demand specialties in Brownsville, Brooklyn and adjacent neighborhoods
Mother Cabrini Health Foundation	$300,000	To expand the Brooklyn Health Enterprise Hub through the economic democracy fellowship; workforce development and training
NYC Community Trust & Altman Foundation	$400,000	To support BCC core operations and programs
Senator Kevin Parker via the Office of Children and Family Services	$100,000	For feasibility study for Brooklyn Health Enterprise Hub

Affinity Legacy	$200,000	For workforce development for formerly incarcerated individuals

6.0 Quality Assurance Project Plan (QAPP) Information (If applicable)

The Health + Wealth Domain will involve the use of existing environmental data and the collection of new data. BCC will develop and seek approval for a QAPP prior to the initiation of project activities.

APPENDIX H

Office of Environmental Justice and External Civil Rights
Quality Assurance Project Plan Requirement (QAPP)

Check Yes or No for each of the items provided below as it applies to your specific project. If you answered **YES** to any of the items listed above, you are **REQUIRED TO SUBMIT** a Quality Assurance Project Plan in accordance with EPA Requirements and an approved QAPP must be in place ***prior*** to the initiation of activities.

You will be contacted with information on how to prepare your QAPP. In the meantime, please visit the website https://www.epa.gov/sites/default/files/2015-06/documents/g5-final.pdf which provides guidance on what must be submitted for grants/cooperative agreements.

1. Your project will involve the collection of groundwater, soil, sediment, surface water, air, biota or fauna samples for chemical or biological analysis.
   Yes ☐ No ☐
2. Your project will use existing computer databases containing analytical data or personal information previously collected.
   Yes ☐ No ☐
3. Your project will use existing historical research pertaining to this project or application. Yes ☐ No ☐
4. Your project will implement deed searches for current property or site.
   Yes ☐ No ☐
5. Your project will conduct medical records search for the population covered in the grant.
   Yes ☐ No ☐
6. Your project will compile meteorological data to determine weather trends or air mixing trends.
   Yes ☐ No ☐
7. Your project will use existing statistical studies or will conduct these studies as part of the project.
   Yes ☐ No ☐
8. Your project will create a new database based on the information gathered.
   Yes ☐ No ☐
9. Your project will use this information for litigation purposes.
   Yes ☐ No ☐
10. Your project will use this information to make recommendations on environmental decisions.
    Yes ☐ No ☐

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Manifest for Grant Application # GRANT13861739

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 22419 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16028 bytes)

2. Form SF424A-V1.0.pdf (size 22656 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40282 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15927 bytes)

5. Form SF424_4_0-V4.0.pdf (size 24000 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37328 bytes)

Attachments Included in Zip File (total 3):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-BCC attachments-EPA-OEJECR-OCS-23-01.pdf application/pdf (size 2368743 bytes)

2. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-BCC EPA Narrative.pdf application/pdf (size 1642560 bytes)

3. SF424_4_0 SF424_4_0-1236-Project Location.pdf application/pdf (size 27829 bytes)

Brooklyn Communities Collaborative: Health + Wealth Domain

Project Location: Brooklyn, New York - Neighborhoods and ZIP Codes

Bedford-Stuyvesant
11205
11206
11216
11221
11238

Brownsville
11212
11233

East New York
11207
11208
11239

Canarsie
11236

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	EPA-R-OEJECR-OC	$	$	$ 164,071.05	$ 0.00	$ 164,071.05
2.						
3.						
4.						
5. Totals		$	$	$ 164,071.05	$ 0.00	$ 164,071.05

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1)	(2)	(3)	(4)	Total (5)
	ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	N/A	N/A		
a. Personnel	$ 15,200.00	$	$	$	$ 15,200.00
b. Fringe Benefits	2,198.00				2,198.00
c. Travel	500.00				500.00
d. Equipment	0.00	0.00	0.00		0.00
e. Supplies	16,000.00				16,000.00
f. Contractual	22,000.00				22,000.00
g. Construction	0.00	0.00	0.00		0.00
h. Other	93,257.50				93,257.50
i. Total Direct Charges (sum of 6a-6h)	149,155.50	0.00	0.00		$ 149,155.50
j. Indirect Charges	14,915.55				$ 14,915.55
k. TOTALS (sum of 6i and 6j)	$ 164,071.05	$ 0.00	$ 0.00	$	$ 164,071.05
7. Program Income	$ 0.00	$ 0.00	$ 0.00	$	$ 0.00

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	$ 0.00	$ 0.00	$ 0.00	$ 0.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$ 0.00	$ 0.00	$ 0.00	$ 0.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 164,071.04	$ 41,017.76	$ 41,017.76	$ 41,017.76	$ 41,017.76
14. Non-Federal	$ 0.00	0.00	0.00	0.00	0.00
15. TOTAL (sum of lines 13 and 14)	$ 164,071.04	$ 41,017.76	$ 41,017.76	$ 41,017.76	$ 41,017.76

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	$ 168,581.05	$ 166,788.05	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 168,581.05	$ 166,788.05	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges:

23. Remarks:

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APPENDIX G EJCPS Detailed Budget

For this CPS project the Cooperative de Servicos Profesionales (COSPRO) a non-for-profit and Comité Pro-Desarrollo De Maunabo, Inc (COMITE) a community-based organization have formed a partnership to address the community's local environmental and public health issues in the municipality of Maunabo, Puerto Rico.

Item	Description	Total for Three Years
Personnel	Project Manager@$15,200.00 @ 20 % of time on project = 8 hours x $38.00 x 50 weeks=$15,200.00 x three years = $45,600.00	$45,600.00
Fringe Benefits	All persons working with professional contracts are required by State law to pay 11.5 % in tax. A sum of $1,728.00 per year for a total of $5,244.00 is requested to cover these costs for personal hired project manager. COSPRO provides liability insurance for all personnel participating in implementation of cooperative agreements@$450.00 per year = $1350.00. A total sum of $2,198 x 3 yrs = $6594.00	$6,594.00
Travel	Local mileage for Project Manager and Project Coordinator for partner meetings: 250 miles x .60 c = $150 Per diem @ $35 for 10 days = $350.00 Total $500 x 3=$1,500.00 for three years	$1,500.00
Equipment	0	
Supplies	YR1= **$16,000** 40 Fitbits for participant to monitor physical activity @$60=$2,400.00 40 Omni shade hats@$20 ea.= $800.00 40 Individual Bird Guides $7= $280 25 plant field guides@$22=$550.00 25 binoculars@$50ea = $1,250.00 One workstation including chair for Project Coordinator $1,500.00 One laptop for Project Coordinator =$1,200.00 Remodel Conference Room for meetings, educational workshops and public health seminars Chairs@$60 x 40 chairs=$2,400.00; Tables @$100x10 tables=$1,000.00 Audio visual projector with Wi-Fi and HDMI connection for laptop and speakers $2,400 Miscellaneous supplies include office materials for staff, supplies for workshops, materials for publicity and education @ $2,220.00 for YR 1 **YR 2= $8000.00** 60 Fitbits for participant to monitor physical activity @$60=$3,600.00	$29,870.00

	60 Omni shade hats@$20 ea.= $1,200 60 Individual Bird Guides $7= $420.00 25 binoculars@$50ea = $1,250.00 Miscellaneous supplies include materials for staff, for workshops, materials for publicity and educational materials @ $1530.00 for YR 2 **YR 3 = $5,870.00** 60 Fitbits for participant to monitor physical activity @$60=$3,600.00 60 Omni shade hats@$20 ea.= $1,200 60 Individual Bird Guides $7= $420.00 Miscellaneous supplies include materials for staff, for workshops, materials for publicity and educational materials @ $650.00 for YR 3	
Contractual	One (1) Health care provider (HCP) for workshops/seminars will be hired for the *Understanding your illness* Module. 3 seminars/workshops per 12-week program and 1 closing meeting @ 4 activities x 5hrs x $50 = $1,000 per session. YR 1: 2 sessions of 12-week program @$1,000 x 2= *$2,000.*; YR 2 & 3: 3 sessions of 12-week program@ $1,000 x 3= $3,000 x 2 =$*6,000.00*. For a sum of **$8,000** for three years One nutritionist/dietitian will be hired for 3 seminars/workshops per 12-week program and 1 closing activity @ 4 activities x 5hrs x $50 = $1,000 per session YR 1= *$3,000.00*: 2 sessions of 12-week program @$1,000 x 2= $2,000. In addition, 20 hours will be paid for YR 1 to develop 7-day menu plans for persons with chronic illness ($50 x 20hrs = $1000.00); YR 2 & 3: 3 sessions of 12-week program@ $1,000 x 3= $3,000 x 2 =$*6,000.00*. For a sum of **$9,000** for three years One (1) Wellbeing and mental health consultant (WC) will be hired for 3 seminars/workshops per 12-week program and 1 closing activity @ 4 activities x 5 hrs. x $50 = $1,000 per session. In addition, the consultant will provide support after activities through follow-up calls and text messages with iNature program participants. YR 1= *$3,000.00* : 2 sessions of 12-week program @$1,000 x 2= $2,000 and 20 hours of motivational engagement ($50 x 20hrs= $1,000.00) ; YR 2 *$4,500.00*: 3 sessions of 12-week program@ $1,000 x 3= $3,000, 00 and 30 hours of motivational engagement ($50 x 30 Hours= $1,500.00) and	$71,500.00

	YR 3 *$5,000.00*: 3 sessions of 12-week program@ $1,000 x 3=$3,000, 40 hours of motivational engagement ($50 x 40 Hours= $2,000.00). For a sum of **$12,500** for three years. National Association Interpretation and CPR Trainer to certify two educational nature guides and 3 community members. A sum of $3,000.00 is requested annually @ $350 paid for course materials and certification x 5 persons ($350 x 5 = $1,750.00) and a NAI Trainer will be hired at $25 x 50 hours = $1,250.00. A total sum of **$9,000.00** is requested for three years. One Media and publicity company for the development and publication of recruit publicity and audio-visual products documenting activities of the annual 12-week iNature program. A sum of $3,000.00 is requested annually for a total of **$9,000.00** over three years. An accountant@$20/hour@2 hours a week 25 weeks per year =$1,000.00 x 3 = **$3,000.00** for three years. They will manage all transactions for the EPA EJ proposal and prepare financial documents for COSPRO & COMITE Boards and external COSSEC audits. An External Evaluator will be hired to ensure compliance and progress of project objectives, milestones and timeline. She will complete and present the formative and summative evaluation to the Boards of COSPRO, COMITE, ADVISORY BOARD and EPA @$7,000 per year x 3 = **$21,000.00** for three years	
Construction	0	
Other Subaward	The COMITE will receive a total of **$298,927.50** for the three years through a subaward contract with COSPRO. YR 1 = **$93,257.50** Salary = $ 61,325.00, Travel = $500.00; Consultant $5,500.00, Participant Support = $19,200.00 for 40 participants; Indirect Costs excluding participant support costs= $6732.50 YR 2 = **$102,857.50** Salary = $ 61,325.00, Travel = $500.00; Consultant $5,500.00, Participant Support = $ 28,800.00 for 60 participants ; Indirect Costs excluding participant support costs = $6,732.50	$298,972.50

	YR 3 = **$102,857.50** Salary = $ 61,325.00, Travel = $500.00 ; Consultant $5,500.00, Participant Support = $ 28,800.00 for 60 participants ; Indirect Costs excluding participant support costs = $6,732.50	
Total Direct Costs	YR1 $149, 155.50 YR2 $153,255.50 YR3 $151,625.50	$ 454, 036.50
Indirect Costs	Since COSPRO does not have a negotiated rate, 10 % was calculated on direct costs @ $ 454, 036.50 for a sum of **$ 45,403.65** for three years. YR 1 =Total Direct Costs $149, 155.50 x .10 = $14,915.55); YR 2 = Total Direct Costs $153,255.50 x .10 = $15,325.55; YR 3 = Total Direct Costs $151,625.50 x.10 = $15,162.55.	$ 45,403.65
Total		$499,440.15

Budget Narrative

Personnel: $45,600.00

The COSPRO board is responsible for the effective execution and compliance of the iNature project. Ms. Dayamiris Candelario Maysonet will be hired as Project Manager (PM) by COSPRO for 20% of TE for project implementation. She will be responsible for 1) Completing the legally binding documents between COSPRO and COMITE and oversee the subaward compliance criteria and 2) Development and posting the Title IX policies for INature project and ensure all project staff are trained on compliance and grievance procedures, 3) Contract negotiations with Board of COSPRO for professional services and 4) ensure all materials and supplies are allowable and are used exclusively aligned to the objectives of the iNature program. She will work with COSPRO Board for timely withdraws through the EPA project management system and ensure timely payments to staff and contractors. She will be responsible for working with all stakeholders, partners, and collaborators to ensure proposed goals and objectives are completed according to the timetable. She will oversee project programmatic and financial operations together with the Project Coordinator hired by COMITE. She will coordinate the formative and summative evaluations with contractors and ensure dissemination of recruitment and project activities in project social media pages. She will report monthly project progress to the boards of COSPRO and COMITE and submit reports to COSPRO Board according to EPA reporting requirements. She will be responsible for working with the accountant for external financial audits and fiscal closeout. A sum of $15,200.00 is requested per year for the salary of Ms. Caledron Maysonet (8hrs a week x 50 weeks x $38.00/hr = **$15,200.00 x 3 years = $45,600.00**).

Fringe Benefits: **$6594.00.**

A sum of $1,728.00 per year (calculated at 11.5 % of salary) for a total of $5,244.00 is requested to cover state tax for the hired project manager. COSSEC also requires liability insurance for all

personnel participating in implementation of cooperative agreements@$450.00 per year = $1350.00. A total sum of $2,198 x 3 yrs = **$6594.00.**

Travel: $1,500.00

Local mileage for Project Manager to attend partner meetings: 250 miles x .60 c = $150, Per diem @ $35 for 10 days = $350.00. Total $500 x 3=$1,500.00 is requested for three years

Material and supplies $29,870.00.

To achieve the objective of increasing physical activities to improve chronic illness we will supply participants with materials and supplies that will assist in the documentation of their PA for the grant period and provide 160 participants protective gear such as hats to walk within the Reserve. We request funds to update the chairs and tables in the Visitors center to be comfortable for participants with disabilities to participate in 3–4-hour activities. A new audio-visual center is requested to replace the olde system that does not allow wireless or HDMI connection, which many of our consultants require for their planned activities. The COMITE will provide office space for the project staff, therefore office workstation and laptop is requested for planning, coordinating and documenting project activities. Material and supplies are requested to develop engaging activities within the 12-week iNature program such as yoga mats, binoculars, field guides for plants and birds, waterproof waders, labels for trees, cards, chess and picture boards.

A sum of **$16,000 is requested for YR 1 for** 40 Fitbits for participant to monitor physical activity @$60=$2,400.00, 40 Omni shade hats@$20 ea.= $800.00, 40 Individual Bird Guides $7= $280, 25 plant field guides@$22=$550.00, 25 binoculars@$50ea = $1,250.00, One workstation including chair for Project Coordinator $1,500.00, One laptop for Project Coordinator =$1,200.00, Remodel Conference Room for meetings, educational workshops and public health seminars Chairs@$60 x 40 chairs=$2,400.00; Tables @$100x10 tables=$1,000.00, Audio visual projector with Wi-Fi and HDMI connection for laptop and speakers $2,400,Miscellaneous supplies include office materials for staff, supplies for workshops, materials for publicity and education @ $2,220.00 for YR 1.

A sum of **$8000.00 is requested for YR2 for** 60 Fitbits for participant to monitor physical activity @$60=$3,600.00, 60 Omni shade hats@$20 ea.= $1,200, 60 Individual Bird Guides $7= $420.00, 25 binoculars@$50ea = $1,250.00, Miscellaneous supplies include materials for staff, for workshops, materials for publicity and educational materials @ $1530.00 for YR 2.

A sum of $6,500.00 is requested for YR 3 for 60 Fitbits for participant to monitor physical activity @$60=$3,600.00, 60 Omni shade hats@$20 ea.= $1,200, 60 Individual Bird Guides $7= $420.00-Miscellaneous supplies include materials for staff, for workshops, materials for publicity and educational materials @ $1280.00 for YR 3.

Equipment: No equipment will be purchased

Consultants $71,000.00

It is well documented that physical activity (PA) improves chronic illness symptoms, and that getting participants to increase their PA requires a multidisciplinary approach (CDC, 2022). The

iNature planning team consisting of COSPRO and COMITE members, health care providers and wellbeing experts identified several activities for the following components:1) Education and Support for People with Chronic Illness - Workshops, seminars, strengthening community participation and resilience; support for developing PA habits with peer support, create a PA community within the Punta Tuna Reserve; 2) Planning and developing Community-Based Activities- Nature walks, bird watching and tree planting; and 3) Tools and Resources-Nutrition plans, educational materials for walking in Nature, educational materials for managing and improving chronic illness during and after natural disasters such as Hurricanes. To develop the above components and activities iNature project will hire several consultants. The COMITE and COSPRO have identified several consultants already working in the southeast region of Puerto Rico who are available to provide services to participants within the iNature program.

A. A sum of **$29,500.00** is requested for the services of a health care provider, well-being and mental health consultant, and a nutritionist. Table 1 below is a summary of the services they will provide to the 12-week iNature program over a three-year period.

One (1) Health Care Provider: During and after Hurricanes Irma and Maria and COVID 19 chronic illness patients had no or limited access to their health care provider. Therefore, we will hire a health care consultant to provide chronic illness participants with the tools they and their families require to better manage their illness and to increase their survival during and after natural disasters. We request a sum of $8,000 for a health care consultant to provide workshops over three years (3 per year) to help participants understand their illness and the importance of physical activities in improving their well-being. The health care provider selected will be required to have experience working in the underserved low-income communities. A total sum of $8,000 is requested for three years (see table below for details on activity schedule)

One (1) Wellbeing and mental health consultant Dr. Hernandez has committed to working on the iNature project (*see letter*). She has been providing clinical services for the past 10 years in the neighboring municipality Guayama. She works with clients who are from underserved communities and low income who have been impacted by Hurricanes Maria and Irma. She will provide motivational seminars and workshops to increase participation engagement in the iNature Project. She will provide a further 6 months follow-up calls and send text messages to participants to provide mental health support required for continued improvement of physical activities and engagement in the iNature program activities. A sum of $12,500.00 is.

One (1) Nutritionist/Dietitian will be hired to develop workshops and seminars on healthy nutrition habits and help create a meal plan for participants with low incomes. We know that generalized commercial nutrition plans do not react the same for different populations. Therefore, the Nutritionist/Dietitian will be hired to develop menu plans based on the needs of our participants. A sum of $9000,00 is requested for three years to cover the costs of training, development of nutrition plans and development of snacks plans for nature walks.

Table 1: Summary of costs for consultants for the 12-week iNature program

		Year 1		Year 2			Year 3		
Time	iNature Activities	**Group 1 (Mar-May)**	**Group 2 (Aug-Oct)**	**Group 1 (Dec-Feb)**	**Group 2 (Mar-May)**	**Group 3 (Aug-Oct)**	**Group 1(Dec-Feb)**	**Group 2 (Mar-May)**	**Group 3 (Aug-Oct)**
Week 1	Welcome-Consent	iNature staff, COSPRO, COMITE	iNature staff, COSPRO, COMITE	iNature staff, COSPRO, COMITE	iNature staff, COSPRO, COMITE	iNature staff, COSPRO, COMITE	iNature staff, COSPRO, COMITE	iNature staff, COSPRO, COMITE	iNature staff, COSPRO, COMITE
Week 2	Health care and Nature Immersion	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250
Week 3	Mental Health and Nature Immersion	5hr x $ 50= $250 and 10 hours participant follow up and motivation= $500.00	5hr x $ 50= $250 and 10 hours participant follow up and motivation= $500.00	5hr x $ 50= $250 and 10 hours participant follow up and motivation= $500.00	5hr x $ 50= $250 and 10 hours participant follow up and motivation= $500.00	5hr x $ 50= $250 and 10 hours participant follow up and motivation= $500.00	5hr x $ 50= $250 and 10 hours participant follow up and motivation= $500.00	5hr x $ 50= $250 and 15 hours participant follow up and motivation= $750.00	5hr x $ 50= $250 and 15 hours participant follow up and motivation= $750.00
Week 4	Nutrition and Nature Immersion	5hr x 50=250 and 10 hours for development of menu plan $500.00	5hr x 50=250 and 10 hours for development of menu plan $500.00	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250
Week 1	Health care and Nature Immersion	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250
Week 2	Mental Health and Nature Immersion	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250
Week 3	Nutrition and Nature Immersion	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250
Week 4	Health care and Nature Immersion	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250
Week 1	Mental Health and Nature Immersion	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250
Week 2	Nutrition and Nature Immersion	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250	5hr x $ 50 = $250
Week 3	Nature Walk								
Week 4	Closing and Evaluation	Health Care = $250; Well being = $250, Nutritionist = $250	Health Care = $250; Well being = $250, Nutritionist = $250	Health Care = $250; Well being = $250, Nutritionist = $250	Health Care = $250; Well being = $250, Nutritionist = $250	Health Care = $250; Well being = $250, Nutritionist = $250	Health Care = $250; Well being = $250, Nutritionist = $250	Health Care = $250; Well being = $250, Nutritionist = $250	Health Care = $250; Well being = $250, Nutritionist = $250
	20 participants	20 participants	20 participants	20 participants	20 participants	20 participants	20 participants	20 participants	20 participants
Total by session		$ 4,000.00	$ 4,000.00	$ 3,500.00	$ 3,500.00	$ 3,500.00	$ 3,500.00	$ 3,750.00	$ 3,750.00
Total for 12-wk program consultants								160 participants	**$ 29,500.00**

B. One (1) Nature Guide Trainer- A National Association for Interpretation, certified Trainer, will be hired as Nature Guide Trainer 1) to create educational content and materials for the nature walks in the Reserve that integrate well-being and health activities (yoga, meditation) into the nature walks. The nature walks will include to see (visual elements to attract people), to touch (flowers, trees, medicinal plants), to exercise (to walk, lower blood pressure, fresh air), to sit (benches, large rocks, gazebos), to meet (connect with family or friends in a local common space), to talk (share stories, pictures, photos, express difficulties or challenges), to smell (soils, flowers, trees), to listens (birds, insects, frogs), to play (cards, chess, dominoes), to eat (snacks, healthy lunches) and other activities; 2) Train and certify two (2) nature guides and three (3) community members to offer nature walks to 160 participants within the Reserve according to the physical and health abilities. The trainer hired will have experience training community members, university and high school students in obtaining and maintaining their nature guide certificates. A sum of $3,000.00 is requested annually (@ $350 paid for course materials and certification x 5 persons = $1,750.00 and a NAI Trainer will be hired at $25 x 50 hours = $1,250.00 =$3,000.00). A total sum of **$9,000.00** is requested for three years.

One (1) Publicity Consultant will be hired to develop and implement a publicity campaign for recruitment of participants from the community and dissemination of project activities and achievements in the COMITE social media accounts, local radio and newspapers and cross street banners each in community and vehicle megaphone. The consultant will be responsible for working with the project team and advisory committee in developing a project logo that resonates with community vision. They will develop content for digital and paper flyers for recruitment and dissemination of project activities and meetings. Our experience showed that these media mechanisms are effective in community outreach. The media company hired will have experience working with community-based campaigns and will develop a wide range of media products that will ensure the iNature project is inclusive and diverse. A sum of **$9,000.00** is requested for three years @ $3,000.00 per year.

A qualified accountancy firm will be hired to audit the use of EJCPS funds by the project Team to ensure compliance with State and Federal regulations. They will manage all transactions for the EPA EJ proposal and prepare financial documents for COSPRO & COMITE Boards and external COSSEC audits. A sum of **$3,000.00** is requested for this service @ $1,000.00 annually.

Ms. Gabriel Haynes will be hired as the external evaluator. She will be hired to ensure compliance and progress of project objectives, milestones and timeline. She will complete and present the formative and summative evaluation to the Boards of COSPRO, COMITE, Advisory Board and EPA Program Officer @$7,000 per year x 3 = **$21,000.00** for three years.

OTHER

Collaborative problem-solving involves the establishment and/or maintenance of partnerships between and among other stakeholders and the underserved community to address the community's local environmental and/or public health issues. Partnerships may be financial, such as a partnership of community-based nonprofit organizations that apply for a CPS cooperative agreement, or non-financial such as cooperative relationships among stakeholders that do not involve subawards of EPA funding.

The partnership between members of COSPRO and COMITE for the past twenty years has been non-financial and collaborative. For this iNature program COSPRO and COMITE will enter a financial partnership to address the community's' environmental and public health issues by addressing environmental injustices in low income underserved communities in the municipality of Maunabo. COMITE will be the subrecipient of **$298,927.50** for the operationalization of the iNature project in the Punta Tuna Nature Reserve. Attached is the detailed budget and justification of this subaward. A sum of $93,257.50 for YR 1, $102,857.50 for YR2 and $102,857.50 for YR 3 is requested by the COMITE for three years.

TOTAL DIRECT COSTS:

YR1: $149,155.50 + YR2:153,255.50 + YR3: $151,625.50 = **$454,036.50**

INDIRECT COSTS: 10 % of Total Direct Costs:

YR1: $14,915.55 + YR2:15,325.55 + YR3: $15,162.55 = **$45,403.65**

TOTAL PROJECT

YR 1: $164,071.05 + YR 2: $168,581.05 + YR 3 $166,788.05 = **$499,440.15**

SUBWARD BUDGET DETAILS FOR COMITE

Item	Description	Total for Three Years
Personnel	Project Coordinator@ $25,000.00 annually $25/hr x 20 hrs/week/50weeks of time on project = **$75,000.00** for three years Two Nature guides@$15,000.00 each $15 x 20 hrs/week/50weeks of time on project = $45,000.00 for three years x 2 guides = **$90,000.00**	$165,000.00
Fringe Benefits	All persons working with professional contracts are required by State law to pay 11.5 % in tax. A sum of $6,325.00 per year for a total of $18,975.00 is requested to cover these costs for personnel hired.	$18,975.00
Travel	Local mileage for Project Coordinator for partner meetings: 250 miles x .60 c = $150 Per diem @ $35 for 10 days = $350.00 Total $500 x 3=$1,500.00 for three years	$1,500.00
Equipment	0	
Supplies	0	
Contractual	One (1) Consultant for design, installations and maintenance of signage for persons with disabilities and chronic illness. A sum of $1,000 x 3 years =$3,000 for three years. One (1) consultant will be hired to rehabilitate the current trails for off-road wheelchair access and reforest areas destroyed by the Hurricanes. A sum of $4,500.00 is requested annually for three years for total of $13,500.00.	$16,500.00
Construction	0	
Direct Costs	Total Director costs before Participant Support Costs. YR 1: $67, 325.00 YR 2: $67, 325.00 YR 3: $67, 325.00	$201,975.00
Indirect Costs	COMITE does not have a current negotiated indirect cost rate, a *de minimis* rate of 10% is applied to direct costs not including funds requested for participant costs. YR1 $6,732.50 YR 2 $6,732.50 YR3 $6,732.50	$20, 197.50
Other Reserve Entrance Fees	**Participant Support** YR 1 $19,200.00 YR 2 $28,800.00 YR 3 $28,800.00 160 participants = **$76,800.00** YR1= $20 x 20 participants x 12-weeks x 2 sessions =$9,600.00 (40 participants)	$76,800.00

	YR 2 = $20 x 20 participants x 12-weeks x 3 sessions= $14,400.00 (60 participants) YR 3 =$20 x 20 participants x 12-weeks x 3 sessions= $14,400.00 (60 participants)	
Travel	To increase accessibility to physical activities and increase visitors in the nature reserve participants will be provided a stipend for transportation. A sum of **$19,200.00** is requested for three years. YR1: 40 participants will receive $10 ea for transport per 12 activities they will participate in@ 40 x 10x 12 =$4,800.00. YR2: 60 participants will receive $10 ea for transport per 12 activities they will participate in@ 60 x 10x 12 =$7,200.00. YR3: 60 participants will receive $10 ea for transport per 12 activities they will participate in@ 60 x 10x 12 =$7,200.00.	
Snacks	To ensure participants learn about healthy eating choices snacks and water will be provided to them during their nature immersion activities. The snacks menu will be developed by the nutritionist/dietitian. A sum of **$19,200.00** is requested for three years. YR1: 40 participants will receive snacks valued at $10 ea per 12 activities they will participate in@ 40 x 10x 12 =$4,800.00. YR2: 60 participants will receive snack valued $10 ea per 12 activities they will participate in@ 60 x 10x 12 =$7,200.00. YR3: 60 participants will receive snack valued $10 ea per 12 activities they will participate in@ 60 x 10x 12 =$7,200.00.	
Total Costs	Total Direct Costs + Participant Costs + Indirect Costs YR1: $67, 325.00 + $19,200.00 +$6,732.50 = $93,257.50 YR 2: $67, 325.00 + $28,800.00+$6,732.50 = $102,857.50 YR 2: $67, 325.00 + $28,800.00+$6,732.50 = $102,857.50	$298,972.50

BUDGET JUSTIFICATION

Personnel: $165,000.00

The COMITE will recruit Dr. Edwin Crepso to coordinate the iNature Project. He will be responsible for the implementation of the financial and programmatic activities for improving physical activities (PA) for participants with chronic illness. Dr. Crepso was specifically selected by COMITE as he is a community leader who has been collaborating with the reserve as a volunteer nature guide for the past 5 years. He has vast managerial experience with federal projects through the Department of Education in professional development and outreach. As an science educator he has worked with teachers and schools throughout the south-east region of Puerto Rico,

including Muanabo. He will be responsible for 1) Organize and coordinate all meetings for the project, 2) assist PM in hiring of Nature Guides & Consultants 3) Supervise Nature Guides and consultants during the 12-week program 4) Participate in the development and implementation of the publicity campaign for recruitment and dissemination of achievements; 5) Administer participate satisfaction surveys 6) Display and orientate personnel and participants of Title IX process and guidelines 7) Provide PM information for invoicing and monthly reports to Boards of COSPRO and COMITE 8) Maintain communication with PM and advisory committee about project progress, achievements and challenges in timely manner, 9) Participate in meetings with partners and collaborators, 10) Maintain office hours at the Visitors Center in the Reserve. A sum of $25,000.00 is requested annually to pay Dr. Crespo: $25/hr. x 20 hrs./week/50weeks of time = $25,000.00 x 3 on project = **$75,000.00** for three years.

Two (2) Nature guides will be hired to provide guided nature walks with the Reserve during the 12-week program. Each guide will offer 6 activities within the Reserve. Once hired they will certify as NAI environmental educators and work with consultants (NAI Trainer, Health Care Provider, Well-being Provider and Nutritionist/Dietitian to develop a culturally relevant Physical Activities Program. The nature guides will be recruited from the pool of community members who volunteer in the reserve. A sum of $**90,000.00** is requested for three years ($15,000.00 each is $15 x 20 hrs./week/50weeks of time on project x 3 year = $45,000.00 x 2 guides =$90,000.00).

Fringe Benefits: $18,975.00

State requires the employer to retain 11.5 % tax for personnel. Total salary $55,000.00 x 11.5% =$6,325.00 per year. A sum of **$18,975.00** is requested for three years.

Travel: $1,500.00

Local mileage for Project Manager to attend partner meetings: 250 miles x .60 c = $150, Per diem @ $35 for 10 days = $350.00. Total $500 x 3= **$1,500.00** is requested for three years

Consultants $16,500.00

Literature shows that a well-maintained, peaceful and attractive environment with established trees, gardens and birdlife; seating[1]; pleasant paths; toilets; cafés; water features; shade/shelter; facilities for grandchildren; and the presence of other people are features most valued for physical activity. Features most valued for social interaction included picnic/barbecue facilities, organized events, a café and aesthetics[2] The current trail system is adapted for blind persons but does not include features for persons who have challenges with PA. A consultant will be hired to improve the trail design and signage within the Reserve to accommodate people with chronic illness. The consultant will identify areas for additional natural features and provide recommendations for resting places and meeting areas along trails for sharing and talking. These well-placed and

[1] Bernacki (2021) https://www.linkedin.com/pulse/how-design-parks-inclusive-seniors-elderly-like-idea-factory-ed?trk=read_related_article-card_title

[2] Jenny Veitch, Elliott Flowers, Kylie Ball, Benedicte Deforche, Anna Timperio (2020) Designing parks for older adults: A qualitative study using walk-along interviews. Urban Forestry & Urban Greening, Volume 54, 2020, https://doi.org/10.1016/j.ufug.2020.126768.

relevant features and signage will allow participants to complete the 12-week program and increase their PA activities in the Reserve. Also, signage will allow participants to continue with their PA goals without the guidance of a nature guide thus reducing their cost of entrance to the Reserve. A sum of $5,500.00 x 3 years = **$16,500.00** requested for three years.

SUBTOTAL : YR 1 $67,325.00 + YR 2 = $67,325.00 + YR 3 = $67,325.00 = **$201,975.00**

Participant Support Costs ($76,800.00)

During the annual meeting with Board of COMITE and community members on 11 March 2023, the following concerns/barriers were discussed for the effective engagement of participants in the iNature project 1) Lack of Transportation, 2) Motivation, and 3) Additional miscellaneous cost for attendance. Therefore, to address these concerns/barriers in the iNature project, we are requesting a sum of **$76,800.00** for participants costs.

Entrance Fee: The COMITE as part of it co-management agreement currently charges a $20 entrance fee to participants in the reserve, a sum of **$38,400.00** is requested for three years for 160 participants to access the reserve for project activities (YR 1= 40 participants x $20 x 12 activities = $9,600.00; YR 2. 60 participants x $20 x 12 activities = $14,400.00; YR 3. 60 participants x $20 x 12 activities = $14,400.00 = $38,400.00).

Snacks: To ensure all participants can safely participate in PA in the Reserve, funds are required to provide them with healthy snacks and water during the nature walks. A sum of **$19,200.00** is requested for three years for 160 participants x $10 ea. (YR 1= 40 participants x $10 x 12 activities = $4,800.00; YR 2. 60 participants x $10 x 12 activities = $7,200.00; YR 3. 60 participants x $10 x 12 activities = $7,200.00 = $19,200.00).

Transportation: To ensure high retention of participants, stipends for transportation will be provided to 160 participants for the 12-week program. A sum of **$19,200.00** is requested for three years for 160 participants x $10 ea. (YR 1= 40 participants x $10 x 12 activities = $4,800.00; YR 2. 60 participants x $10 x 12 activities = $7,200.00; YR 3. 60 participants x $10 x 12 activities = $7,200.00 = $19,200.00).

SUBTOTAL : YR 1 $67,325.00 + YR 2 = $67,325.00 + YR 3 = $67,325.00 = **$201,975.00**

PARTICIPANT : YR1 = $19,200.00 + YR2 = $28,800.00 +YR3 =$28,800.00 = **$76,800.00**

INDIRECT COST: YR1 6,732.50 + YR2 6,732.50 + YR3 6,732.50 = **$20,197.50** (10 % OF SUBTOTAL)

TOTAL SUB-AWARD: SUBTOTAL + PARTICIPANT+INDIRECT= $298,972.50

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-Appendix G Detailed Budget_COSPRO.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-Project_Narrative.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

Office of Environmental Justice and External Civil Rights
Quality Assurance Project Plan Requirement (QAPP)

Check Yes or No for each of the items provided below as it applies to your specific project. If you answered **YES** to any of the items listed above, you are **REQUIRED TO SUBMIT** a Quality Assurance Project Plan in accordance with EPA Requirements and an approved QAPP must be in place ***prior*** to the initiation of activities.

You will be contacted with information on how to prepare your QAPP. In the meantime, please visit the website https://www.epa.gov/sites/default/files/2015-06/documents/g5-final.pdf which provides guidance on what must be submitted for grants/cooperative agreements.

1. Your project will involve the collection of groundwater, soil, sediment, surface water, air, biota or fauna samples for chemical or biological analysis.
   Yes ☐ No X

2. Your project will use existing computer databases containing analytical data or personal information previously collected.
   Yes ☐ No X

3. Your project will use existing historical research pertaining to this project or application.
   Yes ☐ No X

4. Your project will implement deed searches for current property or site.
   Yes ☐ No X

5. Your project will conduct medical records search for the population covered in the grant.
   Yes ☐ No X

6. Your project will compile meteorological data to determine weather trends or air mixing trends.
   Yes ☐ No X

7. Your project will use existing statistical studies or will conduct these studies as part of the project.
   Yes ☐ No X

8. Your project will create a new database based on the information gathered.
   Yes ☐ No X

9. Your project will use this information for litigation purposes.
   Yes ☐ No X

Your project will use this information to make recommendations on environmental decisions.

Yes ☐ No X

CERTIFICATE OF EXISTENCE

I, **Omar J. Marrero Díaz, Secretary of State** of the Government of Puerto Rico,

CERTIFY: That according to our records **COOPERATIVA DE SERVICIOS PROFESIONALES (COSPRO)**, with registration number **576**, is a **domestic non-profit consumer cooperative** organized on **October 4, 2007**.

IN WITNESS WHEREOF, the undersigned by virtue of the authority vested by law, hereby issues this certificate and affixes the Great Seal of the Government of Puerto Rico, in the City of San Juan, Puerto Rico, today, **April 8, 2023.**

Omar J. Marrero Díaz
Secretary of State

To validate this certificate go to: https://estado.pr.gov/

This certificate can be validated an unlimited number of times before its expiration date of 07-Apr-2024.

Certificate Validation Number: **535760-71678773**

CERTIFICATE OF EXISTENCE

I, **Omar J. Marrero Díaz, Secretary of State** of the Government of Puerto Rico,

CERTIFY: That according to our records **COMITÉ PRO DESARROLLO DE MAUNABO, INC**, with registration number **29361**, is a **domestic non-profit corporation** organized on **February 18, 1997**.

This certification does not certify that this corporation has filed its annual reports, pursuant to the requirements of the General Corporations Law, as amended. If you need to know if such reports have been filed, you must request a Certificate of Good Standing.

IN WITNESS WHEREOF, the undersigned by virtue of the authority vested by law, hereby issues this certificate and affixes the Great Seal of the Government of Puerto Rico, in the City of San Juan, Puerto Rico, today, **April 8, 2023.**

Omar J. Marrero Díaz
Secretary of State

To validate this certificate go to: https://estado.pr.gov/

This certificate can be validated an unlimited number of times before its expiration date of 07-Apr-2024.

Certificate Validation Number: **535721-27339029**

Logic Model for EJCPS iNature Project

Resources/ Inputs	**Activities**	**Outputs**	**Audience**	**Short-term Outcomes** (6-12 months)	**Intermediate Outcomes** (12-24 months)	**Long-term Outcomes** (2+ years)
Long (20yrs) historical relationship between partnering Board members of COSPRO & Board members of COMITE Proprietary knowledge of working with low income underserved communities. Established & Audited Financial Processes and Management.	Design and develop 12-week iNature program. Develop and implement communication campaign to recruit 160 participants from communities. Develop Consent of participants to comply with HIPAA regulations. Design and develop culturally relevant 18 educational and immersion activities for:	Finalized Conceptual framework of iNature Program Posters, Flyers, Radio Announcement, Newspaper articles, social media posts, uploads and response. Consent Forms that safeguard and protects participants privacy. 3 seminars for family and friends of participants.	Advisory Committee Health Care Consultants General Public Project Participants Project Participants	Draft Framework for nature immersion of persons with chronic illness Recruit 40 participants for iNature 40 participants are informed of HIPAA regulations. 40 participants are satisfied with iNature Activities	Revised and Final framework for iNature program Recruit 60 participants for iNature 60 participants are informed of HIPAA regulations. 60 participants are satisfied with iNature Activities	Institutionalize iNature program in COMITE Recruit 160 participants for iNature 160 participants are informed of HIPAA regulations. 160 participants are satisfied with iNature Activities

Facilities at Casa Verde Visitors Center at Punta Tuna Reserve Technological Infrastructure (Software and Wifi) Partnerships with State, Federal and NGO's (MOU's) Partnerships with schools and Universities (MOU's) Experience with State and Federal funding compliance	-Understand your chronic illness and connecting to nature -Mental Health -Nutrition -Nature Walks	3 Workshops on wellbeing and mindfulness 3 activities of building a heathy menu on a low-income budget 30 days of menus for breakfast, lunch and dinner shared with participants. 9 Nature trails with signage that are aligned to participants capacity and interest				
	Create a Digital support system of Motivational text messages. Create Social media posts of group activities. Develop a Phone call schedule o	Compendium of motivational texts Social media accounts in Facebook, Tic Tok and Snapchat Shared contact information	Project Participants	Send weekly text messages in Spanish to 40 participants developed with well-being consultant Increased community interest in COMITE activities (baseline Facebook 4300 members)	Send weekly text messages in Spanish to 60 participants developed with well-being consultant. Increased community interest in COMITE activities (All social media analytics)	Send weekly text messages in Spanish to 160 participants developed with well-being consultant. Institutionalization of publicity strategies by COMITE 80 % retention (n = 160) of

and reporting platforms. Experience working in multi-disciplinary teams	follow up from nature guides and other participants	directory among participants		80 % retention (n=40) of participants in 12 week program	80 % retention (n = 60) of participants	participants in 12 week program
	Develop and promote calendar of activities to all participants	Sign in sheets to longitudinal track of participant visits to Reserve	Project Participants	50 % of participants and families return to reserve		Increase number of visitors to Reserve (baseline 120)

Manifest for Grant Application # GRANT13860915

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 30845 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16024 bytes)

2. Form SF424A-V1.0.pdf (size 23428 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40324 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15928 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23984 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37380 bytes)

Attachments Included in Zip File (total 10):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-Appendix G Detailed Budget_COSPRO.pdf application/pdf (size 272842 bytes)

2. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-Project_Narrative.pdf application/pdf (size 805858 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1242-Logic Model_iNature.pdf application/pdf (size 85210 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-Federal Compliance.pdf application/pdf (size 666548 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-576 GOODSTANDING DIC22.pdf application/pdf (size 508630 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-Non-for_Profit_Evidence.pdf application/pdf (size 264660 bytes)

7. SF424_4_0 SF424_4_0-1243-Project Location.pdf application/pdf (size 32006 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-Letters of commitment.pdf application/pdf (size 6880925 bytes)

9. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-QAPP_COSPRO.pdf application/pdf (size 38612 bytes)

10. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-Key_personnel CV.pdf application/pdf (size 220149 bytes)

Project Location: Calzada,Emajagua,Lizas,Matuyas Alto,Matuyas Bajo,Maunabo Pueblo, Palo Seco,Quebrada Arenas,Talante and Tumbao in the Municiaplity of Muanabo, Puerto Rico.

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-Budget Clean Air and Healthy Future - Clean a

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-EPA Collaborative Problems Solving Grant - Apr 14

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Clean Air and a Healthy Future for Albany	66.306	$	$	$ 500,000.00	$	$ 500,000.00
2.						
3.						
4.						
5. Totals		$	$	$ 500,000.00	$	$ 500,000.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) Clean Air and a Healthy Future for Albany	(2)	(3)	(4)	Total (5)
a. Personnel	$ 32,760.00	$	$	$	$ 32,760.00
b. Fringe Benefits	5,570.00				5,570.00
c. Travel	0.00				0.00
d. Equipment	0.00				0.00
e. Supplies	3,900.00				3,900.00
f. Contractual	0.00				0.00
g. Construction	0.00				0.00
h. Other	412,500.00				412,500.00
i. Total Direct Charges (sum of 6a-6h)	454,730.00				$ 454,730.00
j. Indirect Charges	45,270.00				$ 45,270.00
k. TOTALS (sum of 6i and 6j)	$ 500,000.00	$	$	$	$ 500,000.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Clean Air and a Healthy Future for Albany	$ 0.00	$ 0.00	$ 0.00	$ 0.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$ 0.00	$ 0.00	$ 0.00	$ 0.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 157,670.00	$ 27,255.00	$ 42,356.00	$ 51,280.00	$ 36,779.00
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 157,670.00	$ 27,255.00	$ 42,356.00	$ 51,280.00	$ 36,779.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Clean Air and a Healthy Future for Albany	$ 189,615.00	$ 152,715.00	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 189,615.00	$ 152,715.00	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: 454730

22. Indirect Charges: 45270

23. Remarks:

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Clean and Healthy New York and partners Clean Air and a Healthy Future for Albany proposal
To the USEPA Funding No. EPA-R-OEJECR-OCS-23-01

EPA EJCPS 23	Description	Year 1 (Nov 23 - Oct 24)	Year 2 (Nov 24 - Oct 25)	Year 3 (Nov 25 - Oct 26)	Total
Personnel	Executive Director @7.5% FTE to oversee project, engage with community partners, support drafting of community priorities Program Associate @10% FTE to provide logistical, writing, website creation, and other project support.	$11,000	$10,880	$10,880	$32,760
Fringe Benefits	Payroll taxes, Health insurance, Retirement fund - 17% of personnel	$1,870	$1,850	$1,850	$5,570
Travel	N/A				$0
Equipment	N/A				$0
Supplies	Materials for Block Greening Competition (plaque, tools, soil) $300/block x 12 blocks for materials, 3 x $100 for plaques	$3,900			$3,900
Contractual	N/A				$0
Other	**AVillage** Innovation Block Ambassadors (24 months x $250/month x 20 people)	$30,000	$60,000	$30,000	$412,500
	Innovation Block Coordinator	$19,000	$27,400	$25,350	
	Executive Director coordination	$15,000	$15,000	$15,000	
	Radix Center				
	Executive Director (Health Impact Assessment, liaison to coordinating group, survey development and analysis)	$10,000	$15,000	$15,000	
	Educator (Coordinate greening project)	$5,000	$5,000	$5,000	
	XRF testing of soil for lead	$5,000			
	Capital Area Urban League (leadership development support to Block Ambassadors, connections to workforce development, coalition organizing support)	$20,000	$16,000	$16,000	
	AHDC costs including Executive Director, Community Organizer, mapping maintenance costs	$17,000	$17,000	$17,000	
	LWVAC inhouse produced materials	$2,000	$1,000	$500	
	Food for "Block Greening" celebration 100 people x $20/person	$2,000			
	Website hosting and domain	$250	$250	$250	
	Printing for promotion and meetings	$1,500	$3,000	$2,000	
Indirect Charges	Rent, phones, bookkeeping, administrative staff to oversee subawards, etc. 10% de minimus rate calculated from Modified total direct costs (excludes food)	$14,150	$17,235	$13,885	$45,270
TOTAL		**$157,670**	**$189,615**	**$152,715**	**$500,000**

Clean Air and a Healthy Future for Albany Logic Model

Resources	Activities	Outputs	Audience	Short-term Outcomes	Intermediate outcomes	Long-term Outcomes
C+H expertise, coordination, administration, materials development **AVillage** staff time, Block Ambassadors (BAs) and Coordinator, regular summer night markets, other events, trust with Ezra Prentice, South End residents **Radix Center** staff time, expertise, space, XRF for lead screenings, Youth Ambassadors, networks, food justice & community gardens, tree planting **CAUL** staff time, organizing training, design of collaborative events, networking **AHDC** staff time, citizen science mapping, network & connections, knowledge of neighborhood needs **NAACP Albany** ability to engage in policy education, research, network **LWVAC** civic engagement training and resources, capacity building **ACPHS** Academic expertise for Health Impact Assessment, student volunteers **TAAACUE** networking, congregations **City of Albany Sustainability** staff time (including Climate fellow) **Albany County** staff time, programs **CDTC** - transportation planning capacity	Block "greening" competition 20 blocks have Ambassadors Monthly coordination meeting with agendas Survey instrument created, administered Agenda developed Compile unified community map and resources: Sharing Info; Feedback from community Education on Advocacy and Organizing Town Halls Citizen Science to map environmental challenges	10-12 of blocks "greening" competitors 20+ trained BAs 10+ trained community members Community members engaged 1-2x/month by BSs: ● Year 1: 2-5 residents/BA ● Year 2: 10-20 residents/BA ● Year 3: 20-40/BA 500+ surveys completed Community EJ Agenda Listserv Hub website with links, maps, calendar 10-20 stakeholders at planning meetings 4+ town hall meetings 4+ sessions Organizing and Advocacy Training Program for Ambassadors plus thematic sessions and issues like voting, at community meetings 6x Outreach Events to include elements of training and education	Residents in all target neighbor-hoods Schools Businesses, Business districts, Neighborhood associations Government: Albany Housing Authority, City of Albany, Albany County Health Department, Albany County, Capital District Transportation Committee, NYS Dept. of Transportation, NYS Dept. of Environmental Conservation, US EPA	Community understands issues in cross-cuttin g context Residents empowered to participate in public processes Residents motivated to engage in public processes Government and businesses aware of community agenda Leveraged coordination increases impact of existing projects	Stakeholders integrate community EJ Agenda in practices & procedures Changes in traffic patterns near Port Efforts to secure zero-emissions vehicles operated by government & businesses in dispropor-tionately impacted communities Policy discussions Plans to assist affected residents	Ezra Prentice residents have lower health impacts Decreased asthma Decreased heart disease Increased resilience to climate change Transit with fewer impacts on community

AVILLAGE

US Environmental Protection Agency
Environmental Justice Collaborative Problem-solving Cooperative Agreement Program
Funding No: EPA-R-OEJECR-OCS-23-01

April 13, 2023

To whom it may concern:

AVillage Inc., a non-profit organization, is pleased to provide this letter of commitment as a partner in Clean and Healthy New York's (C+H) Clean Air and a Healthy Future for Albany, NY project under the US Environmental Protection Agency's Environmental Justice Collaborative Problem-solving Cooperative Agreement Program. We have worked closely with C+H to develop this proposal.

AVillage Inc., looks forward to engaging and empowering community members in the City of Albany's most disproportionately impacted neighborhoods to determine their priorities for environmental health and justice actions and to speak for themselves with elected officials, government agencies, businesses and other NGOs to address the most pressing environmental justice concerns, including air pollution, vehicle traffic, especially in and around the Port of Albany, bulk storage of diesel and other toxic chemicals in the Port and at surrounding businesses, the impact of rail and road traffic on people living in Ezra Prentice housing, and the potential removal of I-787 as an elevated highway.

We bring our experience doing community outreach and engagement, and are prepared to do community outreach and engagement in service of the Clean Air and Healthy Future for Albany, NY project. Specifically, we will:

- Coordinate and Expand Innovation Blocks Program
- Community Engagement
- Use platforms like South End Night Market and other events that create access to important information and resources.

C+H has committed to entering into a partnership agreement for a subaward of $236,750 over the three-year grant period. We understand all work must be performed within those three years, without extension. This project is an outgrowth of many years of work and the collaborative conversations facilitated under US EPA's award to C+H for their EVAAC Project (US EPA EJ Small Grants project).

We are confident that the proposed project will ensure greater cohesion among community members in Albany, greater visibility for the self-identified needs of those disproportionately harmed, and improvements being driven by these priorities being discussed and advanced by community members with elected officials, government agencies, businesses, and industry in Albany, resulting in cleaner air and a healthier future for all.

Sincerely,

Eva Bass
Executive Director

PO BOX 10152, Albany, NY 12201 executive@avillage,org

US Environmental Protection Agency
Environmental Justice Collaborative Problem-solving Cooperative Agreement Program
Funding No: EPA-R-OEJECR-OCS-23-01

April 13th, 2023

To whom it may concern:

The City of Albany's Office of Sustainability is pleased to provide this letter of commitment as a partner in "Clean and Healthy New York's (C+H) Clean Air and a Healthy Future for Albany, NY" project under the US Environmental Protection Agency's Environmental Justice Collaborative Problem-solving Cooperative Agreement Program.

Our office looks forward to supporting efforts to engage and empower community members in the City of Albany's most disproportionately impacted neighborhoods to determine their priorities for environmental health and justice actions and to speak for themselves with elected officials, government agencies, businesses and other NGOs to address the most pressing environmental justice concerns, including air pollution, vehicle traffic (especially in and around the Port of Albany), bulk storage of diesel and other toxic chemicals in the Port and at surrounding businesses, the impact of rail and road traffic on people living in Ezra Prentice housing, and the potential removal of I-787 as an elevated highway.

Our Office currently has two full-time staff, and we are currently looking to hire a full-time Climate Justice Fellow. Our staff will participate in regular "Clean Air and a Healthy Future for Albany" project meetings, taking information developed under this program back to the City of Albany for consideration in our planning. We will also participate in public activities, including town halls and public meetings as well as folding this project into our pre-existing outreach efforts.

Furthermore, our Office is preparing to update Albany's decade-old Climate Action Plan. The knowledge, insights, and information gained through the "Clean Air and a Healthy Future for Albany" collaborations will be invaluable as we engage city residents, business owners and other stakeholders in the coming years.

The outcomes of this project will help our office better understand community needs and priorities, so we can better tailor our work to be aligned with these priorities, resulting in cleaner air and a healthier future for all.

Sincerely,

Jason West
Director of Sustainability
City of Albany

24 Eagle Street, Room 105
Albany, NY 12207
jwest@albanyny.gov

Manifest for Grant Application # GRANT13861149

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 28457 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16053 bytes)

2. Form SF424A-V1.0.pdf (size 23028 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40301 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15927 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23910 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37355 bytes)

Attachments Included in Zip File (total 17):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-AVillage letter of commitment.pdf application/pdf (size 100324 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-AHDC EPA Support letter.pdf application/pdf (size 156553 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-Logic model - EPA Collaborative Problems Solving Grant Apr 14 2023.pdf application/pdf (size 65499 bytes)

4. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-EPA Collaborative Problems Solving Grant - Apr 14 2023.pdf application/pdf (size 609744 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1248-Roberta Wilding Resume 2022.pdf application/pdf (size 127563 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-Budget Clean Air and Healthy Future - Clean and Healthy New York 2023.pdf application/pdf (size 42392 bytes)

7. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1249-IRS Letter of Determination Sept 2014.pdf application/pdf (size 196585 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1246-City Albany Sustainability commitment letter.pdf application/pdf (size 61160 bytes)

9. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1247-NAACP Clean & Healthy NY -Support Ltr.pdf application/pdf (size 193117 bytes)

10. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-2023-04-13 EPA Grant Commitment LWVAC_Final and Signed.pdf application/pdf (size 2057921 bytes)

11. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1242-Clean Air and Healthy Future_ACPHS.pdf application/pdf (size 278630 bytes)

12. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-Radix 2023 commitment letter.pdf application/pdf (size 149634 bytes)

13. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-EPACPS grant - CAUL Commitment Letter_FINALedited.pdf application/pdf (size 119123 bytes)

14. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1245-CDTC CleanAir+HealthyFuture.pdf application/pdf (size 619566 bytes)

15. SF424_4_0 SF424_4_0-1250-Clean Air and A Healthy Future Project location.pdf application/pdf (size 41279 bytes)

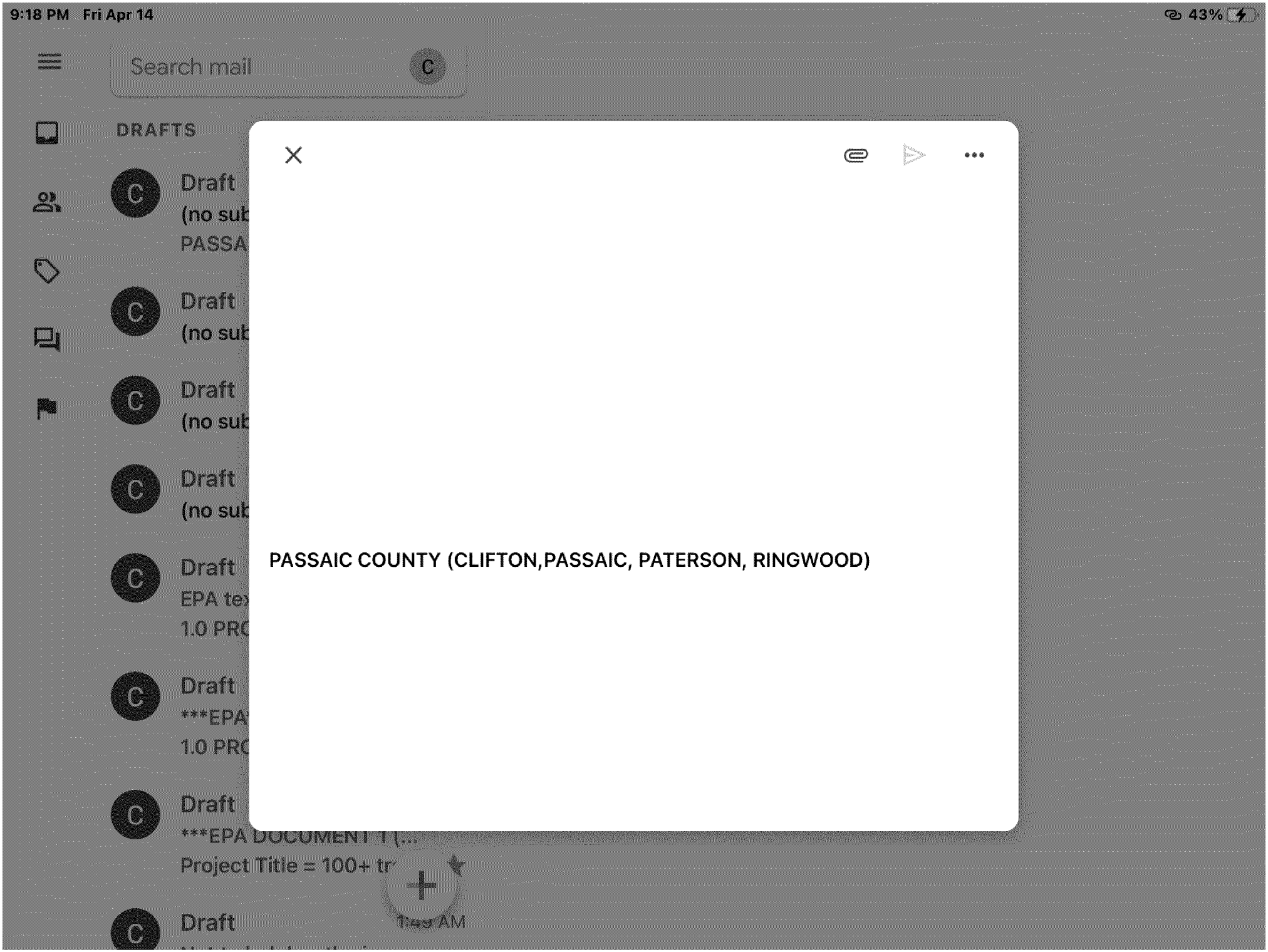
16. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1243-TAAACUFE EPA Grant Commitment Letter_FINAL.pdf application/pdf (size 4672674 bytes)

17. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1244-Albany County Letter of Support.pdf application/pdf (size 263288 bytes)

Clean Air and A Healthy Future Project

Geographic Area

Within the City of Albany, census tracts as follows: 36001000200, 36001000600, 36001000700, 36001000800, 36001001100,36001002300, 36001002500, 36001002600, 36001000100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PASSAIC COUNTY (CLIFTON,PASSAIC, PATERSON, RINGWOOD)

One Ward United for Environmental Justice, Air Monitoring and Green Infrastructure Collaborative Problem-Solving Initiative

Resources/Inputs	Activities	Outputs	Audience	Short-term outcomes (6-12 months)	Intermediate Outcomes (12-24 months)	Long-term Outcomes (2+ years)
Air Monitoring Partners: • City of Newark Green Team • New Jersey DEP • Center for Community Engagement, Environmental Justice, and Health (CEEJH), • University of Maryland • EOSHI Rutgers University	• Train community residents to conduct Hyper Local air monitoring. • Engage in a network of technical and public health experts. • Establish neighborhood Air Monitoring Advisory Boards in three neighborhoods	• Monthly meetings with the 3 neighborhood Air monitoring Advisory Board. • Monitor data from 10 sites with Purple Air Monitors • Select sites and Conduct truck Count with Air Beams and Black Carbon Monitors	• Residents in the Weequahic, Dayton Street and Clinton Hill neighborhood. • South Ward partners, CBO's, Faith Based institutions, government, and municipal officials.	• Increased attendance of residents attending SWEA monthly meetings. • Quarterly training sessions for community partners • Conduct two Truck count events. • Increase residents' participation at yearly Environmental Summit	• Select 1 EJ Youth Community Ambassador for each neighborhood. • Select 2 community groups/leader from each neighborhood as the Lead Train the Trainer Partner	• Develop Neighborhood Climate Action Plans for the three neighborhoods. • Develop Translating Health-related Environmental Community Data for Actionable Practice and Prevention (THE DAPP), health literacy and translation tool.
Reducing Flooding through Green Infrastructure Partners: • NewarkDIG • Rutgers Cooperative Extension Water Resources Program • City of Newark Department of Water & Sewer Utilities	Expand reach of GI Reformer team to outreach to South Ward residents and business stakeholders in the three neighborhoods where GI projects will take place.	Identify community groups to assist with recruitment of South Ward GI Reformers, Street canvassing and Door Knocker delivery to attend public events.	Residents in the Weequahic, Dayton Street and Clinton Hill neighborhood. South Ward partners, CBO's, Faith Based institutions, government, and municipal officials.	• Post 3,000 door knockers across the South Ward (1000 in each • Neighborhood) • Paint 12 catch basins (4 in each neighborhood) • Host/Attend 6 events (2 in each neighborhood) • Post at least 1 on-site signage per neighborhood	• Formalize GI Apprenticeship Program partnerships. • Establish new partnerships with projects in the South Ward. • Employ 3 GI trainees with positions.	• Establish calendar of projects and GI trainee assignments. • Establish process for post-assignment evaluation including surveys by trainees. • Evaluating apprenticeship experience and supervisor • Evaluation of demonstrated skills.
Workforce development • CHCA • NewarkDIG • City of Newark Green Works Program • Rutgers Cooperative Extension (RCE) Water Resources Program	Planning, a project team, including additional partners, to review the program plan, develop the necessary supporting materials and data tracking tools, and formalize partnerships.	• Establish Green Jobs Task Force, Develop brochure for Green Hub Recruitment of 60 residents (20 from each neighborhood). • Monthly meeting with community-based partners.	• Residents in the Weequahic, Dayton Street and Clinton Hill neighborhood. • South Ward partners, CBO's, Faith Based institutions and High Schools.	• Increase in South Ward residents' knowledge of Green Infrastructure and urban tree forestry. • Target 45 residents (15 from each neighborhood) for Green Alliance Leadership Academy (GALA). • Establish MOU Partnership with Rutgers Cooperative Extension Water Resources Green Infrastructure Champion program. • Quarterly meetings with SWEA Green Jobs Task Force. Identify sites to plant 100 trees.	• Workforce Readiness Training & Career Exploration. • Plant and maintain trees to expand the tree canopy and improve air quality. • Bring more awareness to new and imminent GI projects while soliciting valuable community feedback and highlighting the green job opportunities which are one of many co-benefits of green stormwater management solutions.	• Match participants with a Green Jobs coach to explore a credential-bearing green job training of their choice. • Post-Training Support, Evaluation & Planning to assess the program's efficacy while pursuing additional funding to scale and sustain the effort.

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1234-CHCA IRS 501(c)3 Designation Letter 3.16.20.p

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1241-One Ward United for Environmental Justice, Air Mo

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Year 1- Recruitment, Community Engagement & Support	66.306	$	$	$ 76,000.00	$ 243,000.00	$ 319,000.00
2. Year 2 - GI Training & Career Exploration	66.306			180,500.00	248,200.00	428,700.00
3. Year 3 - Green Job Training & Urban Forestry	66.306			243,500.00	102,000.00	345,500.00
4.						
5. Totals		$	$	$ 500,000.00	$ 593,200.00	$ 1,093,200.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total
	(1)	(2)	(3)	(4)	(5)
	Year 1- Recruitment, Community Engagement & Support	Year 2 - GI Training & Career Exploration	Year 3 - Green Job Training & Urban Forestry		
a. Personnel	$ 51,500.00	$ 148,500.00	$ 212,500.00	$	$ 412,500.00
b. Fringe Benefits	2,000.00	10,000.00	10,000.00		22,000.00
c. Travel	0.00	0.00	0.00		0.00
d. Equipment	11,000.00	8,000.00	7,000.00		26,000.00
e. Supplies					
f. Contractual					
g. Construction					
h. Other					
i. Total Direct Charges (sum of 6a-6h)	64,500.00	166,500.00	229,500.00		$ 460,500.00
j. Indirect Charges					$
k. TOTALS (sum of 6i and 6j)	$ 64,500.00	$ 166,500.00	$ 229,500.00	$	$ 460,500.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Year 1- Recruitment, Community Engagement & Support	$	$	$	$
9. Year 2 - GI Training & Career Exploration				
10. Year 3 - Green Job Training & Urban Forestry				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$	$	$	$	$
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$	$	$	$	$

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Year 1- Recruitment, Community Engagement & Support	$	$	$	$
17. Year 2 - GI Training & Career Exploration				
18. Year 3 - Green Job Training & Urban Forestry				
19.				
20. TOTAL (sum of lines 16 - 19)	$	$	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges:

23. Remarks: Meetings & Events-$17,500
Evaluation Costs-$12,000

April 5, 2023

newark Green TEAM

Jacob Burney
U.S. Environmental Protection Agency
Office Of Environmental Justice &
External Civil Rights

RE: SWEA One Ward United for Environmental Justice, Air Monitoring and Green Infrastructure (EJCPS) Cooperative Agreement Program

Dear Mr. Burney,

Please accept this letter of support from the Newark Green Team for the Collaborative Problem-Solving Initiative proposal of the South Ward Environmental Alliance (SWEA). SWEA plans to implement a One Ward United for Environmental Justice, Air Monitoring and Green Infrastructure project to improve air quality and amplify engagement to improve the quality of life for residents of the South Ward of Newark.

The Newark Green Team is a multi-sector coalition of local stakeholders working to advance policies and programs related to urban sustainability, environmental health, community greening, quality of life, and green economic opportunities for Newark residents. The success of this project is vital to the South Ward community, which is surrounded by the second largest port in the United States, one of the busiest international airports in the country, three major interstate highways and high-volume county roads including the New Jersey Turnpike, Route 22, 1&9, 78, exposing nearby communities to toxic emissions from diesel transportation and freight.

South Ward residents' quality of life can be improved when we have local data matched with local action. SWEA will collect air quality data at a hyper-local level then implement green infrastructure practices and advocate for policies and actions to address the adverse impacts of poor air quality and local flooding on the health of low-income residents in the three South Ward neighborhoods, Dayton, Weequahic and Clinton Hill.

The Newark Green Team fully supports this project and will participate as a stakeholder throughout the project period. We believe that the goals and outcomes of this project will directly empower residents to collect and use air quality data to advocate for the changes they want to see, provide evidence for policymakers, and reduce air pollution, local flooding and greenhouse gas emissions while improving health outcomes for our residents.

If you have any questions, please feel free to contact me.

Sincerely,

M. Nicole Miller
Chair, Newark Green Team

EJScreen Report (Version 2.11)

the User Specified Area, NEW JERSEY, EPA Region 2

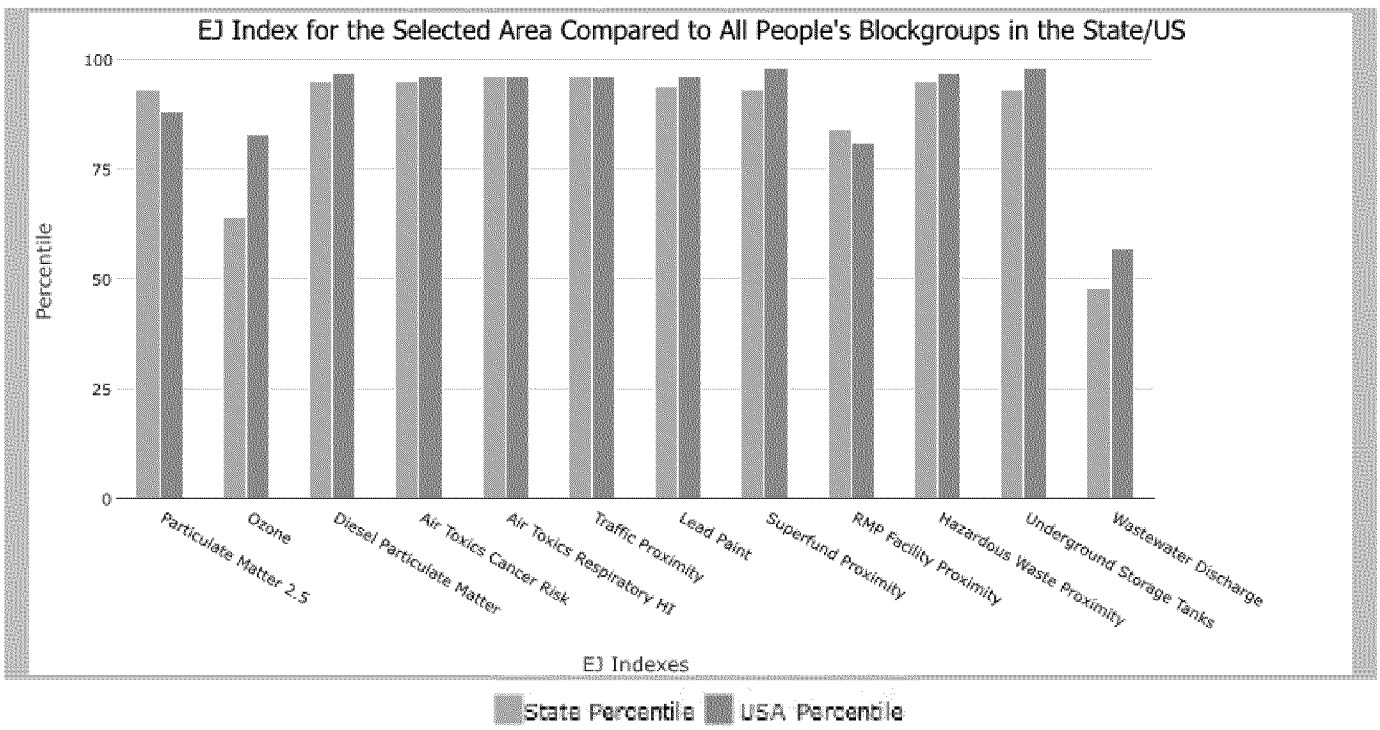
Approximate Population: 23,954

Input Area (sq. miles): 1.46

07112

Selected Variables	State Percentile	USA Percentile
Environmental Justice Indexes		
Particulate Matter 2.5 EJ index	93	88
Ozone EJ index	64	83
Diesel Particulate Matter EJ index*	95	97
Air Toxics Cancer Risk EJ index*	95	96
Air Toxics Respiratory HI EJ index*	96	96
Traffic Proximity EJ index	96	96
Lead Paint EJ index	94	96
Superfund Proximity EJ index	93	98
RMP Facility Proximity EJ index	84	81
Hazardous Waste Proximity EJ index	95	97
Underground Storage Tanks EJ index	93	98
Wastewater Discharge EJ index	48	57

EJ Indexes - The EJ indexes help users screen for potential EJ concerns. To do this, the EJ index combines data on low income and people of color populations with a single environmental indicator.



*Diesel particular matter, air toxics cancer risk, and air toxics respiratory hazard index are from the EPA's Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. Cancer risks and hazard indices from the Air Toxics Data Update are reported to one significant figure and any additional significant figures here are due to rounding. More information on the Air Toxics Data Update can be found at: https://www.epa.gov/haps/air-toxics-data-update.

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EJScreen Report (Version 2.11)

the User Specified Area, NEW JERSEY, EPA Region 2

Approximate Population: 23,954

Input Area (sq. miles): 1.46

07112



Sites reporting to EPA	
Superfund NPL	0
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	0

EJScreen Report (Version 2.11)

the User Specified Area, NEW JERSEY, EPA Region 2

Approximate Population: 23,954

Input Area (sq. miles): 1.46

07112

Selected Variables	Value	State Avg.	%ile in State	USA Avg.	%ile in USA
Pollution and Sources					
Particulate Matter 2.5 ($\mu g/m^3$)	8.97	8.34	77	8.67	61
Ozone (ppb)	41.7	42.1	24	42.5	45
Diesel Particulate Matter* ($\mu g/m^3$)	0.826	0.52	85	0.294	95-100th
Air Toxics Cancer Risk* (lifetime risk per million)	38	29	97	28	95-100th
Air Toxics Respiratory HI*	0.5	0.38	97	0.36	95-100th
Traffic Proximity (daily traffic count/distance to road)	4100	920	95	760	96
Lead Paint (% Pre-1960 Housing)	0.67	0.4	74	0.27	84
Superfund Proximity (site count/km distance)	0.61	0.45	77	0.13	96
RMP Facility Proximity (facility count/km distance)	0.33	0.76	56	0.77	50
Hazardous Waste Proximity (facility count/km distance)	7.7	3.3	87	2.2	93
Underground Storage Tanks (count/km^2)	41	15	89	3.9	99
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.00033	0.24	29	12	40
Socioeconomic Indicators					
Demographic Index	73%	33%	93	35%	91
Supplemental Demographic Index	20%	12%	84	15%	79
People of Color	99%	45%	96	40%	96
Low Income	47%	22%	87	30%	77
Unemployment Rate	13%	6%	90	5%	89
Limited English Speaking Households	4%	7%	56	5%	71
Less Than High School Education	12%	10%	71	12%	64
Under Age 5	7%	6%	69	6%	68
Over Age 64	11%	16%	32	16%	31
Low Life Expectancy	24%	18%	95	20%	88

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EJScreen Report (Version 2.11)

the User Specified Area, NEW JERSEY, EPA Region 2

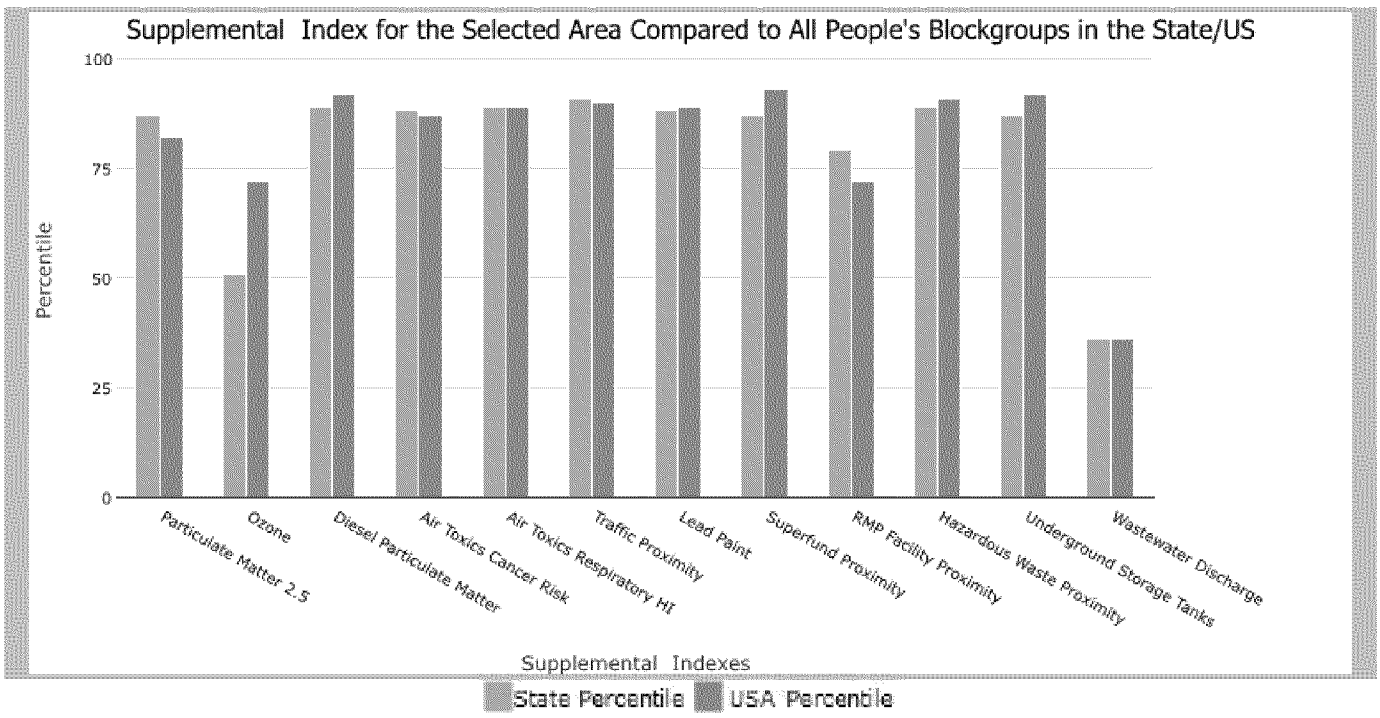
Approximate Population: 23,954

Input Area (sq. miles): 1.46

07112

Selected Variables	State Percentile	USA Percentile
Supplemental Indexes		
Particulate Matter 2.5 Supplemental Index	87	82
Ozone Supplemental Index	51	72
Diesel Particulate Matter Supplemental Index*	89	92
Air Toxics Cancer Risk Supplemental Index*	88	87
Air Toxics Respiratory HI Supplemental Index*	89	89
Traffic Proximity Supplemental Index	91	90
Lead Paint Supplemental Index	88	89
Superfund Proximity Supplemental Index	87	93
RMP Facility Proximity Supplemental Index	79	72
Hazardous Waste Proximity Supplemental Index	89	91
Underground Storage Tanks Supplemental Index	87	92
Wastewater Discharge Supplemental Index	36	36

Supplemental Indexes - The supplemental indexes offer a different perspective on community-level vulnerability. They combine data on low-income, limited English speaking, less than high school education, unemployed, and low life expectancy populations with a single environmental indicator.



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EJScreen Report (Version 2.11)

the User Specified Area, NEW JERSEY, EPA Region 2

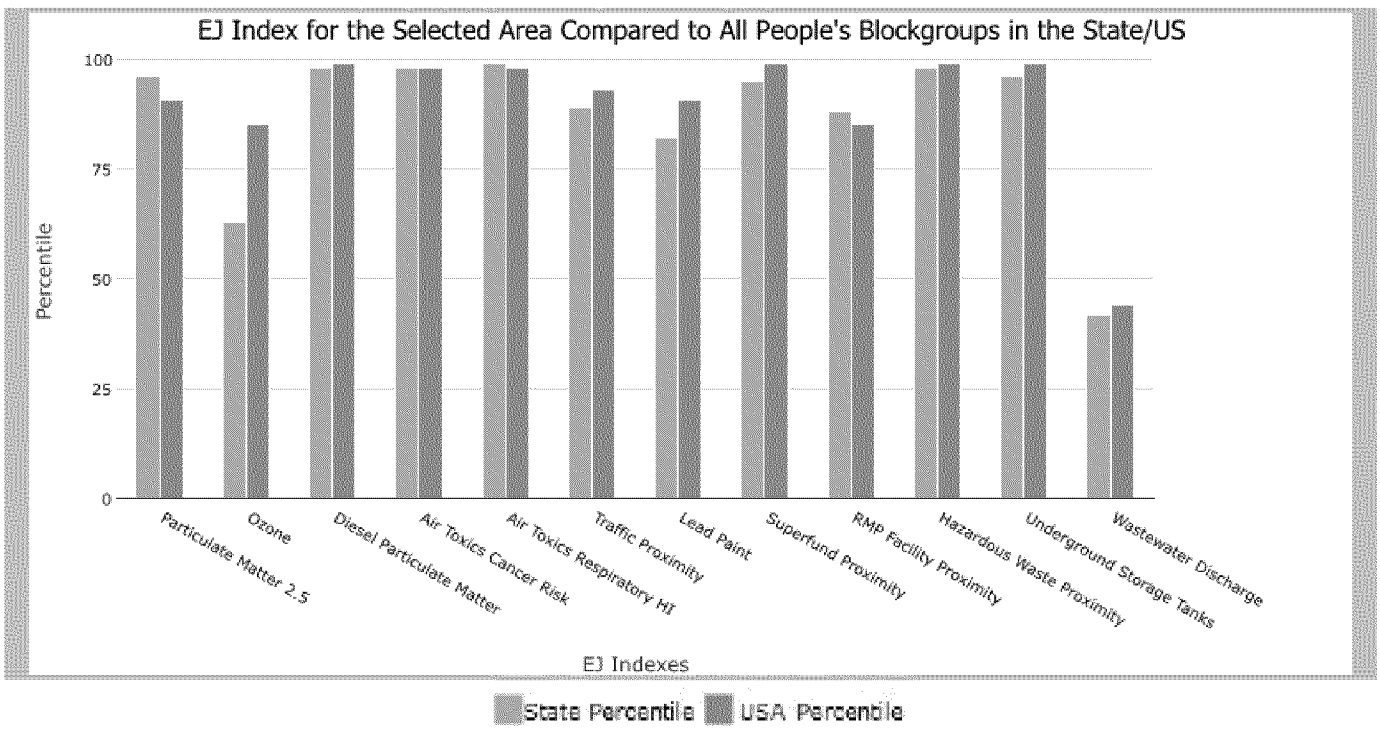
Approximate Population: 24,861

Input Area (sq. miles): 1.36

07108

Selected Variables	State Percentile	USA Percentile
Environmental Justice Indexes		
Particulate Matter 2.5 EJ index	96	91
Ozone EJ index	63	85
Diesel Particulate Matter EJ index*	98	99
Air Toxics Cancer Risk EJ index*	98	98
Air Toxics Respiratory HI EJ index*	99	98
Traffic Proximity EJ index	89	93
Lead Paint EJ index	82	91
Superfund Proximity EJ index	95	99
RMP Facility Proximity EJ index	88	85
Hazardous Waste Proximity EJ index	98	99
Underground Storage Tanks EJ index	96	99
Wastewater Discharge EJ index	42	44

EJ Indexes - The EJ indexes help users screen for potential EJ concerns. To do this, the EJ index combines data on low income and people of color populations with a single environmental indicator.



*Diesel particular matter, air toxics cancer risk, and air toxics respiratory hazard index are from the EPA's Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. Cancer risks and hazard indices from the Air Toxics Data Update are reported to one significant figure and any additional significant figures here are due to rounding. More information on the Air Toxics Data Update can be found at: https://www.epa.gov/haps/air-toxics-data-update.

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EJScreen Report (Version 2.11)

the User Specified Area, NEW JERSEY, EPA Region 2

Approximate Population: 24,861

Input Area (sq. miles): 1.36

07108



Sites reporting to EPA	
Superfund NPL	0
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	1

EJScreen Report (Version 2.11)

the User Specified Area, NEW JERSEY, EPA Region 2

Approximate Population: 24,861

Input Area (sq. miles): 1.36

07108

Selected Variables	Value	State Avg.	%ile in State	USA Avg.	%ile in USA
Pollution and Sources					
Particulate Matter 2.5 ($\mu g/m^3$)	8.99	8.34	78	8.67	62
Ozone (ppb)	41.7	42.1	21	42.5	44
Diesel Particulate Matter* ($\mu g/m^3$)	0.858	0.52	87	0.294	95-100th
Air Toxics Cancer Risk* (lifetime risk per million)	37	29	97	28	90-95th
Air Toxics Respiratory HI*	0.51	0.38	97	0.36	95-100th
Traffic Proximity (daily traffic count/distance to road)	710	920	66	760	74
Lead Paint (% Pre-1960 Housing)	0.39	0.4	43	0.27	65
Superfund Proximity (site count/km distance)	0.54	0.45	74	0.13	95
RMP Facility Proximity (facility count/km distance)	0.41	0.76	60	0.77	55
Hazardous Waste Proximity (facility count/km distance)	9.6	3.3	91	2.2	95
Underground Storage Tanks (count/km^2)	37	15	87	3.9	99
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.0032	0.24	50	12	59
Socioeconomic Indicators					
Demographic Index	81%	33%	97	35%	95
Supplemental Demographic Index	25%	12%	91	15%	88
People of Color	99%	45%	96	40%	96
Low Income	62%	22%	94	30%	89
Unemployment Rate	14%	6%	90	5%	89
Limited English Speaking Households	5%	7%	63	5%	75
Less Than High School Education	18%	10%	82	12%	76
Under Age 5	9%	6%	81	6%	81
Over Age 64	9%	16%	25	16%	25
Low Life Expectancy	22%	18%	85	20%	73

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EJScreen Report (Version 2.11)

the User Specified Area, NEW JERSEY, EPA Region 2

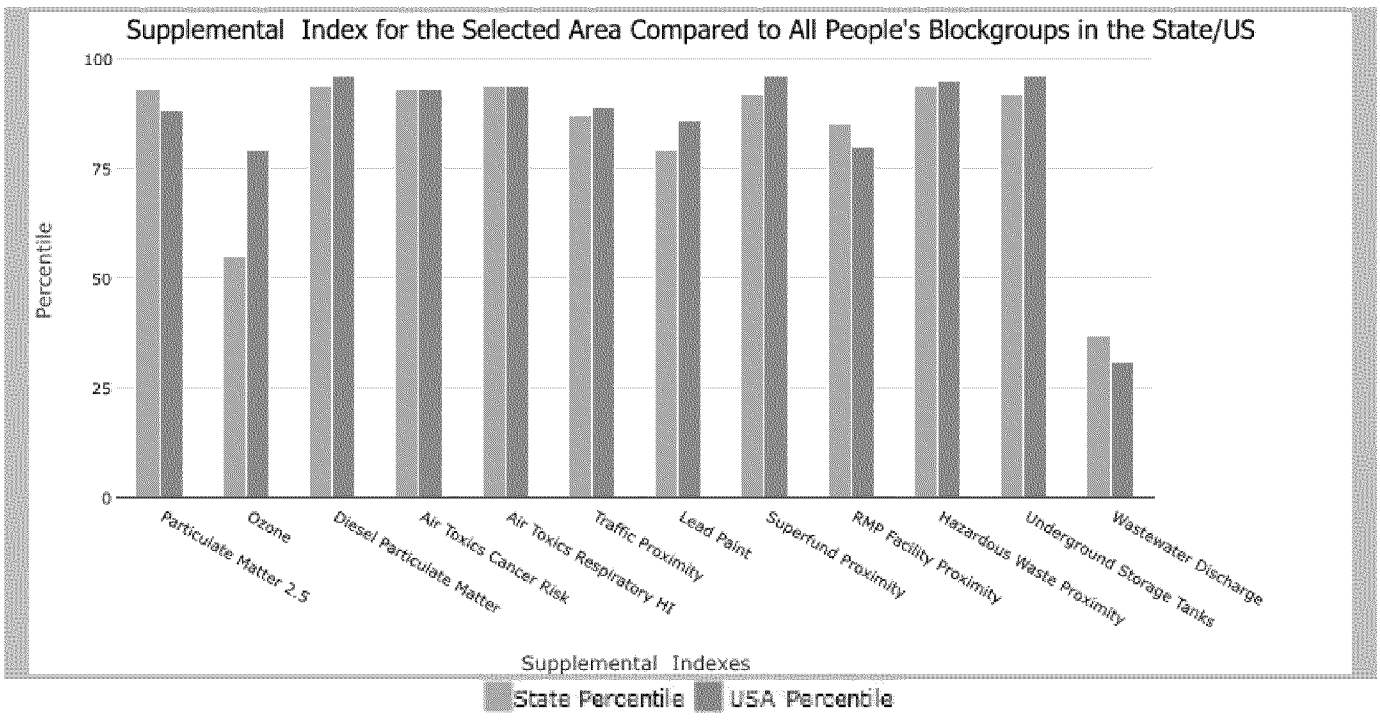
Approximate Population: 24,861

Input Area (sq. miles): 1.36

07108

Selected Variables	State Percentile	USA Percentile
Supplemental Indexes		
Particulate Matter 2.5 Supplemental Index	93	88
Ozone Supplemental Index	55	79
Diesel Particulate Matter Supplemental Index*	94	96
Air Toxics Cancer Risk Supplemental Index*	93	93
Air Toxics Respiratory HI Supplemental Index*	94	94
Traffic Proximity Supplemental Index	87	89
Lead Paint Supplemental Index	79	86
Superfund Proximity Supplemental Index	92	96
RMP Facility Proximity Supplemental Index	85	80
Hazardous Waste Proximity Supplemental Index	94	95
Underground Storage Tanks Supplemental Index	92	96
Wastewater Discharge Supplemental Index	37	31

Supplemental Indexes - The supplemental indexes offer a different perspective on community-level vulnerability. They combine data on low-income, limited English speaking, less than high school education, unemployed, and low life expectancy populations with a single environmental indicator.



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EJScreen Report (Version 2.11)

the User Specified Area, NEW JERSEY, EPA Region 2

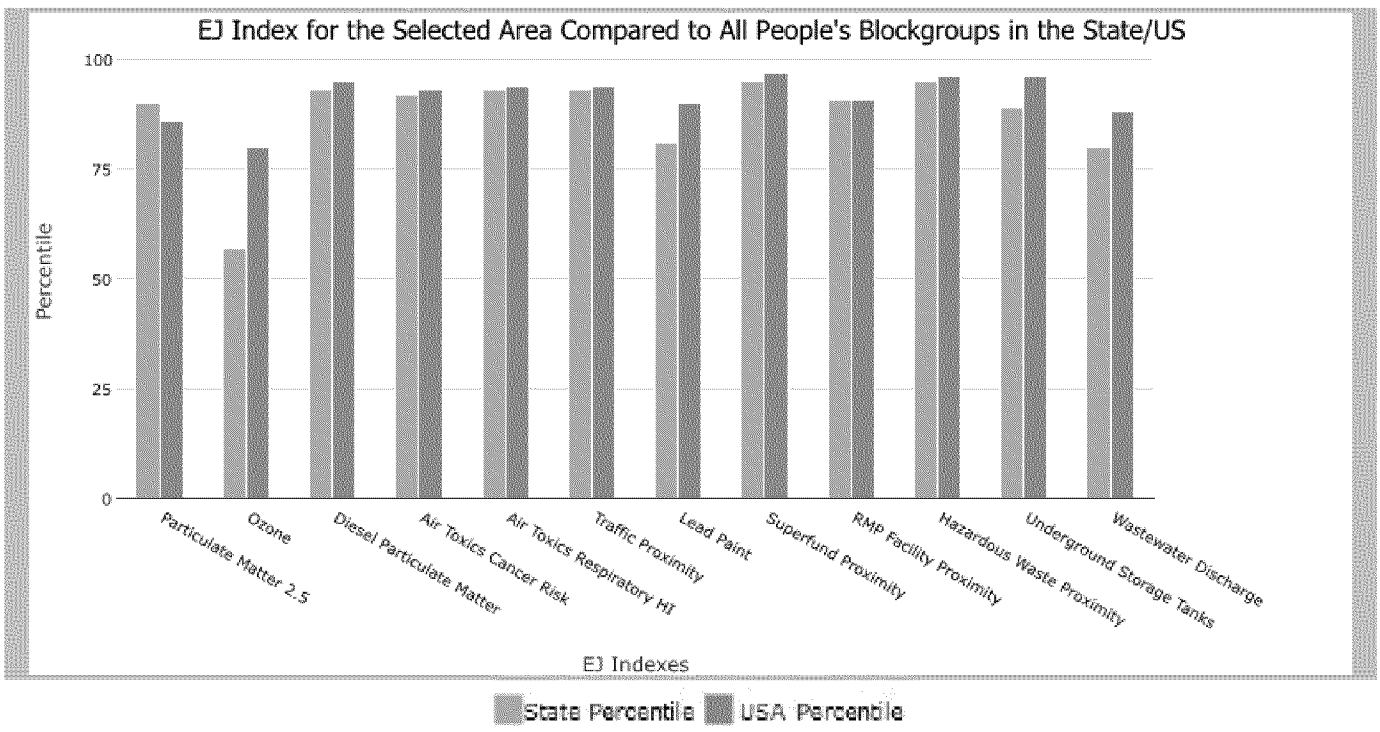
Approximate Population: 12,521

Input Area (sq. miles): 9.35

07114 (The study area contains 1 blockgroup(s) with zero population.)

Selected Variables	State Percentile	USA Percentile
Environmental Justice Indexes		
Particulate Matter 2.5 EJ index	90	86
Ozone EJ index	57	80
Diesel Particulate Matter EJ index*	93	95
Air Toxics Cancer Risk EJ index*	92	93
Air Toxics Respiratory HI EJ index*	93	94
Traffic Proximity EJ index	93	94
Lead Paint EJ index	81	90
Superfund Proximity EJ index	95	97
RMP Facility Proximity EJ index	91	91
Hazardous Waste Proximity EJ index	95	96
Underground Storage Tanks EJ index	89	96
Wastewater Discharge EJ index	80	88

EJ Indexes - The EJ indexes help users screen for potential EJ concerns. To do this, the EJ index combines data on low income and people of color populations with a single environmental indicator.



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EJScreen Report (Version 2.11)

the User Specified Area, NEW JERSEY, EPA Region 2

Approximate Population: 12,521

Input Area (sq. miles): 9.35

07114 (The study area contains 1 blockgroup(s) with zero population.)



Sites reporting to EPA	
Superfund NPL	1
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	10

EJScreen Report (Version 2.11)

the User Specified Area, NEW JERSEY, EPA Region 2

Approximate Population: 12,521

Input Area (sq. miles): 9.35

07114 (The study area contains 1 blockgroup(s) with zero population.)

Selected Variables	Value	State Avg.	%ile in State	USA Avg.	%ile in USA
Pollution and Sources					
Particulate Matter 2.5 ($\mu g/m^3$)	9.02	8.34	81	8.67	63
Ozone (ppb)	41.7	42.1	22	42.5	44
Diesel Particulate Matter* ($\mu g/m^3$)	0.915	0.52	89	0.294	95-100th
Air Toxics Cancer Risk* (lifetime risk per million)	40	29	99	28	95-100th
Air Toxics Respiratory HI*	0.57	0.38	99	0.36	95-100th
Traffic Proximity (daily traffic count/distance to road)	2500	920	91	760	93
Lead Paint (% Pre-1960 Housing)	0.4	0.4	44	0.27	66
Superfund Proximity (site count/km distance)	1.6	0.45	94	0.13	99
RMP Facility Proximity (facility count/km distance)	2.2	0.76	90	0.77	91
Hazardous Waste Proximity (facility count/km distance)	14	3.3	97	2.2	97
Underground Storage Tanks ($count/km^2$)	46	15	91	3.9	99
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.016	0.24	65	12	73
Socioeconomic Indicators					
Demographic Index	66%	33%	88	35%	87
Supplemental Demographic Index	24%	12%	89	15%	86
People of Color	87%	45%	85	40%	87
Low Income	51%	22%	89	30%	81
Unemployment Rate	11%	6%	85	5%	85
Limited English Speaking Households	19%	7%	88	5%	92
Less Than High School Education	27%	10%	91	12%	88
Under Age 5	5%	6%	56	6%	54
Over Age 64	9%	16%	23	16%	22
Low Life Expectancy	20%	18%	70	20%	53

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the User Specified Area, NEW JERSEY, EPA Region 2

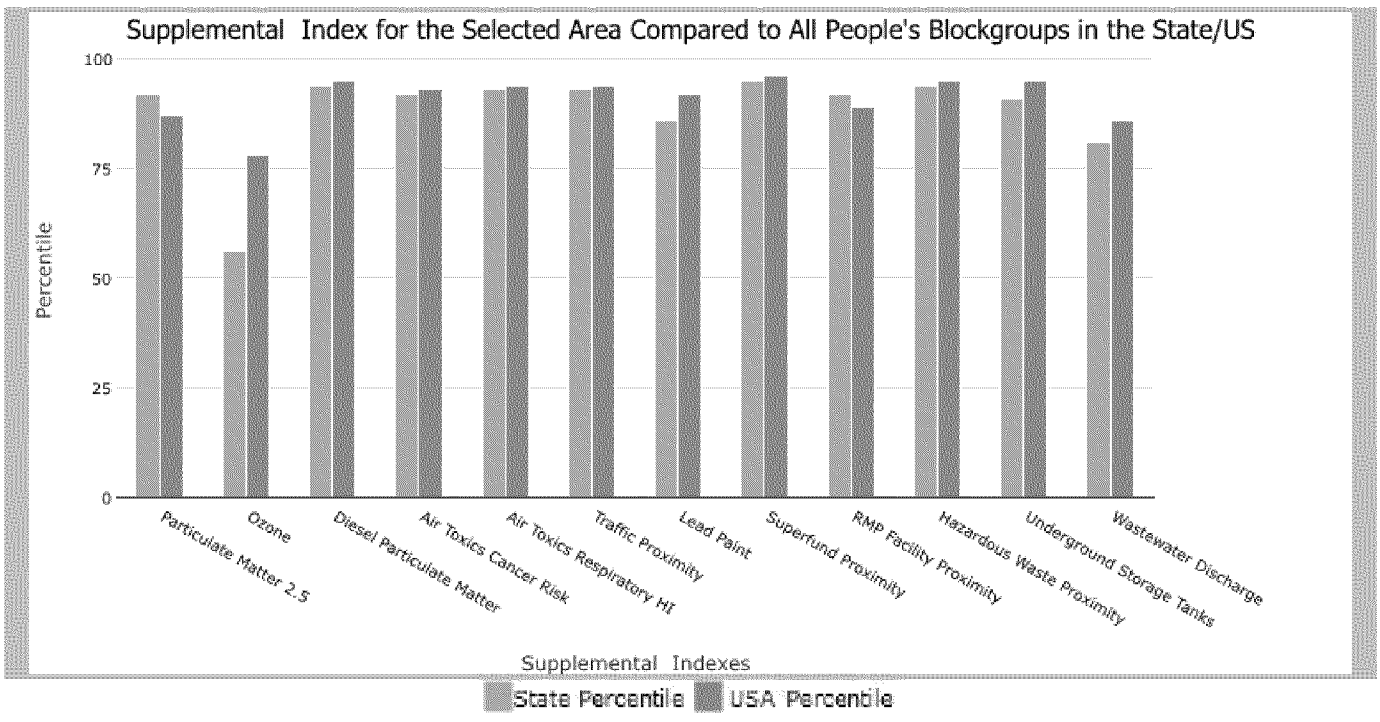
Approximate Population: 12,521

Input Area (sq. miles): 9.35

07114 (The study area contains 1 blockgroup(s) with zero population.)

Selected Variables	State Percentile	USA Percentile
Supplemental Indexes		
Particulate Matter 2.5 Supplemental Index	92	87
Ozone Supplemental Index	56	78
Diesel Particulate Matter Supplemental Index*	94	95
Air Toxics Cancer Risk Supplemental Index*	92	93
Air Toxics Respiratory HI Supplemental Index*	93	94
Traffic Proximity Supplemental Index	93	94
Lead Paint Supplemental Index	86	92
Superfund Proximity Supplemental Index	95	96
RMP Facility Proximity Supplemental Index	92	89
Hazardous Waste Proximity Supplemental Index	94	95
Underground Storage Tanks Supplemental Index	91	95
Wastewater Discharge Supplemental Index	81	86

Supplemental Indexes - The supplemental indexes offer a different perspective on community-level vulnerability. They combine data on low-income, limited English speaking, less than high school education, unemployed, and low life expectancy populations with a single environmental indicator.



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One Ward United for Environmental Justice, Air Monitoring and Green Infrastructure Collaborative Problem-Solving Initiative

Resources/Inputs	Activities	Outputs	
Air Monitoring Partners: • Newark Green Team • New Jersey DEP • Center for Community Engagement, Environmental Justice, and Health (CEEJH), • University of Maryland • EOSHI Rutgers University	• Train community residents to conduct Hyper Local air monitoring. • Engage in a network of technical and public health experts. • Establish neighborhood Air Monitoring Advisory Boards in three neighborhoods	• Monthly meetings with the 3 neighborhood Air monitoring Advisory Board. • Monitor data from 10 sites with Purple Air Monitors • Select sites and Conduct truck Count with Air Beams and Black Carbon Monitors	• R W D C n • S p F i g n c
Reducing Flooding through Green Infrastructure Partners: • NewarkDIG • Rutgers Cooperative Extension Water Resources Program	Expand reach of GI Reformer team to outreach to South Ward residents and business stakeholders in the three neighborhoods where GI projects will take place.	Identify community groups to assist with recruitment of South Ward GI Reformers, Street canvassing and Door Knocker delivery to attend public events.	Reside Weequ Street neighb South CBO's institut goverr munici

• City of Newark Department of Water & Sewer Utilities			
Workforce development • CHCA • NewarkDIG • City of Newark Green Works Program • Rutgers Cooperative Extension (RCE) Water Resources Program	Planning, a project team, including additional partners, to review the program plan, develop the necessary supporting materials and data tracking tools, and formalize partnerships.	• Establish Green Jobs Task Force, Develop brochure for Green Hub Recruitment of 60 residents (20 from each neighborhood). • Monthly meeting with community-based partners.	• R W D C m • S p F in H

South Ward Environmental Alliance
Budget - One Ward United for Environmental Justice (October 1, 2023 - October 2026)

	Budget									Narrative
Line	Expenses	2023 (Oct-Sept)		2024 (Oct-Sept)		2025 (Oct-Sept)				
1	**Phase 1 - Recruitment, Community Engagement & Support**	EPA	Other Funding	EPA	Other Funding	EPA	Other Funding	Total Other Funding	EPA	
	A **Staffing**									
	Environmental Justice Organizer (100% FTE)	8,000	42,000	40,000	10,000	40,000	10,000	62,000	88,000	
	B **Contractors**							-		
	EJ Youth Community Ambassadors (Outreach Workers x 3)				21,600	21,000	600	600	21,000	10hrs week @ $15/hr x4=600 x12 7200 yr x3 EJ Ambassador
	Community Leader-Train the Trainer (2 per Neighborhood)				18,000	18,000		18,000	18,000	10hr month @ $25/hr x 12=3,000yr x 6
	Project Evaluation	5,000		5,000		5,000		-	15,000	
	C **Program Supplies**							-		
	Supplies & Materials	8,000						-	8,000	
								-	-	
	D **Fringe Benefits (25%)**	2,000		10,000		10,000		-	22,000	health insurance, supplemental benefits, taxes
2	**Subtotal**	**23,000**		**55,000**		**94,000**		-	**172,000**	
	E **Fiscal Sponsor (6%)**	5,000		5,000		5,000		-	15,000	
	TOTAL-Phase 1	**28,000**		**60,000**		**99,000**		-	**187,000**	
								-		
3	**Phase 2 - GI Training & Career Exploration**							-		
	A **Staffing**							-		
	Executive Director (30% FTE)	24,000		24,000		24,000		-	72,000	
	GI Trainees (3 - 1 per Neighborhood)			60,000		60,000		-	120,000	20k per GI Trainee
	GALA Program Manager (50% FTE)		60,000		60,000	30,000	30,000	150,000	30,000	
	B **Contractors**							-		
	Job Training Instructors	10,000	5,000	10,000	5,000	5,000		10,000	25,000	(2) Instructors x $50/hr x 8 hours per week x 16 weeks x 5 series
	Coaches		5,000	5,000		5,000		5,000	10,000	(2) Coaches x $35/hr x 15 hours per week x 40 weeks
	C **Program Supplies**							-		
	Training curriculum and materials	5,000		10,000		10,000		-	25,000	
	Meetings & Events	7,500		5,000		5,000		-	17,500	$125 per week x 4 weeks (GALA) x 120 participants
4	**Subtotal**	**46,500**		**114,000**		**139,000**		-	**299,500**	
	D **Fiscal Sponsor (6%)**	5,000		5,000		5,000		-	15,000	
	TOTAL-Phase 2	**51,500**		**119,000**		**144,000**		-	**314,500**	
								-		
5	**Phase 3 - Green Job Training & Urban Forestry**							-		
	A **GI Champion Program (45 residents-15 per Neighborhood)**	2,000	2,000	2,000	2,000	2,000	2,000	6,000	6,000	
	B **Green Job Training Partners**	7,500	7,500	7,500	7,500	7,500	7,500	22,500	22,500	
6	**TOTAL-Phase 3**	**9,500**		**9,500**		**9,500**		-	**28,500**	
								-		
7								-		
	A							-		
						-		-	-	
	B					-		-	-	
	C					-		-	-	
8		-		-		-		-	-	
9	**Total Expenses**	**79,000**	**121,500**	**178,500**	**124,100**	**242,500**	**50,100**	**274,100**	**500,000**	

Manifest for Grant Application # GRANT13861994

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 31843 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16060 bytes)

2. Form SF424A-V1.0.pdf (size 23252 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40311 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15931 bytes)

5. Form SF424_4_0-V4.0.pdf (size 24047 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37274 bytes)

Attachments Included in Zip File (total 16):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-Walls Resume.pdf application/pdf (size 59361 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-Asada Rashidi (2021) Resume.docx application/vnd.openxmlformats-officedocument.wordprocessingml.document (size 18130 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-resumeKim_gaddy.2021final (1).pdf application/pdf (size 121688 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-SWEA - February Newsletter (1).pdf application/pdf (size 1222760 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-SWEA - March Newsletter.pdf application/pdf (size 3100897 bytes)

6. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1245-SWILSON_SWEA_LOC.doc.pdf application/pdf (size 351065 bytes)

7. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-SWEA - April Newsletter Round 1.pdf application/pdf (size 3029083 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1234-CHCA IRS 501(c)3 Designation Letter 3.16.20.pdf application/pdf (size 296265 bytes)

9. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1244-07114 ejscreen_report.pdf application/pdf (size 2195459 bytes)

10. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1241-One Ward United for Environmental Justice, Air Monitoring and Green Infrastructure Collaborative Problem-Solving Initiative .docx application/vnd.openxmlformats-officedocument.wordprocessingml.document (size 1271606 bytes)

11. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1243-07108 ejscreen_report.pdf application/pdf (size 2198615 bytes)

12. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1242-07112 ejscreen_report.pdf application/pdf (size 2197682 bytes)

13. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1249-

EPA Budget (1).xlsx application/vnd.openxmlformats-officedocument.spreadsheetml.sheet (size 69111 bytes)

14. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1248-outcomes_outputs.docx application/vnd.openxmlformats-officedocument.wordprocessingml.document (size 18526 bytes)

15. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1247-LOS_Rutgers_SWEA_04-06-2023 (1).pdf application/pdf (size 161824 bytes)

16. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1246-NGT Letter of support for SWEA EPA Collaborative Problem Solving grant (1).pdf application/pdf (size 127021 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-EPA-R-OEJECR-OCS-23-01_Community_Through_Colo

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-EPA-R-OEJECR-OCS-23-01_Community_Through_Colors_P

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. EPA-R-OEJECR-OCS-23-01	66.306	$ 499,950.00	$ 0.00	$	$	$ 499,950.00
2.						
3.						
4.						
5. Totals		$ 499,950.00	$ 0.00	$	$	$ 499,950.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) EPA-R-OEJECR-OCS-23-01	(2)	(3)	(4)	Total (5)
a. Personnel	$ 286,800.00	$	$	$	$ 286,800.00
b. Fringe Benefits	0.00				0.00
c. Travel	3,000.00				3,000.00
d. Equipment	0.00				0.00
e. Supplies	122,750.00				122,750.00
f. Contractual	42,000.00				42,000.00
g. Construction					
h. Other	0.00				0.00
i. Total Direct Charges (sum of 6a-6h)	454,550.00				$ 454,550.00
j. Indirect Charges	45,400.00				$ 45,400.00
k. TOTALS (sum of 6i and 6j)	$ 499,950.00	$	$	$	$ 499,950.00
7. Program Income	$ 0.00	$	$	$	$ 0.00

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. EPA-R-OEJECR-OCS-23-01	$ 0.00	$ 0.00	$ 0.00	$ 0.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$ 0.00	$ 0.00	$ 0.00	$ 0.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 248,483.36	$ 154,183.34	$ 31,433.34	$ 31,433.34	$ 31,433.34
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 248,483.36	$ 154,183.34	$ 31,433.34	$ 31,433.34	$ 31,433.34

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. EPA-R-OEJECR-OCS-23-01	$ 31,433.33	$ 31,433.33	$ 31,433.33	$ 31,433.33
17. N/A	31,433.33	31,433.33	31,433.33	31,433.33
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 62,866.66	$ 62,866.66	$ 62,866.66	$ 62,866.66

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: 454550

22. Indirect Charges: 45400

23. Remarks:

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Resources/ Inputs	Activities	Outputs	Audience	Short-Term Outcomes (6-12 months)	Intermediate Outcomes (12-24 months)	Long-Term Outcomes (2+ years)
- Staff -Radio Communications Infrastructure -Off-grid Renewable Energy Systems -Solar-powered portable radios -Renewable Energy Expertise -Federal funds -Knowledge of Community Needs -Collection of stakeholder opinions	-Deployment of mobile communication technologies, including satellite phones and radios, in the households of vulnerable populations in Vieques and disaster response units. -Deployment of renewable energy systems to most vulnerable households in Vieques, emergency shelters, and a high school innovation challenge. -Conduct workshop training program on renewable energy for disaster resiliency	-Increase power available for medical devices and refrigeration at vulnerable households -Increase number of Vieques residents who can receive emergency broadcast information during an outage -Increased information, skills & training for resilient energy and communication systems	-Most vulnerable populations in Vieques to extreme weather event, including: elderly, disabled, and individuals with severe medical needs -Disaster response units -High School students -Vieques community at-large	-Enhanced resiliency for vulnerable populations in Vieques -Increase in number of vulnerable individuals that feel secure during a power outage as a result of enhanced energy and communications systems -Improved disaster response power and communications infrastructure	-Reduced medical risk (including loss of life) as a result of improved communication and power for medical devices and refrigeration -More cohesive disaster response and preparedness planning, delivery, and communication -Secure and sustainable energy for the most vulnerable populations	-Reduced greenhouse gas emissions, transport costs from increase renewable energy penetration -Platform for youth and community organizations to increase self-sufficient and energy independent pathways for Vieques' future -Reduction in energy costs

AGENCY: U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA) OFFICE OF ENVIRONMENTAL JUSTICE AND EXTERNAL CIVIL RIGHTS (OEJECR)

TITLE: ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

FUNDING NO.: EPA-R-OEJECR-OCS-23-01
ASSISTANCE LISTING: 66.306
Project Performance Period: 11/1/2023-10/31/2026

1.0 PROGRAM OBJECTIVES

a. Project Summary Page

Project Title: Delivering Resilient Power and Communications to Vulnerable Populations in Vieques, Puerto Rico

Project Location: Vieques, Puerto Rico, 00765

Applicant Information:
Organization: Community Through Colors (CTC)
Main Contact: Edgar Oscar Ruiz, Executive Director

Brief Description of Applicant Organization: Community Through Colors (CTC) is a 501(c)(3) nonprofit organization active in Vieques, Puerto Rico following the devastating 2017 hurricane season. CTC's mission is to assist disadvantaged individuals who are disproportionately affected by natural disasters recover and achieve resiliency in anticipation of future humanitarian crises. Previous projects include: deploying renewable power and communications systems; implementing sustainable agricultural systems to enhance local food security; supporting community organizations to distribute food to residents without other support systems; renovating Vieques homes to a higher standard of safety and sanitation; and, improving the waste management system to divert organic and recyclable material from the landfill.

• **Small CBO Set Aside:** No

• **Project Abstract:** This project aims to address the adverse environmental and public health effects experienced by the underserved frontline community of Vieques, Puerto Rico. Vieques is medically underserved, and the island's remote location and lack of infrastructure make it vulnerable to complete resource and information isolation during power outages, forcing them to rely on immediate solutions which often have long-term health and environmental consequences. The community of Vieques was devastated by the extended power outages and subsequent complications following Hurricane Maria in 2017. Many residents lack the resources to have cellular or internet technology in their homes, and when power is out radio is the only communication method that works. The project will reduce the risk of adverse health outcomes among residents who require energy-consuming medical services. The CTC Team will deliver

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renewable off-grid energy systems and mobile communications technologies to the residences of elderly, disabled, and severely low-income individuals—enhancing their ability to withstand extreme weather events. The remote solar and battery systems will provide residents with a reliable source of power, particularly during power outages caused by hurricanes. Off-grid energy systems will be able to provide energy needed to sustain critical medical devices, refrigeration, and communication systems. Additionally, energy systems will be provided to two schools which serve as emergency shelters in a natural disaster, and two systems for a high school innovation technology. CTC will provide solar-powered portable radios to vulnerable populations in Vieques so they can receive information broadcast by the emergency radio station during a power outage.

Project Type(s): Disaster Preparedness/Response Planning and Implementation; Support of low and zero emission and resilient technologies that reduce greenhouse gas emissions; Environmental Justice partnership building that engages disadvantaged communities in Local, State and Federal public processes

Special Considerations:

- Climate Change/Disaster Resiliency
- Rural Area with population of 8,043 (US Census, 2022)

• **Environmental Issue**: Environmental Justice; Public Health; Natural Disaster Response

• **List of Project Partners:**
VieuesLove (nonprofit organization)
COREFI (nonprofit organization)
Vieques High School (academia)
Sustainable Designs (business/industry)
Center For International Media Action (nonprofit organization)

QAPP Needed: No

b. Environmental and Public Health information of the Underserved Community
This project aims to address the adverse environmental and public health effects experienced by the underserved community of Vieques, Puerto Rico. A small island with a population of approximately 8,000 and over 50% of residents living below the poverty line, Vieques is a rural and persistent poverty community (US Census, 2022). Vieques is predominantly Hispanic, with a disproportionately high elderly population and 90% of the residents identified as low-income (Figure 1). Vieques is medically underserved (Figure 2), and the island's remote location, lack of infrastructure, and unreliable communications make it vulnerable to power outages and resulting disproportionately severe social and environmental consequences. In 2017, the community of Vieques was ill prepared for the impact of Hurricane Maria due to poor accessibility to information and resources, resulting in worsened health conditions, food and water shortages, and unsanitary or unsafe living conditions which would persist for years. Many residents lack the financial or technical resources to have cellular or internet technology in their

homes, leaving them reliant on radio for communication during power outages. Currently, radio is broadcast around Vieques by a speaker mounted on the back of a truck which incurs high rates of travel related fuel emissions. This project, led by Vieques nonprofit Community Through Colors, will provide the underserved and frontline community of Vieques with access to critical energy services and communication capabilities during a natural disaster.

Figure 1. Snapshot of Environmental Justice Indicators for Vieques (EPA EJ Mapping Tool) depicting the historically disadvantaged community of Vieques, PR, specifically the demographic features which limit their access to resources and capacity to respond and adapt to climate change and severe environmental events.

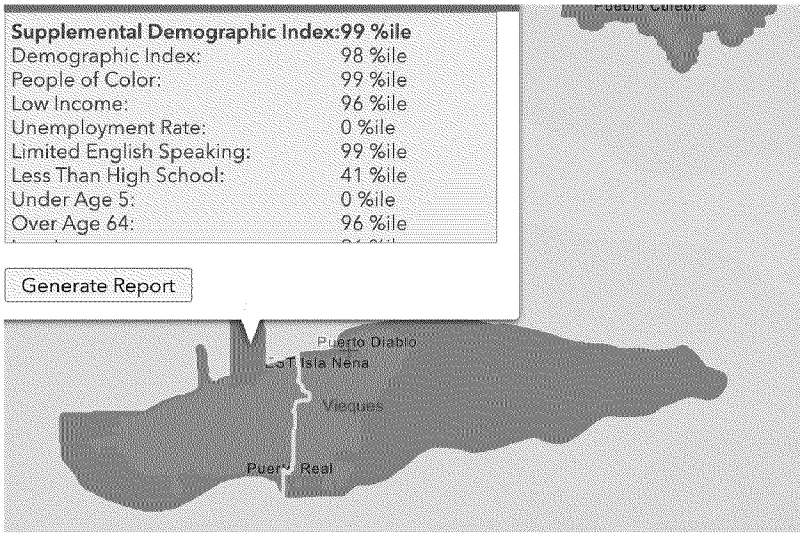

Figure 2. Vieques depicted as a Medically Underserved Community (EPA EJ Mapping Tool). The island of Vieques currently lacks a hospital, despite the large population of medically dependent individuals, leaving the community isolated and without capacity to serve environmental related health issues.



It is widely recognized that the community of Vieques disproportionately experiences environmental and public health issues. For over 50 years, the US Navy used Vieques as a bombing range, ultimately leading to groundwater contamination and increased rates of airborne toxins. As a result of the uncontrolled environmental pollution from the bombing, Vieques residents experience higher rates of health problems including certain cancers, kidney

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ailments, and asthma compared to the US national average[1]. However, Vieques does not have a hospital, thereby forcing individuals with compromised health to either regularly travel to the main island for care, substantially increasing fuel emissions, or rely on life-saving medical equipment and emergency communication to make critical health decisions. Power outages are particularly devastating for residents who require medical devices, refrigeration for medicines such as insulin, communications systems or medical alerts, and other life-sustaining equipment. Without access to power, these residents are at disproportionally high risk of adverse health outcomes, including death. The instability of the current energy production and distribution network presents a situation that requires additional support to not only communicate critical information to the most vulnerable members of the community but also provide backup power during regular or extended power failures. Therefore, the targeted members of the community for this project will be residents of Vieques who are bedridden, elderly, diabetic, and/or dialysis patients.

This project seeks to address the environmental and public health issues faced in Vieques through the following activities:

1) installing remote solar and battery systems in homes with life-saving medical devices to improve individual health, provide life sustaining resources, and reduce generator related emissions
2) providing portable radios to emergency responders, community organizers, and vulnerable populations so they can tune into the CTC emergency radio network for updates and guidance in the event of natural disasters such as earthquakes or hurricanes to reduce travel related emissions

The project will reduce the risk of adverse health outcomes among residents that require energy-consuming medical services. The CTC Team will deliver renewable off-grid energy systems and mobile communications technologies to the residences of elderly, disabled, and severely low-income individuals, consequently enhancing their ability to withstand extreme weather events. The remote solar and battery systems will provide residents with a clean and reliable source of power, particularly during power outages caused by hurricanes. Off-grid energy systems will be able to provide energy needed to sustain critical medical devices, refrigeration, and communication systems. Project activities will provide a climate-friendly solution to disaster resiliency for vulnerable populations in Vieques.

Providing community and village emergency response units with portable radios will help improve resiliency through communication capability and reduce the social and environmental detrimental impacts of a natural disaster. CTC operates the only emergency radio communications system in Vieques. Using this radio system, critical information can be disseminated to people across the island in the case of an emergency. The radio broadcast system is powered by solar panels and a battery bank, capable of operating when the electrical

[1] *"An Evaluation of Environmental, Biological, and Health Data from the Island of Vieques, Puerto Rico".* U.S. Department of Health and Human Services Agency:Toxic Substances and Disease Registry Division of Community Health Investigations. March 2013.

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grid is down without incurring additional fuel or fuel importation burden. Through this project, portable radios will be provided to vulnerable households and disaster response coordinators in each subregion of Vieques who can tune into the CTC radio station during an emergency. The emergency radio network will prepare residents prior to severe weather events and following environmental crises to enable coordination of disaster response efforts to ensure those in need receive immediate attention.

c. Organization's Historical Connection to Underserved Community

Community Through Colors has extensive experience working with residents and businesses in the underserved community of Vieques. The organization has been involved with the Vieques community since Hurricane Maria hit the island in Fall 2017. CTC has worked closely with residents and organizations in the community to address local environmental and public health issues, including the inequitable access to environmentally friendly alternatives, lack of access to power during hurricanes, and the limited access to healthcare on the island. CTC has now established the only emergency radio communications system in Vieques which helps disseminate available information to the public during outages. The emergency broadcast station operated by CTC is powered by solar panels and a battery bank, capable of operating when the electrical grid is down without causing increased fuel burden. CTC project team members have been working with the community for several decades, beginning with efforts that brought attention to the Navy's use of Vieques as a bombing range. This work involved closely working with community organizations to organize protests and raise awareness of the social and environmental injustices that were perpetrated on the island. The CTC Team has continued to work with the underserved community in Vieques, Puerto Rico, to address local environmental and public health issues.

The CTC Team has been thoroughly engaged with the targeted vulnerable populations in Vieques. CTC has been on the ground for each disaster response effort since Hurricane Maria, helping to deploy off-grid renewable energy systems to power mobile clinics and emergency shelters. After Hurricane Fiona in the Fall of 2022, CTC provided the underserved community of Vieques with the only emergency radio available on the island. Project Partner COREFI provides the elderly, disabled, and those with high-risk medical situations meals multiple times a week; logistics with medical appointments; and additional in-home support such as cleaning, bathing, and general housekeeping. The households that will receive energy systems to power their medical devices and refrigeration through this project will be verified by COREFI's network of residents in need.

During the aftermath of Hurricane Maria, project partner ViequesLove provided solar radios to families on Vieques as well as crank radios to schools, churches, community centers, agencies, and organizations. Five days after Hurricane Maria, ViequesLove landed a plane with twelve satellite phones and critical needs. The satellite phones were used to connect the government agencies, first responders, and organizations with help both on and off the island as well as to provide community events for people to call loved ones and let them know that they were safe. For almost three months the only means of communicating with Vieques was by satellite

phones or HAM radio (amateur licensed radio frequency), as all other means of communicating were severed by the blackout.

The project aims to provide the most vulnerable populations in Vieques, Puerto Rico with resilient energy and communication capabilities. The community's input and participation were crucial in developing the project plan that meets their specific needs. Community residents and organizations were involved in developing the current project plan, and they are actively part of the decision-making process. The project approach developed is to install remote solar and battery systems and to increase access to the Vieques emergency radio network. The CTC Team held public meetings to receive input from residents about the challenges they face and approaches for resolution. Strategic goals arose from these discussions, which is to provide the most vulnerable populations with reliable and resilient energy and communication systems during disasters and emergencies. All individuals and organizations involved with the project will be consulted prior to installation regarding their energy use and provided with basic troubleshooting protocols. Further, systems provided to the Vieques high school will challenge students to submit proposals for teaching and training programs for other residents using new and existing systems. This will provide students a platform to engage with other members of the community and increase local knowledge, confidence, and excitement for resilient energy systems in Vieques.

d. EJCPS Model

The project will utilize each element of the Environmental Justice Collaborative Problem-Solving (EJCPS) Model, with some of the EJCPS Model elements currently in action. Planned and existing implementation of EJCPS Model elements are described in detail below.

EJCPS Model Element 1—Issue Identification, Community Vision, and Strategic Goal Setting: CTC has identified the disproportionate environmental and public health harms and risks that the Vieques community faces, including: limited access to reliable electricity and emergency communication systems for vulnerable populations. The project team worked with the community to establish a shared vision for the project and set strategic goals to address identified challenges for Vieques residents. The project will go further to identify specific needs of individuals who are most at risk during natural disasters through detailed surveys and site assessments. Emergency communications infrastructure has been secured and will be vital for ensuring project success. CTC was granted licensing permission from the FCC to use a radio frequency for broadcast emergency communications. CTC took over the one radio station in Vieques, previously Radio Vieques, to serve as the broadcast station for disseminating information during emergencies.

EJCPS Model Element 2—Community Capacity Building and Leadership Development Element: The project will focus on building the capacity of the local community to manage and sustain the renewable off-grid energy and mobile communication systems that will be installed. CTC will deliver technical training through a workshop series on renewable energy systems and portable radios to the following: project personnel, disaster response leads, residents who are recipients of energy systems, and interested community members. Through these workshops project

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participants will learn how to operate and troubleshoot problems that may arise with renewable energy systems and portable radios. As a result of this training, community members and community organizations will develop the necessary leadership capabilities to successfully enact disaster preparedness and response plans. Further, the high school innovation challenge provides students an opportunity to learn about renewable energy systems and lead initiatives which utilize renewable energy as a means to improve resilience in their community.

EJCPS Model Element 3—Consensus Building and Dispute Resolution Element: The project team will work closely with targeted populations to ensure concerns and needs are heard and addressed throughout the project. The CTC Team is composed of leaders in the Vieques who have developed trusting relationships with members of the community, businesses, and government. Community leaders and individuals in Vieques have worked directly with CTC Team members as part of ongoing activities that support vulnerable populations in Vieques. Any disputes that arise will be resolved through a collaborative process involving all project stakeholders with the overarching goal of enhancing resilience for vulnerable populations.

EJCPS Model Element 4—Multi-Stakeholder Partnership and Leveraging of Resources Element: The project will bring together multiple stakeholders to achieve the project's goals, including community members, local organizations, government agencies, and private sector partners, to pool their resources and expertise. Throughout the duration of the project the CTC Team will work to leverage external funding, technical assistance, and other resources to increase the project's success and impact. Project partner ViequesLove will help to identify resources and create structures for communication and information sharing from those entities that are certified by the federal, state, or local government to be used as a key element in the community situation, threats, challenges, and resources available to the residents. ViequesLove also has several tools that could be used to provide information through the CTC radio station. This includes an Asset Mapping Project which has surveyed and mapped island resources necessary in emergencies and connects resources to needs. Multiple CTC Team members are official volunteers in the Municipal Emergency Management Office and collaborate on response and recovery with FEMA, the Emergency Management Offices on Vieques and Puerto Rico, the municipality, other NGOs, and are Community Emergency Response Team (CERT) validated by FEMA. Further, the CTC Team is actively participating in the Puerto Rico Voluntary Organizations Active in Disaster (PRVOAD) and are in the process of creating a long-term recovery group.

EJCPS Model Element 5—Constructive Engagement by Relevant Stakeholders Element: The project team will engage with relevant stakeholders throughout the project to ensure their input is heard and incorporated into project decisions. This will include regular communication and collaboration with community members, government officials, and other key stakeholders. The project team will seek feedback from the underserved community and stakeholders and evaluate the project's effectiveness in addressing the environmental and public health issues faced by the community. CTC will expand existing collaboration with local authorities to ensure project activities align with, and are integrated into, overall disaster preparedness and response plans.

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EJCPS Model Element 6—Sound Management and Implementation Element: The project team has developed a detailed project plan, with clear timelines and milestones, to ensure the project is completed on time and within budget. The plan involves effective management of project resources, including personnel, equipment, and materials. Team members have clearly articulated roles and responsibilities that will streamline project operations. The CTC Team has developed a sound implementation plan to address the identified environmental and public health issues. In this project, the plan of action includes the installation of remote solar and battery systems and an emergency radio network to provide reliable and resilient energy and communication systems during disasters and emergencies.

EJCPS Model Element 7—Evaluation, Lessons Learned, and Replication of Best Practices: The project will be evaluated at key milestones to assess its effectiveness in achieving its goals. Lessons learned will be identified and incorporated into ongoing project activities, and best practices will be shared with other communities to encourage replication of successful models. The project team will monitor and evaluate the effectiveness of the remote solar and battery systems and emergency radio network in addressing the environmental and public health issues faced by the underserved community in Vieques, Puerto Rico. CTC will be responsive to technical challenges that arise and will be responsible for the maintenance and repairs of energy or communications systems.

e. Project Linkages

This project directly supports *EPA Strategic Plan Goal 2, Objective 2.1* to promote environmental justice and civil rights. The project aligns with EPA's goal of promoting environmental justice by addressing the disproportionate impact of environmental and public health harms on vulnerable populations. The proposed project seeks to address these disparities by providing critical infrastructure and resources that will improve the community's resilience and ability to respond to disasters and emergencies. Vieques is a community that has historically been subject to environmental injustices, including contamination from a former U.S. Navy bombing range and a lack of access to basic resources such as reliable electricity and communication infrastructure. These injustices have disproportionately affected the most vulnerable populations in the community, including those who require critical medical devices such as dialysis machines and CPAP machines. The proposed project will resolve existing disparities by installing remote solar and battery systems that will provide reliable power to the most underserved and at-risk community members. This will not only bolster medical response times, but also reduce the risk of worsened respiratory conditions from fuel emissions from importing medical supplies and transporting ill individuals to the mainland. Providing portable radios that can access the emergency radio network will provide a critical means of communication prior to and during disasters and emergencies, allowing the community to prepare, coordinate response efforts, and access critical resources.

The project supports *EPA Strategic Plan Goal 2, Objective 2.1* by providing access to critical infrastructure and resources to underserved populations in Vieques. The project is community-driven, ensuring that the underserved community's needs and concerns are addressed, and promoting environmental justice and civil rights at the local level. The

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community's involvement in the decision-making process ensures that the project is tailored to their specific needs and concerns, promoting equitable access to resources and infrastructure.

f. Partners and Collaborators

CTC's previous work with disaster response units and community leaders in Vieques has helped identify recipients for renewable energy systems and solar-powered portable radios. Individuals in Vieques who work with COREFI–including the elderly, disabled, and those in need of medical devices–are all identified as vulnerable and at high risk during power outages.

ViequesLove is a 501c3 nonprofit that started after Hurricane Maria in 2017, and has since worked in the response and recovery effort while focusing on preparing the community for all weather events and adverse situations. ViequesLove will continue its close collaboration with CTC personnel that operate the emergency radio station, understanding that the residents of Vieques utilize radio as an only source of information when no other method is available. ViequesLove has worked to help the community in the past both in preparation and in understanding what resources are available to an underserved island with a limited amount of access to response and recovery support as well as healthcare. ViequesLove will continue to look for ways to outfit additional community centers and hubs with solar or emergency radios for residents to be connected to the vital information that the emergency radio station would provide.

COREFI is a community non-profit organization based in Vieques, established in response to the overwhelming number of residents in need. COREFI assists hundreds of residents on a regular basis to receive support with critical services and basic human necessities such as food and water, medication, safe and sanitary living conditions, and accessible infrastructure. Over the past fifteen years, COREFI has identified the most at risk communities and isolated individuals who are impacted the worst during environmental crises. These communities and individuals are the target populations of this proposed project and COREFI already has established a record of communication and trust within this population. COREFI will interface with individuals and households that receive renewable energy systems and portable radios, while helping to ensure their voices are heard and the project is fulfilled to the specific needs and desires of the recipients.

Vieques High School will be a recipient and partner for this project. 2 portable solar energy systems will be deployed at the high school to be used in a technology challenge developed to engage students in the future of a resilient Vieques, increase awareness to the environmental challenges facing remote islands, and provide opportunities for students to learn and think critically about renewable energy and human health.

Sustainable Designs has been working with CTC on disaster recovery and assistance efforts in Vieques since Hurricane Maria in 2017. Sustainable Designs has collaborated closely with Community Through Colors since 2017 to develop and implement multiple activities in Vieques which support the underserved community and vulnerable populations. This includes projects that have used renewable energy to increase resiliency and energy independence and,

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increased access to medical care and food provisions for vulnerable and low-income populations. will assist CTC with project design and implementation, planning, reporting, and budgeting to ensure project deliverables are met on-time and within budget. This partnering agreement complies with 2 CFR Part 200 as a subrecipient because Sustainable Design's work: cannot be replicated; is vital to programmatic design and implementation activities; is entirely focused on supporting the underserved population of Vieques; and the total fee is below the micro-purchase threshold for competitive contracts.

Center For International Media Action is a non-profit radio engineering organization that helps to build community radio stations and transition to green energy. In Vieques, CIMA procured hundreds of used solar panels from redistribution and installation on residential homes. CIMA fundraised for solar materials and performed installations for people with precarious electricity and fixed-incomes around the island.

2.0 PROJECT ACTIVITIES / MILESTONE SCHEDULE / DETAILED

a. *Project Activities*

The CTC Team will deploy New Use SunKit 2000 portable energy systems at 19 residences, 2 schools which serve as emergency shelters in a natural disaster, and 2 systems for high school students as a technology challenge. The New Use systems are plug-and-play, composed of a 2 kilowatt-hour solar photovoltaic array, 2 kilowatt inverter, and a 5 kilowatt lithium battery. This system will be able to provide the energy needed to sustain critical medical devices, including energy-consuming devices such as refrigerators, CPAP machines, and dialysis machines. Vieques experiences a higher incidence rate of medical problems as a result of the exposure to toxins from decades of US Naval bomb testing on the island (source). The CTC Team will provide a New Use system to 19 low-income households with energy-consuming medical devices, including those with needs for refrigeration, the elderly, and disabled individuals.

Local community organizations and concerned residents have created a community HAM (amateur radio licensed frequency) radio network that connects government and local agencies, organizations, fishers, and community responders with HAM radios for more efficient response and recovery. However, individual households remain without a method of receiving critical information before, during and after a storm or adverse event putting them at risk. The CTC Team will use grant funds to support the delivery of 400 portable radios that can tune into the CTC radio station frequency during an emergency. Every portable radio will have an LED flashlight, cellular phone charging capabilities, and will be powered by embedded solar photovoltaic cells and a battery unit. Radios will be provided to households in remote regions of Vieques, areas which have been identified by project partner COREFI as highly vulnerable in the event of an emergency.

The CTC Team will use two New Use energy systems for a High School innovation challenge. The challenge will involve teams of Vieques high school students to submit ideas for teaching and training other Vieques residents on using the off-grid renewable energy system. The intention of this challenge is to provide students a platform for engaging with other members of the community to help increase local knowledge about resilient energy systems in Vieques. It is a goal for this information to spread and enhance the desire for a sustainable energy future that is able to provide security in emergency situations.

The project activities for providing resilient energy and communication capabilities to the vulnerable population in Vieques, Puerto Rico, are as follows:

1. Needs assessment and project planning: The project team will conduct a needs assessment to identify specific site characteristics of the most vulnerable households that require renewable off-grid energy systems and mobile communications technologies. The team will finalize a detailed project plan, including a detailed timeline, budget, and resource allocation plan.
2. Procurement of equipment and materials: The project team will procure the necessary equipment and materials required for renewable energy systems and mobile communication technologies.
3. Deployment of mobile communication technologies: The project team will provide mobile communication technologies, including satellite phones and radios, in the households of vulnerable populations and disaster response units. These communication technologies will allow individuals to stay connected and informed during extreme weather events.
4. Deployment of renewable energy systems: The project team will deploy renewable energy systems in the households of elderly, disabled, and individuals with severe medical needs. Systems will be provided at the Vieques emergency shelters, and two systems will be used for the high school innovations challenge. The systems will include solar panels, batteries, and inverters to provide a reliable and resilient source of energy.
5. Deployment of mobile communication technologies: The project team will provide mobile communication technologies, including satellite phones and radios, in the households of vulnerable populations and disaster response units. These communication technologies will allow individuals to stay connected and informed during extreme weather events.
6. Training and education: The project team will provide training and education to vulnerable populations on the proper use and maintenance of renewable energy systems and mobile communication technologies. The team will also provide information on disaster preparedness and response.
7. Monitoring and evaluation: The project team will monitor and evaluate the performance of the renewable energy systems and mobile communication technologies installed in households. The team will also collect feedback from vulnerable populations on the effectiveness of the project and make any necessary adjustments.

b. Milestone Schedule

The following table outlines the major milestones and timeframes for completing significant project activities within the three-year period of performance:

Milestone	**Timeframe**
Project kick-off meeting with CTC Team	Month 1
Meet with project stakeholders to produce detailed needs assessment plan and schedule site visits to vulnerable households and emergency shelters	Month 2
Meet with Disaster Preparedness and response units to identify pathways for integration with existing disaster response plans	Month 3
Produce detailed project plan for deployment of renewable energy and mobile communication systems	Month 4
Renewable Energy and Mobile Communications Equipment and Material procurement, including shipping logistics	Month 5
Solidify plan for on-site delivery/installation, notify stakeholders and recipients of systems	Month 6
Mobile communication system deployment, rollout of radios to identified recipients	Months 7-8
Training on mobile radio communication technology for recipients. Includes CTC Team technical support contact information.	Months 7-8
Workshop series on renewable energy system components is developed and schedule for workshops is produced	Month 8-9
Systems monitoring, troubleshooting, maintenance, and repairs	Months 8-36
High School innovation challenge plan is developed, partnering communities are engaged in planning	Month 10
Renewable energy system deployment and installation	Months 10-11
Basic training and education on renewable energy systems technology for recipients. Includes CTC Team technical support contact information.	Months 10-12
Detailed workshop series on renewable energy systems for community at-large, including students interested in participating in the high school innovation challenge	Months 10-18
High School innovation challenge begins after participants have gone through renewable energy workshop series	Month 19

CTC Team awards high school innovation winners for best proposal for best utilization of renewable energy systems in their given community	Month 24
Project monitoring and internal evaluation done on a quarterly basis and annual report due to EPA	Quarterly, EPA report annually
Final Project Evaluation and Closing meeting	Months 35-36
Final Project Report to EPA	Month 36

c. Itemized Budget Sheet / Budget Narrative

The Budget Sheet and Narrative is attached as a separate document and will provide a detailed explanation of how funds will be used for each activity and component of the project.

3.0 ENVIRONMENTAL RESULTS – OUTPUTS, OUTCOMES, AND PERFORMANCE MEASURES (LOGIC MODEL)

a. Environmental Results (Logic Model):

The logic model is attached as a separate document.

b. Performance Measurement Plan:

The project team will use a combination of qualitative and quantitative measures to track and monitor project performance and progress. The team will collect data on the number of households served, energy generated, communication technologies installed, and feedback from vulnerable populations. The team will also monitor the reliability and resilience of the renewable energy systems and mobile communication technologies during extreme weather events. In addition to the outputs and outcomes identified in the logic model, the performance measurement plan will use the following indicators to track and monitor the progress and success of the project:

- Number of individuals/households identified and served
- Percentage increase of individuals/households with reliable access to energy and communication during natural disasters
- Percentage of individuals/households that report an improvement in quality of life as a result of resilient energy and communications
- Number of individuals/households that have received training and education on clean energy
- Number of individuals/households that have reported satisfaction with the training and education provided
- Number of systems and technologies that are functioning effectively
- Amount of power provided to critical services during emergencies or blackouts, consequently reducing generator usage and fuel emissions
- Percentage of households that report feeling prepared for future natural disasters as a result of resilient energy and communications

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The progress of these measurement indicators will be documented internally on a quarterly basis, and will also be provided to EPA in project reports.

c. Sustainability Plan and Community Vision:
The project aims to empower the most vulnerable populations in Vieques to be better prepared for future natural disasters by providing them with resilient energy and communication capabilities. The project will work closely with the community to ensure that the solutions provided are tailored to their needs and the project's momentum is sustained into the future. The inclusion of a solar challenge for high school students will engage a critical population of the community essential for long term continuation and community growth. Further, the team will engage with local organizations and stakeholders to develop a sustainability plan that will ensure the long-term operation and maintenance of renewable energy systems and mobile communication technologies. The community has previously expressed desire and interest for these systems, but lack the opportunities and resources to access them to date. Accordingly, the team does not anticipate any issues assisting the key stakeholders in forming a sustainability plan. Finally, the team will also leverage the project's results and momentum to support other communities facing similar challenges, as appropriate. The project team will work with local organizations and stakeholders to develop a replicable model that can be used in other communities.

4.0 PROGRAMMATIC CAPABILITY

a. Organizational Experience
Community Through Colors has six years experience operating projects within the community of Vieques and is readily capable of effectively implementing this project. The commitment, sincerity, and integrity displayed by the organization in the completion of previous work has developed a strong relationship with Vieques businesses, organizations, and individuals. CTC's work includes sustainable agriculture and food security, renewable energy, resilience and disaster relief, education, waste management, and community coalition building projects, positioning them to effectively unite all stakeholders throughout this project.

CTC is the lead organization on two active projects supported through the following US Department of Agriculture grant programs: the Beginning Farmers and Ranchers Development Program (BFRDP), and the Community Food Project (CFP) program. In response to lack of local food production and over-reliance on food imports, CTC developed the BFRDP project to enhance local knowledge and capacity of beginning and early-stage farmers to provide residents in Vieques with organic local produce. CTC partnered with COREFI on a Community Food Program project to address severe food insecurity for low-income populations in Vieques by providing reliable nutritious meals to them multiple times per week.

CTC's current pilot Vieques Microgrid project is recognized by the Department of Energy as a finalist for equitable community solar practices in the DOE Sunny Award. The pilot microgrid serves low-income households, small businesses, first responders, communications buildings, and emergency response centers with solar and battery storage. The system has operated

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through island wide blackouts, allowing essential operations to continue without heavy reliance on generators as was the case after Hurricane Maria, effectively bolstering environmental resilience and reducing emissions during both daily operations and in times of crisis. As a result of maintaining these renewable energy and communications systems, CTC has accumulated extensive experience working with local Vieques schools, emergency responders, individuals, resiliency centers, community centers, individuals, and more.

In the wake of Hurricane Fiona in 2022, CTC was granted permission by the FCC to provide vital disaster recovery communications for the island of Vieques. The storm effectively wiped out all electricity on the island, and the backup generator was unable to power up. Prior to the operation of the CTC radio station, dissemination of vital and potentially life saving information was incredibly difficult. Little or no content pertinent to the residents was being broadcast, and cellular service remained spotty and erratic throughout the island. For communications to the public, officials reverted to using a "speaker truck," driving around the island. Not only was this inefficient, as residents would only catch pieces of information at a time, if they were on the truck route, but it was also environmentally harmful. Fuel emissions from the one truck were unreasonably high for the small island, as residents regularly walk, ride horses, or take short vehicle trips. However, the CTC radio station is 100% dedicated to broadcasting recovery information and does not require any fuel to operate. The station is not used for music, entertainment programming, advertising, or underwriting content. The radio frequency and studio facility that was used as an STA broadcast site for the emergency radio station is still in place, and the radio station will relay vital information from the emergency services offices several miles away, for rebroadcast. Since the station has its own backup power source in the form of solar photovoltaic panels and batteries, it is not only a significantly more environmentally friendly option but also incredibly resilient and can operate through hurricanes, earthquakes, and other environmental disasters.

Since 2018, CTC has also operated a sustainable, organic, educational farm in Vieques, serving over ten restaurants, community markets, caterers, and individuals with fresh, healthy produce every week. As 99% of food and consumer goods are imported to the island of Vieques, local farming and support of aspiring local farmers not only increases the quality of food delivered to the island but also reduces the environmental impact of importation and distribution of food from other countries through air, water, and land travel. The farm not only supports the community through outputs, but also collects food waste from restaurants and markets, effectively diverting over 3.5 metric tonnes of CO2 from the landfill so far in 2023. CTC has worked to improve access to local produce for public schools for the free breakfast and lunch program. Previous partnerships with local schools and youth groups have fostered farm visits, during which the children learn about agriculture, local crops, and food origins.

b. Staff Experience / Qualifications of Project Manager (PM) -
CTC will leverage its diverse network staff, volunteers, and project collaborators to effectively deliver project goals. The project team has decades of experience working with vulnerable populations in the small and close-knit community of Vieques. The CTC team is composed of

well-known and established leaders in the Vieques community with extensive outreach capacity. A summary of Key Personnel is described below:

Oscar Ruiz, ***Project Manager, Community Through Colors***: Edgar Oscar Ruiz has served as the Executive Director of Community Through Colors since 2016. Mr. Ruiz will have oversight of the project to ensure that programmatic and financial objectives are achieved on-time and within budget. Mr. Ruiz lives and works in Vieques, and has experience in resilient community development, disaster response, renewable energy and agricultural projects. Mr. Ruiz has developed a strong relationship with multiple community organizations in Vieques that will help achieve project goals. Mr. Ruiz has led multiple efforts to deploy containerized solar microgrid systems to power clinics and schools in Puerto Rico after Hurricane Maria. Mr. Ruiz is a military veteran with experience in resilient community development and has a strong relationship with the directors of other non-profit organizations in Vieques.

Dayanara Cruz Maldonado, ***ViequesLove***: Dayanara Cruz Maldonado was born and raised in Vieques, Puerto Rico, and is bilingual in both written and spoken English and Spanish. She is one of the few young Viequense women to own her own business: managing residential properties. In 2018 she started working with ViequesLove as an office administrator and became a community liaison. In 2020 when the pandemic began, she began working with Jorge Fernadez Porto on the Contact Tracing Team, and became the project manager. She oversees the meetings with the VOAD team and the Long-Term Recovery Group. Dayanara Cruz Maldonado is married with three teenage children and enjoys all types of music, movies, and crochet; sometimes all at the same time.

Yaritza Pérez, *COREFI*: Yaritza is the executive director for COREFI, and provides a strong connection between the community and support organizations. COREFI provides direct services to disadvantaged and underserved communities in Vieques, Puerto Rico. Established in 2008 as a response to the overwhelming number of neglected residents, they have worked to identify and serve the most isolated citizens who lack other support systems. Many are ill, bedridden, or physically unable to leave their homes. Currently, they assist hundreds of residents on a regular basis with critical services and basic human necessities such as rood and water, medication, and accessibility. As an organization, they have identified the most critical population in Vieques and identified the most essential needs.

Edgar Reyes Maneiro: Edgar Reyes brings over fifteen years of experience managing, producing, creating, and broadcasting information on several radio stations. He graduated from the Connecticut School of Broadcasting and has since served as head of operations, show producer, controller, and on air personality. He currently lives and works in Vieques and is well connected with the community and their needs and desires for radio information. Edgar Reyes oversaw and operated the emergency radio license after Hurricane Fiona. He also communicates and shares messages with the community by driving a truck with loudspeakers to convey important or timely information to residents.

Beth Straight, *Community Through Colors*: Beth Straight joined Community Through Colors in 2021, acting as the operations and data manager for several projects operating under USDA programs. Ms. Straight currently resides in Vieques, and has worked to develop and strengthen relations with local businesses and organizations over the past year on a foundation of trust and reliability. Further, her experience capacity building renewable energy, agriculture, and waste diversion projects will ensure all components of the project are completed for the benefit of the community.

Joseph Siegel, *Sustainable Designs*: Mr. Siegel will apply his skill set to help CTC with project management, financial management, quality assurance and quality control, data management, and project reporting. Mr. Siegel has experience working for clients that include, but are not limited to: US Department of Agriculture, Environmental Protection Agency, US Army, Department of Energy, and the World Bank. Mr. Siegel is the Co-Project Manager of CTC's two projects under the USDA's BFRDP and CFP programs. He will help CTC ensure data is shared between collaborators and prepare inputs to meet EPA requirements for this project.

***c.* Expenditure of Awarded Grant Funds Plan**

CTC is committed to equitably and transparently distributing the grant funds as described in the budget, maintaining appropriate records of personnel and expenditures, and reporting all associated costs. CTC will work closely with project partners to ensure that funds are appropriately allocated to each organization to complete their responsibilities associated with realizing the objectives of this project. CTC's Expenditure of Awarded Grant Funds Plan is in accordance with EPA's Pre-Award Compliance Review for Nonprofit Organizations.

To ensure the timely and efficient expenditure of the awarded grant funds, CTC will implement the following procedures:

- *Budget Management:* Maintaining a detailed budget that will outline all the planned expenditures, monitoring the budget regularly to ensure that expenditures are within the budgetary limits. Any variations from the budget will be documented and reported.

- *Financial Management:* Keeping accurate records of all expenditures to ensure all funding is used for relevant and appropriate purposes within the grant limitations and project scope.

- *Reporting:* Providing reports on the project as per reporting requirements, to include progress, budget, community feedback, performance measures, and team development.

- *Controls:* To ensure all funds are equitably and appropriately allocated, collecting written justifications or receipts for all non-personnel expenditures. Any issues or concerns with funding distribution will be identified and promptly addressed.

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5.0 PAST PERFORMANCE

Community Through Colors is the lead organization on two active projects supported by the following US Department of Agriculture grant programs:

- the Beginning Farmers and Ranchers Development Program (BFRDP), and
- the Community Food Project (CFP) program.

CTC has been on-time in project reporting and within budget on both of these projects. CTC's coordination with team members and project stakeholders have ensured that project outputs and outcomes have been successfully realized. The CTC management plan and process has allowed information to be relayed clearly and in a timely manner so project team members understand their role and requirements in the context of larger project goals.

6.0 QUALITY ASSURANCE PROJECT PLAN

After reviewing the Quality Assurance Project Plan Requirement guidelines, Community Through Colors has determined that this project does not require a Quality Assurance Project Plan. To each of the questions listed in the associated Appendix the response was No, and the project will not involve the use of existing environmental data or the collection of new data.

In conclusion, the Community Through Colors team is ready to hit the ground running and improve the resiliency and safety of the most vulnerable populations in the underserved community of Vieques, Puerto Rico!

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Manifest for Grant Application # GRANT13862099

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 26720 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16061 bytes)

2. Form SF424A-V1.0.pdf (size 23056 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40274 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15933 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23940 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37196 bytes)

Attachments Included in Zip File (total 6):

1. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-EPA-R-OEJECR-OCS-23-01_Community_Through_Colors_Project_Narrative Final.pdf application/pdf (size 353611 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-EPA-R-OEJECR-OCS-23-01_Community_Through_Colors_Budget_Narrative Final.docx.pdf application/pdf (size 123882 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-EPA-R-OEJECR-OCS-23-01_Community_Through_Colors_Resume.pdf application/pdf (size 898928 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-EPA-R-OEJECR-OCS-23-01_Community_Through_Colors_letters of commitment.pdf application/pdf (size 1288205 bytes)

5. SF424_4_0 SF424_4_0-1239-Vieques Puerto Rico Map.pdf application/pdf (size 51985 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-EPA-R-OEJECR-OCS-23-01_Community_Through_Colors_Logic_Model.pdf application/pdf (size 54764 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-logic model.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-COPI - EPA Grant_Workplan.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

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BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Administration		$	$	$	$	$
2. Cleanup, Reforestation, and Monitoring						
3. Project Management						
4. Education and Community Outreach						
5. Totals		$	$	$	$	$

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) Administration	(2) Cleanup, Reforestation, and Monitoring	(3) Project Management	(4) Education and Community Outreach	Total (5)
a. Personnel	$ 30,000.00	$ 50,000.00	$ 30,000.00	$ 20,000.00	$ 130,000.00
b. Fringe Benefits					
c. Travel		2,000.00		500.00	2,500.00
d. Equipment		7,000.00			7,000.00
e. Supplies		4,000.00		1,500.00	5,500.00
f. Contractual					
g. Construction		2,000.00			2,000.00
h. Other		3,000.00			3,000.00
i. Total Direct Charges (sum of 6a-6h)	30,000.00	68,000.00	30,000.00	22,000.00	$ 150,000.00
j. Indirect Charges					$
k. TOTALS (sum of 6i and 6j)	$ 30,000.00	$ 68,000.00	$ 30,000.00	$ 22,000.00	$ 150,000.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Administration	$ 0.00	$ 0.00	$ 0.00	$ 0.00
9. Cleanup, Reforestation, and Monitoring	0.00	0.00	0.00	0.00
10. Project Management	0.00	0.00	0.00	0.00
11. Education and Community Outreach	0.00	0.00	0.00	0.00
12. TOTAL (sum of lines 8-11)	$ 0.00	$ 0.00	$ 0.00	$ 0.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$	$	$	$	$
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$	$	$	$	$

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Administration	$	$	$	$
17. Cleanup, Reforestation, and Monitoring				
18. Project Management				
19. Education and Community Outreach				
20. TOTAL (sum of lines 16 - 19)	$	$	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: 150,000

22. Indirect Charges: 0

23. Remarks:

Tracking Number:GRANT13862040 Funding Opportunity Number:EPA-R-OEJECR-OCS-23-01 Received Date:Apr 14, 2023 10:03:12 PM EDT

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Resources	Activities	Outputs
Time (especially time away from COPI's other community projects	cleanup brush/solid waste from mangrove channels and lagoons	clear mangrove channels and consequent improvemenof water flow and the prevention of floding during storms
COPI: staff, facilities	plant mangrove trees	forest growth (and consequently cleaner air)
Partners: Vanderbilt University, LimPiaR, DRNA	harvest seeds for nursery	resident involvement in conservation strategies
private vehicles, COPI's boat (and other navigating equipment), and COPI's tool	disperse seeds in deforeted areas	business involvent in strategies for conservation and the growth of ecotourism
COPI's mangrove nursery	monitor rate of plant growth/death in reforestation areas	less trash in the streets, beaches, and forest of Piñones
	monitor floding in the community during storms	documentation of best practices and mistakes to guide future conservation efforts by COPI, residents, and business owners
	monitor visible pollution within the forest	
	community outreach to learn about past conservation practices and threads to mangrove ecosystem	
	community outreach to business owners without proper means to dispose of waste	

Audience	Short-Term Outcomes	Intermediate Outcomes	Long-Term Outcomes
business owners	a visible/proven effort of viable conservation for residens, business owners, and governmental	institutionalization of conservation mechanism for the community and business owners	environmental policies by the local and state government to institutionalize the conservation of the
residents		an analysis of the best practices and mistakes to guide future conservation efforts by COPI, residents, and business owners	long-lasting conservation of the forest
decision makers in DRNA		strategies for public policy advocacy	

	Description
Personnel (total = 130,000)	Administrator @ $15,000 per year to COPI for offsetting the cost and time that the executive director and other support staff have to divert from other tasks and to directly compensate for this work this project. Project Manager: @ $15,000 per year to compensate field and project managers. Field staff @ $25,000 per year for daily work in the field (planting, cleanup, monitoring) - part-time staff varies from week to week and season to season, so this is an estimate of 10-25 staff @4-6 hours per day Education and Community Outreach @ $10, 000 per year for programing activities meant to reach residents, business owners, schools, and government stakeholders
Travel (total = 2,500_	Field projects: @ $1,000 per year gasoline/oil for vehicles and boats Education and Community outreach @$250 per year to pay for gas for education outreach activities outside of COPU
Equipment (total = 7,000)	field projects @ $3,500 per year to purchase planting equipment, work uniforms (especially boots), and brush clean-up equipment. This sum also accounts for the possible need to purchase equipment for water quality and pollution monitoring (e.g., multiparameter photometer, dissolved oxygen meter, pH tester, salinity tester, turbidity meter,nitrogen/nitrate tester, phosphate test kit, solvent-free membrane recoverable oil and grease by infrared determination, nutrient agar kit
Supplies (total = 5,500)	Field project @ $2,000 per year for water, food, sunscreen, repellent, first aid, and miscellaneous field need (.e.g., wood and paint for posts and signs) Educational outreach @ $750 per year for publication costs and other materials for community events
Construction (total = 2,000)	field projects @$1,000 per year for the nursery maintenance and expansion, and for building structures to prevent newly planted mangroves from washing away
Other (total = 3,000)	Field projects @ $1,500 per year to pay for repairs of broken field equipment (particularly, motor on boat and electric tools for bruch cleanup)

CORPORACION PIÑONES SE INTEGRA

NOMINA DEL 1 Al 15 DE MARZO DE 2023

NOMINA DEL 1 AL 15 DE MARZO DE 2023

EMPLEADO	HORAS	SUELDO BRUTO	SEG. SOC. Y MED	SUELDO NETO	Número Ck
MARIFE ROMAN RIVERA	63	$ 693.00	$ 53.01	$ 639.99	CO2279
ALEXIS N. RIVERA CLEMENTE	40	$ 440.00	$ 33.66	$ 406.34	CO2280
JULIO CARROMERO ALBANDOZ	68.5	$ 753.50	$ 57.64	$ 695.86	BP2837
CARLOS CALDERON RODRIGUEZ	8	$ 80.00	$ 6.12	$ 73.88	CO2281
ORLANDO TOMASINA CORREA	12	$ 120.00	$ 9.18	$ 110.82	BP2838
MARCOS PENALOZA CRUZ	12	$ 120.00	$ 9.18	$ 110.82	BP2839
JORGE CLEMENTE RIVERA	36.4	$ 309.40	$ 23.67	$ 285.73	CO2282
KETSI AWILDA ORTIZ CALDERON	46.5	$ 465.00	$ 35.57	$ 429.43	CO2283
		$ 2,980.90	$ 228.04	$ 2,752.86	
MARICRUZ RIVERA CLEMENTE		$ 1,650.00	$ 126.23	$ 1,523.78	BP2840
MARCOS A. PENALOZA PICA		$1,300.00	$99.45	$1,200.55	BP2841
				$ 5,477.19	

CORPORACION PIÑONES SE INTEGRA

NOMINA DEL 16 Al 31 DE MARZO DE 2023

NOMINA DEL 16 AL 31 DE MARZO DE 2023

EMPLEADO	HORAS	SUELDO BRUTO	SEG. SOC. Y MED	SUELDO NETO	Número Ck
MARIFE ROMAN RIVERA	86	$ 946.00	$ 72.37	$ 873.63	CO2295
ALEXIS N. RIVERA CLEMENTE	32	$ 352.00	$ 26.93	$ 325.07	CO2296
JULIO CARROMERO ALBANDOZ	71	$ 781.00	$ 59.75	$ 721.25	BP2842
CARLOS CALDERON RODRIGUEZ	22	$ 220.00	$ 16.83	$ 203.17	CO2297
ORLANDO TOMASINA CORREA	36	$ 360.00	$ 27.54	$ 332.46	BO2843
MARCOS PENALOZA CRUZ	12	$ 120.00	$ 9.18	$ 110.82	BP2844
JORGE CLEMENTE RIVERA	37	$ 314.50	$ 24.06	$ 290.44	CO2298
KETSI AWILDA ORTIZ CALDERON	52.6	$ 526.00	$ 40.24	$ 485.76	CO2299
		$ 3,619.50	$ 276.89	$ 3,342.61	
MARICRUZ RIVERA CLEMENTE		$ 1,650.00	$ 126.23	$ 1,523.78	BP2845
MARCOS A. PENALOZA PICA		$1,300.00	$99.45	$1,200.55	BP2846
				$ 6,066.93	

CORPORACION PIÑONES SE INTEGRA

NOMINA DEL 1 Al 15 DE ENERO DE 2023

NOMINA DEL 1 AL 15 DE ENERO DE 2023

EMPLEADO	HORAS	SUELDO BRUTO	SEG. SOC. Y MED	SUELDO NETO	Número Ck
MARIFE ROMAN RIVERA	65.5	$ 720.50	$ 55.12	$ 665.38	CO224
ALEXIS N. RIVERA CLEMENTE	29	$ 319.00	$ 24.40	$ 294.60	CO2225
JULIO CARROMERO ALBANDOZ	56	$ 616.00	$ 47.12	$ 568.88	BP2823
CARLOS CALDERON RODRIGUEZ	39.5	$ 395.00	$ 30.22	$ 364.78	CO226
		$ -	$ -	$ -	
		$ -	$ -	$ -	
JORGE CLEMENTE RIVERA	27.5	$ 233.75	$ 17.88	$ 215.87	CO2227
KETSI AWILDA ORTIZ CALDERON	39	$ 390.00	$ 29.84	$ 360.17	CO228
		$ 2,674.25	$ 204.58	$ 2,469.67	
MARICRUZ RIVERA CLEMENTE		$ 1,650.00	$ 126.23	$ 1,523.78	BP2824
Servicios Profesionales					
MARCOS A. PENALOZA PICA		$1,300.00	$99.45	$1,200.55	BP2825
				$ 5,193.99	

CORPORACION PIÑONES SE INTEGRA

NOMINA DEL 1 Al 15 DE FEBRERO DE 2023

NOMINA DEL 1 AL 15 DE FEBRERO DE 2023

EMPLEADO	HORAS	SUELDO BRUTO	SEG. SOC. Y MED	SUELDO NETO	Número Ck
MARIFE ROMAN RIVERA	40	$ 440.00	$ 33.66	$ 406.34	2263CO
ALEXIS N. RIVERA CLEMENTE	16	$ 176.00	$ 13.46	$ 162.54	2264CO
JULIO CARROMERO ALBANDOZ	76	$ 836.00	$ 63.95	$ 772.05	2830BP
CARLOS CALDERON RODRIGUEZ	16	$ 160.00	$ 12.24	$ 147.76	2265CO
		$ -	$ -	$ -	
		$ -	$ -	$ -	
JORGE CLEMENTE RIVERA	37.5	$ 318.75	$ 24.38	$ 294.37	2266CO
KETSI AWILDA ORTIZ CALDERON	43	$ 430.00	$ 32.90	$ 397.11	2267CO
		$ 2,360.75	$ 180.60	$ 2,180.15	
MARICRUZ RIVERA CLEMENTE		$ 1,650.00	$ 126.23	$ 1,523.78	2831BP
MARCOS A. PENALOZA PICA		$1,300.00	$99.45	$1,200.55	2832BP
				$ 4,904.48	

CORPORACION PIÑONES SE INTEGRA

NOMINA DEL 16 Al 28 DE FEBRERO DE 2023

NOMINA DEL 16 AL 28 DE FEBRERO DE 2023

EMPLEADO	HORAS	SUELDO BRUTO	SEG. SOC. Y MED	SUELDO NETO	Número Ck
MARIFE ROMAN RIVERA	53	$ 583.00	$ 44.60	$ 538.40	2270CO
ALEXIS N. RIVERA CLEMENTE	24	$ 264.00	$ 20.20	$ 243.80	2271CO
JULIO CARROMERO ALBANDOZ	45	$ 495.00	$ 37.87	$ 457.13	2834BP
CARLOS CALDERON RODRIGUEZ	16	$ 160.00	$ 12.24	$ 147.76	2272CO
		$ -	$ -	$ -	
		$ -	$ -	$ -	
JORGE CLEMENTE RIVERA	33.5	$ 284.75	$ 21.78	$ 262.97	2273CO
KETSI AWILDA ORTIZ CALDERON	38	$ 380.00	$ 29.07	$ 350.93	2274CO
		$ 2,166.75	$ 165.76	$ 2,000.99	
MARICRUZ RIVERA CLEMENTE		$ 1,650.00	$ 126.23	$ 1,523.78	2835BP
MARCOS A. PENALOZA PICA		$1,300.00	$99.45	$1,200.55	2836BP
				$ 4,725.32	

CORPORACION PIÑONES SE INTEGRA

NOMINA DEL 16 Al 31 DE ENERO DE 2023

NOMINA DEL 16 AL 31 DE ENERO DE 2023

EMPLEADO	HORAS	SUELDO BRUTO	SEG. SOC. Y MED	SUELDO NETO	Número Ck
MARIFE ROMAN RIVERA	60	$ 660.00	$ 50.49	$ 609.51	2233CO
ALEXIS N. RIVERA CLEMENTE	40	$ 440.00	$ 33.66	$ 406.34	2234CO
JULIO CARROMERO ALBANDOZ	65	$ 715.00	$ 54.70	$ 660.30	2826BP
CARLOS CALDERON RODRIGUEZ	8	$ 80.00	$ 6.12	$ 73.88	2235CO
		$ -	$ -	$ -	
		$ -	$ -	$ -	
JORGE CLEMENTE RIVERA	33.85	$ 287.73	$ 22.01	$ 265.71	2236CO
KETSI AWILDA ORTIZ CALDERON	59.5	$ 595.00	$ 45.52	$ 549.48	2237CO
		$ 2,777.73	$ 212.50	$ 2,565.23	
MARICRUZ RIVERA CLEMENTE		$ 1,650.00	$ 126.23	$ 1,523.78	2827BP
MARCOS A. PENALOZA PICA		$1,300.00	$99.45	$1,200.55	2828BP
				$ 5,289.55	

Areas Affected by Project: Loiza, Puerto Rico

Manifest for Grant Application # GRANT13862040

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 28856 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16042 bytes)

2. Form SF424A-V1.0.pdf (size 23166 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40288 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15911 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23929 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37347 bytes)

Attachments Included in Zip File (total 10):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-logic model.pdf application/pdf (size 37917 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-DRNA_Carta Copi.pdf application/pdf (size 265403 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-VU_support letter.docx application/vnd.openxmlformats-officedocument.wordprocessingml.document (size 79262 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-Support letter-COPI & LimPiaR.pdf application/pdf (size 166703 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-pay_roster_proof of full time staff under 5.pdf application/pdf (size 219126 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-CV MARICRUZ RIVERA CLEMENTE.pdf application/pdf (size 89403 bytes)

7. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-COPI - EPA Grant_Workplan.pdf application/pdf (size 127018 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1242-detailed budget.pdf application/pdf (size 41064 bytes)

9. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-proof of 501c3.pdf application/pdf (size 655431 bytes)

10. SF424_4_0 SF424_4_0-1243-areas affected by project.pdf application/pdf (size 11726 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1234-Great Swamp Watershed Association EJCPS Budge

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1247-Developing a Youth Advocacy Corps. to Identify an

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Environmental Justice Collaborative Problem-Solving (EJPS)Cooperative Agreement Program	66.306	$	$	$ 491,313.00	$	$ 491,313.00
2.						
3.						
4.						
5. Totals		$	$	$ 491,313.00	$	$ 491,313.00

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Prescribed by OMB (Circular A -102) Page 1

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1)	(2)	(3)	(4)	Total (5)
	Environmental Justice Collaborative Problem-Solving (EJPS)Cooperative Agreement Program				
a. Personnel	$ 158,803.00	$	$	$	$ 158,803.00
b. Fringe Benefits	39,700.00				39,700.00
c. Travel	3,000.00				3,000.00
d. Equipment					
e. Supplies	94,000.00				94,000.00
f. Contractual	131,200.00				131,200.00
g. Construction					
h. Other	64,610.00				64,610.00
i. Total Direct Charges (sum of 6a-6h)	491,313.00				$ 491,313.00
j. Indirect Charges					$
k. TOTALS (sum of 6i and 6j)	$ 491,313.00	$	$	$	$ 491,313.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Environmental Justice Collaborative Problem-Solving(EJPS) Cooperative Agreement Program	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 147,020.00	$ 36,754.00	$ 36,755.00	$ 36,755.00	$ 36,756.00
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 147,020.00	$ 36,754.00	$ 36,755.00	$ 36,755.00	$ 36,756.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Environmental Justice Collaborative Problem-Solving(EJPS) Cooperative Agreement Program	$ 147,020.00	$ 165,220.00	$ 179,073.00	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 147,020.00	$ 165,220.00	$ 179,073.00	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges:

23. Remarks: Contracts: NJIT -$81,200; Rutgers - $30,000; TPL -$20,000. Supplies: rain garden, catch basin materials- $90,000; T-shirts/food- $4000 Other: Student stipends - $5184; meeting space -$15000; GSWA overhead for project management - $44,426

Great Swamp Watershed Association EJCPS Budget Detail		
Salary and Fringe:	**Requested**	**Notes**
GSWA Program Liaison	$122,803	Program Liaison -$26K Year One, $40,560 Year Two, $56,243 Year Three
GSWA Program Manager	$36,000	$12000/year for 3 years
Fringe	$39,700	(25% fringe benefits)
Subcontract:		
NJIT	$81,200	Boufadel,PhD students, Part-time students, Postdoc, supplies and overhead
Rutgers	$30,000	Technical support, Dr. Obropta. $10K per year, for 3 years
TPL	$20,000	Technical support from Scott Dvorak,$6,666 per year for 3 years
Supplies/Materials:		
Rain Garden Materials, Catch Basin materials	$90,000	($15k/rain garden) 15k/year for other projects
T-shirts for program participants	$4,000	T-shirts and food for up to 300 students
Mileage/Travel:	$3,000	Local travel for GSWA Program Manager and Program Liaison to and from program meetings and sites @ $1K/yr for 3 years
Stipends for Summer Student Assistants:	$5,184	Summer Garden Assistants - $12/hr for 3 hrs/week for 12 weeks for 4 students for 3 years
Rent for Program Space	$15,000	Rental of meeting space at BGCPP - $100/hr/1 hr/week for 50 weeks for 3 years
Overhead (10%):	$44,426	(GSWA's cost to manage the grant, insurance, etc)
Total Cost:	**$491,313**	

Manifest for Grant Application # GRANT13861015

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 31425 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16057 bytes)

2. Form SF424A-V1.0.pdf (size 23191 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40256 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15930 bytes)

5. Form SF424_4_0-V4.0.pdf (size 24005 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37300 bytes)

Attachments Included in Zip File (total 16):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1243-Urban Wilderness Letter of Support.pdf application/pdf (size 817539 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1244-ROGSupportLetter.pdf application/pdf (size 723401 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1242-Tatiana Morales (002).pdf application/pdf (size 73925 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-Tyshon Johnson Resume'.pdf application/pdf (size 174162 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-Sally Rubin Resume.pdf application/pdf (size 129556 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-Letter of Commitment TPL.pdf application/pdf (size 93213 bytes)

7. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-Letter of resource commitment-NJIT.pdf application/pdf (size 98956 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-Letter of Commitment Rutgers.pdf application/pdf (size 164336 bytes)

9. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-Letter_of_Committment_TNC_Signed (002).pdf application/pdf (size 211259 bytes)

10. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-Letter of Commitment BGCPP.pdf application/pdf (size 147781 bytes)

11. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1247-Developing a Youth Advocacy Corps. to Identify and Implement Environmental Solutions.pdf application/pdf (size 487709 bytes)

12. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1248-NJIT -Sample EJ Issues and Projects .pdf application/pdf (size 1037485 bytes)

13. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1234-Great Swamp Watershed Association EJCPS Budget Detail .pdf application/pdf (size 125623 bytes)

14. SF424_4_0 SF424_4_0-1249-Paterson NJ -EJ Screen Report.pdf application/pdf (size 2003762 bytes)

15. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1245-Paterson STEAM letter of support.pdf application/pdf (size 145304 bytes)

16. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1246-IRS 501 c 3 certification letter 2017.pdf application/pdf (size 392813 bytes)

EJScreen Report (Version 2.11)

City: Paterson, NEW JERSEY, EPA Region 2

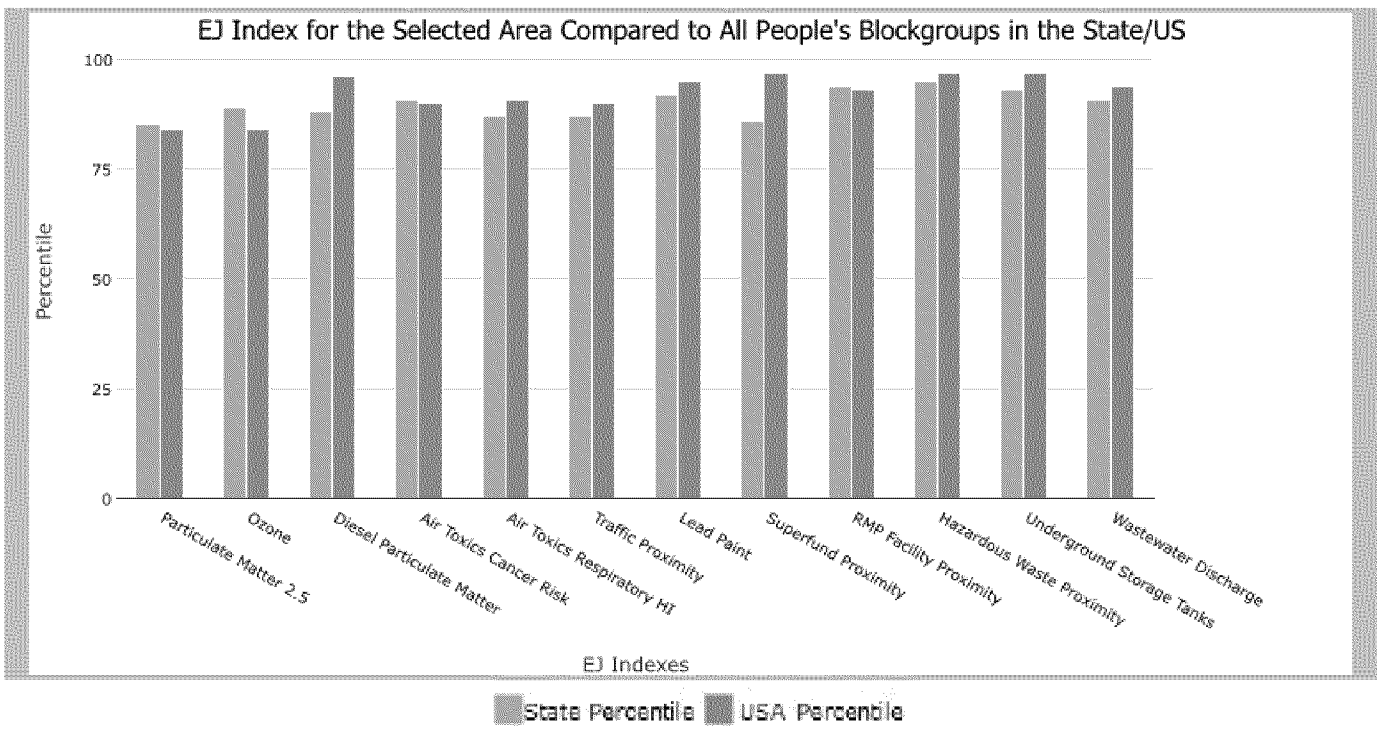
Approximate Population: 145,484

Input Area (sq. miles): 8.71

Paterson

Selected Variables	State Percentile	USA Percentile
Environmental Justice Indexes		
Particulate Matter 2.5 EJ index	85	84
Ozone EJ index	89	84
Diesel Particulate Matter EJ index*	88	96
Air Toxics Cancer Risk EJ index*	91	90
Air Toxics Respiratory HI EJ index*	87	91
Traffic Proximity EJ index	87	90
Lead Paint EJ index	92	95
Superfund Proximity EJ index	86	97
RMP Facility Proximity EJ index	94	93
Hazardous Waste Proximity EJ index	95	97
Underground Storage Tanks EJ index	93	97
Wastewater Discharge EJ index	91	94

EJ Indexes - The EJ indexes help users screen for potential EJ concerns. To do this, the EJ index combines data on low income and people of color populations with a single environmental indicator.



*Diesel particular matter, air toxics cancer risk, and air toxics respiratory hazard index are from the EPA's Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. Cancer risks and hazard indices from the Air Toxics Data Update are reported to one significant figure and any additional significant figures here are due to rounding. More information on the Air Toxics Data Update can be found at: https://www.epa.gov/haps/air-toxics-data-update.

ED_016126_00000871-00001

EJScreen Report (Version 2.11)

City: Paterson, NEW JERSEY, EPA Region 2

Approximate Population: 145,484

Input Area (sq. miles): 8.71

Paterson



Sites reporting to EPA	
Superfund NPL	0
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	10

EJScreen Report (Version 2.11)

City: Paterson, NEW JERSEY, EPA Region 2

Approximate Population: 145,484

Input Area (sq. miles): 8.71

Paterson

Selected Variables	Value	State Avg.	%ile in State	USA Avg.	%ile in USA
Pollution and Sources					
Particulate Matter 2.5 (µg/m^3)	8.75	8.34	62	8.67	55
Ozone (ppb)	42.1	42.1	50	42.5	49
Diesel Particulate Matter* (µg/m^3)	0.654	0.52	70	0.294	90-95th
Air Toxics Cancer Risk* (lifetime risk per million)	30	29	90	28	80-90th
Air Toxics Respiratory HI*	0.4	0.38	78	0.36	80-90th
Traffic Proximity (daily traffic count/distance to road)	1400	920	82	760	86
Lead Paint (% Pre-1960 Housing)	0.64	0.4	70	0.27	82
Superfund Proximity (site count/km distance)	0.38	0.45	67	0.13	93
RMP Facility Proximity (facility count/km distance)	1.4	0.76	83	0.77	83
Hazardous Waste Proximity (facility count/km distance)	9.2	3.3	90	2.2	94
Underground Storage Tanks (count/km^2)	46	15	91	3.9	99
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.086	0.24	87	12	84
Socioeconomic Indicators					
Demographic Index	71%	33%	91	35%	90
Supplemental Demographic Index	25%	12%	91	15%	89
People of Color	92%	45%	89	40%	90
Low Income	50%	22%	88	30%	79
Unemployment Rate	7%	6%	72	5%	73
Limited English Speaking Households	24%	7%	92	5%	94
Less Than High School Education	24%	10%	89	12%	85
Under Age 5	8%	6%	75	6%	74
Over Age 64	12%	16%	36	16%	34
Low Life Expectancy	19%	18%	63	20%	46

EJScreen is a screening tool for pre-decisional use only. It can help identify areas that may warrant additional consideration, analysis, or outreach. It does not provide a basis for decision-making, but it may help identify potential areas of EJ concern. Users should keep in mind that screening tools are subject to substantial uncertainty in their demographic and environmental data, particularly when looking at small geographic areas. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJScreen documentation for discussion of these issues before using reports. This screening tool does not provide data on every environmental impact and demographic factor that may be relevant to a particular location. EJScreen outputs should be supplemented with additional information and local knowledge before taking any action to address potential EJ concerns.

EJScreen Report (Version 2.11)

City: Paterson, NEW JERSEY, EPA Region 2

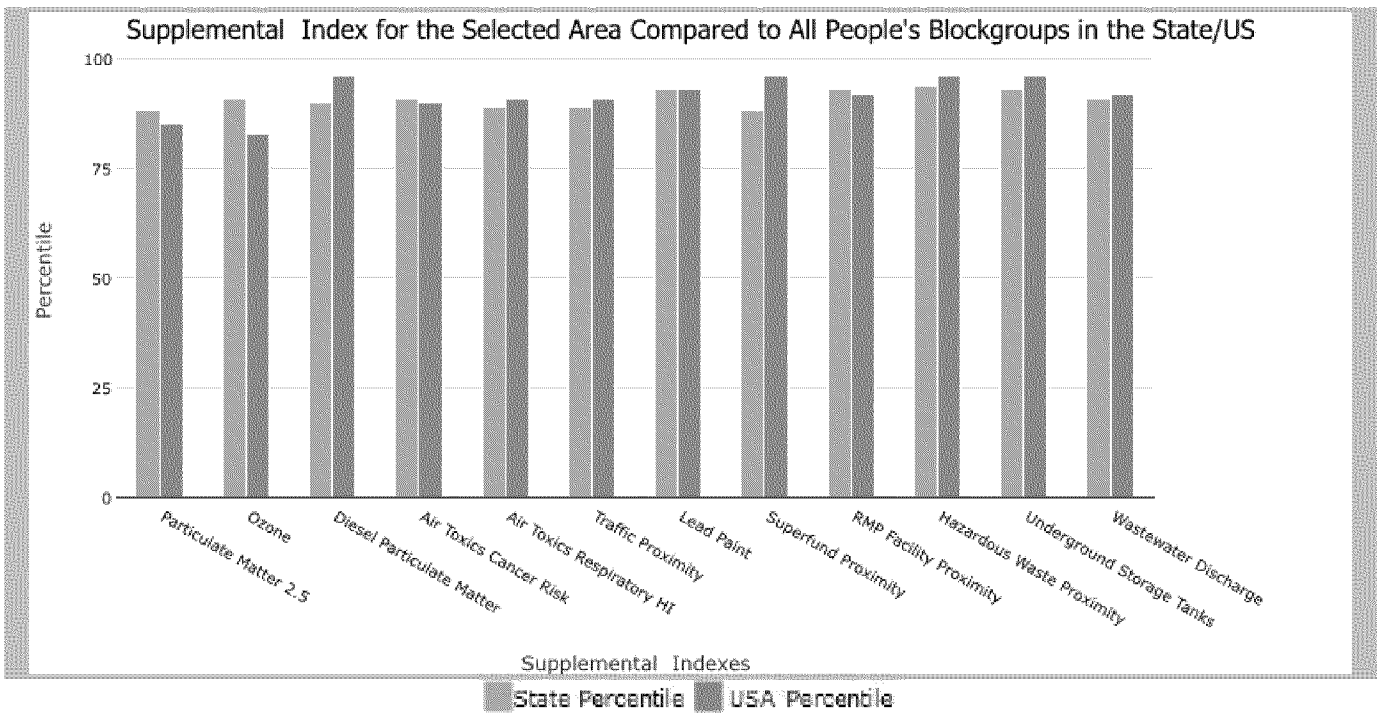
Approximate Population: 145,484

Input Area (sq. miles): 8.71

Paterson

Selected Variables	State Percentile	USA Percentile
Supplemental Indexes		
Particulate Matter 2.5 Supplemental Index	88	85
Ozone Supplemental Index	91	83
Diesel Particulate Matter Supplemental Index*	90	96
Air Toxics Cancer Risk Supplemental Index*	91	90
Air Toxics Respiratory HI Supplemental Index*	89	91
Traffic Proximity Supplemental Index	89	91
Lead Paint Supplemental Index	93	93
Superfund Proximity Supplemental Index	88	96
RMP Facility Proximity Supplemental Index	93	92
Hazardous Waste Proximity Supplemental Index	94	96
Underground Storage Tanks Supplemental Index	93	96
Wastewater Discharge Supplemental Index	91	92

Supplemental Indexes - The supplemental indexes offer a different perspective on community-level vulnerability. They combine data on low-income, limited English speaking, less than high school education, unemployed, and low life expectancy populations with a single environmental indicator.



This report shows the values for environmental and demographic indicators, EJScreen indexes, and supplemental indexes. It shows environmental and demographic raw data (e.g., the estimated concentration of ozone in the air), and also shows what percentile each raw data value represents. These percentiles provide perspective on how the selected block group or buffer area compares to the entire state, EPA region, or nation. For example, if a given location is at the 95th percentile nationwide, this means that only 5 percent of the US population has a higher block group value than the average person in the location being analyzed. The years for which the data are available, and the methods used, vary across these indicators. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJScreen documentation for discussion of these issues before using reports. For additional information, see: www.epa.gov/environmentaljustice.

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Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1234-GHHI Letters of Commitment.pdf

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Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1243-GHHI EPA EJCPSG Project Narrative.pdf

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To add more Project Narrative File attachments, please use the attachment buttons below.

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BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Environmental Justice Collaborative Problem Solving Grant Program	66.306	$	$	$ 500,000.00	$ 373,755.01	$ 873,755.01
2.						
3.						
4.						
5. Totals		$	$	$ 500,000.00	$ 373,755.01	$ 873,755.01

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) Environmental Justice Collaborative Problem Solving Grant Program	(2)	(3)	(4)	Total (5)
a. Personnel	$ 433,778.68	$	$	$	$ 433,778.68
b. Fringe Benefits	95,431.31				95,431.31
c. Travel	36,000.00				36,000.00
d. Equipment	0.00				0.00
e. Supplies	43,107.68				43,107.68
f. Contractual					
g. Construction					
h. Other	123,600.00				123,600.00
i. Total Direct Charges (sum of 6a-6h)	731,917.67				$ 731,917.67
j. Indirect Charges	141,837.34				$ 141,837.34
k. TOTALS (sum of 6i and 6j)	$ 873,755.01	$	$	$	$ 873,755.01
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Environmental Justice Collaborative Problem Solving Grant Program	$ 373,755.01	$	$	$ 373,755.01
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$ 373,755.01	$	$	$ 373,755.01

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 166,666.67	$ 41,666.67	$ 41,666.67	$ 41,666.67	$ 41,666.66
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 166,666.67	$ 41,666.67	$ 41,666.67	$ 41,666.67	$ 41,666.66

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Environmental Justice Collaborative Problem Solving Grant Program	$ 166,666.67	$ 166,666.66	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 166,666.67	$ 166,666.66	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: 731917.67

22. Indirect Charges: 141837.34

23. Remarks:

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Green & Healthy Homes Initiative®

Logic Model: Building Community Capacity and Advancing Environmental Justice to Address Racial Equity By Creating Healthy, Lead Safe and Climate Friendly Housing

Resources/ Inputs	Activities	Outputs	Audience	Short-Term Outcomes	Intermediate Outcomes	Long-Term Outcomes
-Project Staff -Project Partners	Hold 72 Bi-Monthly Meetings	• 72 Partner Meetings	9 Partners (NY, NJ, PR)	• Planning and strategizing for CBO/Stakeholder engagement, survey and registration • Data analysis and emerging issues resolution • Funding opportunity review • Newly formed partnerships	• CBO, Community Health Workers, and healthy housing professional training enrollment • Healthy housing ecosystem process improvement • Strengthened partnerships and enhanced trust • Increased coordination and referral among healthy housing service providers and other stakeholders	• Community residents will experience an increased and/or expanded healthy housing offering with greater efficiency • Reduction in housing health hazards • Increased access to energy-efficiency and electrifica

Resources/ Inputs	Activities	Outputs	Audience	Short-Term Outcomes	Intermediate Outcomes	Long-Term Outcomes
						tion services
-Project Staff -Online Training Platform	Hold 8 Asthma & Lead Awareness Training	• 8 trainings, each attended by 30 Community Health Workers (CHWs) • 240 CHWs receive asthma & lead awareness training and pre/post knowledge testing	CHWs in New Jersey, New York, Puerto Rico, and Virgin Islands	• 240 CHWs experience increased awareness about lead hazards and asthma triggers	• CHWs will be better equipped to recognize the origins and symptoms of home health hazards as well as available community resources, which will enhance resident health education	• Community residents served by trained CHWs will also experience increased lead/asthma awareness
-Project Staff -Online Training Platform	Hold 8 Health and Safety Housing Assessment Training	• 8 trainings, each attended by 30 CHWs • 240 receive health and safety housing assessment training and pre/post knowledge testing	CHWs in New Jersey, New York, Puerto Rico, and Virgin Islands	• 240 CHWs experience increased awareness about assessing client homes for health and safety hazards	• CHWs will be better equipped to recognize home safety and health hazards	• Community residents served by trained CHWs will also experience increased lead/asthma awareness and seek available

Resources/ Inputs	Activities	Outputs	Audience	Short-Term Outcomes	Intermediate Outcomes	Long-Term Outcomes
						remediation services at higher rates
-Project Staff -Online Training Platform -Subaward	Hold 8 Healthy Homes 101 Training for CHWs	• 8 introductory trainings, each attended by 30 CHWs, as an overview to healthy housing concepts • 240 CHWs receive healthy homes 101 training	CHWs in New Jersey, New York, Puerto Rico, and Virgin Islands	• 240 CHWs experience knowledge increase and broad overview of healthy homes elements and concepts	• CHWs will be better equipped to understand to be trained in lead, asthma, and healthy housing assessment home safety and health hazards	• Community residents served by trained CHWs will also experience increased healthy housing awareness and the elements of healthy homes
-Project Staff -Travel -Online Training Platform -Subaward -Toolkit & Printing	Hold 6 In-Person Integrated Model Boot Camps	• 6 in-person trainings on the integrated healthy housing model • 240 housing professionals receive integrated	CBOs, Local/State Government, Contractors in New Jersey, New York, Puerto Rico, and	• 240 housing professionals experience knowledge increase in integrated model concepts	• Healthy housing service providers will expand services and/or improve management of current healthy housing service offerings	• Community residents will experience an increased and/or expanded healthy housing offering

Resources/ Inputs	Activities	Outputs	Audience	Short-Term Outcomes	Intermediate Outcomes	Long-Term Outcomes
		model training	Virgin Islands			with greater efficiency
-Project Staff -Travel -Online Training Platform -Toolkit & Printing	Hold 8 In-Person & Virtual Health & Safety Housing Assessment Training for Assessors and Energy Auditors	• 8 in-person & virtual health & safety assessment trainings • 320 housing professionals receive health & safety assessment training	CBOs, Local/State Government, Contractors in New Jersey, New York, Puerto Rico, and Virgin Islands	• 320 housing professionals experience knowledge increase in health & safety housing assessment principles and best practices	• Healthy housing service providers will expand services and/or improve management of current healthy housing service offerings	• Community residents will experience an increased and/or expanded healthy housing offering with greater efficiency
-Project Staff -Travel -Online Training Platform -Toolkit & Printing	Hold 19 In-Person & Virtual Technical Assistance Training – CBO Capacity Building	• 19 In-Person & Virtual Technical Assistance Trainings • 320 housing professionals receive Virtual Technical Assistance Trainings	CBOs, Local/State Government, Contractors in New Jersey, New York, Puerto Rico, and Virgin Islands	• 320 housing professionals experience knowledge increase in managing healthy housing programs	• Healthy housing service providers will expand services and/or improve management of current healthy housing service offerings	• Community residents will experience an increased and/or expanded healthy housing offering with greater efficiency

Resources/ Inputs	Activities	Outputs	Audience	Short-Term Outcomes	Intermediate Outcomes	Long-Term Outcomes
-Project Staff -Online Training Platform	Hold 9 Virtual Technical Assistance Training – Innovative Funding Sources	• Hold 9 Virtual Innovative Funding Sources Trainings • 180 housing professionals receive Innovative Funding Sources Trainings	CBOs, Local/State Government, Contractors in New Jersey, New York, Puerto Rico, and Virgin Islands	• 180 housing professionals experience knowledge increase in their ability to seek and acquire healthy housing funding	• Healthy housing service providers will expand services and/or improve management of current healthy housing service offerings	• Community residents will experience an increased and/or expanded healthy housing offering with greater efficiency
-Project Staff -Travel -Online Training Platform -Subaward -Toolkit & Printing	Hold 9 In-Person and Virtual Technical Assistance Training – Green Jobs, Workforce Development, Contractor Capacity	• Hold 9 In-Person and Virtual Technical Assistance Training • 320 housing professionals with receive In-Person and Virtual Technical Assistance Training	CBOs, Local/State Government, Contractors in New Jersey, New York, Puerto Rico, and Virgin Islands	• 320 housing professionals experience knowledge increase in their knowledge of green jobs opportunities, promoting healthy homes workforce expansion	• New certifications and skills will be sought by training participants	• Existing healthy housing service providers will have additional personnel and/or contractors and/or partners to expand service offerings
-Project Staff	Hold 4 Virtual Technical Assistance	• Hold 4 Virtual Technical Assistance	CBOs, Local/State Governme	• xx housing professionals experience knowledge	• Healthy housing service providers will improve management of current	• Community residents will

Resources/ Inputs	Activities	Outputs	Audience	Short-Term Outcomes	Intermediate Outcomes	Long-Term Outcomes
-Online Training Platform	Training – Data and Evaluation	Training for Data and Evaluation • xx housing professionals will receive virtual Data and Evaluation Training	nt, Contractors in New Jersey, New York, Puerto Rico, and Virgin Islands	increase in managing healthy housing programs, specifically data capture, analysis, and use in program improvement	healthy housing service offerings	experience an increased and/or expanded healthy housing offering with greater efficiency
-Project Staff -Travel	Hold 3 In-Person GHHI Executive Leadership Institute Convenings	• Hold 3 In-Person GHHI Executive Leadership Institute Convenings • 60 housing professionals will attend the Executive Leadership Institute	CBOs, Local/State Government, Contractors in New Jersey, New York, Puerto Rico, and Virgin Islands	• 60 housing professionals will engage with leaders and cross-sector partners working to advance racial and health equity by improving housing conditions	• Healthy housing service providers will connect with thought leaders in various fields and gain greater insight regarding various healthy housing issues	• Greater diversity and levels of expertise to uncover pressing issues and contribute to future solutions
-Project Staff	Hold 3 National Decarbonization and Electrification Convenings	• Hold 3 National Decarbonization and Electrification Convenings • 60 housing professional	CBOs, Local/State Government, Contractors in New Jersey, New	• 60 housing professionals will engage with leaders and cross-sector partners working to advance	• Healthy housing service providers will connect with thought leaders in decarbonization/electrification and gain greater insight regarding the significance and need to incorporate climate	• Existing healthy housing service providers will have additional personnel and/or

Resources/ Inputs	Activities	Outputs	Audience	Short-Term Outcomes	Intermediate Outcomes	Long-Term Outcomes
		s will attend the National Decarbonization and Electrification Convenings	York, Puerto Rico, and Virgin Islands	climate resiliency for all, with a focus on racial and health equity	considerations into current service offerings	contractors and/or partners to expand service offerings
-Project Staff -Community Engagement and Awareness Supplies -Travel	36 Community Engagement Events	• Engage 5,400 residents through community engagement events	New Jersey, New York, Puerto Rico, and Virgin Islands	• 5,400 will experienced increased awareness of healthy housing concepts and available resources	• Community residents will increase engagement with healthy housing service providers	• Healthy housing service providers will have the demand to demonstrate the need for increased capacity

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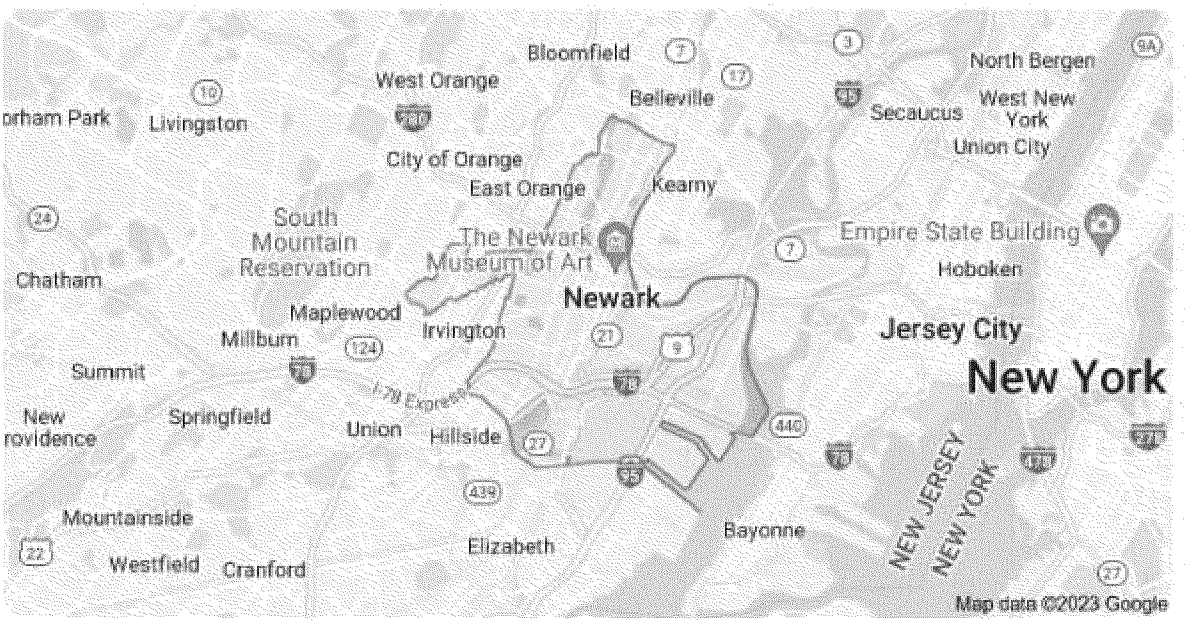
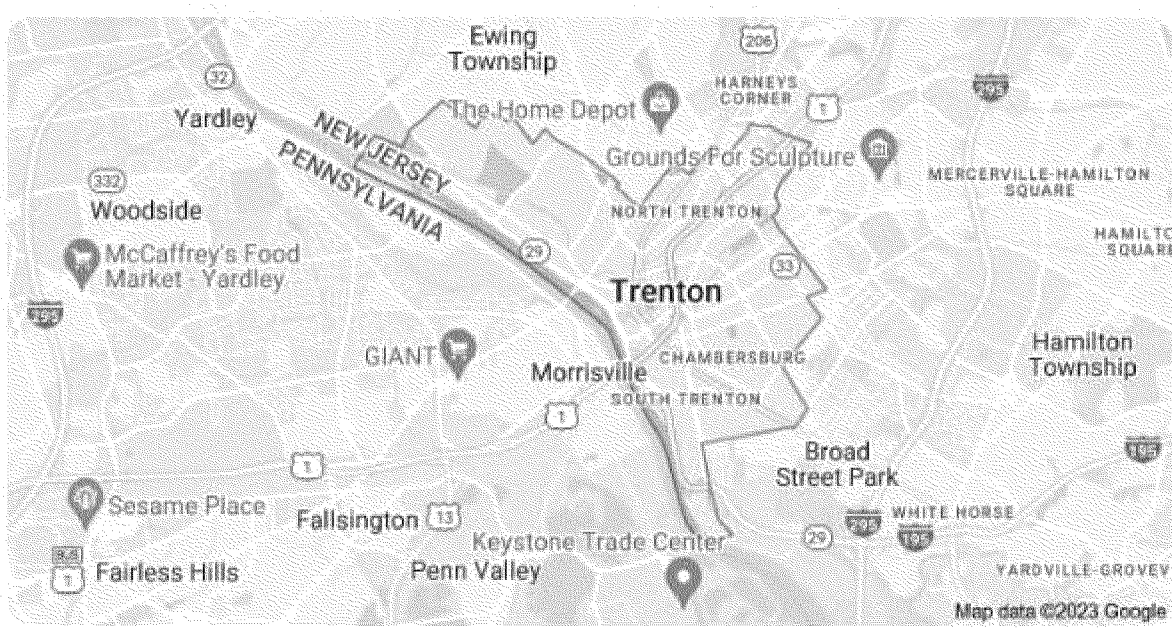
Areas Affected by Project



Newark, New Jersey



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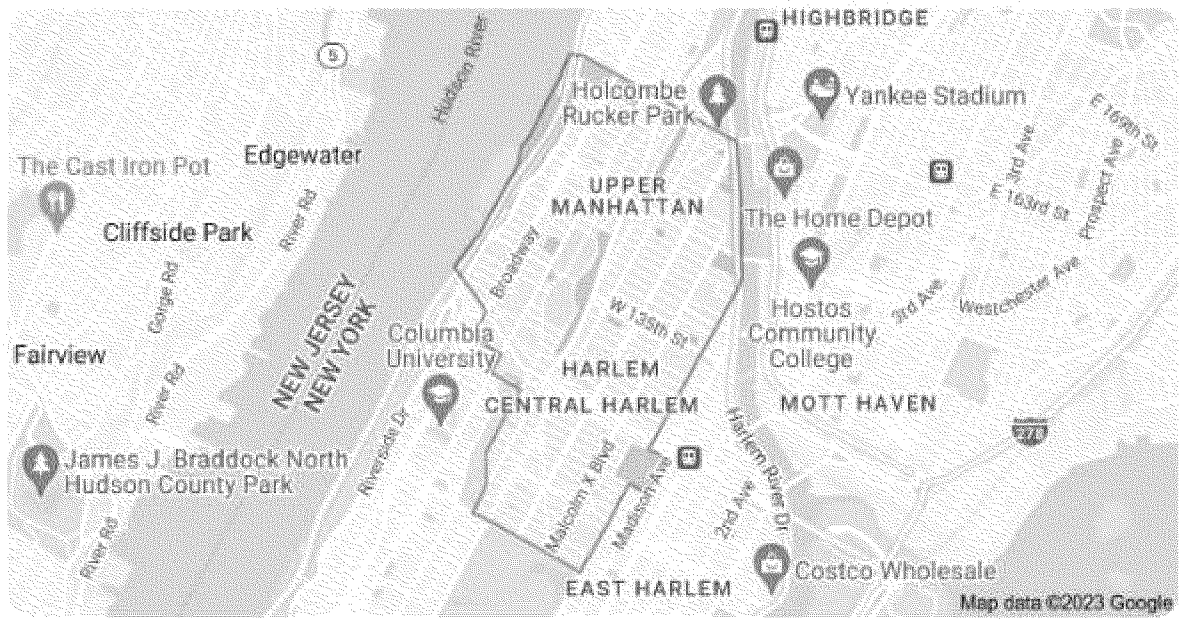
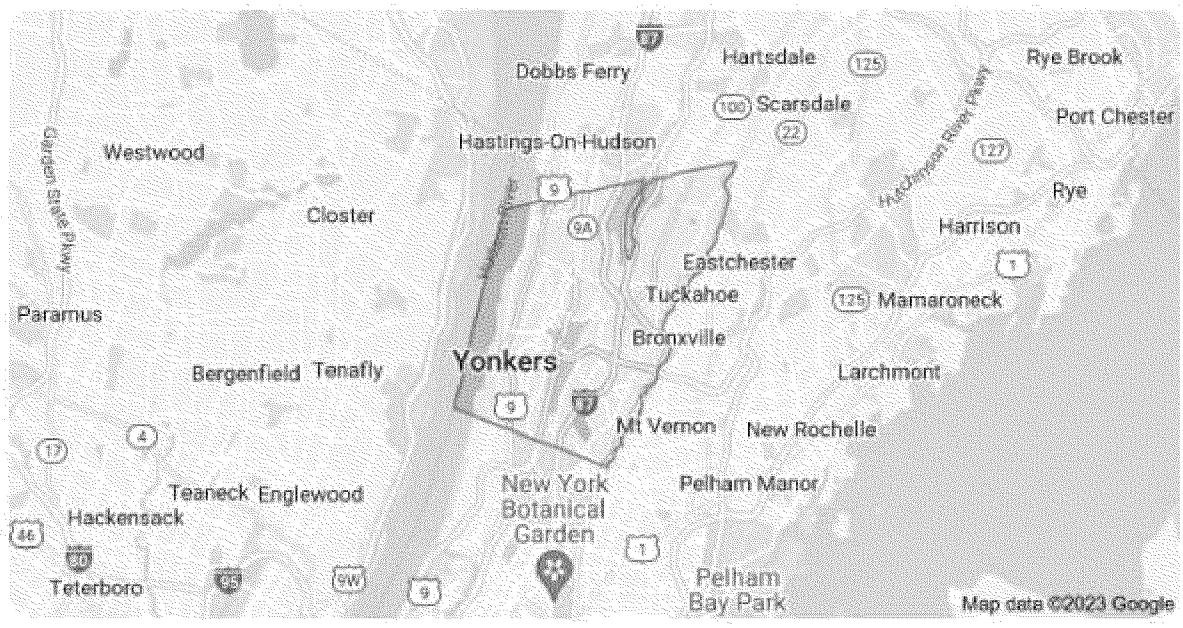
Brooklyn, New York



Bronx, New York



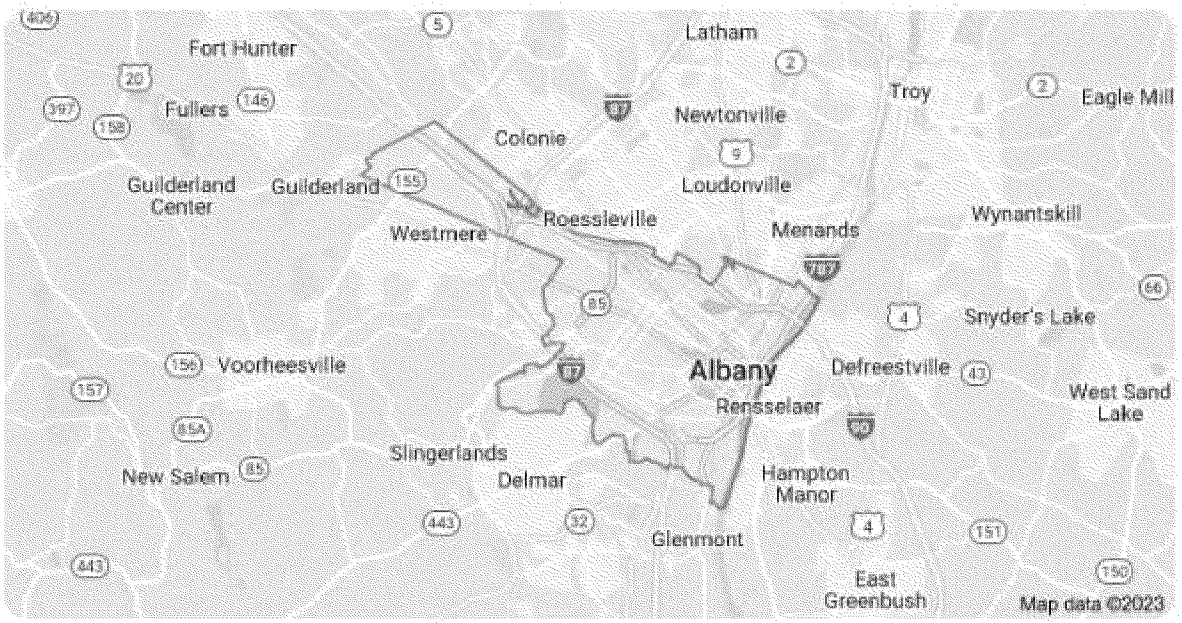
Harlem, New York



Yonkers, New York



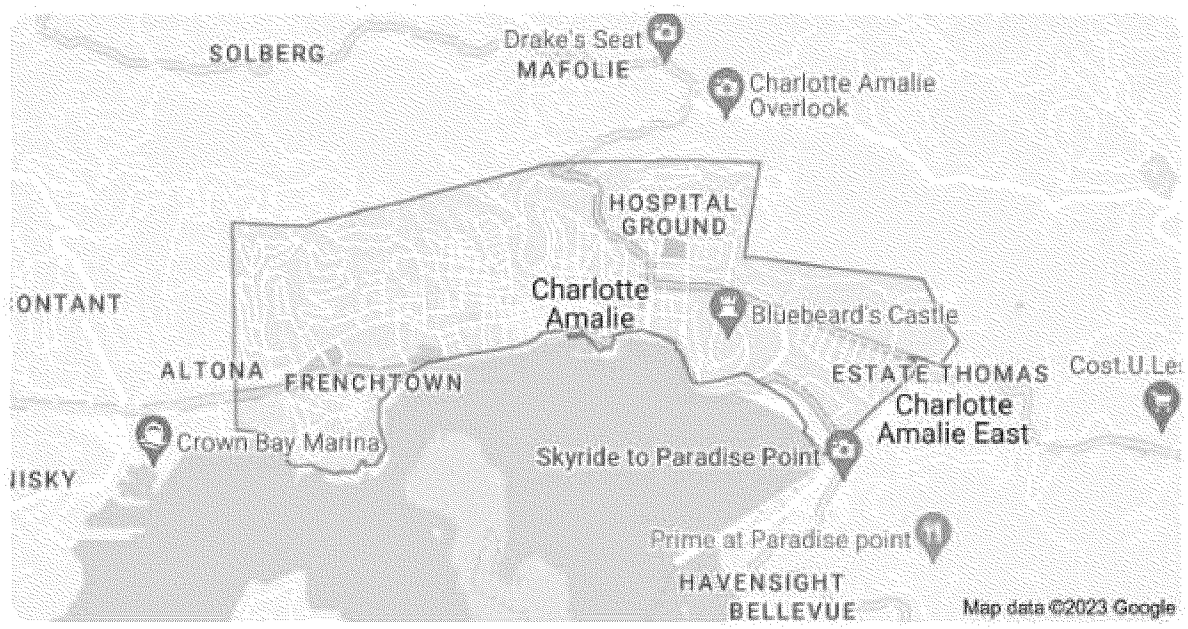
Queens, New York



Albany, New York



San Juan, Puerto Rico



Charlotte Amalie, US Virgin Islands



Location	Congressional District
Trenton, New Jersey	NJ-012
Newark, New Jersey	NJ-010
Brooklyn, New York	NY-007, NY-008, NY-009
Bronx, New York	NY-013, NY-014, NY-015, NY-016
Harlem, New York	NY-012, NY-0013
Yonkers, New York	NY-016
Queens, New York	NY-003, NY-005, NY-006, NY-007, NY-014
Albany, New York	NY-020
Puerto Rico	Resident Commissioner District (At Large)
Charlotte Amalie, US Virgin Islands	Resident Commissioner District (At Large)

Manifest for Grant Application # GRANT13862102

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 29050 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16035 bytes)

2. Form SF424A-V1.0.pdf (size 23043 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40655 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15922 bytes)

5. Form SF424_4_0-V4.0.pdf (size 24115 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37292 bytes)

Attachments Included in Zip File (total 10):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-GHHI IRS 501c3 Determination Letter - 2016.pdf application/pdf (size 56447 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-GHHI EPA EJ CPS Itemized Budget.pdf application/pdf (size 257858 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-GHHI EPA Letter of Commitment.pdf application/pdf (size 1207025 bytes)

4. SF424_4_0 SF424_4_0-1241-SF424 - Areas Affected by Project.pdf application/pdf (size 473327 bytes)

5. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1243-GHHI EPA EJCPSG Project Narrative.pdf application/pdf (size 266783 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1234-GHHI Letters of Commitment.pdf application/pdf (size 12952015 bytes)

7. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-EPA FORM 4700-4 XI Response Continued.pdf application/pdf (size 1740735 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-GHHI Logic Model.pdf application/pdf (size 485066 bytes)

9. SF424_4_0 SF424_4_0-1242-Congressional Districts.pdf application/pdf (size 43708 bytes)

10. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-GHHI EPA CPS Resumes.pdf application/pdf (size 1472852 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1234-All Letter of Commitments.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

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Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1242-Final Project Narrative EPA EJ Collaborative Prob

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Environmental Justice Collaborative Problem Solving Cooperative Agreement Program	66.306	$	$	$ 500,000.00	$	$ 500,000.00
2.						
3.						
4.						
5. Totals		$	$	$ 500,000.00	$	$ 500,000.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) Environmental Justice Collaborative Problem Solving Cooperative Agreement Program	(2)	(3)	(4)	Total (5)
a. Personnel	$ 170,550.00	$	$	$	$ 170,550.00
b. Fringe Benefits	62,216.00				62,216.00
c. Travel					
d. Equipment					
e. Supplies					
f. Contractual	85,650.00				85,650.00
g. Construction					
h. Other	181,584.00				181,584.00
i. Total Direct Charges (sum of 6a-6h)	500,000.00				$ 500,000.00
j. Indirect Charges					$
k. TOTALS (sum of 6i and 6j)	$ 500,000.00	$	$	$	$ 500,000.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Environmental Justice Collaborative Problem Solving Cooperative Agreement Program	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 159,985.00	$ 159,985.00	$	$	$
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 159,985.00	$ 159,985.00	$	$	$

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Environmental Justice Collaborative Problem Solving Cooperative Agreement Program	$ 159,985.00	$ 166,557.00	$ 173,457.00	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 159,985.00	$ 166,557.00	$ 173,457.00	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges:

23. Remarks:

Milestone	Description	Unit	Target #	Year 1 (Oct-Dec '23)	Year 1 (Jan-Mar'24)	Year 1 (Apr-Jun '24)	Year 1 (Jul-Sep '24)	Year 2 (Oct-Dec '24)	Year 2 (Jan-Mar'25)	Year 2 (Apr-Jun '25)	Year 2 (Jul-Sep '25)	Year 3 (Oct-Dec '25)	Year 3 (Jan-Mar'26)	Year 3 (Apr-Jun '26)	Year 3 (Jul-Sep '26)	Year 4 (Oct-Dec'26)
Stakeholder Planning and Coordination Meetings	GCF and partners/stakeholders (including NYCHA, USDA Forest Service, Trees NY and DEP hold planning and coordination meetings to ensure smooth program delivery, issue identification, progress tracking	Meetings	27	3	2	2	2	2	2	2	2	2	2	2	2	2
Corps Members trained - general	GCF Corps Members (CMs) receive foundational training to prepare them for green career pathways, including broad exposure to green infrastructure	CMs	550	75		75		88		88		113		113		
Corps Members trained - specialized	Corp Members specialized in Green Infrastructure through the establishment of a green infrastructure track for Green City Force	CMs	150	25		25		29		29		37		37		
Corps Members graduate	CMs graduate with foundations of green infrastructure training and hands on experience from participating in six months of service learning; CMs are prepared for careers in green infrastructure; CMs are leaders to carry out this work in their own developments/continue their environmental stewardship into alumnihood	CMs	550	75		75		88		88		113		113		
Alumni, recent graduating Corps Members trained - specialized	Select group of Alumni CMs receive additional specialized green infrastructure training from TreesNY with support form GCF's Sectoral Training Manager	Alumni CMs	150	25		25		29		29		37		37		
Job Readiness Support Services	GCF Career Services team work with Green Infrastructure specialized alumni on resume building, interview coaching and wraparound services to ensure GI Alumni succeed when matched with GI job opportunities	Job Coaching Sessions	150	13	13	13	13	13	13	12	12	12	12	12	12	12
Green Infrastructure Job Matching	GCF Business Development and Career Services match GI Alumni to GI jobs	GI Alumni Job Placements	96				32				32				32	

APPENDIX C
Green City Force EJCPS Logic Model

Resources/Inputs	Activities	Outputs	Audience	Short-term Outcomes (6-12 months)	Intermediate Outcomes (12-24 months)	Long-term Outcomes (2+ years)
<u>Green City Force Staff:</u> - Chief Program Officer - Director of Sectoral Business Development - Director of Social Enterprise Operations - Director of Alumni Engagement and Analytics - Sectoral Training Manager - Alumni Retention Manager **Trainee Stipend:** GCF Trainee Stipend during 2 week post-service Green Infrastructure Training **Partners:** Trees NY 2 Week Training - partner costs to implement training	Ongoing oversight of partnership and milestones Training - Foundational Green Infrastructure Training during 6 month service term. Training - Intensive 2 week, Post- Service Green Infrastructure training Job Readiness Support Services (Resume Building, Interview Coaching, Wraparound Services) Employer Coordination and Matching Placement Follow-up (Retention Services to Alumni)	550 Corp Members receive foundational training to prepare them for green career pathways, including broad exposure to green infrastructure. 150 Corp Members specialized in Green Infrastructure through the establishment of a green infrastructure track for Green City Force. 150 Alumni participate in 2 week Green Infrastructure bootcamp, upskilling them for green infrastructure jobs in NYC. 96 Alumni secure jobs in Green Infrastructure in NYC, through our close collaboration with key partners like DEP, NYCHA and USDA Forest Service	New York City residents	Through the partnership supported by the EPA, GCF, NYCHA and DEP will bridge the training gap, allowing New Yorkers to find full time work contributing to the city's urban resiliency efforts in the face of climate change.	Following the training period, GCF's Social Enterprise will hire Green Infrastructure specialized alumni, allowing us to secure contracts building and maintaining Green Infrastructure projects in New York City. Following Green Infrastructure Bootcamp training and initial work exposure through our Social Enterprise, 96 Green City Force alumni will be matched to full-time green infrastructure employers in New York City, such as our partners NYCHA, USDA Forest Service, DEP	The long term outcomes of this initiative will be a skilled workforce ready to provide New York City urgently needed green infrastructure that will improve the city's climate resiliency, ensuring frontline communities gain access to green jobs and are able to earn family sustaining wages while in the construction of urban environment provides green infrastructure training access through our Service Corp. The result will be the creation of a to create a skilled workforce capable of filling the forthcoming jobs building NYC's green infrastructure.

Green City Force: EPA EJ Collaborative Problem Solving Program Narrative

Project Summary Page

- Project Title: GCF Eco-Hubs Building Climate Resiliency and Career Pathways in Urban Forestry and Green Infrastructure for Frontline New Yorkers
- Project Location (including community/neighborhood(s), city, state, and zip code)

The prime locations are at our six Eco-Hub sites, located in public housing developments across the city:

ASTORIA HOUSES Eco-Hub Powered by GCF
Location: Astoria Houses, Astoria, Queens
The closest street address is 3-20 27th Ave

BAY VIEW HOUSES Eco-Hub Powered by GCF
Location: Bay View Houses, Canarsie, Brooklyn.
At the center of the development.
The closest street address is 2085 Rockaway Parkway, Brooklyn, NY 11236

HOWARD HOUSES Eco-Hub Powered by GCF
Location: Howard Houses, Brownsville, Brooklyn.
Behind the Brownsville Brooklyn Public Library branch at the end of Glenmore Ave.
The closest street address is 60 Glenmore Ave, Brooklyn, NY 11212

FOREST HOUSES Eco-Hub Powered by GCF
Location: Forest Houses, Morrisania, Bronx.
At 730 East 165th Street, Bronx, NY 10456

MARINERS HARBOR HOUSES Eco-Hub Powered by GCF
Location: Mariners Harbor Houses, North Shore, Staten Island.
At 132 Brabant Street, Staten Island, NY 10303

WAGNER HOUSES Eco-Hub Powered by GCF
Location: Wagner Houses, East Harlem, Manhattan.
At 122nd Street between 1st and 2nd Avenues.
The closest street address is
2395 1st Avenue, New York, NY 10035

- Applicant Information:

Green City Force, 630 Flushing Avenue, Mailbox #1, Brooklyn, NY 11206

Main Contact: Erika Lim, erikal@greencityforce.org

- Brief Description of Applicant Organization:

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Green City Force (GCF) trains young leaders from low-income housing communities to power a green and inclusive economy, through service. We equip them with the tools to change the trajectory of their lives and access career paths tied to the green economy. Our 18-24 year old Corps Members develop a passion for sustainability and AmeriCorps service by driving large-scale environmental and health initiatives. We design service as a path to greater wellbeing and means to enlist young people to become leaders in the movement to build a greener, fairer, and more just world. Graduates go on to jobs or college, directly or through alumni initiatives that build towards sectoral jobs and apprenticeships.

- Are you applying for the Small CBO Set Aside Track for $150,000 projects? No
- Project Abstract

With the extreme weather conditions and natural disasters occurring across the nation and the world, there is no doubt that we are beginning to feel the effects of climate change. Frontline communities like the New York City Housing Authority (NYCHA) are bearing the brunt of climate change and deserve to have a healthy, resilient, and secure living environment. In partnership with NYCHA, the Department of Environmental Protection (DEP), the USDA Forest Service, The Nature Conservancy (TNC), and Trees NY, Green City Force (GCF) is working towards empowering these disproportionately impacted communities and solving the issue of high unemployment rates of young adults through the implementation of green infrastructure (GI) workforce development projects in NYCHA to preserve and protect public housing and other low-income communities for the years to come.

Through this collaboration, GCF will train and prepare young adult residents of NYC public and low-income housing with basic green infrastructure skills during their 6-10 month AmeriCorps service term. Following their service term, graduates will have the opportunity to further their GI skills and training in a bootcamp. The upskilled graduates will then be prepared for entry-level GI jobs, including jobs with our partners like NYCHA and DEP focused on tree stewardship and maintaining bioswales that will all be essential as our climate continues to change.

The trainings will be located at GCF Eco-Hubs in NYCHA developments across NYC: Astoria Houses, Astoria; Howard Houses, Brownsville; Wagner Houses, East Harlem; Forest Houses, Morissania; Bay View Houses, Canarsie; Mariners Harbor Houses, Mariners Harbor.

- Project Type(s): Training, workforce development, monitoring, small-scale construction, public education, demonstration, public health
- Special Considerations Applicants/Grantees, and/or other factors identified in Section V): Climate Change/Disaster Resiliency, Environmental Justice
- Environmental Issue: Air, water, global warming, flooding
- List of Project Partners
    - Green City Force
    - NYCHA Climate and Resiliency Department - Siobhan Watson (local government)
    - USDA Forestry Service, Northern Research Station - Erika Svendsen, Lindsay Campbell, Michelle Johnson, Rich Hallett (researchers)
    - Trees NY - Nelson Villarrubia, Executive Director

- The Nature Conservancy - Emily Noble Maxwell, New York Cities Program Director
- The Department of Environmental Protection - Melissa Enoch, Managing Director Green Infrastructure Planning & Partnerships

- Will you need to develop a QAPP for your project? Yes

b. Environmental and Public Health information of the Underserved Community:

New York City Housing Authority (NYCHA) is the largest public housing authority in North America with over 500,000 residents. When the authority started in 1934, it was the first in the United States to provide publicly funded housing and it was considered a high-quality standard of living. Fast forward 88 years later, 1 in 15 NYC residents live in NYCHA housing, yet NYCHA has experienced a significant decline in federal funding which is resulting in dilapidated buildings and an overall disinvestment in its public housing residents. The lack of investment in NYCHA communities has also resulted in environmental and health injustices that have only been exacerbated by COVID-19 and climate change.

Although NYCHA originally started with a majority of white residents, currently 90% of NYCHA residents are Black or Hispanic and they have been overrepresented in contracting COVID-19 due to many chronic issues of hypertension, asthma and diabetes. The density of living conditions combined with the high volume of essential workers required to be at risk daily due to income inequality, only increased the spread and exacerbated the risk of COVID-19. During COVID-19, Black American and Hispanic/Latinx New Yorkers have experienced the highest rates of hospitalization and deaths. Pre-pandemic, these residents already had higher hospitalization rates for underlying health conditions that put them at an increased risk of COVID-19. One of the most common health conditions NYCHA residents have is asthma which can be triggered by dust, poor ventilation, and pest infestations. According to a recent article, asthma is the number one reason children in New York City's lowest-income neighborhoods visit the emergency room, and New Yorkers in asthma hotspots are five times more likely to live in public housing (City Limit, 2021). For this reason, air quality, and its connection to the health of NYCHA's urban forest which contributes to improving air quality and health among NYCHA residents as well as its role in green infrastructure, is one of the environmental justice issues we are highlighting in this proposal.

Flooding is another major environmental justice issue that this proposal will highlight. One of the most devastating hurricanes in NYC's history was Hurricane Sandy. In 2012, Hurricane Sandy flooded 35 NYCHA developments and left tens of thousands of residents without power for days and some even weeks. Other types of low-income housing were also affected by the storm, with 24,000 government-subsidized apartments and 40,000 rent-stabilized apartments in the path of the storm surge. As a city built on impermeable concrete in a deep water harbor, NYC's handscape is prone to flooding from storm surges and researchers have predicted that it will only increase in the upcoming years. According to a data analysis of the National Hurricane Center's research, WNYC-NPR predicts that a Sandy-like storm could flood more than 50 NYCHA developments by 2080 (NPR, 2022). A national study also predicts that low-income housing is three times more likely to be at risk of frequent floodings by 2080. With these predictions, NYCHA has created a Climate Adaptation Plan to prepare for the climate

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emergencies and our proposal will go hand-in-hand with these plans to ensure that our frontline communities have both the knowledge and resources to prepare for the next storm.

As witnessed during Hurricane Sandy, NYCHA residents are among the most exposed to the effects of climate change. NYCHA's open spaces are an important factor in mitigating the effects of climate change and building resiliency, both for NYCHA residents and for New York City as a whole. In partnership with DEP and NYCHA, the city has invested over $13 million in new green infrastructure on NYCHA's property to create vibrant, green, and climate resilient open spaces. Since 2021, through this partnership, 23 green infrastructure (GI) projects have been implemented on NYCHA property and 21 one projects are still in the works. The main purpose of GI is to provide stormwater management through filtering and reducing combined sewer overflows (CSO) which improves the health of the local community and waterways. However, there are additional benefits to GI that include reduced localized stormwater flooding, increased urban greening with native plants, heat reduction, and more habitat for birds and pollinators around the city. Types of GI include rain gardens, bioswales, and green roofs that collect stormwater from streets, sidewalks, and other hard surfaces that filter the water to keep our waterways healthy before it can enter the sewer system or cause local flooding. In addition to GI projects on NYCHA property, DEP has over 3,000 bioswales that they maintain across NYC and by 2030, they plan on installing a total of 8,000 bioswales across all five boroughs (DEP, 2021). Like street trees, the bioswales need care and maintenance by trained personnel. Originally DEP implemented its bioswales agenda in collaboration with a broad range of contractors, with whom they had challenges with contract completion and community relations. At some sites where bioswales were successfully built, the bioswales were poorly received by residents due to lack of community engagement and education. This led to the development of Bioswale Maintenance Workers that DEP hired on a seasonal basis. However, due to a lack of a pipeline of skilled candidates, there has been a significant gap in the maintenance of the bioswales. Moving forward, DEP plans to work with trusted community-based organizations and nonprofits, like GCF to fulfill these positions and keep up with the planned bioswales through the city.

NYCHA's approximately 2,600 acres of open spaces also support about 1,000 acres of tree canopy, with many mature canopy trees providing crucial ecosystem services, contributing to air quality - a critical need for NYCHA residents, as mentioned above - through air pollutant removal. They have many other contributions including mitigating urban heat island effect through providing shade, comfort, and beauty in addition to carbon sequestration, air pollutant removal, and stormwater mitigation benefits. In an urban setting, the urban forest can absorb water to provide stormwater management. Urban forestry is especially useful in stormwater management along roadways, retention basins, the banks of water bodies and in sloping areas to catch excess stormwater and prevent soil erosion. In neighborhoods with clusters of NYCHA developments, NYCHA is often the primary source of tree canopy cover neighborhood-wide, making NYCHA trees particularly important in neighborhoods with less access to large parks and other open spaces. Trees at NYCHA, however, bring challenges as well: as a housing authority focused on upgrading housing quality in the context of decades of deferred maintenance and a $40 billion capital need, the resources NYCHA is able to devote to caring for trees is limited. Outside of NYCHA, in the rest of NYC, NYC Parks relies on volunteering by Citizen Pruners to steward and care for street trees. Since NYCHA trees are on land that belongs to the housing authority, they are not

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considered street trees and therefore not subject to the established stewardship approach that applies to the rest of the city. Given the many ways in which trees contribute to the health of residents at NYCHA, there is a need to provide protection and care for the existing canopy to ensure it survives and thrives.

We believe that young NYCHA residents are a key part of addressing health and climate-related problems facing public housing. NYCHA is vast and under-resourced and residents face many competing pressures. GCF's Service Corps program develops a skilled workforce capable of filling the forthcoming jobs building NYC's GI. Corps Members, the young adults in our program, will be exposed to the basics of green infrastructure in their 6-10 month service term. Post-program graduates will have the option of joining a two week bootcamp with Trees NY to learn to steward, care, and maintain trees. With the GI skills gained through their service term and bootcamp, the trained graduates will have the opportunity to gain employment through GCF's Social Enterprise (SE) or a job through our partners like NYCHA and DEP. Young residents trained in green infrastucture careers can help bring about change to their communities and build climate resiliency and act as credible messengers to build consciousness among residents towards agency and actions for climate and health equity across NYC.

We use residency with NYCHA or supported low-income housing as a prerequisite for program enrollment. As part of our multi-year strategic plan, we are in the process of expanding our eligibility to include more low-income New Yorkers because we recognize the need for employment and climate solutions in all forms of frontline, low-income communities. Currently, the majority of our program participants are NYCHA residents with a vast majority of community service projects led by GCF Corps Members completed on NYCHA property. In order to qualify for NYCHA housing a family's household income must be below 80% of the area median income, with most NYCHA residents earning below that mark. As of January 2022, the average household income at NYCHA is $24,454 which is significantly below the 2022 Federal Poverty Level for a family of four. As of 2017, NYCHA was home to 52,000+ 18-24 year olds. Young adult public housing residents pre-pandemic were already unemployed in massive numbers, with 72% of 18-24 year old residents reporting no income from employment (NYCHA, 2017), compared to the citywide 22% unemployment rate for 18-24 year olds in March 2017 (JobsFirstNYC, 2018).

- What are the local environmental/public health issue(s) that the project seeks to address?
  Air quality, pollution, flooding, heat, water quality, and climate resiliency

What are the local environmental/public health results the project seeks to achieve and how will the underserved community benefit from those results?

GI is a cost-effective, resilient, and sustainable way to combat climate change. The maintenance, education, and stewardship of NYC's GI such as trees and bioswales will provide a greener and more resilient landscape, cooler temperatures, better air quality, flood mitigation, and cleaner water for all New Yorkers, especially frontline communities. GCF has first-hand experience in engaging public housing young adults and residents on introducing the importance of GI in the community.

In 2020, Green City Force worked in partnership with NYCHA to catalog the inventory of NYCHA trees, and to analyze the ecological and social impacts of the trees. The tree assessments also provided COVID-19 safe (outdoors and socially distanced) job opportunities for GCF alumni that would strengthen and develop their skills in a green career path. Six alumni were trained to serve as the project's field crew, with our Director of Social Enterprise as the crew lead. This project was also in collaboration with the USDA Forest Service and The Nature Conservancy who advised on the study design and research methods, assisting in training the field staff in urban forestry, social science skills, technical assistance and analytical support. This partnership provided short-term staffing and provided an opportunity to explore the development of longer-term urban forestry programming and career paths. The pilot program laid the foundation for data-driven landscape management at NYCHA, identified the potential paths for elevating landscape maintenance, and maximized the social benefits of the urban forest for NYCHA residents.

During COVID-19, like many jobs, energy work was paused and the SE team's work pivoted to performing census outreach followed by the first every NYCHA urban forestry project. A group of GCF alumni worked with NYCHA's Recovery and Resilience Department to conduct tree inventory and open space assessments across NYCHA. In the fall of 2020, NYCHA and Green City Force conducted a tree inventory of 2,636 trees and open space assessment at 18 NYCHA developments. The goal of the first year of tree assessments was to gain a better understanding of the type of trees on NYCHA property while also understanding the ecological and social impacts of the trees. It was also a way to identify trends amongst how residents use and perceive the trees in their communities to form a holistic understanding of the landscape that surrounds nearly 500,000 residents of New York. Analysis of the data from the tree inventory team shows that the trees at these 18 developments provide a variety of ecological benefits, including:

- sequestering 44 tons of carbon per year
- storing 1.801 thousand tons of carbon
- preventing 100,500 cubic feet of stormwater from running off into the sewer system each year
- removing 2,157 pounds of pollution per year
- producing 117.3 tons of oxygen each year

** All data can be found in NYCHA's Urban Forest Report 2021*

The tree inventory team also noted their interactions with residents at the campuses where they were working. The most common resident interaction documented by field staff revolved around residents' interest in why field crews were there, what the goals of the project were, and in some cases exactly how crews were going about their work. Residents frequently expressed appreciation for GCF field crews being there and enthusiasm for the attention being paid to trees as part of the project. One resident visited the field crew at two different campuses out of continuing interest in how the project was going; another mentioned that this seemed like a job she'd like to see her child get interested in. Because of the success in the first year, the GCF continued the partnership with NYCHA for another two years. In 2021, the team inventoried 13,776 trees across 638 acres on NYCHA property. In 2022, continued to lead the

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efforts in assessments, inventorying over 8,803 trees across over 470 acres of land in 38 NYCHA developments, and the trees they inventoried provided these ecological benefits:

- sequestering 192 tons of carbon per year
- storing 7.4 thousand tons of carbon
- preventing 398,000 tons of cubic feet of stormwater from running off into the sewer system each year
- removing 4.8 tons of pollution per year
- producing 510 tons of oxygen each year

In four years, the team inventoried 25,933 trees across 1,257 acres which is 54% of NYCHA's total tree portfolio. In the tree inventory team's findings presentation, they focused on their biological and social results, as well as recommendations for NYCHA on next steps. Some of their recommendations included coming up with ways to protect existing trees, the types of trees to plant and where to plant them based on GI and climate resiliency, educational resources for the residents on the importance of trees, and a NYCHA planting and pruning schedule. This project has highlighted the value of partnerships with organizations to not only build a pathway to employment for young adults in public housing related to GI in NYCHA, but also provide actionable solutions to climate resiliency in our most vulnerable communities.

Our partnership with the DEP will strive to build a similar model to the tree inventory program with NYCHA but with a GI focus. Corps Members will be exposed to basic GI training during their 6-10 month service program a subset of those graduates with gain further upskilling in GI education through a two-week bootcamp building their knowledge and technical skills in GI. The city's GI program has already greened more than 2,000 acres and implemented more than 17,000 linear feet of porous pavement with an additional 300,000 liner feet in design. These GI jobs will continue to play a vital role in combating threats from climate change that will come in all sorts of forms from flooding to heavy rainstorms.

* If your project relates to one or more of the other factors in Section V(e.g. COVID-19 impacts and/or Climate/Disaster Resiliency) include additional details about how the project addresses those factors in this section.

This is data pulled from EPA's EJSCREEN tool regarding the community where our six Eco-Hub sites are located. All of our Eco-Hub sites are located on NYCHA property.

- Astoria Houses: 95-100 Percentile in People of Color
- Bay View Houses: 95-100 Percentile in People of Color
- Forest Houses: 95-100 Percentile in People of Color
- Howard Houses: 95-100 Percentile in People of Color
- Mariners Harbor Houses: 90-95 Percentile in People of Color
- Wagner Houses: 95-100 Percentile in People of Color
    - EJ - Particulate Matter 2.5: all sites
    - EJ - Ozone: all sites

- EJ - Diesel Particulate Matter: all sites
- EJ - Air Toxics Cancer Risk: all sites
- EJ - Air Toxics Respiratory HI: all sites
- EJ - Traffic Proximity: all sites (Astoria Houses 50-70 percentile)
- EJ - Lead Paint: all sites
- EJ - Superfund Proximity: all sites
- EJ - RMP Facility Proximity: all sites
- EJ - Hazardous Waste: all sites
- EJ - Underground Storage Tanks: all sites
- EJ - Wastewater Discharge: Astoria, Wagner, Mariners Harbor

**All sites were either in the 80-90, 90-95 or 95-100 percentile for the EJ indexes (compared to the US). We used the Environmental Justice Index - An EJ Index combines demographic factors with a single environmental factor.

This data represents the environmental quality issues that affect the communities we predominantly serve. In almost every category, the communities we serve are listed as high risk areas. All of the data points to strengthen the argument that these Black, Indigenous, People of Color (BIPOC) communities are frontline communities experiencing the most immediate and worst impacts of climate change.

c. Organization's Historical Connection to Underserved Community

GCF brings nearly 15 years of innovative experience uniquely employing an urban conservation corps model focused on public housing communities, lifting up young Black and Brown people who are critical leaders in engaging fellow community members to practice sustainable behavior for more connected, vibrant, and healthier communities. Our multiple benefits model also makes us best suited to supporting these young adults as they gain training, experience, education, and pathways to quality jobs in the green economy, while surrounding communities benefit from meaningful, place-based service.

GCF was founded with the goal of creating economic opportunity for young adults in the green economy through a period of service creating impact in the community while building skills and experience on a path to careers. We chose to direct our entire program towards NYCHA following a collaboration with NYCHA's Office of Resident Economic Empowerment and Sustainability (REES) in 2010 during Earth Week, through which we jointly recruited participants for GCF's NYC Cool Roofs-focused AmeriCorps service and training, our focus at the time. Through this experience, we discovered the potential of recruiting NYCHA young adults to lead service initiatives in NYCHA as frontline leaders and credible messengers. NYCHA residents, and young adult NYCHA residents in particular, face many barriers to entering the workforce, including a lack of training and skills, poverty, institutionalized racism, and histories of trauma and abuse. The Eco-Hub model, powered by GCF, places NYCHA young adult residents at the center of food and community climate education to benefit thousands of NYCHA residents at the developments where sites are located, while also preparing young adult NYCHA residents for green economy careers and advancement opportunities.

- How the organization has worked with the underserved community's residents and/or organizations to address local environmental and public health issues currently or in the past and

what are some of the results of that work. Include information about recent efforts in the community, if any, that have sought to address the disproportionate issues you described in 1.b.

Since our start in 2009, GCF has graduated over 600 Corps Members, who have reached over 50,000 NYCHA residents through closed-loop community outreach and education focused on energy efficiency, solar, water, compost, nutrition, and recycling; built seven large-scale urban farms in public housing; grown and distributed over 150,000 pounds of organic produce to residents; diverted over 146,500 lbs of compostable waste; and engaged tens of thousands of residents across NYCHA through community events including weekly farm stands, cooking demonstrations, and harvest festivals. GCF also helped to design and lead Farms at NYCHA, building 6 additional large-scale farms across all five boroughs in NYC with multi-faceted impacts documented in a 3-year study by CUNY.

GCF has a growing network of over 600 alumni. Despite the ongoing challenges of COVID-19 related to recruitment and retention, and although we've had smaller groups of graduates for the most recent cohorts, 82% and 95% (Cohort 23 and 22 respectively) have been able to obtain job placement or enroll in higher education within six months of graduating, exceeding our typical rate of 80%. In 2022, 38 alumni enrolled in advanced energy training, 38 new graduates enrolled in college or obtained employment, and 53 alumni obtained new jobs or promotions in fields including green construction, energy efficiency, urban agriculture, horticulture, community health, zero-waste and youth development. In FY22, alumni earned on average $18.5/hr after graduation, $19.33/hr at one-year post-graduation, $21/hr following promotions or new jobs, and $20- $25/hr across alumni hired in our Social Enterprise.

Since 2009, GCF has hired over 200 alumni through our innovative SE program. In 2022, in addition to the tree inventory project, 12 alumni completed energy projects across nearly 70 developments; 4 alumni engaged in outreach via our Clean Up Corps funding from the former NYC Mayor DeBlasio's administration; and 21 alumni were hired to Compost Power, an organization founded by a GCF alumni to make composting accessible to all, in both full-time six-month stepping-stone positions and longer-term contract roles, helping to train CMs, process nearly 80,000 lbs of organic waste into compost across NYCHA, upgrade our initial five Eco-Hub compost systems, and install a sixth three-bin compost system at our newest Eco-Hub in Queens.

- Community Driven Participation

GCF has always valued the community we serve and has always put the needs of the NYCHA residents first. Even when creating green career pathways for our graduates, the job opportunities through our SE are also tied to improving the lives of public housing residents. When the SE program started, GCF became part of NYCHA's historic $300M investment in Energy Performance Contracts (EPCs) to upgrade and retrofit up to 120,000 apartments, benefiting nearly 262,000 NYCHA residents. Today, GCF continues to work with NYCHA on contracted energy retrofit projects that provide maintenance and improvements on the over 300 developments. During the start of each project, the SE team has the opportunity to connect with tenants during start-up meetings and Tenant Association meetings to speak to residents on what is happening in their developments. During the auditing process, the SE team will talk to residents

one-on-one to hear their concerns and take any feedback they may have. At the same time, while in the communities our graduates, who are also NYCHA residents, are able to speak to and recruit the next generation of members for our Service Corps program.

One of the reasons the tree inventory project was so successful was because we received so much feedback from the community. As the team was out in the community, they had multiple encounters with NYCHA residents to be able to ask their opinion about the trees in their environment. They were also able to interview NYCHA grounds crew about their role in taking care of the trees at their development, challenges, and any feedback in regards to trees at NYCHA developments. Each time a resident approached the team, the team recorded the information in their field notes, provided an overview of the project to the resident, and asked for their opinions on the trees. In 2022, there were 72 resident interactions and they determined that generally residents in NYCHA are happy and curious with the work GCF has done in the field. They also found that residents like to inform the team about their personal negative experience with trees in hopes that the team could make a difference. The tree inventory team also developed flyers about the importance of trees in the community and used it to steward community members about the work they were doing. To engage residents of all ages, they also designed a coloring sheet about trees for children. Following their data collection, the team presented the data and recommendations from the NYCHA staff and residents regarding next steps in a presentation to representatives from NYCHA, local leaders, and local environmental organizations.

Our efforts to engage residents instills an awareness in each individual of their impact and role in not just their development but in the entire environmental system. With a resident-led SE team, this community-wide collaboration promotes self determination and helps residents to shape what the communities can and should be.

d. EJCPS Model

This application uses all of the elements of the EJCPS Model, to some degree. The proposed project builds on existing relationships and the problem we propose to address through collaborative problem-solving was identified through dialogue with several of the stakeholders. In terms of element 1, “Issue Identification, Community Vision & Strategic Goal Setting”, we have identified the issue of needing additional green infrastructure in NYCHA and NYC and the need for jobs for young adults living in public housing. We have collaborated with our partners and stakeholders to envision the way to address this issue prior to applying. Element 2, “Community Capacity-Building & Leadership Development”, runs throughout the project: with support from the EPA, we will invest in the education, training, certification and leadership of young adults during their 6-10 month service time with GCF and post graduation, as central to the approach and the outcomes we seek. This time and investment will be vital in ensuring they are ready for entry-level GI jobs with our partners. Element 3, “Consensus Building & Dispute Resolution” - we anticipate to be a part of the planning phase at the outset of the project. Because we have already worked with these partners on past projects, we have trust in their expertise and feedback. However, we do understand that every partner plays a different role and has different priorities for joining the project, whether that is being a training or employer partner. Therefore, we do need to

discuss with all our partners a plan for fair participation of all and a dispute resolution. Element 4, "Multi-Stakeholder Partnerships & Leveraging of Resources" is something we have already discussed with all our stakeholders and partners at this stage in the process. We are clear of our goals and identified the roles of our partners. Element 5, "Constructive Engagement by Relevant Stakeholders", we anticipate to take place along the process, including incorporating other stakeholder groups such as businesses and local civic organizations that may be able to share their expertise on GI in NYC, both of which who may also serve as potential employers for our young adults post GCF. Element 6, "Sound Management & Implementation", is part of our GCF practice and our commitment as anchor partner and lead applicant on this proposal. We will ensure that prior to the start of the project, we will have all met to review our goals and each partner's commitment to the project. We will also facilitate regular meetings and create a structure for communication to keep all partners informed. Finally, Element 7, "Evaluation, Lessons Learned, & Replication of Best Practices" will be a process we take on as we proceed with the project. We can follow the process through our logic model to keep up with the plan and the measures of success. Additionally, because we've implemented a similar project with our tree inventory team, we are able to take our best practices from there and implement them in this project. If the project is a success, we can replicate this model for other green career tracks.

e. Project Linkages

As we continue to face the challenge and opportunity to seize the national movement focused on economic, environmental, and racial injustice, GCF is taking action in public housing communities and instilling consciousness in each person and impact large-scale systems, empowering residents to affect sustainable changes within their own communities, starting with our Corps Members in our Service Corps program.

We cannot wait for another major disaster to strike to take action. Instead, GCF is partnering with the city and local partners to prepare and mitigate for the extreme weather conditions climate change is expected to bring. This project focuses on positioning and providing young adults in public housing with the knowledge, training, and hands-on skills for pathways in the GI career path. Through GCF's Green City Academy (GCA), our Corps Members will learn the fundamentals of eco-literacy, give CMs the technical skills they need to succeed in service and the workforce, instill professionalism, and prepare CMs to secure employment post-term. We currently use the Roots of Success environmental literacy curriculum that strives to prepare youth and adults with barriers to employment for careers in the green economy, and empower them to improve conditions in their communities. Corps Members are given the opportunity to examine society's most pressing environmental problems, identify innovative solutions, and put their ideas into practice as they respond to community needs and pursue environmental careers.

Lessons also include topics such as environmental justice and public health, and combating climate change with green buildings. Post-service term, they will gain additional skills through a GI focused boot camp led by Trees NY and gain the hands-on experience and training certifications needed for full-time employment. Through our partnership with NYCHA and DEP, our graduates will be eligible for employment positions that include protecting our tree canopy and maintaining bioswales that are

essential in flood resilience and the GI of NYCHA and NYC. Throughout GCA and a young adult's entire journey with GCF, we are promoting the urgency of environmental justice, while also providing opportunities to take physical action and solutions that are embedded in their own communities.

Our project also supports goal 1, 4, 5, 6 to tackle the climate crisis, safeguard and revitalize communities, and ensure clean and healthy air and water for all communities.

f. Partner and Collaborate

This project brings together stakeholders who are in a position to make progress on the problem we are seeking to solve by working together. It builds off of GCF and NYCHA's existing partnership and track record of problem-solving to create solutions that unlock environmental and health benefits for public housing residents. With NYCHA as a partner, we can not only have their expertise and knowledge in serving the public housing community, but we can involve relevant NYCHA staff across departments and property management for GI trainings and projects. The USDA Forestry Service team will serve as a resource and be key partners in connecting this effort to the ongoing research on NYCHA trees. They have previously worked with NYCHA and GCF on various projects, including a tree inventorying project this past year. The team has seen the power of young adults and is committed to the health and well-being of public housing residents. TNC will also provide any technical assistance related to tree canopy data on NYCHA campuses and contribute their expertise as needed. As a partner and a supporter of GCF's tree inventory work, TNC is ready to build upon our prior collaborations to address environmental and health issues in frontline communities. Trees NY is the go-to organization for training and certification for Citizen Pruning (the volunteer stewardship certification that is the basis for stewardship of street trees around NYC, except for NYCHA). We have not worked directly together before and this is an exciting opportunity to build on mutual assets and expertise to address barriers to extending the citizen pruner approach into NYCHA for the health and benefit of trees and residents alike. They will be providing the post-graduation bootcamp for graduates interested in gaining additional GI training. DEP will be providing their expertise and knowledge on GI in NYC as the lead agency for the NYC Green Infrastructure Program (GI Program). They understand the need for a trained GI workforce to fill the gap in maintaining over 11,000 GI assets in NYC and are seeking our graduates for these positions.

Beyond this grant, this project has already taken the steps in building a relationship with all of these partners. Some of these partners are already involved with GCF in prior years and in other capacities. All of these partnerships will enable us to amplify their expertise as we continue to create access to opportunities for frontline young adults to enter the green economy.

2.0 Project Activities / Milestone Schedule / Detailed Budget Narrative -

The seven steps in the project Milestone Schedule include: Stakeholder Planning and Coordination Meetings, Corps Member Service Term and Foundational Training, Corps Member Specialized Training, Corps Member Service Term Graduation, Alumni Boot Camp and Upskilling, Job Readiness Support Services, and Green Infrastructure Job Placement. GCF and partners/stakeholders (including NYCHA, USDA Forest Service, Trees NY and DEP will hold ongoing planning and coordination meetings to ensure

smooth program delivery, issue identification, and progress tracking throughout the three year grant term. Meetings will include resident and community representatives, program participants and graduates to provide holistic input and program design adjustments as necessary to ensure successful implementation. We will bring new program participants into the project in cohorts at six stages throughout the grant term, creating an ongoing pool of qualified candidates for the various levels of training, implementation and job placement. GCF program staff and training partners will execute specific training stages and service delivery milestones throughout the project with technical assistance from our research, development, government and policy partners to align with GI and EJ priorities over the course of the three year term.

This phased approach provides opportunities for an iterative process and gradual capacity building to ensure sustainability of the project. It also allows GCF to coordinate with NYCHA as it works to put in place higher standards of tree care across the authority: NYCHA is working to elevate the level of tree care provided across its more than 2,600 acres of open space with 2% of New York City's tree canopy providing relief to some of New York City's most heat vulnerable EJ communities.

Funding for this project will cover costs associated with Program staff capacity to provide career exposure, technical training, wages for boot camp upskilling, technical assistance and program oversight with partners for ongoing engagement and collaboration between project partners. In addition, support from EPA will provide resources to build out employer partnerships, business development, job placement capacity and support, alumni outreach and monitoring of project success.

b. Milestone Schedule - **Uploaded in other attachments**

3.0 Environmental Results

GCF has experience tracking community engagement and workforce training outcomes. We will build on our years of experience tracking our member-related outcomes as well as residents engaged through our activities at the farm / Eco-Hub sites to track resident-related outcomes for this project, outlined in our Milestones and including:

- Partnership planning meetings achieved
- Onboarding and graduation rates of program participants
- Tree stewardship tracking: documentation of type of tree, location, condition of tree, and stewardship activity conducted
- Member training: documented by our Career and Alumni Services Staff, on Corps Member timesheets, through assessments administered through on-line surveys, and through completion of trainings and certification exams
- Success rates of boot camp participants
- Alumni Job placements post service term
- SE placements and upskilling technical training outcomes
- Resident engagement (both residents engaged and activities performed/events hosted): tracked through digital resident engagement form and Eco-Hub site activity log

- GI initiatives and outcomes aligned with NYCHA and DEP target outcomes

Finally, we will employ GCF's approach to project development and implementation which includes regularly monitoring outcomes and adjusting based on engagement with stakeholders, trouble-shooting and course-correction, towards the goals of the project.

c. Sustainability Plan and Community Vision

As mentioned above, and in the partner letters, all of the partners have a vested interest in sustaining the outcomes of the project into the future. For the community and NYCHA, at stake is addressing the issue of climate resilience across their 335 developments. In 2021, NYCHA released NYCHA's Climate Adaptation Plan to a call to action and goals to reach in partnership with residents, community partners, and environmental advocates. Some goals that are directly related to this project include building resilience into NYCHA's capital work, fostering the health of NYCHA's urban forest, and preparing developments to manage heavier, more frequent rainstorms. This project in building the GI workforce is vital in keeping the 500,000 residents habitable and safe in the years ahead. For the young adult public housing residents in our program, the project will provide training, skills, and employment in a green economy career, specifically in the GI track. They will be able to take action in their own communities against tackling the climate crisis while also earning wages to sustain their families.

For GCF, the plan to build out new career tracks, such as GI, for our young adults, goes hand-in-hand with our growth plan. One of our goals included in our multi-year strategic plan is to expand our three direct service programs (Service Corps, Career Services and Social Enterprise) to prepare over 800 young people with job ready skills and motivation to pursue green careers by 2025. This project will allow GCF to implement a framework model that is replicable in providing a pathway to employment in emerging sectors of the green economy.

Outside of New York City, we are making headlines in our model. Most recently, President Biden announced the forming of a national CCC. We have been invited to be part of the conversation as leaders of this model to share our successes and provide suggestions on mobilizing young leaders in combating climate change. We also recently received a $750,000 investment from Congressman Hakeem Jeffries to expand our Bay View Eco-Hub site in Canarsie, Brooklyn. In 2020, GCF also worked with a consulting firm to lead a 6-month Puerto Rico growth and expansion feasibility study supported and funded by a Puerto Rico-based foundation. The findings from the feasibility study will be used to understand the viability of a GCF model expansion or adaptation on the Island. A recommendation and proposal for a Puerto Rico Climate Corps program was made and GCF's former Chief Service Officer, Jennifer Tirado is currently running a pilot program on the Island. The process includes establishing replication indicators for the organization, learning, and highlighting comparable service to-career models and relevant scaling approaches as benchmarks. This proves that our program model not only has the ability to be scaled and replicated in cities across the nation, but that we are leaders in this field and can also provide technical assistance and partnership opportunities at the local, state, and national level.

4.0 Programmatic Capability In order to be evaluated under this criterion in Section V, applicants must provide information on their:

a. Organizational Experience related to the proposed project and their infrastructure as it relates to their ability to successfully execute the proposed project.

As described above, GCF has over 14 years of experience working with NYCHA residents and within NYCHA developments with success achieving results at the community level for environmental, community and workforce development outcomes. GCF has the relationships, expertise and capacity to successfully execute the proposed project. As planned, we opened our sixth Eco-Hub and have continued upgrades across each site to maximize exposure to green careers and educate frontline community members about climate mitigation, adaptation and resilience. As part of our continued expansion outlined in our strategic plan, we are aiming to open four additional new Eco-Hubs by the end of 2025, beginning with another site in the Bronx this year.

We also plan to secure new Social Enterprise contracts to offer upskilling and paths toward pre-apprenticeship placements, including placement in GI careers, to 20% of new graduates in 2023. In order to support this expansion, our Career and Alumni Services team has recently also expanded to better support the needs of our growing alumni community. The newest positions include our Director of Sectoral Business Development who is working to establish employer partners to build employment opportunities for graduates, and our Sectorial Training Manager who connects alumni to sectoral training opportunities and prepares them for placement and advancements in sustainable careers. As NYCHA's Civilian Climate Corps, we work together in lockstep to open climate-related career opportunities for young adults in public housing. We also work very closely with industry advisors, employers, other workforce trainers, workforce development funders and advocacy organizations to ensure that our training programs meet a direct market demand, and are aligned with current best-practices.

In addition, GCF's approach is deeply holistic, considering the barriers young people of color encounter navigating systems. We support their growth, leadership and well-being by first identifying their needs and addressing any socio-emotional challenges through a frame of liberation. Our Support Services team has both a field and classroom-based presence, providing both individual and group youth development sessions. CMs participate in workshops exploring unconscious bias and structural racism, and engage in regular "Power Sessions," "Liberated Leader," and "Wellness Warrior" curricula providing tools for trauma-informed healing and empowerment valuing their lived experiences. We teach and uplift the voices of young people in NYCHA to help rectify historical wrongs and show the interconnectedness between racial, social and environmental justice movements, as they hold the power to incite structural and community-level changes for a more equitable world.

b. Staff Experience / Qualifications of Project Manager (PM)

The Project Manager will be our Chief Program Officer, Annel Cabrera-Marus. Annel joined Green City Force in 2021. Prior to joining GCF she was the Senior Director of Engagement and Programming for the New York Restoration Project. She has over fifteen years of professional experience in economic and

community development, poverty alleviation, economic self-sufficiency, environmental justice and sustainability and workforce development; Annel has worked across sectors – government, private, and nonprofit. While much of her professional career has focused on New York City, she has worked on environmental justice issues in Buenos Aires, Argentina and workforce development in Memphis, Tennessee. Her passion and admiration for GCF began while she worked at NYCHA's Office of Resident Economic Development and Sustainability as an inaugural Zone Coordinator focused on the Lower East Side and later the Manager of the NYCHA Resident Training Academy. She has a Masters of Science in Environmental Policy & Sustainability Management from The New School, Milano School for Public Engagement. Annel was born and raised in Western Queens and identifies as a Queer, first generation multiracial Latina (Caribbean and Central American) woman. Annel leads our Programs team made up of our Recruitment, Service, Operations, Support Services, Business Development, Career Services, and Social Enterprise divisions.

a. Expenditure of Awarded Grant Funds, and plan for compliance with EPA's Pre-award Compliance Review for Nonprofit Organizations - **document included in other attachments**

5.0 Past Performance

We are not familiar with the term "assistance agreements" and have not previously received any agreements through the EPA. As noted above, we have received multiple years of federal funding as a subcontractor for AmeriCorps funding via The Corps Network. This year, we were awarded federal funding from Congress Member Hakeem Jeffries via Community Project Funding. At the state level, we have multiple years of funding via The New York State Energy Authority (NYSERDA) for multi-year workforce training and environment initiatives and we have a variety of local city funding via The New York City Council, and various city agencies.

For the past eight years, we've committed to outcomes including recruitment, training, partnership and stewardship under a grant through the Mayor's Office of Criminal Justice (MOCJ). MOCJ is the lead agency on a multi-stakeholder approach previously called the Mayor's Action Plan for Neighborhood Safety (MAP) via the Office of Neighborhood Safety.. GCF is one of a small number of workforce development organizations within a group of 30+ diverse organizations ranging from city agencies to nonprofits and representatives of law enforcement. Our agreement with MAP/ONS includes supporting both workforce development outcomes and also resident-led stewardship projects within 15 NYCHA developments. Taking part in MAP involves regular stakeholder meetings, working with residents, coordinating with NYCHA at different levels, tracking and reporting. In the past year under the previous and current Mayoral administrations, we've also received funding from the NYC Clean Up Corps initiative.

ii. your history of meeting the reporting requirements under those agreements including whether you adequately and timely reported on your progress towards achieving the expected outputs and outcomes of those agreements (and if not, explain why not) and whether you submitted acceptable final technical reports under the agreements.

Our organization does not have prior experience with EPA grants. GCF does have experience with federal grants through having received AmeriCorps funding, as a direct recipient of AmeriCorps funds from CNCS and as a subgrantee via The Corps Network, through which we receive our AmeriCorps funding. As mentioned above, GCF's most relevant experience related to what we understand to be an "assistance grant" is with the Mayor's Office of Criminal Justice (MOCJ) Mayor's Action Plan (MAP), through which we have received $500,000 annually in funding since 2015. This grant is milestone-based and involves both regular reporting and participation in multi-stakeholder meetings and related collaborations. We have a strong track record of managing this grant, in meeting milestones and in submitting required documentation in a timely manner.

We have extensive experience with submitting reports as part of grant requirements, but are not familiar with what a "technical report" might be. For this question, therefore, given our lack of experience with that terminology, and per the instructions in the application, our answer is that we do not have experience submitting "technical reports".

OMB Control No. 2030-0020
Approval expires 06/30/2024

U.S. ENVIRONMENTAL PROTECTION AGENCY
Washington, DC 20460

Appendix A

EPA Administrative Capability Questionnaire

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The Environmental Protection Agency (EPA) uses the standards set forth in the Code of Federal Regulations, Title 2, Parts 200 and 1500, "Uniform Administrative Requirements, Cost Principles and Audit Requirements for Federal Awards" to assess the adequacy of administrative management systems. These regulations can be found by searching the Electronic Code of Federal Regulations by Title and Part at: http://www.ecfr.gov/.

If your organization is being recommended for an EPA grant, and your organizational policies and procedures do not fully cover the areas outlined in the questionnaire, revised or new policies may be necessary to comply with Federal financial management standards.

PART I - GENERAL

1.	**Legal Name of the Organization**	Green City Force Inc.
2.	**Other Organizational Names or Acronyms Used**	GCF
2a	**Please Identify any affiliated organizations**	N/a
3.	**Unique Entity Identifier Number**	80-0428040
4.	**Is your accounting system accrual based or cash based?**	Accural
5.	**Is your accounting system manual, automated or combination?**	Automated
6.	**Has an audit been performed on the organization's financial statement?**	Yes
7.	**What was the audit opinion?**	Clean opinion
8.	**If the organization has expended more than $750,000 in federal grant funds within a year, has an Single audit been performed?**	Yes
9.	**If yes, were there any major findings?**	NO
10.	**Does the organization have an approved indirect cost rate with the Federal government?**	No
11.	**Has the organization filed any certification/questionnaire regarding its financial managements systems to other Federal agencies? If yes, please list and provide a copy.**	No

PART II - ADMINISTRATIVE CAPABILITY

	Instructions: Check the appropriate box to the right for each item. If your organization has written policies/procedures that meet the requirement, check the box under the "Yes"column. If your organization does not have written policies/procedures that meet the requirement described under this column, check (/) the box under the "No" column and explain in the box or in an attachment. Please provide EPA a copy (electronic is preferable) of the following items: 1) Most recent audit of financial statements and management letter, 2) procurement and property policies, 3) personnel policies and 4) travel policy. EPA will evaluate your responses against these items.	**Yes**	**No (explain)**
STANDARDS FOR FINANCIAL MANAGEMENT SYSTEMS			
1.	Does your accounting and financial management system(s) follow Generally Accepted Accounting Principles? (2 CFR 200.403)	X	
2.	Is your financial management system(s) able to relate financial data to performance data and develop unit cost information? (2 CFR 200.301)	X	
3.	Can your financial management system(s) provide accurate, current and complete disclosure of the financial results of each federally-sponsored project or program in accordance with the financial reporting requirements (2 CFR 200.327? These are the Financial Status Report and Report of Federal Cash Transactions. (2 CFR 200.302(b)(2))	X	
4.	Can your financial management system(s) provide records that adequately identify the source and application of funds for federally-sponsored activities? Information to be included is: authorizations, obligations, unliquidated obligations, assets, outlays, income and interest. (2 CFR 200.302(b)(3))	X	
5.	Does your financial management system(s) provide for effective control over and accountability for all funds, property and other assets, including ensuring that all such assets are used solely for authorized purposes? (2 CFR 200.302(b)(4))	X	
6.	Can your financial management system(s) provide for a comparison of outlays with budget amounts for each award, including, where appropriate, information related to performance and unit cost? (2 CFR 200.302(b)(5))	X	
7.	Does your financial management system(s) provide written procedures to minimize the time elapsing between the transfer of funds to the recipient from the U.S. Treasury and the issuance or redemption of checks, warrants or payments by other means for the purposes of the program? (2 CFR 200.302(b)(6))	X	
8.	Does your financial management system(s) provide written procedures for determining the reasonableness, allocability and allowability of costs in accordance with 2 CFR 200.302(b)(7)?	X	
9.	Does your financial management system(s) provide accounting records which include cost accounting records supported by source documentation? (2 CFR 200.302(b)(3))	X	
10.	If applicable, does your financial management system(s) provide procedures for conducting an audit in accordance with 2 CFR 200 Subpart F? Currently, single audits are required for recipients expending $750,000 or more in federal funds during the fiscal year. (2 CFR 200.501)	X	
11.	Does your financial management system(s) provide or describe existing or planned indirect cost rates? C(2 CFR 200 Subpart E)	X	
PROPERTY AND PROCUREMENT STANDARDS			

ED_016126_00000901-00002

		Yes	No (explain)
Instructions: Check the appropriate box to the right for each item. If your organization has written policies/procedures that meet the requirement, check the box under the "Yes"column. If your organization does not have written policies/procedures that meet the requirement described under this column, check (/) the box under the "No" column and explain in the box or in an attachment. Please provide EPA a copy (electronic is preferable) of the following items: 1) Most recent audit of financial statements and management letter, 2) procurement and property policies, 3) personnel policies and 4) travel policy. EPA will evaluate your responses against these items.			
1.	Does your property management system(s) provide for maintaining: (1) a description of the equipment; (2) an identification number; (3) source of the property, including the award number; (4) where title vests; (5) acquisition date; (6) federal share of property cost; (7) location and condition of the property; (8) acquisition cost; (9) ultimate disposition information? (2 CFR 200.313(d)(1))	X	
2.	Does your property management system(s) provide for a physical inventory and reconciliation of property at least every two years? (2 CFR 200.313(d)(2))	X	
3.	Does your property management system(s) provide controls to insure safeguards against loss, damage or theft of the property? (2 CFR 200.313(d)(3))	X	
4.	Does your property management system(s) provide for adequate maintenance of the property? (2 CFR 200.313(d)(4))	X	
5.	Does your organization maintain written procurement procedures which (1) avoid unnecessary purchases; (2) provide an analysis of lease and purchase alternatives; and (3) provide a process for soliciting goods and services? (2 CFR 200.318)	X	
6.	Does your procurement system provide for the conduct and documentation of cost or price analysis for each procurement action? (2 CFR 200.318))	X	
7.	Does your organization maintain written standards of conduct governing the performance of your employees engaged in the award and administration of contract (i.e., conflict of interest) and does it provide for disciplinary actions? (2 CFR 200.318(c)(1) and (c)(2)) **PERSONNEL AND TRAVEL**	X	
1.	Does your organization maintain a personnel system(s) which provides monthly reports on the activities of each employee whose compensation is charged to the assistance agreement? (2 CFR 200.430)	X	
2.	Does your organization maintain a standard travel policy? (2 CFR 200.474)	X	

PART III - CERTIFICATION AND SUBMISSION

CERTIFICATION OF APPLICANT'S AUTHORIZED REPRESENTATIVE (REQUIRED):

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Name Tonya Gayle
Title Executive Director
Signature Tonya Gayle Digitally signed by Tonya Gayle Date: 2023.04.14 10:20:09 -04'00'
Date 04.14.2023

SUBMISSION INSTRUCTIONS:

Submit questionnaire with documentation at least 60 days prior to your proposed project start date to [EPA EMAIL ADDRESS]. If you do not have internet access, mail the questionnaire and supporting documentation to the following address:

US Environmental Protection Agency (EPA)
[MAILING ADDRESS]
Attn: [NAME OF CONTACT]

If the signed document is submitted by email, it must be submitted in a computer file format, such as Portable Document Format (PDF) developed by Adobe Systems, Inc., that allows authors to exchange documents among different computer systems, while preserving the documents' typography and page layout.

OMB Control No. 2030-0020
Approval expires 06/30/2024

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Washington, DC 20460

Appendix A

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PART I - GENERAL

1.	**Legal Name of the Organization**	
2.	**Other Organizational Names or Acronyms Used**	
2a	**Please Identify any affiliated organizations**	
3.	**Unique Entity Identifier Number**	
4.	**Is your accounting system accrual based or cash based?**	
5.	**Is your accounting system manual, automated, or combination?**	
6.	**Has an audit been performed on the organization's financial statement?**	
7.	**What was the audit opinion?**	
8.	**If the organization has expended more than $750,000 in federal grant funds within a year, has a Single audit been performed?**	
9.	**If yes, were there any major findings?**	
10.	**Does the organization have an approved indirect cost rate with the Federal government?**	
11.	**Has the organization filed any certification/questionnaire regarding its financial managements systems to other Federal agencies? If yes, please list and provide a copy.**	

PART II - ADMINISTRATIVE CAPABILITY

	Instructions: Check the appropriate box to the right for each item. If your organization has written policies/procedures that meet the requirement, check the box under the "Yes "column. If your organization does not have written policies/procedures that meet the requirement described under this column, check (/) the box under the "No" column and explain in the box or in an attachment. Please provide EPA a copy (electronic is preferable) of the following items: 1) Most recent audit of financial statements and management letter, 2) procurement and property policies, 3) personnel policies and 4) travel policy. EPA will evaluate your responses against these items.	**Yes**	**No (explain)**
STANDARDS FOR FINANCIAL MANAGEMENT SYSTEMS			
1.	Does your accounting and financial management system(s) follow Generally Accepted Accounting Principles? (2 CFR 200.403)		
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10.	If applicable, does your financial management system(s) provide procedures for conducting an audit in accordance with 2 CFR 200 Subpart F? Currently, single audits are required for recipients expending $750,000 or more in federal funds during the fiscal year. (2 CFR 200.501)		
11.	Does your financial management system(s) provide or describe existing or planned indirect cost rates? C(2 CFR 200 Subpart E)		
PROPERTY AND PROCUREMENT STANDARDS			

		Yes	No (explain)
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1.	Does your organization maintain a personnel system(s) which provides monthly reports on the activities of each employee whose compensation is charged to the assistance agreement? (2 CFR 200.430)		
2.	Does your organization maintain a standard travel policy? (2 CFR 200.474)		

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I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Name _____
Title _____
Signature _____
Date _____

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US Environmental Protection Agency (EPA)
[MAILING ADDRESS]
Attn: [NAME OF CONTACT]

If the signed document is submitted by email, it must be submitted in a computer file format, such as Portable Document Format (PDF) developed by Adobe Systems, Inc., that allows authors to exchange documents among different computer systems, while preserving the documents' typography and page layout.

Manifest for Grant Application # GRANT13861162

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 24094 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16036 bytes)

2. Form SF424A-V1.0.pdf (size 22826 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40473 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15919 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23955 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37345 bytes)

Attachments Included in Zip File (total 9):

1. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1242-Final Project Narrative EPA EJ Collaborative Problem Solving Program (EJCPS)_2023.04.14.pdf application/pdf (size 205282 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-Green City Force_IRS Determination Letter.pdf application/pdf (size 50030 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-epa_form_6600_09_Green City Force.pdf application/pdf (size 1104362 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-GCF Employee Handbook_April 2023.pdf application/pdf (size 3895588 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-Green City Force_Audited Financials 2022.pdf application/pdf (size 543472 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-Milestone Schedule_23-26_EPA EJ - Green City Force.pdf application/pdf (size 36485 bytes)

7. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-EPA Logic Model - Green City Force.pdf application/pdf (size 81590 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1234-All Letter of Commitments.pdf application/pdf (size 950796 bytes)

9. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-Key Contacts Resumes - Green City Force.pdf application/pdf (size 955129 bytes)

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1235-GWE.The Elizabeth N.J. Clean Air Project Expands.

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1236-Groundwork Elizabeth. CURRENT.IRS Letter of D

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	66.306	$	$	$ 499,950.00	$	$ 499,950.00
2.						
3.						
4.						
5. Totals		$	$	$ 499,950.00	$	$ 499,950.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	(2)	(3)	(4)	Total (5)
a. Personnel	$ 233,800.00	$	$	$	$ 233,800.00
b. Fringe Benefits	53,200.00				53,200.00
c. Travel	0.00				0.00
d. Equipment	0.00				0.00
e. Supplies	7,500.00				7,500.00
f. Contractual	80,000.00				80,000.00
g. Construction					
h. Other	80,000.00				80,000.00
i. Total Direct Charges (sum of 6a-6h)	454,500.00				$ 454,500.00
j. Indirect Charges	45,450.00				$ 45,450.00
k. TOTALS (sum of 6i and 6j)	$ 499,950.00	$	$	$	$ 499,950.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	$ 0.00	$ 0.00	$ 0.00	$ 0.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$ 0.00	$ 0.00	$ 0.00	$ 0.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$	$	$	$	$
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$	$	$	$	$

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	$ 200,000.00	$ 200,000.00	$ 99,950.00	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 200,000.00	$ 200,000.00	$ 99,950.00	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges:

23. Remarks:

EPA-R-OEJECR-OCS-23-01	Groundwork Elizabeth Budget and explanation of roles.			
Line items	**Cost**	**Per Year**	**Per grant**	**Explanation**
Personnel	John Evangelista, Director of Operations and of Climate Safe Elizabeth	$19,000 .25 FTE	$57,000.00	Coordinates program, sets meetings
Personnel	Jackie Park Albaum, Climate Safe Elizabeth and Urban Ag	$12,666 .175 FTE	$38,000.00	Assists in coordinating program, sets communication goals
Personnel	Jonathan Phillips, Executive Director	$4,333 .05 FTE	$13,000.00	Metrics and reporting
Personnel	Beren Delgado, Youth Director, GWE	$6,333 .18 FTE	$19,000.00	Manages youth component
Personnel	Groundwork Youth (10 youth)	237 hours/year/each @$15/hour	$106,800.00	Learn, participate, and earn within scope of program.
Subtotal without fringe			$233,800.00	
FRINGE	24% staff, 11%Youth		$53,200.00	
GWE Personnel subtotal			$287,000.00	
Subaward	Groundwork USA	$5,000	$15,000.00	See letter of commitment
Subaward	Rutgers Bloustein	$5,000	$15,000.00	See letter of commitment
Subaward	Rutgers EOHSI	$3,333	$10,000.00	See mention by Rutgers letter of commitment
Subaward	NAACP community groups	$3,333	$10,000.00	See letter of commitment
Subaward	School Parent Support Group	$5,000	$15,000.00	See letter of commitment
Subaward	Diversity Moving Forward NJ	$5,000	$15,000.00	See letter of commitment
Total subawards			$80,000.00	
Contractor	Temboo, Year 1 Development, Year 2 Creation, Year 3 continuing the platform		$80,000.00	See letter regarding their role
Total Contractors			$80,000.00	
Supplies	Printed Materials + tech		$7,500.00	Communication with community members
Total supplies			$7,500.00	
TOTAL OTP			$167,500.00	
TOTAL PROGRAM costs			$454,500.00	
Indirect Rate	defacto 10%		$45,450.00	
TOTAL ALL			$499,950.00	

GROUNDWORK Elizabeth

METRICS and DATA ANALYSIS--We utilize the following practices to measure our performance during the grant period and use these practices to readjust our direction when needed.

- **We regularly measure #community meetings, #community members reached, #community members regularly attending, #partnerships active, # partnerships added, #monitors active, #monitors out of service, #youth in program, #youth peers in program, #social media posts, #other types of outreach to community #other unexpected outcomes.**

OUR STRATEGIES--

1. **Program Evaluation: Groundwork conducts internal and external surveys internally and with our community members via Googleforms quarterly. We compile data and our management team reviews successes and plans for adjustments when necessary.**

Program evaluations can assess the performance of a program at all stages of a program's development. The type of program evaluation conducted aligns with the program's maturity (e.g., developmental, implementation, or completion) and is driven by the purpose for conducting the evaluation and the questions that it seeks to answer. The purpose of the program evaluation determines which type of evaluation is needed.

2. **Outcome Evaluations: We look at our grant program goals and see where we are successful and why we may need to change our practices. Our management team meets weekly.**

Outcome evaluations examine the results of a program to determine the reasons why there are differences between the outcomes and the program's stated goals and objectives. Outcome evaluations sometimes examine program processes and activities to better understand how outcomes are achieved and how quality and productivity could be improved.

3. **Formative Evaluation: In talks with our partners and community members we make sure that our progress is what we expected it to be.**

A Formative Evaluation assesses the feasibility of a program or policy before its full implementation. This type of evaluation can include process and outcome measures, but its overall goal is to assist with proactive learning and improvement.

The Elizabeth N.J. Clean Air Project Expands: A Community-led Collaborative in an Overburdened Port City to Create			
INPUTS	ACTIVITIES	OUTPUTS	OUTCOMES
Monitors: PM 2.5 (12), AQLite (14) •NJDEP (highway air monitor) •EPA Air Data •Groundwork Elizabeth Staff Time •Temboo •City of Elizabeth •County of Union •NAACP. Community Organizer •Moving NJ Forward, Community Organizer •Elizabeth Parents Support Group, Community Organizer •Rutgers University, Bloustein School, Staff Time •Rutgers University, EOHSI, Staff Time •Housing Authority of the City of Elizabeth, Staff Time •Groundwork USA •Volunteers •Residents •Elizabeth Mayor Youth Council (monitoring activities assist) •Groundwork Green Team (Youth) •HACE HEAT (Youth) •Local Clean Cities Coalitions •Port of Newark (& Elizabeth) Port Authority of New York and New Jersey	Grant Administration •Maintain EPA and collaborative relationships •Reporting as required •Accounting •Logistic management Engage Community Stakeholders •Monthly hybrid community meetings (30) •Community education on air quality and environmental justice •Quarterly collaborative meetings (12) •Prepare Transportation Plan for meetings •Arrange speakers, guests •Community organizing •Marketing, Communications and Advertising •Youth workforce development •Smart Kids, Cool Seniors program (3 summers) •Elizabeth NJ 1st Street truck count (3 summers) •Environmental Survey Build Air Quality Dashboard •Determine community needs and wants •Determine inputs for environmental monitoring •Vision all possible environment uses •Develop and launch Data hub •Determine performance measures for the hub •Utilize community engagement features Expand Relationships With: • Transportation • Utilities • Business, in partnership with the Greater Elizabeth Chamber of Commerce •Discuss and prioritize achievable near-term solutions •Create a Community Action Plan •Use to Dashboard to inform local, region, state and federal lawmakers •Present at the NJ League of Municipalities in 2025 •Present to the NJ Urban Mayors Policy Center in 2025 •Present to the NJDEP, ongoing •Present to Groundwork USA Trusts at National Assembly	•30 bi-lingual community meetings •12 Collaborative meetings •Smart Kids, Cool Senoirs program (3 summers) •Elizabeth Truck Study (3 summers) •Community Environmental Survey •Social Media Campaign, 3 years •Advertising Campaign, 3 years •15 youth employed •Environmental Dashboard •Financial Management	•EJ community •Residents •government •local partners •youth •local and port fleets •industry •local universities •elected officials •other interested parties

a Replicable Air Quality Dashboard and Engagement Plan. EPA-R-OEJECR-OCS-23-01		
SHORT TERM (UNDER 1 YEAR)	MID-TERM (1-2 YEARS	LONG TERM
•Informed participation in the air quality monitoring activities •Increased awareness of health effects associated with air pollutants. •Community Engaged in setting goals to reduce PM •Trained group of data collectors •Environmental Dashboard coordinating all of Elizabeth's air monitors •Increased EJ community awareness •Community will have an accurate picture of air quality. •Discuss outcomes with public officials or influence •Determined community air quality goals and strategies •Expanded relationships with business, utilitiies and transportation	•Provide updated content ro stakeholders throughout the year via social media, influencers, monitoring groups, schools, community centers •Advocate for Port to share annual or regular emissions/air quality monitoring results •Environmental Dashboard live •Develop model program that can be duplicated in other communities •Present activities to date to government, academia and business	• See sustained air quality reporting to the community through the monitoring system in the EJ community • • • •Observe growth in the use of biodiesel, idle reduction strategies and other beneficial practices in the region to reduce PM •Demonstrate improved air quality and health benefits in the project area (lower PM as shown in data collection, lower asthma/cancer reported annually) •See an increased awareness of air quality issues and how to solve them by youth and community •Witness ongoing engagement by the community in continuing to monitor and share air quality results •Realize greater use of less polluting fuels (biodiesel) and idle reduction technologies •See new air quality ordinances and policies enacted by local government •See state policies enacted to lower transportation emissions (including PM)

Groundwork Elizabeth application for : EPA-R-OEJECR-OCS-23-01

TITLE: The Elizabeth N.J. Clean Air Project Expands: A Community-led Collaborative in an Overburdened Port City to create a Replicable Air Quality Dashboard and Engagement Plan.

AREAS AFFECTED BY PROJECT:
Elizabeth, N.J., located in Union County, State of New Jersey

CONGRESSIONAL DISTRICT: NJ-08

ZIP CODES: 07201, 07202, 07206, 07207, 07208

Manifest for Grant Application # GRANT13862107

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 22432 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16053 bytes)

2. Form SF424A-V1.0.pdf (size 23027 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40333 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15934 bytes)

5. Form SF424_4_0-V4.0.pdf (size 24064 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 36981 bytes)

Attachments Included in Zip File (total 9):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-Groundwork Elizabeth. CURRENT.IRS Letter of Determination.pdf application/pdf (size 421044 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1242-GWE-EPA-Collab2023 Logic Model.pdf application/pdf (size 61312 bytes)

3. SF424_4_0 SF424_4_0-1234-Groundwork Elizabeth Areas affected by grant..docx application/vnd.openxmlformats-officedocument.wordprocessingml.document (size 13681 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-EPA BUDGET breakdown.narrative-Collabortive Problem SolvingGrant.GWE..pdf application/pdf (size 14419 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-METRICS and DATA ANALYSIS.GWE.EPA.Cooperative.2023.pdf application/pdf (size 503156 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-GWE_EPA Letter of Support, EJ Collaborative Problem Solving (April 2023).pdf application/pdf (size 138799 bytes)

7. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-Resumes.EPA.2023.GWE.pdf application/pdf (size 7193721 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-CBO_Letters.of.Commitment.Groundwork Elizabeth.pdf application/pdf (size 1254889 bytes)

9. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1235-GWE.The Elizabeth N.J. Clean Air Project Expands. A Community.led Collaborative in an Overburdened Port City.pdf application/pdf (size 489889 bytes)

1.0 PROGRAM OBJECTIVES

1a. Project Summary

Project Title: The Elizabeth N.J. Clean Air Project Expands: A Community-led Collaborative in an Overburdened Port City to Create a Replicable Air Quality Dashboard and Engagement Plan

Project Location(s): Elizabeth New Jersey

Applicant Information: Groundwork Elizabeth has the goal of creating more sustainable, healthy and equitable communities. We seek input from our low income and environmental overburdened residents on what is needed to make a better Elizabeth. Groundwork is already invested in a Climate Safe Elizabeth program which has addressed EJ issues and issues of air quality and is positioned to take the efforts to the next steps for community improvement.

Description of Applying Organization: 501c3 nonprofit organization

CBO Set aside? No

Project Abstract: Groundwork Elizabeth has formed an environmental justice collaborative of residents, government, academia, public housing and community based organizations to address air quality issues in Elizabeth NJ. The organization is currently completing a network of air monitors in Elizabethport and is beginning to install an air monitoring system at 15 Housing Authority locations. Groundwork Elizabeth seeks, in collaboration, to engage the community to develop an Environmental Dashboard that will receive and analyze data from different monitors and provide near real-time actionable data to residents and stakeholders based upon the location they are in. The Environmental Hub is supported by local government, and academia, who both pledge to use the data to inform future decision making and community investments.

Project Type(s): Air Quality, Environmentally Overburdened Community

Special Considerations: Our project relates to Climate and Disaster Resiliency

Environmental Issue: Air Quality, Overburdened Community

List of Partners: Groundwork USA; Rutgers University, The Edward J. Bloustein School of Public Planning and Policy, Rutgers University of Environmental and Occupational Health Science Institute, Housing Authority of the City of Elizabeth, the NAACP ELizabeth, the City of Elizabeth, Union County Department of Health, Board of County Commissioners, Moving Forward NJ and technology partner, Temboo

Will you need to develop a QAPP? Yes

1b. Environmental and Public Health Information of the Underserved Community?

The focus of this project is in New Jersey's fourth largest City, Elizabeth. The port City is located just 16 miles south of New York City adjacent to Newark Airport. With a population above 125,000, Elizabeth is a highly urbanized environment (10,000+ per mile) reflecting its location in the industrialized metropolis of northern New Jersey. The city, containing five Opportunity Zones (3403903110 - Census Tract 311, 3403903120 - Census Tract 312, 3403903160 - Census Tract 316.02, 3403903980 - Census Tract 398, 3403903990 - Census Tract 399), continues to evolve from its industrial past which once included the Singer Sewing factory, many refineries and multiple shipyards.

Data from the 2020 Census and other demographic information:

As of 2020, the United States Census Bureau has estimated the population of Elizabeth, N.J. at 137,298. Elizabeth serves as the county seat and is also the fourth largest city in New Jersey hosting a variety of ethnic diversity. 64% of residents are Hispanic/Latino of any race; 19% Black or African American; and 13% White alone (not Hispanic or Latino). When compared with median state statistics, Elizabeth is significantly lower in high school graduation rates, residents with a bachelor degree, household income, and home ownership rates. Elizabeth is significantly higher than the state median in persons below poverty level, violent crime, and crimes per square mile.

Many segments of the population are disproportionately affected by poverty, the lack of access to open space, health consequences of physical inactivity and poor nutrition, and a tarnished physical environment. Many areas in Elizabeth do not offer healthy food options, and are classified as Food Deserts.

The long term issues of environmental injustice affect those most at risk and those that are in the weakest position to change their circumstances. Air quality, water quality, litter, and ground pollution are ongoing issues. All community members are affected. 30,000 school aged children walk and play daily in areas that are deemed unsafe. Within the City, impervious surfaces, heat, and population density threaten the quality of life. Many of our local neighborhoods are contaminated by soil-borne, water-borne, or airborne pollutants, and lie within a web of highways, local roadways, truck routes, dirty waterways and a large regional airport. As a coastal community, and with a continuing lack of land ownership and community awareness regarding the unnatural state of the watershed, there exists a deficit of sustainable solutions that could improve the local lives that surround it.

In a Letter of Support for this proposal Mayor J. Christian Bollwage aptly states *"as a waterfront and port community, the City of Elizabeth's proximity and access to resources, have resulted in the creation of employment opportunities and continued success of businesses throughout the area. The benefits of these commercial efforts are many; however, the exposure to diesel particulates expelled by the many trucks, planes, ships and other large machinery utilized in association with operations throughout the Port Newark-Elizabeth area, also produce significant environmental impacts."*

Particulate matter (PM) is a major health problem with greater severity in low-income, racially and ethnically diverse communities, especially in and around the City of Elizabeth, New Jersey. The City of Elizabeth is home to two of the United States busiest ports (Newark Airport Terminal A and Port Elizabeth-Newark International Container Seaport), two train stations, two exits of the New Jersey Turnpike, as well as access to major highways including Route 1 and 9. The EPA Greenbook currently

cites New Jersey, Union County, New York - N, New Jersey Long Island , NY-NJ-CT for Ozone 8-Hour Ozone (2015), 8-Hour Ozone (2008) and Carbon Monoxide (1971). Cities Solutions on Harvard.edu states"9000 housing authority properties exist within 1 mile of a superfund site (Adler, Laura. "Monitoring Air Quality and the Impacts of Pollution." Data-Smart City Solutions (https://datasmart.ash.harvard.edu/news/article/monitoring-air-quality-Andthe-impacts-of-pollution-679.Accessed 22 March 2022.)

According to the American Lung Association's recent digital publication, Particle Pollution, anyone who lives where particle pollution levels are high is at risk. People at the greatest risk from particle pollution exposure include infants, children and teens; people with lung disease, especially asthma, but also people with chronic obstructive pulmonary disease (COPD); people with cardiovascular disease; people of color; current or former smokers; people with low incomes; and people who are obese. https://www.baruch.cuny.edu/nycdata/infrastructure/airport_newark.html

Groundwork Elizabeth and collaborators seek to address air quality in Elizabeth, N.J. and its accompanying burdens on health and economy.

EJSCREEN Data:

The Climate Safe Task Force and community participants conducted the following research using two mapping tools.

EJScreen Tool: Query Findings for Elizabeth, NJ 07206 and Surrounding Neighborhoods.
1. Particulate Matter (PM 2.5 in µg/m3). Higher: National 63%, State 85% -99%
2. EJ Index - NATA Respiratory Hazard Index. Higher: National 77% - 99%, State 77% - 99%
3. NATA Diesel PM (µg/m3). Higher: National 93% - 96%, State Percentiles 86% - 96%

Climate Safe Neighborhood Mapping Tool: Elizabeth, NJ compared to Union County, NJ.
1. Rate of Impervious Coverage greater than 65%
2. Coverage of Tree Canopy is less than 10%
3. Asthma Rates of Prevalence ranges from less than 8% to over 10%
https://gwmke.maps.arcgis.com/apps/webappviewer/index.html?id=580719d523c14e9cb51bee9c04f8c24e

1c. Organizations Historical Connection to the Underserved Community

Groundwork Elizabeth (GWE) was established in 2003 through an initiative of the United States Department of the Interior and the National Park System to engage urban communities to make improvements in the physical environment and conserve open spaces. GWE has built healthy, sustainable, and equitable communities through the development and management of programs and projects that improve and enhance its local urban challenged environment and educate and employ its community members.

Groundwork Elizabeth has developed collaboration, programs and initiatives in environmentally overburdened Elizabeth, NJ. Our community relationships include:

1. Climate Safe Neighborhoods Partnership and Climate Safe Task Force (Begun in 2019, continues)In 2019 GWE joined the Climate Safe Neighborhoods partnership to explore the relationship between

historical race-based housing segregation and the current and predicted impacts of climate change. As a result, GWE launched the Climate Safe Elizabeth Task Force to engage, educate and empower select Elizabeth communities.

2. GWE Youth Development: The Green Team (Begun in 2006, youth ages 14-24) program coordinates the capacity and desire to engage local youth in hands-on, ideologically driven work to improve the environment, raise awareness about the critical environmental, economic, and social issues,nurture civic engagement, and improve quality of life in Elizabeth's most challenged neighborhoods. It also addresses skills needed for a newer, greener economy. Currently the Green Team is leading efforts to address poor air quality in Elizabeth's most needy neighborhoods working in concert with the City, Rutgers University, Groundwork USA, in a program called, "What Else is In the Air."

3. The Mayor's Youth Council, closely tied to the Green Team, is staffed by young people from ages 14-24 and led by peers. By including youth in conversations with community leaders, these youth seek to deliver their voice as an instrument for policies that will address environmental injustice, issues surrounding diversity and equity. The team meets with Mayor J. Christian Bollwage, members of City Council and policy makers.

1d. EJCPS Model Demonstration

The ***Elizabeth Clean Air Project Expands*** will use the environmental justice, collaborative, problem-solving model as follows, further descriptions of actions are located in **Project Activities.**

Issue Identification, Community Vision, and Strategic Goal Setting
- Engage the Community
- Development of the Environmental Dashboard
- Expand Relationships
- Advocate for Systems Change

Community Capacity-Building and Leadership Development
- Grant Administration
- Engage the Community
- Development of the Environmental Dashboard
- Expand Relationships
- Advocate for Systems Change

Multi-Stakeholder Partnerships and Leveraging of Resources
- Engage the Community
- Development of the Environmental Dashboard
- Expand Relationships
- Advocate for Systems Change

Constructive Engagement by Relevant Stakeholders
- Development of the Environmental Dashboard
- Expand Relationships
- Advocate for Systems Change

Sound Management and Implementation
- Grant Administration
- Engage the Community
- Development of the Environmental Dashboard

- Expand Relationships
- Advocate for Systems Change

Evaluation, Lessons Learned, and Replication of Best Practices

- Grant Administration
- Expand Relationships
- Advocate for Systems Change

1e. Project Linkages

These actions support EPA Strategic Plan Goal 2, Objective 2.2 to listen and collaborate with impacted stakeholders and provide effective platforms for public participation and meaningful engagement. All activities in this project fall within the parameters of the Clean Air Act, Section 103(b)(3) and include research, public education, monitoring, and development related to the causes, effects (including health and welfare effects), extent, prevention, and control of air pollution.

The Elizabeth Clean Air Project Continues builds upon two EPA funded projects: ***The Elizabeth Clean Air Project*** and ***Addressing Ambient Air Pollution at the Housing Authority City of Elizabeth. An Urban Housing Authority Demonstration Project.***

Project Abstract: ***The Elizabeth Clean Air Project*** will (1) bring together a diverse coalition of community stakeholders (residents, government, business, utilities and academia) that will (2) support increased monitoring of PM in the Elizabeth areas closest to the Port Newark-Elizabeth Marine Terminal; and (3) explore biodiesel as a clean energy tool to reduce diesel emission (4) while utilizing the Port Primer for Communities to complete the Community Action Roadmap.

Project Abstract: ***Addressing Ambient Air Pollution at the Housing Authority City of Elizabeth. An Urban Housing Authority Demonstration Project.*** The Housing Authority of the City of Elizabeth (HACE) in partnership with residents, local environmental non-profit Groundwork Elizabeth, and academic partner Rutgers University, will engage HACE residents to increase community knowledge of air pollution and provide actionable data. The project produces air quality readings from 13 locations utilizing a network of air quality sensors. The data will be uploaded, processed and released to the 1,604 residences at and around which sensors are placed via Community Knowledge Boards at each location. HACE will employ residents as Air Stewards to monitor sensors and engage the Mayor's Youth Council (ages 14-18) and the HACE HEAT (HACE Environmental Adventures Team, ages 14-18) will mobilize community residents. The HACE community will present analyzed data to the City of Elizabeth that will enable actions to be taken and resources to be accessed, resulting in an increase in environmental health and wellness in the City. At project's end, HACE will assume costs necessary to perpetuate the project in their operating budget, including the newly created position of Environmental Justice, Project Coordinator at HACE. The City of Elizabeth supports this application without hesitation. This partnership is also supported by the Elizabeth Development Company, the Elizabeth Urban League and the Elizabeth NAACP.

Project Partnerships: GWE will comply with all requirements in 2 CFR Part 200 and/or EPA Guidance on Participant Support Costs in making payments to partners receiving funding from this grant. GWE's financial staff are experienced with managing grant funding.

1f. Partners and Collaborators

The Environmental Justice Collaborative has come together to collaborate on ***The Elizabeth Clean Air Project Expands*** aimed at addressing environmental and public health issues in underserved communities in Elizabeth, New Jersey. Our collaboration will be guided by principles of environmental and economic justice, and we are committed to advancing environmental justice in Elizabeth and other EJ cities.

Through this collaboration, we will develop programs, policies, and activities to address the disproportionately high adverse health, environmental, climate-related, and other cumulative impacts on disadvantaged communities, as well as the accompanying economic challenges. We have reviewed Executive Order 14008 and Executive Order 1400 Justice40, and we are committed to reducing the high incidence of asthma by reducing diesel particulates in the port of Elizabeth.

Our primary objective is to achieve community health and sustainability, and we will work to build community capacity and climate resilience while maximizing benefits to overburdened and underserved communities. We will establish ongoing communication and collaboration between state agencies and local governments regarding ongoing environmental monitoring, prevention, and mediation projects at the local level to maximize the use of local resources and reduce duplication of efforts.

We will also work to advance racial equality and environmental and energy justice, address health outcome disparities, and support underserved communities. By providing resources to community-based organizations with environmental justice concerns, we will foster community-led action and build trust among stakeholders and the community.

In conclusion, our collaboration aims to transform Elizabeth, New Jersey, a historically marginalized, underserved, and overburdened community, into a healthy, thriving community capable of addressing environmental and public health challenges, including climate change.

Collaborator: Housing Authority of the City of Elizabeth, HACE HEAT (HACE Environmental Action and Adventure Team): In 2020 Groundwork Elizabeth and the Housing Authority partnered to create the HACE HEAT (HACE Environmental Adventure and Action Team) program to increase the number of youth who could participate in programs which would lead them into one of the two other youth groups. The 2020 summer-long initiative engaged HACE residents ages 15 to 21 in an exploration of the environment through education, community service and adventure. In 2022 many members of this group participated in the 2022 NJDEP Youth Inclusive Initiative. Skills and experiences gained led to a continuation of their involvement in a Climate Safe Task Force begun by Groundwork to help improve the physical environment in the City. **See letter of commitment attached.**

Collaborator: Temboo: Temboo is an environmental technology company based in New York City that provides an award-winning community-centric environmental monitoring and community engagement platform. Through a combination of innovative no-code technology and accessible, user-friendly design, Temboo removes the technological barrier to environmental monitoring and enables anyone to collect, contribute to, and access environmental data. Temboo helps people to take environmental issues into their own hands and empowers them to advocate for safer, more sustainable communities. **See letter of commitment attached.**

Partner: Mayor J. Christian Bollwage, City of Elizabeth and Mayor's Youth Council Role/Activities: Set PM reduction goals based upon project outcomes. As a founding partner of the Climate Safe Task Force, the city will encourage residents to participate in the Task Force and as Citizen Scientists for the project. The city serves on Shaping Elizabeth, (Elizabeth Health Coalition, 50+ partners) and works to set policy and create systems change to improve the health of all Elizabeth residents and stakeholders. The Mayor's Youth Council, formed during the Pandemic will address key community issues, including air quality and climate resiliency. Resources: Dept. of Health, Dept. of Parks and Recreation, Dept. of Public Works. Vested Interest: Assessing data to achieve goals. Relationship Sustainability: The City will give ongoing support via marketing and promotion, usage of facilities, and in-kind support from the Dept. of Public Works. **See letter of commitment attached.**

Partner: Union County Board of County Commissioners, Department of Health and Open Space, Recreation and Historic Preservation Trust Fund: 1n 2016 in an effort to increase sustainable food production and to encourage residents to make healthy food choices, the Union County Board of County Commissioners created a grant program called Union County Plant A Seed! This has contributed to the establishment and success of a network of 123 gardens. The Union County Means Green Community Gardening program for nonprofits, and more recently a "Kids Dig-In" program for building gardens and associated education at Union County public and private schools live within Union County. *R*This network of gardens and farms will be utilized to reach communities in Elizabeth regarding air quality. Educational materials will be distributed to school and community gardens. www.ucnj.org **See letter of commitment attached**.

Collaborator: Dr. Jennifer Sennick, PhD., Bloustein School, Rutgers University: (TAKE from NSF, HACE Ambient Demonstration) Dr. Senick is Executive Director of the Rutgers Center for Green Building and a Facilitator of the NJ Planning Healthy Communities Initiative, a coalition of academic and community resources dedicated to improving the built environment's impact on health. She has more than 15 years of advanced research experience on topics related to the intersection of behavior, energy and air quality, and evaluation research and over 25 years' experience in urban planning and public policy. Senick has managed large multi-disciplinary teams that have developed and deployed statistically significant behavioral interventions for IAQ in low-income households, including at HACE and is an active member of the building codes development community with emphasis on proposing building code revisions to existing buildings, including consideration of IEQ. She has led or contributed to dozens of studies and publications on applied healthy housing topics including those focused on air quality and community-based interventions and is active in the development and conduct of K-12 STEM/maker initiatives in disadvantaged communities. **See letter of commitment attached**.

Partner: Dr. Robert Laumbach The Environmental and Occupational Health Science Institute (EOSHI) and the Center for Environmental Exposure and Disease (CEED) within Rutgers University. Role/Activities: Will provide technical assistance for improved characterization of local air quality focused on particulate matter and diesel exhaust air pollution. They will assist with development of a quality assurance project plan (QAPP), training of GWE staff and Green Teams on fundamentals of air pollution and health, siting and deployment of Purple Air monitors, troubleshooting the monitors, and analysis and interpretation of data. Resources: RU CEED will provide real-time air monitoring equipment including three condensation particle counters (CPC 3007, TSI Inc.), five black carbon monitors (Ae51, Aethlabs), 3 personal monitors (SidePak, TSI), and 2 personal ozone monitors (POM, 2B Technologies) for demonstration and data collection as part of educational and citizen-science

learning experiences. Vested Interest/ Relationship Sustainability: The investigators (Laumbach, Butch, Haynes) have a long-standing partnership with GWE and community groups near the port to address diesel air pollution near the Port through community-driven education and air monitoring projects. **See letter of project commitment attached.**

Partner: New Jersey Clean Communities Coalition (NJCCC). Role/Activities: A partner in the Groundwork Elizabeth EPA EJ 2021 Small Grants program, NJCCC will help assist and facilitate discussions between the project team and local fleets at the Port Newark-Elizabeth Marine Terminal. NJCCC will participate in stakeholder meetings and will promote the project's outputs and outcomes on its website and through social media. Resources: NJCCC is an independent 501(c)3 nonprofit state organization that promotes public/private partnerships related to the development and use of alternative fuels, advanced technology vehicles, and the appropriate related infrastructure. NJCCC works with vehicle fleets, fuel providers, community leaders, and other stakeholders including fleets at the Port Newark-Elizabeth Marine Terminal. Vested Interest: The objectives of this project are in line with the mission of the coalition to reduce petroleum-based fuels with cleaner burner alternatives like biodiesel. Relationship Sustainability: Both GWE and NJCCC have an existing relationship that will continue well beyond this project.

Community Based Organization: Elizabeth Parent Special Support Group

Community Based Organization: NAACP, Elizabeth

Community Based Organization: Moving NJ Forward

2.0 Project Activities / Milestones Schedule

2a. Project Activities

Grant Administration: GWE is responsible for grant and project management, contracting with subrecipients, invoicing and reporting to EPA. GWE will attend / participate in EJ Grantee Training Workshops.

- **Progress-Final and Financial Status Reports**: GWE will submit reports and participate in calls and meetings as required in the RFA.
- **Post-Project Period Follow-up and Engagement:** GWE will provide semi-annual updates for no less than one year after the project. WE will submit information in a variety of formats which could include news releases, video, local media reports with updates on additional grant funding received, new initiatives and developing partnerships.

Engage Community Stakeholders

1. Groundwork Elizabeth is leading the Climate Safe Task Force to bring together a diverse coalition of community stakeholders to engage, educate, and empower the community to monitor and understand the effects of PM on their health. They plan to organize and host monthly bilingual Task Force meetings for three years to be held in-person/digitally at project partner or community center locations around Elizabeth city. The Task Force Coordinator will arrange

meetings, speakers, solicit attendees, coordinate data analysis and content, prepare for public presentation, and oversee AV needs. They will also be responsible for promoting meetings via word of mouth, advertising, newsletters, and social media, and authoring the final report to the EPA. The Climate Safe Task Force will be air stewards for existing and new air monitors and employ youth for the HACE HEAT, Climate Safe Task Force, and Green Team. They plan to partner with the Mayor's Youth Council and establish an online presence, host events, solicit feedback, collaborate, volunteer, show appreciation, and be responsive to the community.

2. The community is interested in knowing the best practices to mitigate air pollution in the port. Groundwork Elizabeth suggests constructive engagement with other stakeholders and bringing more stakeholder groups lacking in representation, such as business. They also suggest types of projects such as air quality, asthma, healthy homes, emergency preparedness, disaster resiliency, and job training related to environmental justice and youth employment. Groundwork Elizabeth aims to ensure an appropriately trained workforce by providing employee training in air quality monitoring and civil service tests for NJDE pay for all Groundwork use in high school and in college/post-college.

3. To communicate with stakeholders, Groundwork Elizabeth will employ a multi-medium strategy that includes real-time mapping of outdoor air quality, local indoor and outdoor air quality data, and their comparisons. They will use an extension of the HACE cell phone app for residents, the local-access cable TV channel, newly-installed video displays in each stairwell at HACE properties, seasonal bilingual exterior vinyl banners at HACE's Mravlag Manor, seasonal door hangers, 150 printed bilingual posters distributed seasonally, email and social media campaigns, and a digital fact sheet and infographic package. They will also provide access to HEH Data! that integrates physical, environmental, and behavioral data of local environments to empower local communities to make better choices about the multidimensional challenges posed by climate change and environmental justice problems.

Community-led development of a data hub, networking Elizabeth, NJ's air quality monitors, capable of providing multilingual actionable data to stakeholders in near real-time with technology partner, Temboo.

Temboo is an environmental technology company based in New York City that provides an award-winning community-centric environmental monitoring and community engagement platform. Through a combination of innovative no-code technology and accessible, user-friendly design, Temboo removes the technological barrier to environmental monitoring and enables anyone to collect, contribute to, and access environmental data. Temboo helps people to take environmental issues into their own hands and empowers them to advocate for safer, more sustainable communities.

Temboo's environmental monitoring and engagement platform includes ingesting publicly available air quality data for the area that is collected by the EPA and other research reports related to acute and chronic health impacts for both healthy citizens and citizens with respiratory illnesses. This public data is used for comparison with the data collected by Temboo's sensors. The EPA provides a range of air quality data, including measurements of particulate matter, ozone, carbon monoxide, sulfur dioxide, and nitrogen dioxide, among other pollutants. Temboo's platform can integrate with the EPA's data to provide a more comprehensive picture of air quality in a given area.

Temboo will be monitoring PM1.0, PM2.5, PM4.0, PM10.0, temperature, relative humidity, and typical particle size in the AQLite monitors and PM2.5 in the Purple Air network of monitors.

The project will identify air quality safety thresholds based on EPA. These thresholds will be utilized by Temboo to create data statistics for the air monitoring data that will be collected and used in the daily breather and monthly health reports on their data platform, which will also incorporate information on potential health impacts and ways for the community to reduce their exposure.

The Environmental Dashboard will provide:

1. **Environmental Monitoring**: Temboo provides an environmental monitoring and engagement platform that enables non-profit organizations to collect environmental data in their local communities. This data can be used to understand the impact of environmental issues on the community and to identify areas that need improvement. Automated alerts and graph annotations will identify air quality episodes that trigger the health thresholds established at the start of the program. Temboo will coordinate training and oversight of volunteer field technicians, and coordinate quality assurance tasks (including communication with Temboo on hardware, software, and data issues), and installation and routine equipment maintenance.

2. **Community Engagement**: Temboo's platform facilitates community engagement and volunteer involvement. It helps non-profit organizations to mobilize the community and create a sense of ownership towards environmental issues. The community-driven goal setting, team selection, and training, and community engagement around environmental findings can help to foster collaboration between residents, local businesses, and policymakers, to understand and improve the environment where they live.

3. **Performance Measurement**: Temboo's platform can also be used as a performance measurement tool. Non-profit organizations can use it to measure the impact of their environmental programs and interventions. The data collected from the platform can be used to report on the effectiveness of the organization's programs and interventions to funders, stakeholders, and the wider community.

4. **No-Code Technology:** Temboo's platform is designed to be accessible and user-friendly, even for people without a technical background. Non-profit organizations can use Temboo's no-code technology to collect environmental data and engage the community without the need for specialized technical skills or resources.

Expand Relationships with the Transportation, Utility, and Business Sectors

Relationship expansions to include:

- Port Authority of New York and New Jersey
- Shipping Terminals
- Newark International Airport
- Joint Meeting of Essex and Union Counties
- PSE&G
- Elizabethtown Gas
- American Water

- Present work to the Greater Elizabeth Chamber of Commerce

Advocate for Systems Change:

- Discuss and prioritize achievable near-term solutions
- Create a Community Action Plan
- Use to Dashboard to inform local, region, state and federal lawmakers
- Present at the NJ League of Municipalities in 2025
- Present to the NJ Urban Mayors Policy Center in 2025
- Present to the NJDEP, ongoing
- Present to Groundwork USA Trusts at National Assembly

2b. Milestones Schedule

Milestone Schedule: The Elizabeth N.J. Clean Air Project Expands: A Community-led Collaborative in an Overburdened Port City to Create a Replicable Air Quality Dashboard and Engagement Plan. EPA-R-OEJECR-OCS-23-01													
Activity	MO0	Y1Q1	Y1Q2	Y1Q3	Y1Q4	Y2Q1	Y2Q2	Y2Q3	Y2Q4	Y3Q1	Y3Q2	Y3Q3	Y3Q4
Milestone 1: Administration													
Notification of Award	x												
EPA/GWE Contract Signed		x											
Reporting and Updates		x	x	x	x	x	x	x	x	x	x	x	x
Contract with sub awards,		x	x										
Contract with contractors		x	x										
QAPP	x	x	x										
Milestone 2 Engage Community Stakeholders													
Monthly Meetings		x	x	x	x	x	x	x	x	x	x	x	x
Collaborative meetings		x	x	x	x	x	x	x	x	x	x	x	x
Smart Kids, Cool Seniors				x				x				x	
Elizabeth Truck County				x				x				x	
Community Environmental Survey						x	x	x	x				
Milestone 3: Develop Environmental Dashboard													

Engage community, determine goals		x	x	x	x								
Engage collaborative to shape dashboard			x	x	x	x							
work with Temboo to facilitate community-led design				x	x	x							
Temboo creates dashboard					x	x	x						
Dashboard soft launch								x	x				
Dashboard launch										x	x		
Dashboard maintenance												x	x
Explore Dashboard expansion to neighboring cities										x	x	x	x
Milestone 4: Expand Collaborative Relationships		x	x	x	x	x	x	x	x	x	x	x	x
Milestone 5 Advocate for System Change													
Present to NJDEP, local and county government, NJ Urban Mayors Policy Center									x	x	x	x	x
Share Community-determined goals to reduce air pollution on partner websites and in social media													

2c. <u>Itemized budget sheet budget narrative.</u>

See Attachments.

3. <u>Environmental Results- Outputs, Outcomes and Performances Measure (Logic Model)</u>

3a. <u>Environmental Results (Logic Model)</u>

See Attachments.

3b. <u>Performance Measurement Plan</u>

See Attachments.

3c. <u>Sustainability Plan and Community Vision</u>

GWE visions a community made aware of particulate matter and its effects on the health of Elizabeth residents. *The Elizabeth Clean Air Project Expands* complements the existing work of the GWE's Climate Safe Task Force while providing new resources and data points for residents and stakeholders to

consider as they work in coalition with Port Newark-Elizabeth Marine Terminal to reduce particulate matter.

The partnership expressed in this Environmental Justice Collaborative have been working together for over 20 years and expect to maintain these relationships.

Dedicated funding will be sought throughout the grant.

4.0 Programmatic Capability

4a. Organizational Experience

Climate Safe Neighborhoods Partnership and Climate Safe Task Force (Begun in 2019, continues.) In 2019 GWE joined the Climate Safe Neighborhoods partnership to explore the relationship between historical race-based housing segregation and the current and predicted impacts of climate change. As a result, GWE launched the Climate Safe Elizabeth Task Force to engage, educate and empower select Elizabeth communities. Monthly Community Meetings began in 2022 to address local air quality in Elizabethport, New Jersey

Climate Safe: The Elizabeth Clean Air Project, 2021-2023 EPA EJSG Program EPA-OP-OEJ-21-01 . Understanding that Particulate Matter (PM) is a major health problem with greater severity in low-income, racially and ethnically diverse communities, especially Elizabeth, New Jersey, the Elizabeth Clean Air Project, conducted by Groundwork Elizabeth (GWE) and led by the Climate Safe Task Force and supported by the Mayor's Youth Council, was created to 1) bring together a diverse coalition of community stakeholders (residents, government, business, utilities and academia) that will 2) increase PM monitoring and 3) define PM health costs in Elizabeth, near Port Newark-Elizabeth Marine Terminal; and 4) explore biodiesel as a tool to reduce diesel emissions, while 5) utilizing the Port Primer for Communities to complete the Community Action Roadmap. The Task Force is using a "Citizen Science" approach to engage communities to increase knowledge and awareness of air quality and how it affects health, while also providing data on local air quality (Irwin 2018). EJ stakeholders will be engaged during the entire grant period as they develop the Community Action Roadmap. This plan will be the foundation of near- and long-term approaches to mitigating bad air.

Climate Safe: Smart Kids, Cool Seniors. National Science Foundation:
The National Science Foundation on September 15, 2022 awarded a $50k planning grant under its Civic Innovation Challenge to Rutgers University, Groundwork Elizabeth, and the Housing Authority of the City of Elizabeth for this project. Team members used lessons learned in the planning grant to prepare an approximately $1 million proposal, submitted on March 1, 2023, to protect seniors living in urban public housing from the triple threat of summer heat stress, poor air quality, and inadequate indoor ventilation.

Climate Safe Elizabeth Bezos Earth Fund, 2022-2024:
Our Groundwork Climate Safe Elizabeth team, partners, and youth from the Mayor's Youth Council were awarded $347,000 from Groundwork USA and the Bezos Earth Fund to survey project sites and educate our local community on the value of MicroForests as a tool to combat climate change. MicroForests were the idea of Japanese botanist Akira Miyawaki, and serve as practical mini incubators that can be used in dense, urban areas to mitigate heat and flooding while providing a natural habitat for

plant and animal wildlife. Groundwork has built 2 forests to date and will be building three more in the coming two years. The process entails renting machinery, removing contaminated soils, purchasing soil and amendments, trees, shrubs, and fencing where needed. Youth, partners, government and the community at large all have a stake in the work and as residents reap the benefits of a drier, cooler, community with cleaner air.

GWE Youth Development: The Green Team (begun 2006, youth ages 14-24) program coordinates the capacity and desire to engage local youth in hands-on, ideologically driven work to improve the environment, raise awareness about the critical environmental, economic, and social issues,nurture civic engagement, and improve quality of life in Elizabeth's most challenged neighborhoods. They are currently leading efforts to address poor air quality in Elizabeth's most overburdened neighborhoods working in concert with the City, Rutgers University, Groundwork USA, in a program called, "What Else is In the Air."

GWE Youth Development: The Mayor's Youth Council, closely tied to the Green Team, is staffed by young people from ages 14-24 and led by peers. By including youth in conversations with community leaders, these youth seek to deliver their voice as an instrument for policies that will address environmental injustice, issues surrounding diversity and equity. The team meets with Mayor J. Christian Bollwage, members of the City Council and policy makers. Begun in 2019, it continues to provide opportunities to policymakers and youth.

GWE Youth Development: HACE HEAT
(Housing Authority City of Elizabeth Environmental Adventures and Action Team)
In 2020 Groundwork Elizabeth and the Housing Authority partnered to create the HACE HEAT (HACE Environmental Adventure and Action Team) program to increase the number of youth who could participate in programs which would lead them into one of the two other youth groups. The 2020 summer-long initiative engaged HACE residents ages 15 to 21 in an exploration of the environment through education, community service and adventure. In 2022 many members of this group participated in the 2022 NJDEP Youth Inclusive Initiative. Skills and experiences gained led to a continuation of their involvement in a Climate Safe Task Force begun by Groundwork to help improve the physical environment in the City

Urban Agriculture

- **MicroFarm and Environmental Center:**

As a result of our direction and visioning, Groundwork Elizabeth has designed and is continuing to improve a community oriented site which benefits thousands of Elizabeth and Union County Residents. Located behind the Elmora Library Branch on West Grand Street, the ¾ acre Groundwork Elizabeth *MicroFarm* is being constructed adjacent to the Groundwork Elizabeth AgLab (Agricultural Laboratory), which hosts a 50 bed community garden and an indoor classroom. We are including a state of the art energy system and four season greenhouses made available to the public in full capacity in 2019. We have made significant partnerships in helping to fund the site, and continue to seek crucial support for some of the features that will allow us to continue our work in all seasons and temperatures.

- **Housing Authority Gardening Partnership:**
  Groundwork Elizabeth supports community gardens at public housing locations overseen by the City and HACE throughout the City of Elizabeth by providing plants, materials, and instruction.

Each site contains a series of beds and seasonal programming classes.

- **Union County Plant a Seed Grant Program:**
  Groundwork Elizabeth has been managing the Plant a Seed Union County community gardening program since 2018. All 21 Union County municipalities are now engaged in the program. Both schools and nonprofit organizations are provided opportunities for creating a healthier, cleaner and greener Union County.

Ongoing partnerships:
Groundwork Elizabeth is proud to partner with the following government entities, foundations and organizations in pursuit of environmental justice in the communities we serve: Groundwork USA, New Jersey Department of Environmental Protection, the Union County Board of County Commissioners, the City of Elizabeth, Elizabeth Public Schools, the Housing Authority of the City of Elizabeth, Rutgers Cooperative Extension of Union County, Rutgers University, Kean University, US Fish and Wildlife Service, the National Park Service, the Natural Resources Conservation Service, The Nature Conservancy, The NJ Conservation Foundation, The Victoria Foundation, New Jersey Health Initiatives, Sustainable New Jersey and Robert Wood Johnson Foundation.

4b. <u>Staff Experience/ Qualifications of the Collaborative Project Managers</u>
Jonathan Phillips, Executive Director, Groundwork Elizabeth. Serving as Executive Director for Groundwork Elizabeth since 2003, Mr. Phillips has developed and managed the nonprofit in the following program areas: Healthy Living/Urban Agriculture, Youth Initiatives, Parks and Urban Waters, Green Infrastructure and Green Careers, and the Climate Safe Initiative. He has fostered relationships with the public, private, and community sectors in Elizabeth, Union County, and beyond.

Jackie Park Albaum, Director of Urban Agriculture and Environmental Justice, Groundwork Elizabeth. Since 2009, Jackie has served in progressive roles focused on expanding urban agriculture and more recently environmental justice. She led the More P.E.AS. grant funded project with the NJDEP to develop an urban demonstration - the MicroFarm in Elizabeth, and partnered with Union County to develop the Union County Plant a Seed Community and School Garden grant programs. Jackie currently serves as the Chair of the Land Committee on the New Jersey Department of Environmental Protection Environmental Justice Advisory Council (EJAC) and is a member of the Urban Ag NJ Committee of NRCS.

John Evangelista, Director of Operations. John joined the Groundwork Elizabeth Team as part of the More P.E.A.S. initiative funded in part by the NJDEP in 2016. In his role as Director of Operations, John oversees the Come Grow With Us! Urban Agriculture Initiatives, youth development projects and hydroponics as well as all the design/build projects with the Groundwork Elizabeth Green Team. As part of Groundwork Elizabeth, John built the first hydroponic greenhouse in the city of Elizabeth. In 2018, John became co-director of The Climate Safe Neighborhoods partnership which brings together nine Groundwork Trusts to explore the relationship between historical race-based housing segregation and the current and predicted impacts of climate change addressing air, water and land issues. John is currently past Vice President of the Union County Master Gardener program Rutgers Cooperative Extension and holds a seat on The Bloomfield Environmental Commission.

Beren Delgado serves as **Groundwork Elizabeth's Director of Youth Initiatives**, coordinating the three youth programs within the initiative. He came to the organization as a Green Team manager, and honed his planning and management skills beginning in May of 2022. His aptitude for coordinating intergenerational meetings with youth and seniors will help Groundwork engage all segments of the community.

Jennifer Senick, PhD. Dr. Senick is Executive Director of the Rutgers Center for Green Building and a Facilitator of the NJ Planning Healthy Communities Initiative, a coalition of academic and community resources dedicated to improving the built environment's impact on health. She has more than 15 years of advanced research experience on topics related to the intersection of behavior, energy and air quality, and evaluation research and over 25 years' experience in urban planning and public policy. Senick has managed large multi-disciplinary teams that have developed and deployed statistically significant behavioral interventions for IAQ in low-income households, including at HACE and is an active member of the building codes development community with emphasis on proposing building code revisions to existing buildings, including consideration of IEQ. She has led or contributed to dozens of studies and publications on applied healthy housing topics including those focused on air quality and community-based interventions and is active in the development and conduct of K-12 STEM/maker initiatives in disadvantaged communities.

Dr. Rob Laumbach: As an Assistant Professor for Rutgers Environmental and Occupational Health Sciences Institute (EOHSI), Dr. Laumbach specializes in clinical research and epidemiology focusing on the respiratory and cardiovascular health effects of air pollution. Aligned with this focus, Dr. Laumbach has interest in community-based research on environmental factors involved in urban health disparities including effects of psychosocial stress and air pollution on childhood asthma. He is often cited for expertise and clinical consultation on a variety of environmental and occupational health problems.
Through these efforts he led a data driven research program in Elizabeth that measured diesel PM 2.5 in the Elizabethport section of the City, which resulted in a ban on trucks driving through this formerly redlined district**.** *Please note Dr. Loaumbacks support was provided via email, however he did not submit the Letter of Collaboration as he is on strike with Rutger.*

Catherine Hart, Deputy Director: The Elizabeth Housing Authority's team has the managerial, technical, and administrative capability necessary to implement evidence-based strategies that are designed to improve the quality of life for the residents it serves. The housing authority is managed by an experienced managerial team including Executive Director, William D. Jones who oversees and manages an operating budget of $25 million annually and a full-time staff of 53. The Executive Director is assisted by a very passionate and focused Deputy Executive Director, Catherine Hart who manages the entire housing portfolio of just over 1600 units of public housing and affordable housing; and 1500 Section 8 Rental Assistance Vouchers. In addition, Jobs Plus programming and Community Supportive services for seniors and families have been implemented to provide continuing opportunities for residents. Cathy Hart is leading the project for a recent EPA award from Funding Opportunity Number: PA-OAR-OAQPS-22-01.

4c. Expenditure of Awarded Grant Funds and plan for compliance with Epa pre award compliance review for nonprofits.

Reviewed.

5.0 Past Performance

Groundwork Elizabeth has demonstrated the capacity to oversee and manage Federal, State, County, and private Foundation large scale grants. Our participation in the CDBG program taught us early to establish policies and guidelines that meet the requirements of the CDBG program and in a greater sense to conform to all Federal Policies and Procedures. We have filed all reports in a timely manner and were never cited for inaction or delay.

Examples of our work in large scale grants and programming include:

- United States Environmental Protection Agency, Environmental Justice Small Grant Port Specific EPA-OP-OEJ-21-01 for $75,000
- NRCS New Jersey Conservation Innovation Grant USDA-NRCS-NJ -CIG-19-GEN0010164 for $75,000
- Robert Wood Johnson Foundation Next Generation Community Leaders program, for $200,000.
- Union County New Jersey, Plant a Seed Community and School Garden Grant Program, 2016 - Current, $345,658
- Union County Elizabeth River Trail design and construction grant for trail from Broad Street Elizabeth to the Arthur Kill. $500,000.
- US Department of Transportation, 2006 Earmark for the Elizabeth River Trail of $500,000
- New Jersey Department of Environmental Protection, Supplemental Environmental Project, 2015, $250,000
- US Fish and Wildlife Foundation Impact Directed Environmental Action grant (current) for $225,000.

6.0 Quality Assurance Project Plan (QAPP) Information

Groundwork Elizabeth will need to do a QAPP. We have previously submitted a QAPP to the EPA.

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-IRS Determination Letter - Hispanic Access.pd

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-Work Plan - Hispanic Access.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1.		$	$	$	$	$
2.						
3.						
4.						
5. Totals		$	$	$	$	$

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) N/A	(2) N/A	(3) N/A	(4)	Total (5)
a. Personnel	$ 24,089.00	$ 25,294.00	$ 26,559.00	$	$ 75,942.00
b. Fringe Benefits	4,818.00	5,059.00	5,312.00		15,189.00
c. Travel	8,000.00	8,000.00	8,000.00		24,000.00
d. Equipment					
e. Supplies	5,100.00	2,700.00	2,700.00		10,500.00
f. Contractual	77,100.00	83,100.00	113,100.00		273,300.00
g. Construction					
h. Other	7,200.00	7,200.00	7,200.00		21,600.00
i. Total Direct Charges (sum of 6a-6h)	126,307.00	131,353.00	162,871.00		$ 420,531.00
j. Indirect Charges	23,784.00	24,734.00	30,668.00		$ 79,186.00
k. TOTALS (sum of 6i and 6j)	$ 150,091.00	$ 156,087.00	$ 193,539.00	$	$ 499,717.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES				
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8.	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$	$	$	$	$
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$	$	$	$	$

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT				
(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)			
	(b)First	(c) Second	(d) Third	(e) Fourth
16.	$	$	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$	$	$	$

SECTION F - OTHER BUDGET INFORMATION	
21. Direct Charges:	22. Indirect Charges:
23. Remarks:	

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Tracking Number:GRANT13859350 Funding Opportunity Number:EPA-R-OEJECR-OCS-23-01 Received Date:Apr 12, 2023 05:53:37 PM EDT
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ENVIRONMENTAL RESULTS/LOGIC MODEL: Nuestras Costas (Our Coasts)

Resources	Activities	Outputs	Audience	Short-Term Outcomes	Intermediate Outcomes	Long-Term Outcomes
*Hispanic Access Foundation *Red Cross *Rev. Dr. Colop * Pastora Acevedo *Pastora Ayala * Pastor Roman *Pastora Cepeda *EPA *Olas y Acciones *Latino Climate Council *Coastal planning facilitator	*Olas y Acciones meetings *Latino Climate Council meetings *Latino Conservation Week planning *Meetings with Hispanic Access staff and church leaders *Site visits	*36 community events held *1,800-2,700 attendees at community events *6 train-the-trainer events held *1 written packet developed to support train-the-trainer events; packet updated twice *6 pastors and their pastoral teams/ assistants receive direct training *36-48 pastors and their pastoral teams/ assistants receive train-the-trainer training *1,800-2,700	*Puerto Rican pastors *Puerto Rican general public *Decision-makers	*Communities and congregations informed about climate impacts in their area *Communities and congregations informed about the variety of potential solutions *Peer support between churches spurs motivation, learning, and ideas for cross-collaboration *Improved tools developed for addressing mental health challenges caused by climate change and climate worries.	*Churches have completed end-stage resilience project-planning, leading to (depending on the project): greater energy efficiency, or solar usage, or cost savings, or power backups in case of outages, or lower flood risk due to decrease in impermeable surfaces. *Congregations and communities know where to turn in case of emergencies. *Communities face less climate stress, eco-anxiety,	*Communities throughout PR are better networked, resourced, educated, and prepared for natural disasters. *Communities face fewer adverse outcomes when disasters happen. *Communities spread their knowledge and changes to other communities and churches. *Mental health resilience spreads to other communities who are not direct beneficiaries of

		coastal resilience fact-sheets distributed *30-45 Latino Conservation Week events held. *600-900 people attend Latino Conservation Week events *6 communities plan coastal resilience projects			climate grief, because they are prepared and know they are taking action.	the project (because the leaders share their knowledge and tools).

Itemized Budget Sheet: Nuestras Costas (Our Coasts)

	Description	Total
Personnel	*Director: 5% effort per year x $93,712 base salary year 1 = $4,686, x $98,397 base salary year 2 = $4,920, x $103,318 base salary year 3 = $5,166. Total = $14,771. *Program Associate: 32% effort per year x $60,637 base salary year 1 = $19,404, x $63,670 base salary year 2 = $20,374, x $66,852 base salary year 3 = $21,393. Total = $61,171.	$75,942
Fringe Benefits	Includes medical, dental, life and disability insurance. 20% of salary for Director and Program Associate = $15,188	$15,188
Travel	Including roundtrip airfare mainland to Puerto Rico, ground transportation, and lodging @ $2,000 per trip x 4 trips per year x 3 years = $24,000	$24,000
Equipment		$0
Supplies	*Printing of coastal resilience fact-sheets and other hand-outs for events and congregations: 900 attendees per year x 6 hand-outs each x $.50 per hand-out = $8,100 *Ipads for churches: $400 each x 6 churches = $2,400	$10,500
Contractual	*Hosting of community gatherings by churches: 6 churches x 2 events per year x $3,500 per event (to cover admin and planning time, food for attendees, and daycare for attendees) x 3 years = $126,000 *Seed money for churches for resilience planning projects: 6 churches x $5,000 each = $30,000 *Coastal planning facilitators: $10,000 each x 3 (to host 12 events in total) = $30,000 *Participation in advisory panel: $1,500 per year x 5 individuals x 3 years = $22,500 *Consultant to develop train-the-trainer toolkit = $9,000 *Train-the-trainer facilitation: $600 per event x 6 events per year x 3 years = $10,800 *Latino Conservation Week participation by churches: 6 churches x 3 years x $2,000 per church (to cover admin and planning time, food for attendees, transportation to events, event insurance) = $36,000	$273,300

	*Train-the-trainer event hosting by churches: 6 churches x 1 event per year x $500 per event x 3 years (to include organizing time and snack for attendees) = $9,000	
Construction		$0
Other	Publicity for public meetings: $600 per event x 12 events yearly = $21,600	$21,600
Indirect Costs		$79,186
Grand Total		$499,717

Manifest for Grant Application # GRANT13859350

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 23250 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16045 bytes)

2. Form SF424A-V1.0.pdf (size 22587 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40394 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15931 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23902 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37281 bytes)

Attachments Included in Zip File (total 6):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-Itemized Budget Sheet.pdf application/pdf (size 90263 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-Environmental Results, Logic Model.pdf application/pdf (size 54416 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-Letters of Commitment.pdf application/pdf (size 1243672 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-Resumes - Key Personnel.pdf application/pdf (size 709062 bytes)

5. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-Work Plan - Hispanic Access.pdf application/pdf (size 269443 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-IRS Determination Letter - Hispanic Access.pdf application/pdf (size 57961 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1234-Itemized Budget Sheet_FINAL.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1239-Application Work Plan_FINAL.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	66.306	$	$	$ 500,000.00	$ 0.00	$ 500,000.00
2.						
3.						
4.						
5. Totals		$	$	$ 500,000.00	$ 0.00	$ 500,000.00

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Prescribed by OMB (Circular A -102) Page 1

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	(2)	(3)	(4)	Total (5)
a. Personnel	$ 236,548.03	$	$	$	$ 236,548.03
b. Fringe Benefits	75,695.37				75,695.37
c. Travel	0.00				0.00
d. Equipment	0.00				0.00
e. Supplies	32,600.00				32,600.00
f. Contractual	8,800.00				8,800.00
g. Construction	0.00				0.00
h. Other	70,085.42				70,085.42
i. Total Direct Charges (sum of 6a-6h)	423,728.82				$ 423,728.82
j. Indirect Charges	76,271.18				$ 76,271.18
k. TOTALS (sum of 6i and 6j)	$ 500,000.00	$	$	$	$ 500,000.00
7. Program Income	$ 0.00	$	$	$	$ 0.00

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	$ 0.00	$ 0.00	$ 0.00	$ 0.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$ 0.00	$ 0.00	$ 0.00	$ 0.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 150,846.34	$ 37,711.59	$ 37,711.59	$ 37,711.58	$ 37,711.58
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 150,846.34	$ 37,711.59	$ 37,711.59	$ 37,711.58	$ 37,711.58

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	$ 150,846.34	$ 174,337.53	$ 174,816.13	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 150,846.34	$ 174,337.53	$ 174,816.13	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges: Provisional, 18% of all direct costs = $423,728.82

23. Remarks:

Justice Innovation Inc. d/b/a Center for Justice Innovation
Environmental Protection Agency
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
Rock Solid Waste Management Coalition
Logic Model

Resources/ Inputs	**Activities**	**Outputs**	**Audience**	**Short-term Outcomes** (6-12 months)	**Intermediate Outcomes** (12-24 months)	**Long-term Outcomes** (2+ years)
Staff Time: Project Director, Program Manager, Program Coordinator, Principal Research & Data Associate Training Consultant: Roots of Success Youth Participants: 20 Youth Advocates; High School Students Partnering Organizations: Members of Professional Advisory Team and additional program resources (example: space, workshop facilitation, outreaching, etc.) In-Kind Donations: supplies needed for community clean ups City University of New York (CUNY) Interns: Potential for two student interns with environmental justice focus to work with the youth participants Community Volunteers Facilities/Community Space Program Supplies EPA Funding	Hire Program Coordinator Recruit and enroll 20 program youth Convene monthly joint Professional Advisory Team and Youth Advocate Team meetings Youth Advocates will receive training facilitated by the Program Coordinator using the Roots of Success curriculum, covering topics including advocacy & community organizing and environmental literacy (including illegal dumping, and waste management) Youth advocates attend community meetings to advocate for waste management change Youth Advocates will host 24 community clean-ups (12 per cohort) Youth Advocates will facilitate 24 community education workshops (12 per cohort) Development of community waste management surveys	20 youth will be trained in advocacy and community organizing, illegal dumping, and waste management. 100 community waste management surveys completed by community residents as part of community mapping led by youth advocates Creation of two (one per cohort) community workshop curriculum designed by youth advocates Creation of two (one per cohort) one-page infographic designed by youth advocates 24 community cleanups organized by youth advocates 24 community education workshops facilitated by youth advocates 200 community residents participate in community cleanups 200 community residents complete post-cleanup questionnaire 300 community residents complete workshop	Community residents Local community-based organizations City, State, and Local government elected officials Government agencies Local schools and universities	20 youth advocates complete their community advocacy, community organizing, illegal dumping, and waste management training. Professional advisory team of 10 members are recruited and participate in the implementation of programming that will address illegal dumping and waste management Increased understanding of illegal dumping and waste management among youth advocates	Increase in # of community residents who are aware of illegal dumping and waste management. Increase in # of community residents who participate in community clean-ups. Increase in access to environmental improvements within deprived communities Continued implementation of environmental programming and projects	Decrease in illegal dumping areas on the peninsula. Development of long-term waste management policy solutions. Increase youths' and community's knowledge of environmental justice, illegal dumping, and waste management in Far Rockaway Increase community understanding of the importance of positive environmental changes Activation of former polluted public spaces for community use and/or economic development Increased governmental investment to maintain implemented environmental improvements Increased leadership and advocacy skills for youth participants Increased community advocacy for environmental community upkeep

		300 community residents complete post-workshop questionnaire about impact and effectiveness of workshops 1000 community residents receive one-pager via door-to-door outreach and street canvassing Two (one per cohort) policy brief surrounding illegal dumping and waste management Two (one per cohort) presentation on lessons learned and best practices Two (one per cohort) write-up of lessons learned and best practices 100 post-program community waste management surveys completed by community members				

1.0 Program Objectives

a. Project Summary Page

Project Title: Rock Solid Waste Management Coalition

Project Location: Far Rockaway, Queens, NY 11691

Applicant Information: *Justice Innovation Inc. d/b/a Center for Justice Innovation*. Located at 520 Eighth Ave., 18th floor, New York, NY 10018. Contact Information: Alexandrea Lee, Deputy Director of Grants Development & Administration, leea@innovatingjustice.org. *Queens Community Justice Center-The Rockaways* is an operating project of the Center for Justice Innovation and will implement the proposed project. Located at 1600 Central Avenue, 5th Floor, Far Rockaway, NY 11691. Contact Information: Kori Robinson, Project Director, korobinson@innovatingjustice.org.

Brief Description of Applicant Organization: The Center for Justice Innovation (Center) works with communities and justice systems to advance equity, increase safety, and help individuals and communities thrive. We do this in a number of ways, including investing resources in underserved communities, problem-solving side-by-side with populations affected by crime, and building programs that increase public safety without imposing lasting harms on individuals or communities. The Center's approach involves collaboration among our three main teams: research and evaluation; direct-service programming; and training and expert assistance. Research informs programming, programming informs research, and both research and practice inform our efforts to train and assist communities in adopting tailored reforms.

Are you applying for the Small CBO Set Aside Track for $150,000 projects?: No

Project Abstract: The Rock Solid Waste Management Coalition (Rock Solid WMC) will train and educate Far Rockaway community members to reduce hazardous and non-hazardous waste and to become researchers and advocates against illegal dumping. The Rock Solid WMC will activate high-school-aged youth in the Rockaways as change agents, organizers, and advocates for environmental justice over the course of a three-year youth development program. Their work will be supported by a Professional Advisory Team composed of stakeholders from the Rockaways and the wider New York City community. The goals of the Rock Solid WMC are to reduce the prevalence of illegal dumping on the peninsula through education of proper waste management strategies; address and clean up spaces which have fallen victim to illegal dumping; create a community movement towards zero waste that will allow for the sustainable reduction of waste produced; and advocate for systems-level change regarding the practices, land use, and policies that enable high rates of unaddressed illegal dumping. These efforts will reduce litter and pollution as well as support the current push for equitable re-investment in the Rockaway community.

Project Type(s): Training, workforce development, civic engagement, youth development, public education

Special Considerations: No

Environmental Issue: Waste Management

List of Project Partners: Friends of Beach 59th Street; Queens High School for Information, Research, and Technology/United Community Schools; NYC Department of Parks and Recreation; Dr. Melissa Checker; Rockaway East Merchants Association 4 United Synergy; Lily Baum Pollans; Jamaica Bay-Rockaway Parks Conservancy; Child Center of NY; Pratt Center for Community Development

Will you need to develop a QAPP for your project?: Yes

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b. Environmental and Public Health information of the Underserved Community

As a socially and geographically isolated region of New York City, Far Rockaway, Queens and the surrounding areas have experienced decades of institutional neglect and disinvestment that is often associated with landfill communities. This has led to limited transportation options, limited opportunity for economic mobility, higher incarceration rates, higher rates of assault-related hospitalizations, higher elementary school absenteeism, and lower on-time high school graduation rates than both Queens and New York City overall.[1] As a coastal community, the Rockaway peninsula is also particularly vulnerable to the impacts of climate change and natural disasters. The New York City Mayor's Office of Climate and Environmental Justice has identified several regions of the Rockaway peninsula as Environmental Justice Areas, regions where at least 23.59% of the population is below poverty and at least 51.1% of the total residency is from minority populations, including the Far Rockaway, Edgemere, Arverne, Hammels, Sommerville, and Rockaway Beach neighborhoods.[2]

The Rockaway's vulnerability to environmental disaster was put in the spotlight in 2012 when Hurricane Sandy ravaged the peninsula, with over 10 feet of storm surge flooding leaving more than 1,000 damaged structures.[3] The damage done to the Rockaways by Hurricane Sandy left residents without heat and electricity and living in moldy homes for months.[4] While natural disasters like Hurricane Sandy have no bias in the havoc that they wreak, the systemic marginalization and neglect of residents in Far Rockaway, Edgemere, and Arverne exacerbated the impact of the storm, leaving primarily Black, Hispanic, and immigrant communities to pick up the inequitably distributed pieces. On the Rockaway peninsula, 37% percent of residents are Black and 24% of residents are Hispanic.[5] Additionally, 28% of the Rockaway population identify as foreign-born, with 63% being born in Latin America.[6] Due to the patterns of disinvestment and neglect of these communities in the face of environmental justice infringements, they are often left under-resourced and without the knowledge necessary to advocate for equitable change.

The Edgemere Landfill, now known as Rockaway Community Park, was once the longest continuously operating dump in the United States and held more than 5% of the city's waste.[7] Opened in 1938 on the Rockaway peninsula in the easternmost part of New York City, the landfill accepted 1,200 tons of garbage each day, and by the time it closed down in 1991, the garbage mound occupied 178 acres and more than two miles of shoreline.[8] Over the years, the smell and sight of the landfill created the association that the surrounding communities were dumping grounds as well, thus reinforcing the institutional neglect of the Rockaway community. In 1983, thousands of improperly disposed of drums filled with toxic chemicals were discovered, leading to the designation of the landfill as a Superfund site,[9] a location where hazardous waste material is present and improperly managed.[10] Remediation efforts to remove the hazardous materials were conducted over two decades, and in 2003 the site was determined to be cleaned of all hazardous

[1] 2010 U.S. Census, http://maps.nyc.gov/census
[2] https://nycdohmh.maps.arcgis.com/apps/instant/lookup/index.html?appid=fc9a0dc8b7564148b4079d294498a3cf
[3] https://gothamist.com/news/eight-years-after-sandy-battered-rockaways-construction-begins-six-mile-long-resiliency-project
[4] https://gothamist.com/news/eight-years-after-sandy-battered-rockaways-construction-begins-six-mile-long-resiliency-project
[5] https://apps.urban.org/features/financial-health-wealth-dashboard/?puma_id=3604114
[6] https://censusreporter.org/profiles/79500US3604114-nyc-queens-community-district-14-far-rockaway-breezy-point-broad-channel-puma-ny/
[7] https://www.nytimes.com/1991/07/15/nyregion/rockaway-journal-dump-s-close-ends-malodorous-era.html
[8] https://www.nytimes.com/1991/07/15/nyregion/rockaway-journal-dump-s-close-ends-malodorous-era.html
[9] https://www.nyc.gov/assets/oer/downloads/pdf/rockaway-boa.pdf
[10] https://www.epa.gov/superfund/what-superfund

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material and capped to be incorporated as the Rockaway Community Park.[11]

Although the Edgemere Landfill has now been closed for more than 30 years, its legacy continues—with waste management continuing to be a concern on the Rockaway peninsula and illegal dumping leaving many public spaces littered with trash and pollution. For example, areas surrounding the Ocean Bay Apartments, a public housing development close to the former Edgemere Landfill, have been a hot spot for the illegal dumping of trash over the past 40 years.[12] Additionally, property between Beach 56th Place to Beach 59th Street is also a popular location for the illegal dumping of cars, trash, and other large waste.[13] Beyond anecdotal evidence, the EPA's Environmental Justice Screening and Mapping Tool (EJScreen) identifies Far Rockaway, Edgemere, Averne, and parts of Rockaway Beach as being above the 80th percentile of proximity to Superfund sites when compared to the rest of the United States, with several areas being in the 95th to 100th percentiles. EJScreen also identified many regions of Far Rockaway as being in the 80th to 90th percentile for hazardous waste proximity. Improper waste management within a coastal community threatens both the health and wellbeing of community members and the environment.

Over the years, the Rockaway community has worked to address the illegal dumping by hosting several small-scale community clean-ups and beautification projects conducted by the Queens Community Justice Center-The Rockaways, Rockaway Initiative for Sustainability & Equity, 100th Precinct, Friends of Beach 59th Street Playground Association, Jamaica Bay Rockaway Park Conservancy, Rockaway East Merchants Association 4 United Synergy, and Councilmember Joann Ariola, to name a few. However, community members have made it clear that more needs to be done to address the illegal dumping on the peninsula. Local electeds too have voiced their concerns about illegal dumping issues in the Rockaways. New York City Council Speaker Adrienne Adams called for a deeper government investment in sanitation services and cleanup initiatives, stating that "For decades, sanitation issues like illegal dumping and overflowing litter have negatively affected the quality of life for residents in Southeast Queens." Speaker Adams also noted that "in recent years, pandemic-related budget cuts worsened conditions, impacting the health, safety, and well-being of our communities."[14]

To address the issue of illegal dumping and improper waste management, the Queens Community Justice Center-The Rockaways (QCJC-TR) proposes to launch the Rock Solid Waste Management Coalition (Rock Solid WMC), a program that will train and educate community members to reduce hazardous and non-hazardous waste and to become researchers and advocates against illegal dumping. The Rock Solid WMC will activate high-school-aged youth in the Rockaways as change agents, organizers, and advocates for environmental justice over the course of a three-year youth development program. Their work will be supported by a multidisciplinary professional advisory team composed of stakeholders from the Rockaways and the wider New York City community. The goals of the Rock Solid WMC are to reduce the prevalence of illegal dumping on the peninsula through education of proper waste management strategies; address and clean up spaces which have fallen victim to illegal dumping; create a community movement towards zero waste that will allow for the sustainable reduction of waste produced; and advocate for systems-level change regarding the practices, land use, and policies that enable high rates of unaddressed illegal dumping. These efforts will reduce litter and pollution as well as support the current push for equitable re-

[11] http://kensinger.blogspot.com/2010/11/edgemere-landfill.html
[12] rockawave.com/articles/queens-bp-donovan-richards-and-officials-tour-rockaway-development-sites/
[13] https://www.rockawave.com/articles/it-is-time-to-clean-up-a-rockaway-embarrassment/
[14] https://council.nyc.gov/press/2022/06/11/2195/)

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investment in the Rockaway community.

c. Organization's Historical Connection to Underserved Community

Founded in 1996, the Center for Justice Innovation (Center), formerly the Center for Court Innovation, is a unique non-profit that works with communities and justice systems to advance equity, increase safety, and help individuals and communities thrive. The Center does this in a number of ways, including investing in under-resourced communities, problem solving side-by-side with populations affected by crime, and building programs that increase public safety without imposing lasting harms on individuals or communities.

The Center has had a long presence in Queens, where it has operated the Queens Community Justice Center (QCJC) since 2007, offering a diverse portfolio of programs, including leadership, clinical, workforce development, family support, and gender-specific programs—the unifying goals of which are to provide youth with off-ramps from the justice system, reduce recidivism, and help people lead successful lives. In July 2021, the Center launched a sister site to QCJC, the Queens Community Justice Center-The Rockaways (QCJC-TR), located in Far Rockaway Queens, which is now a local hub for justice programming, youth development, and community safety initiatives. QCJC-TR invests in residents and provides services to address public safety, support the mental health and trauma facing residents, revitalize underutilized public spaces, promote economic mobility, and prevent justice system involvement. As an organization that works closely with systems and with communities, we are uniquely positioned to bridge the gap between them, fostering communication, understanding, and trust.

QCJC-TR's approach is rooted in engaging those most impacted by marginalization and structural oppression to design their own solutions to build the communities they envision. The design and variety of programming now offered to the community by QCJC-TR was driven by a participatory research study conducted in its planning phase, in which residents, particularly young people, were given meaningful opportunities to identify both the safety issues facing the neighborhood and the potential solutions that could be implemented with QCJC-TR. As QCJC-TR continues to grow and evolve, being responsive to the Rockaway community's needs remains a pillar of our work. QCJC-TR works to elevate resident voices, both through engagement with participants and surveys in the community, and incorporate that feedback into programming. Further, QCJC-TR has held more than 25 community events from January 2022 through March 2023, engaging more than 3,500 community residents throughout Far Rockaway.

A key area of programming for QCJC-TR is placemaking and other crime prevention through environmental design strategies. This evidence-backed model, implemented at project sites across the Center, seeks to transform hot spots into thriving, safe community spaces by cleanups, beautification efforts, and/or adding design elements. QCJC-TR conducts placekeeping activities across Far Rockaway, including activating public spaces through arts healing and music events, community celebrations, and public art installations, all led by Neighborhood Stewards. Through this work, QCJC-TR aims to address disinvestment in public spaces, increase public safety, and promote community ownership and cohesion. Since the commencement of this work, QCJC-TR's Neighborhood Stewards have engaged the Far Rockaway community with over 20 beautification events at local parks and beaches, and they have assisted more than 15 local merchants with exterior business clean-ups, which promotes public safety and economic development. Most recently, QCJC-TR became the NeighborhoodStat (NStat) provider for the Beach 41st Street New York City Housing Authority (NYCHA) Development in Far Rockaway, as part of the Mayor's

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Action Plan for Neighborhood Safety. The NStat initiative brings together residents, community stakeholders, and city agency representatives to identify and solve public safety and quality of life issues. Residents take the lead on safety realization efforts through partnerships with community organizations and various City agencies.

In line with this integral approach, community residents and organizations will be crucial to the development and decision-making processes of Rock Solid WMC. The project will activate high-school-aged youth in the Rockaways as change agents, organizers, and advocates to address illegal dumping and educate the local and broader community about this environmental justice issue. Rock Solid WMC will also utilize the Environmental Justice Collaborative Problem-Solving Model (ECJPS), described in Section 1.d, and convene a Professional Advisory Team, described in Section 1.f, to prioritize community-driven participation.

d. EJCPS Model

QCJC-TR's proposed Rock Solid Waste Management Coalition aligns well with the Environmental Justice Collaborative Problem-Solving Model and incorporates elements of the model throughout the entire program period in an iterative manner.

Element 1: Issue Identification, Community Vision & Strategic Goal Setting

While QCJC-TR has already identified the disproportionately prevalent issue of illegal dumping in the Rockaways through its current placemaking work and connections with the community, Rock Solid WMC youth participants will work to further research the specifics and implications of illegal dumping in the community through community mapping and surveying. Based on the survey results, stakeholder input, and input from members of the Professional Advisory Team, youth participants will develop a vision and set strategic goals on how to work towards the vision.

Element 2: Community Capacity-Building & Leadership Development

A key component of the Rock Solid WMC is the capacity building and leadership development of the youth participants. Youth participants will receive leadership development, advocacy, organizing, research, policy, and public speaking training and ample opportunities to put their training into practice over the course of the program. In addition, the Program Coordinator will train youth participants using Roots of Success, an environmental literacy and job training program, allowing them to gain an understanding of both the community- and systems-level issues that lead to illegal dumping. To complement their understanding of the current issues, youth will also learn about Zero Waste principles, such that they are able to both identify current issues and employ a framework that can be used to address root causes of the problems at hand.[15] Equipped with the knowledge and tools from provided trainings, youth participants will then go out into the community to disseminate the knowledge to their families, classmates, and other community members through facilitating their own workshops and community cleanups. By empowering community youth through leadership and job skills training, Rock Solid WMC will develop the leadership capacity of youth to sustain future progress in the Rockaways.

Element 3: Consensus Building and Dispute Resolution

Youth participants of the Rock Solid WMC will come to consensus among themselves before implementing the various parts of the program (their workshops, community cleanups, and advocacy work). Additionally, QCJC-TR staff will facilitate monthly joint Professional Advisory

[15] https://zwia.org/zero-waste-definition/: "The conservation of all resources by means of responsible production, consumption, reuse, and recovery of products, packaging, and materials without burning and with no discharges to land, water, or air that threaten the environment or human health."

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and Youth Advocate Teams meetings. Consensus building will be an ongoing process that will serve not only to further the goals of Rock Solid WMC, but also to strengthen the problem-solving and capacities of program youth and strengthen relationships among stakeholders. Staff will employ several strategies to achieve this end across both teams, including facilitating structured meetings with agendas and objectives, setting role expectations, and co-creating subcommittee to work through various elements and challenges of the project.

Element 4: Multi-Stakeholder Partnerships & Leveraging of Resources
QCJC-TR currently works with several community partners to deliver youth programs and conduct placekeeping work. Using the organization's experience collaborating with various stakeholders, QCJC-TR's Rock Solid WMC will convene a Professional Advisory Team to support the program and provide guidance to the Youth Advocate Team. Members of the Professional Advisory Team will come from a wide variety of backgrounds in order to bring diverse perspectives and resources to the project. Partners will include local government agencies, community-based organizations, non-profits, and academic stakeholders who are all dedicated to collaboratively increasing the capacity of youth participants as change agents in the Rockaways. In additional to serving on the advisory board, all partnerships will provide various levels of in-kind resource support to the initiative. Please see Section 1.f and the attached Letters of Commitment for more information on project partners.

Element 5: Constructive Engagement by Relevant Stakeholders
QCJC-TR has developed partnerships with various organizations and individuals throughout the Rockaways and the wider New York City community to support the broad goal of addressing waste management and illegal dumping on the peninsula. As youth participants complete their training and research, the Professional Advisory Team, as well as stakeholders beyond the formal group, will play an active, supportive role to support their vision and work in Rock Solid WMC. Throughout the project period, youth participants will also work to engage state, city, and local electeds through meetings, outreach, and the final policy brief in order to foster constructive engagement with government entities. Rock Solid WMC's partnership with REMA 4 US will also assist in connecting with relevant local business stakeholders and encouraging them to proactively engage with the community in addressing illegal dumping.

Element 6: Sound Management & Implementation
QCJC-TR has experience managing and implementing both youth development and placekeeping work. There are supervisory practices in place for all staff members involved in delivering programs to ensure the appropriate and effective implementation of all programs. A similar supervisory framework will be applied to the Rock Solid WMC to ensure the coalition is running efficiently and having positive impact. The Project Director and Program Manager will oversee the Rock Solid WMC. The Program Coordinator will be responsible for the administration of the Rock Solid WMC and will manage day-to-day operation of the program. The Program Coordinator will lead the recruitment of the Youth Advocate Team and will perform onboarding of the Youth Advocate Team and the Professional Advisory Team. The Program Coordinator will support and supervise the Youth Advocate Team and ensure that timelines, as described below, are met and that activities and deliverables are completed. Youth Advocate Team weekly working sessions will also be facilitated by the Program Coordinator as well. Additionally, the Program Coordinator will serve as the primary liaison between the QCJC-TR/Rock Solid WMC and the Professional Advisory Team. The Program Coordinator will schedule monthly meetings between the Youth Advocate Team and the Professional Advisory Team in order to foster collaboration and

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communication between the two groups.

Element 7: Evaluation
Evaluation of the Rock Solid WMC will be ongoing. QCJC-TR staff will consistently evaluate progress with youth participants and professional advisory team members internally to gain their insights into the program impact and effectiveness. Youth participants will also work to evaluate the impact and effectiveness of their workshops through questionnaires given to attendees as well as their community cleanups through ongoing community surveying. At the end of the program, youth participants, with the support of QCJC-TR staff, will develop a deliverable in the form of a presentation about the lessons learned and the best practices on the community level. Furthermore, QCJC-TR will develop a write up of lessons learned and best practices for facilitating an environmental justice youth development and change agent activation program. The Center has a Data Analytics and Applied Research (DAAR) team that works with operating projects to carry out, coordinate, and supervise data management, data analysis, and research. Rock Solid WMC will have a dedicated DAAR staff member to support the collection and analysis of program data to assess the results and impact of the program throughout the project period.

e. Project Linkages
QCJC-TR's proposed Rock Solid Waste Management Coalition supports EPA Strategic Plan Goal 2, Objective 2.1 through the program's community capacity-building focus. To engage youth participants across all income levels, the Rock Solid WMC participants will receive stipends, MetroCards, and participant awards to recognize their work and support their participation in the program. These components of the program are designed to help participants overcome any financial or logistical barriers that may hinder their engagement in the program and help advance educational or skill-based goals. Youth participants will engage in capacity-building training to hone their organizing and advocacy skills while increasing their knowledge of and skills in waste management, research, environmental justice principles, and Zero Waste frameworks. Youth will then conduct research on illegal dumping in the Rockaways through community mapping and surveying. Based on the training and research conducted, participants will develop and deliver their own workshops on waste management to the community; host community clean-ups; and advocate to local community boards, city council members, and state assembly people for the policy changes necessary to mitigate the waste management issues present. By specifically working with young people in the Rockaways and providing them with the capacity-building tools to in turn engage the rest of the community, QCJC-TR is working to empower the community to lead and address the disproportionate impacts of waste management and illegal dumping issues inter-generationally. Rock Solid WMC will also partner with and engage local government agencies to achieve results and advance environmental justice principles in the Rockaways.

f. Partner and Collaborate
In efforts to meet the objectives and goals of the Rock Solid Waste Management Coalition, QCJC-TR will bring together a diverse group of stakeholders to form the Professional Advisory Team, which will provide specialized information, skills, and resources to the program and youth participants. This Professional Advisory Team will consist of partners representing, at minimum, the following stakeholder groups: community-based organizations, secondary educational institutions, city government agencies, academia, merchants' associations, public-private partnerships, social services organizations, and community planning organizations. Partners will provide support and insight related to illegal dumping and waste management efforts the Rockaways. All partnerships will provide various levels of in-kind resource support to the

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initiative, and Rock Solid WMC staff will continue to seek additional partners. Please see the attached Letters of Commitment for further information on partner backgrounds and expertise.

Friends of Beach 59th Street Playground Association is a community-based organization that works to create a safe environment for the community by educating youth and inspiring them to treat their neighborhood with care. QCJC-TR has and will continue to partner with Friends of Beach 59th Street Playground Association to hold a community cleanup on the peninsula ranging from 54th to 62nd Streets. Friends of Beach 59th Street Playground Association is committed to supporting Rock Solid WMC by assisting with assessments of illegal dumping sites, program outreach efforts, and hosting community cleanups. Director Florence Ferguson will serve on the Professional Advisory Team.

Queens High School for Information, Research, and Technology (QIRT)/United Community Schools (UCS) serves students in grades 9 to 12 in Far Rockaway, Queens, New York. QIRT/UCS is committed to enhancing students' academic experience by encouraging and learning through personal discovery. QIRT/UCS is committed to supporting the Rock Solid WMC with program outreach, recruitment of youth advocates, and providing space for the community workshops. A member of the QIRT/UCS leadership team will be represented on the Professional Advisory Team, and they will also recommend an earth/environmental science teacher to lend knowledge in the area of waste management. QCJC-TR and QIRT/UCS partner together in several capacities, and QCJC-TR plans to sustain this relationship through program referrals and participation in events. QCJC-TR Project Director Kori Robinson also currently sits on the QIRT/USC Advisory Board.

The New York City Department of Parks and Recreation (*NYC Parks*) is a local government entity whose vision is to create and sustain thriving parks and public spaces for New Yorkers. NYC Parks hosts volunteers throughout the city all year long as part of its Stewardship Projects, including events such as the Rockaway Beach Coastal Cleanup. NYC Parks' Rockaway Beach Headquarters is committed to supporting Rock Solid WMC with education and resources related to illegal dumping and waste management sustainability, program outreach, and hosting community cleanup events. Partnering with QCJC-TR on this initiative will further enhance the NYC Parks mission and goals and support future project collaborations in Far Rockaway.

Dr. Melissa Checker serves on the faculties of the PhD Program in Anthropology and Environmental Psychology at the CUNY Graduate Center. She is also the Hagedorn Professor of Urban Studies at Queens College. Her research focuses on the politics of urban sustainability, environmental racism, grassroots activism, and managed retreat. Dr. Checker is committed to supporting Rock Solid WMC by serving on the Professional Advisory Team, assisting with training and workshops, connecting the program with the wider New York City environmental justice network, and potentially connecting interns with the program to support QCJC-TR's work. Dr. Checker's work on this project will bring invaluable knowledge and provide her student interns with academic and workforce experience.

Rockaway East Merchants Association 4 United Synergy, or REMA 4 US Inc. (REMA 4 US), is a nonprofit organization that seeks to engage in economic development and revitalization in the Rockaway Peninsula. To strengthen community revitalization programs and community development efforts in the Rockaway Peninsula, REMA 4 US works alongside businesses, civic groups, government agencies, and non-profit organizations. REMA 4 US works to inform the public about opportunities that exist to strengthen the community, and to create a welcoming and safe environment to help expand economic opportunity in the Rockaway Peninsula. REMA 4 US

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is committed to supporting Rock Solid WMC by promoting the initiative to local businesses and to the Far Rockaway community, helping to identify local community members that have been impacted by illegal dumping, and foster networking for space and audiences for the community training events and workshops. Executive Director Leonor Reina will also serve on the professional advisory team. The partnership with QCJC-TR will further REMA 4 US's goals of stimulating economic development for local businesses by revitalizing Far Rockaway through community education and direct cleanup efforts.

Lily Baum Pollans is Associate Professor of Urban Policy and Planning at Hunter College in New York City. As an urban planner and scholar, her interests lie in sustainability, infrastructure, and environmental justice. As a practicing planner, she has worked in both municipal and institutional settings on public transportation, public space design, and brownfield redevelopment. In her most recent contract, she collaborated with Boston-area sustainability professionals on a study of the jobs-development potential of companies that use recycled materials as inputs in manufacturing processes. Pollans is committed to supporting Rock Solid WMC and will serve on the Professional Advisory Team, deliver training and workshops to the Youth Advocate Team, and support the advocacy of the young people in helping to deliver a policy/research component of the program. The Rock Solid WMC will further Pollans' work in environmental justice and support her interests and expertise in public space and sustainability efforts through the program's focus illegal dumping and waste management.

Jamaica Bay-Rockaway Parks Conservancy (JBRPC) is as a public-private partnership dedicated to improving the 10,000 acres of public parkland throughout Jamaica Bay and the Rockaway peninsula for local residents and visitors alike. JBRPC is committed to supporting Rock Solid WMC by supporting with hosting community cleanups and aiding youth in community mapping of illegal dumping and litter hot spots. Additionally, Assistant Director Elizabeth Stoehr will serve on the Professional Advisory Team. The partnership with QCJC-TR will further JBRPC's work in increasing educational opportunities, fostering citizen stewardship and volunteerism, and ensuring long-term sustainability. QCJC-TR plans to continue strengthening this relationship through its placekeeping programming.

Child Center of NY was founded in 1953 as a children's counseling center in Queens and has grown to become a powerful community presence throughout the New York City. With 60 locations and 100 programs in NYC's most under-served communities, their 1,000+ results-oriented professionals make a difference for more than 43,000 children and their families each year. The Child Center of NY is committed to supporting the Rock Solid WMC by dedicating a staff member to serve on the Professional Advisory Team, referring high school students as potential program participants, providing access to community space to present educational workshops, and assisting with the promotion of community clean-up events. QCJC-TR values its current relationship Child Center of NY and plans to continue strengthening this relationship through program referrals, outreach assistance, and collaborative community events.

The Pratt Center for Community Development, founded in 1963, is the oldest university-based community planning organization in the U.S. As part of Pratt Institute, we leverage professional skills in urban planning, architecture, design and public policy to work on the ground with community-based organizations to challenge systemic inequities and advance sustainable development. Pratt Center works for a more just, equitable, and sustainable New York City in partnership with community-based groups, small businesses,

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and policymakers. If funding is secured, the Pratt Center is committed to supporting QCJC-TR and its Rock Solid WMC. The Pratt Center will provide mapping expertise and serve on the professional advisory team. Collaborating to develop the Rock Solid WMC model is strongly aligned with Pratt Center's goals.

2.0 Project Activities / Milestone Schedule / Detailed

a. Project Activities

The Queens Community Justice Center-The Rockaways proposes a three-year environmental justice program, Rock Solid Waste Management Coalition that focuses on illegal dumping of hazardous and nonhazardous waste on the Far Rockaway peninsula. This initiative will train, educate, and compensate 20 Far Rockaway, high-school-aged youth to become researchers, action-takers, and advocates against illegal dumping on the Far Rockaway peninsula. Over the course of the grant period, the Rock Solid WMC will run two 16-month cycles of 10 youth each, who will be taken through the stages of learning, planning, executing, and advocating. This initiative will culminate with the youth advocates creating and developing a policy brief that will summarize the illegal dumping and waste management issues on the peninsula, options to solve the problem, and recommendations on the best option for sustainability to share with community and stakeholders.

Rock Solid WMC will be guided by QCJC-TR's Project Director, QCJC-TR's Program Manager, a Program Coordinator dedicated to Rock Solid WMC, a Center researcher, the Professional Advisory Team, and two sequential cohorts of 10 paid youth advocates each. Early in Year 1, QCJC-TR will hire a Program Coordinator to manage the program objectives and to execute the program. The Program Coordinator will work closely with members of the Professional Advisory Team who will lend their skills, expertise, and resources to assist this initiative in reaching its goals. The Program Coordinator will also be responsible for forming the Youth Advocate Team cohorts by outreaching and promoting the initiative to local high schools and youth organizations.

Youth Advocate Team: The Youth Advocate Team will be made up of high-school age youth 13-18 years old who are residents of or attend school on the Far Rockaway peninsula. The Youth Advocate Team will meet twice per week for 1-1.5 hours during afterschool hours and on occasional Saturdays. Program activities will include environmental literacy and waste management training, community advocacy and organizing, research and community mapping related to illegal dumping, and developing a community education workshop and informational materials for youth advocates to facilitate workshops with community members covering the issue of illegal dumping.

Professional Advisory Team: The Professional Advisory Team will be comprised of local stakeholders that will work collaboratively with the Program Coordinator and the Youth Advocate Team. The Professional Advisory Team will support the Rock Solid WMC by providing their expertise and knowledge to the initiative, facilitating some of the group workshops, and assisting with community outreach efforts. Members of the Professional Advisory team will also provide basic professional mentoring and networking for the program youth. Rock Solid WMC staff will continue to recruit additional members of the Professional Advisory team once notified of award. See Section 1.F Partnerships and attached Letters of Commitment for further information on the makeup of the Professional Advisory Team.

Using the Environmental Justice Collaborative Problem-Solving Model (EJCPS) the Program Coordinator will convene the Professional Advisory Team in the first two months of the project period to provide an orientation and solidify expectations of program structure. Shortly after, the

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Program Coordinator will begin to facilitate monthly meetings between the Professional Advisory Team and the Youth Advocate Teams. Subcommittees will be set up based on the annual deliverables and program activities, let by a Professional Advisory Team member with appropriate expertise. Monthly meetings will also be structured so that the Professional Advisory Team will meet 20-30 minutes before each meeting to discuss program updates, needs, and concerns before the youth advocates join. The Rock Solid WMC 16-month program will be organized into four phases of four months each:

Phase 1: Training

Environmental Literacy and Waste Management Training: The Youth Advocate Team will be trained using the Roots of Success curriculum, which prepares youth and adults for environmental jobs and career pathways in the green economy. Roots of Success employs a train-the-instructor model, through which the Program Coordinator will be trained to facilitate the 10-module curriculum. Rock Solid WMC participants will complete and receive certificates in three modules: fundamentals of environmental literacy, waste, community organizing and leadership. The Roots of Success model builds basic academic enrichment and work readiness skills that provide entry-level experience into the workforce and important foundations for the Youth Advocate Team to be activated as environmental justice change actors. In addition to the Roots of Success curriculum, members of the Professional Advisory Team will be invited to deliver workshops. Dr. Lily Pollans, Associate Professor of Urban Planning and Policy at Hunter College, will lead workshop sessions on her research surrounding solid waste management and policy implications. Dr. Melissa Checker, faculty of the PhD Program in Anthropology and Environmental Psychology at the CUNY Graduate Center and Hagedorn Professor of Urban Studies at Queens College, will lead workshop sessions on her research pertaining to environmental justice, the politics of urban sustainability, and environmental racism. This will enhance the Youth Advocate Team's Roots of Success training by providing a New York City-specific lens to view waste management and environmental justice concerns.

Phase 2: Research & Planning

Community Mapping: Working with the Center's researcher and Rock Solid WMC Program Coordinator, the Youth Advocate Team will conduct community mapping; assess illegal dumping sites in Far Rockaway; and survey residents and community members about illegal dumping areas, safety, and health concerns. This research will help the Program Coordinator and youth advocates to identify illegal dumping hotspots that will be targeted for future community clean-up efforts, as well as to collect input from community members on how illegal dumping affects their lives. Data from the community mapping and surveys will also be used to help draft the policy brief on waste management on the peninsula in the final phase.

Community Waste Management Workshops and Infographic Development: In Phase 2, building on their training and community mapping process, the youth advocates will develop a community waste management workshop that they will facilitate, in-person and virtually, to local community members and groups, including schools, churches, libraries, and other agencies and organizations beginning in Phase 3. Participants will also create a one-page infographic on waste management that can be disbursed on an even wider scale.

Phase 3: Action

Community Waste Management Workshops and Infographic: In Phase 3, the Youth Advocate Team will begin facilitating the community waste management workshops. The goal of these

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workshops is to educate community members on the impact of illegal dumping and waste management on the peninsula and to start local conversations and activism around sustainability practices. Community members will receive completion certificates to acknowledge their participation, and have the chance to evaluate the community waste management workshops by completing post-workshop questionnaires. This feedback will be integrated into workshop facilitation on an ongoing basis. The Youth Advocate Team will also disseminate the one-page infographic through community workshops, social media, door-to-door outreach, and street canvassing. These activities will be supported by the Professional Advisory Team.

Community Clean-Ups: Beginning in Phase 3, the Youth Advocate Team will coordinate and begin to implement bi-monthly community clean-ups. Sites will be selected based on the community mapping work taking place in Phase 1, and post-cleanup surveys will be distributed to community participants to gauge the impact of the events and solicit feedback on ways to improve. All community members will be invited to participate in these cleanups, and youth participants will outreach with local organizations, connect with community waste management workshop participants, and publicly advertise the clean-ups to encourage participation. Also during Phase 3, the Program Coordinator will continue to host monthly planning meetings for members of the Professional Advisory Team and Youth Advocate Team. During these meetings, the team will evaluate and analyze the results of community surveys, schedule the bi-monthly community waste management workshops, continue strategizing on how to engage with local electeds about dumping and future solutions, and partner with other agencies to start talks on prevention and ways to minimize environmental and public health risks.

Phase 4: Advocacy

Engaging Electeds and the Community: Toward the end of Phase 3, the Program Coordinator and youth advocates will start attending local community meetings and scheduling time with state, city, and local electeds to speak about illegal dumping and waste management in their districts. These activities will promote leadership development and civic engagement for youth participants. The Youth Advocate Team members will not only practice advocating on behalf of issues important to them, but they will also learn in a more general sense how different levels of government and community organizing work. The Center's Government Partnerships team can lend support during this process.

Long-Term Sustainability Efforts and Final Deliverables: During Phase 4, the Professional Advisory Team and Youth Advocate Team will focus on community sustainability efforts related to illegal dumping and waste management on the peninsula. During this time, they will continue to focus on community education by providing bi-monthly workshops, hosting bi-monthly community clean-ups, and advocating for long-term dumping and pollution solutions through engaging with elected and local organizations. The Youth Advocate Team will prepare and present a policy brief to call on elected officials and other community stakeholders to create long-term change for illegal dumping in the Rockaways. Surveys to community members about illegal dumping areas, safety, and health concerns will be reissued to those who interacted with Rock Solid WMC to measure the impact of the community education workshops and clean-up efforts provided through this initiative. Information from these surveys will be compared to the data collected during the community mapping, and the information will be used to evaluate the objectives and goals of the initiative and used for context in the policy briefing and improving the program model. The Youth Advocate Team will also develop a presentation about lessons learned and best practices on the community level, as well as a write-up on lessons learned and best

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practices for facilitating an environmental justice youth development and change agent activation program. These final deliverables will contribute to the sustainability plan and community vision, described further in Section 3.c.

The second cohort of youth will build on the work of the first cohort. Community mapping will expand, either to new neighborhoods or targeting different subsets of the community; the workshop and infographic will be updated or created anew; and the policy work and materials will similarly be updated or created anew—all of which will be driven by the youth and their cohort's specific vision. The surveys collected in the first cohort will also inform the materials and work implemented by the second cohort.

Engagement of youth throughout their entire 16-month cohort is critical to ensure that they benefit from the full range of program activities and development opportunities. QCJC-TR will employ several strategies to encourage retention. Participants will sign a letter of commitment and attend a Rock Solid WMC orientation to review program expectations and commitments. QCJC-TR will also seek buy-in from participants' caretaker(s), and potentially support from their school. Off-site program trips, including the community mapping process itself, as well as guest speakers and appropriate breaks during the projects will assist with engagement and ensuring that youth advocates are able to balance other responsibilities in their day-to-day lives. Participants will also be able to engage with other youth programming at QCJC-TR, building strong social networks. At the end of their full participation in the program, participants will receive a stipend to acknowledge their efforts that they then could apply to a financial need like higher education costs.

Additionally, QCJC-TR staff build transformative relationships to maintain participant engagement and use Assertive Outreach to reengage participants whose participation wanes. Assertive Outreach is a persistent and purposeful approach used with individuals who may have difficulty engaging with programming due to trauma and poor experiences with providers. The onus is on QCJC-TR staff to engage participants and consistently try to re-engage youth as needed. Transformative relationships involve staff taking a non-judgmental, strengths-based stance that recognizes the young person and their family as the experts in their lives and an asset to their community. Building trust and respect and demonstrating reliability early on is often essential to engaging young people. If a participant does ultimately disengage, Rock Solid WMC will fill the program slot from a waiting list or accept further referrals.

b. Milestone Schedule

Planning	
November to December 2023	• Hire a Program Coordinator (PC) to manage and schedule program activities, the Professional Advisory Team (PAT), and the 20-person Youth Advocate Team (YAT) • QCJC-TR to identify additional PAT members
January to February 2024	• PC to convene the PAT for orientation/kick-off • PC to begin recruiting 10 youth • PC to be trained to facilitate Roots of Success curriculum
Cohort 1: Phase 1	

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March to June 2024	• YAT enrollment and orientation • PC to train YAT in environmental literacy, waste management, and community organizing and literacy using the Roots of Success model • Joint PAT/YAT monthly meetings to begin
Cohort 1: Phase 2	
July to October 2024	• Monthly joint PAT/YAT meetings continue • YAT to work with the Center researcher to do community mapping, assess illegal dumping sites in Far Rockaway, and survey residents • YAT to develop a community workshop on waste management to deliver to schools, local community groups, etc. • YAT to create a one-page infographic on waste management that will be disseminated to the community
Cohort 1: Phase 3	
November 2024 to February 2025	• YAT to implement bi-monthly community clean-up efforts with support from partnering agencies • YAT to facilitate bi-monthly community workshops and presentations on the effects of illegal dumping, waste management, health risks, etc. • YAT to collect surveys at the end of workshops and cleanups to gather feedback • YAT to distribute the one-page infographic to the community • Monthly joint PAT/YAT meetings continue • PC and YAT to attend local community meetings and meet with elected officials about dumping in their districts.
Cohort 1: Phase 4	
March to June 2025	• YAT to continue community clean-up efforts and workshops • Monthly joint PAT/YAT meetings continue • Issue surveys to residents and community members who participated community mapping to measure the impact of Rock Solid WMC • YAT to prepare a policy brief to call on elected officials and other community stakeholders to create long-term change • YAT to prepare a presentation with lessons learned and best practices • YAT to prepare a write-up with lessons learned and best practices • YAT and PAT to partner with local businesses, non-profits, and agencies to discuss sustainability and long-term solutions. • PC to recruit 10 youth for Cohort 2
Cohort 2*	
*Cohort 2 will follow the same timeline and activities as cohort one, building on and evolving the work accomplished by Cohort 1. Specifically for Cohort 2, Phase 1 will occur July to October 2025; Phase 2 will occur November 2025 to February 2026; Phase 3 will occur March to June 2026; and Phase 4 will occur July to October 2026.	

c. **Itemized Budget Sheet / Budget Narrative:** See the attached itemized budget sheet.

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3.0 Environmental Results – Outputs, Outcomes, and Performance Measures (Logic Model)

a. Environmental Results: Please see the attached Logic Model.

b. Performance Measurement Plan

For all programs operated by the Center, including QCJC-TR, research and tracking outcomes play essential roles. The Center is committed to an "action research" model in which researchers develop performance benchmarks in close coordination with project staff and then provide regular, data-driven feedback to identify successes and challenges that spark changes in practice and contribute to quality assurance and quality improvement efforts. QCJC-TR uses feedback surveys and other methods such as focus groups and individual interviews to capture levels of community satisfaction and to seek ideas for improving programming. The Center is deeply experienced in collecting data to understand, inform, and adjust practice; add to the field's overall research on what makes communities safer; and meet its funders' reporting requirements. Rock Solid WMC will have a dedicated researcher to support the collection and analysis of program data to assess the results and impact of the program. If awarded this grant, QCJC-TR will regularly review data to analyze outcomes and will respond by making program enhancements, adjusting practices or protocols, and/or offering staff further training. The Project Director, Program Manager, and Program Coordinator will perform regular audits of the program by observing program facilitation.

c. Sustainability Plan and Community Vision

Many residents in Far Rockaway see their neighborhoods as places where crime and incarceration are inevitable. As demonstrated, a key area of QCJC-TR programming that responds to this sentiment is investing in and revitalizing community spaces in order to enhance public safety and build community. The research, workshops, and advocacy completed under the Rock Solid WMC will significantly inform future placekeeping, community benefit, and beautification projects. The Rock Solid Waste Management Coalition initiative will shine a light on the community's environmental injustice and further the process of activism and policy reform in the Rockaways. To drive and sustain this initiative beyond the grant period, QCJC-TR is dedicated to keeping the issue at the forefront of its work and sharing new and relevant information as it is uncovered.

Further, because the model of the Rock Solid WMC hinges on community buy-in, QCJC-TR expects the program's momentum to be sustained towards achieving the community's goals. As residents and community members of the Far Rockaway peninsula, those who are closest to the issue often have the ideas, connection to community, and desire to make change addressing the issues they experience. The initiative will work to build the capacity of the younger generation of Rockaway residents and environmental justice change agents so that they in turn can educate their family, friends, classmates, and the community at large. The incorporation of youth-designed and -delivered surveying of the Rockaway community also ensures that the community is involved in the development and continued iteration of the vision for change in waste management and illegal dumping on the peninsula.

Finally, QCJC-TR aims to develop a replicable model for addressing environmental injustices and promoting youth-led advocacy for other Center sites and outside organizations to implement across New York City. Although the Rockaways disproportionately faces illegal dumping and waste management issues, QCJC-TR will be piloting youth advocacy model that others can implement to address a range of environmental concerns, such as lead, drinking water contamination, and air quality, and to advocate for policy changes in the disinvested communities they serve.

4.0 Programmatic Capability

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a. Organizational Experience

Since its inception, the Center for Justice Innovation has helped design, implement, and run more than three dozen operating projects, produced original research about hundreds of justice initiatives, and hosted tens of thousands of visitors interested in justice reform. The Center's projects, like QCJC-TR, have achieved tangible, independently verified results like safer streets, reduced levels of fear, and improved neighborhood quality of life.

Recognizing that youth can be transformative leaders, the Center operates Youth Impact, which provides restorative, peer-facilitated diversion programming, across multiple sites. As paid interns, Youth Impact members lead diversion programs, develop and pilot projects to promote community change, and take actions to address the underlying issues causing youth contact with the criminal legal system. Youth Impact's predecessor program, Youth Court, began in 1998. Additionally, the Youth Action Institute (YAI), formerly the Youth Justice Board, is a Center program that offers young New York City residents, ages 16-21, a paid fellowship opportunity to be trained in, and execute, intensive public policy research and policy advocacy, focusing particularly on the experiences of young people in public institutions. Fellows design research questions and protocols, execute their team-identified research projects and analyses, then translate their findings for multiple audiences and for pointed advocacy with policymakers, agencies, and other systems players. YAI uses this model because it values the intellect and expertise of young people, particularly when they are personally impacted by the topic of study, and because it sees these methods as a way to support them in claiming, using, and being accountable for their power. The Center has operated YAI's public policy research fellowship for more than 15 years.

Programming at QCJC-TR includes a mix of youth, adult, and community offerings for the Rockaways. QCJC-TR has experience operating placekeeping programming and is experienced with engaging the Rockaway community, as described in section 1.c. Youth programming includes the Rocksteady Youth Initiative (RSI), a program funded by the Queens District Attorney's Office, which works with youth ages 11 to 18 years old who are at risk of involvement in or are currently involved in the justice system. RSI youth are provided with educational, recreational, workforce and leadership development, and life skill training opportunities. The program focuses on reduction in youth crime and justice involvement by offering interest-based programming, like photography, graphic design, and podcasting, as well as placekeeping projects that encourage participants' community pride and civic engagement. Since its inception in October 2021, RSI has served 65 participants. The program has a 100% completion rate and has dispensed more than $23,000 in participant stipends.

The collaborative problem-solving model will be essential to Rock WMC's success, and QCJC-TR is experienced working with partners in the Rockaways and the wider community to meet identified needs. As described in section 1.c., QCJC-TR was and continues to be informed by community input. Additionally, QCJC-TR has collaborated with various deeply rooted Rockaway organizations and entities such as the Child Center of NY, United Methodist Center, the 100th and 101st precincts, and NYCHA developments like Hammels Houses, Redfern, and Carleton Manner.

b. Staff Experience / Qualifications

Kori Robinson, QCJC-TR's Project Director, is a Queens, New York native. In her previous role as a Field Director for the Police Athletic League Inc. (PAL), she supervised day-to-day operations, coordinated programming, and created community networks for the Goldie Maple Academy Beacon Community Center located on the peninsula. This center provided afterschool

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activities such as homework assistance, tutoring, STEAM, literacy development, performing arts, and physical education for youth in grades K-8. Since joining QCJC-TR, Ms. Robinson has continued to network and create collaboration opportunities and with local community stakeholders in Far Rockaway. She is currently the co-chair of the Far Rockaway/Arverne Nonprofit Coalition's (FRANC) Rockaway Peace Initiative Committee that seeks to decrease local violence by bringing awareness to issues on the peninsula and working collectively with other nonprofit agencies, local law enforcement, and electives to problem solve and create preventive solutions. She is also an active member of the Queens High School for Information Research & Technology (QIRT) Advisory Board, which connects the school community with local organizations and businesses to network and share resources.

Alexis Harbour is the Program Manager of Youth and Justice Initiatives at the Queens Community Justice Center-The Rockaways. Ms. Harbour oversees day-to-day operations of QCJC-TR programming and will provide supervision to staff on Rock Solid WMC. Ms. Harbour has fifteen years of extensive nonprofit experience in direct care service, community engagement, and philanthropy. Ms. Harbour has experience in child welfare, public policy, budget analysis, and intimate partner violence. Ms. Harbour's work has been rooted in New York City, particularly Queens and Brooklyn. Ms. Harbour is skilled in building relationships with local organizations and engaging community members to participate in civic engagement regarding legal, health, environmental, and educational disparities affecting the Rockaways.
The to-be-hired, full-time Program Coordinator will be responsible for the administration of the program. The Program Coordinator will have in-depth knowledge and familiarity of the Far Rockaway community and the Peninsula. The Program Coordinator's ties to the community will be essential to connecting with the youth participants and engaging local residents. Please see the attached job description for further responsibilities and qualifications of the to-be-hired Program Coordinator.

The Program Coordinator will have access to the Center's in-house Training Institute, which provides frequent ongoing education opportunities to its diverse and growing workforce to increase retention and promote the continual development of staff. The Training Institute develops on-site trainings in collaboration with internal staff experts, agencies, community-based organizations, and academic institutions. Targeted skills-based trainings in evidence-based practices, such as motivational interviewing and effective counseling, ensure high quality direct services while organizational development trainings, such as management and implicit bias trainings, promote healthy and supportive working environments.

c. Expenditure of Awarded Grant Funds and Plan for Compliance

With a current annual operating budget of more than $90 million and more than 25 years of experience in grants management, including dozens of federal grants, the Center is well positioned to successfully manage this award. The Center has fiscal and administrative departments responsible for fiscal planning, management and oversight, contract compliance, human resources, policy and procedures, and employee relations. QCJC-TR is assigned a senior fiscal manager to help manage grants, track expenses, and manage subawards and a senior development advisor to provide support writing grants and ensuring the timely and accurate submission of reports. QCJC-TR's Project Director also manages all project staff, program grants, contracts, and budgets. In keeping with General Accepted Accounting Principles (GAAP), the Center documents all of its accounting policies and procedures, including general ledger maintenance, payroll review and

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reporting, and invoice documentation. The Center has implemented a Netsuite Enterprise Resource Planning (ERP) system that handles all general ledger, including payroll functions. In addition, the Center follows the American Institute of Certified Public Accountants Industry Guide, "Audits of Not-for-Profit Organizations," for specific accounting policies and financial statement reporting guidelines. An independent certified public accounting firm conducts an annual audit to ensure fiscal accountability, internal controls, and contract compliance. If awarded funding, the Center's fiscal, administrative, and programmatic teams would ensure proper management of funds and work with the EPA to adhere to EPA's Pre-Award Compliance Review for Nonprofit Organizations, including providing records to assess and evaluate the Center's capabilities to manage funds and successfully perform the project scope of work.

5.0 Past Performance

Funder	Project	Successful management and completion?	Successful meeting of reporting requirements including final reports?
Urban Upbound/Mayor's Office of Neighborhood Safety	Queens Community Justice Center-The Rockaways: Love Where You Live Campaign	YES	YES; quarterly fiscal reporting
Department of Justice: Office of Juvenile Justice and Delinquency Prevention	Queens Community Justice Center: Queens HOPE, addressing Commercial Sexual Exploitation of Children	YES	YES; semi-annual and final reporting
Department of Justice: Office for Victims of Crime	Child Victims and Witnesses Going to Court	YES	YES; semi-annual and final reporting, as well as final published materials
Robin Hood Foundation	Red Hook and Brownsville JOIN, youth alternative-to-incarceration programming	YES	YES; interim and final reporting
W. Clement & Jessie V. Stone Foundation	Youth Action Institute	YES	YES; interim and final reporting

The above-listed grants and cooperative agreements were successfully managed and completed, including compliance with all reporting requirements. The Center's Grants Development & Administration team and fiscal department provide dedicated support to grants management and reporting. Attesting to the Center's successful management of these awards is the fact that three out of the five have been re-awarded under competitive processes—as is the case with many of the Center's awards.

6.0 Quality Assurance Project Plan (QAPP) Information

Rock Solid WMC will involve the use of existing or the collection of new environmental data.

ED_016126_00000949-00018

Manifest for Grant Application # GRANT13861733

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 27243 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16041 bytes)

2. Form SF424A-V1.0.pdf (size 23249 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40280 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15925 bytes)

5. Form SF424_4_0-V4.0.pdf (size 24033 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37367 bytes)

Attachments Included in Zip File (total 6):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1234-Itemized Budget Sheet_FINAL.pdf application/pdf (size 483490 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-Proof of Nonprofit Status_JI_501c3 Letter_FINAL.pdf application/pdf (size 685959 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-Resumes of Key Personnel_FINAL.pdf application/pdf (size 812543 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-Letters of Commitment from Partners_FINAL.pdf application/pdf (size 2454684 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-Environmental Results - Logic Model_FINAL.pdf application/pdf (size 67439 bytes)

6. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1239-Application Work Plan_FINAL.pdf application/pdf (size 236151 bytes)

APPENDIX F
EJCPS Budget Detail Template (Optional)
Applicants who do not use this template will not be penalized in the evaluation process.

	Description	Total
Personnel	Partial salary for key staff including organizers, outreach specialists, management, adminstration and data support	$285, 900
Fringe Benefits	Benefits calculated at 30%	$85,770
Travel	To and from offices across PA, NV, and NJ to conduct outreach, host planning meetings, and strategize	$15,030
Equipment	Outreach equipment including Hustle, EveryAction, ThruTalk; Personal protective gear for in person activities; Phones, tablets, and mobile hotspots	$20,000
Supplies	Event supplies including food, permits, signage, etc. for in-person events; Office supplies including paper, tape, pens, clipboards; Printing	$30,000
Contractual	Translation and cleaning services	$6,000
Construction		
Indirect Costs	Rent, internet, and utlities for offices	$32,300
Other	Any costs not laid out above	$25,000
		$500,000

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1236-MRS EJCPS Logic Model.docx.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1235-EPA OEJECR EJCPS MRNJ Advancing Environmental Jus

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Office of Environmental Justice and External Civil Rights EJCPS	66.306	$	$	$ 500,000.00	$	$ 500,000.00
2.						
3.						
4.						
5. Totals		$	$	$ 500,000.00	$	$ 500,000.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total
	(1) Office of Environmental Justice and External Civil Rights EJCPS	(2)	(3)	(4)	(5)
a. Personnel	$ 285,900.00	$	$	$	$ 285,900.00
b. Fringe Benefits	85,770.00				85,770.00
c. Travel	15,030.00				15,030.00
d. Equipment	20,000.00				20,000.00
e. Supplies	30,000.00				30,000.00
f. Contractual	6,000.00				6,000.00
g. Construction	0.00				0.00
h. Other	25,000.00				25,000.00
i. Total Direct Charges (sum of 6a-6h)	467,700.00				$ 467,700.00
j. Indirect Charges	32,300.00				$ 32,300.00
k. TOTALS (sum of 6i and 6j)	$ 500,000.00	$	$	$	$ 500,000.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Office of Environmental Justice and External Civil Rights EJCPS	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 500,000.00	$ 125,000.00	$ 125,000.00	$ 125,000.00	$ 125,000.00
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 500,000.00	$ 125,000.00	$ 125,000.00	$ 125,000.00	$ 125,000.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Office of Environmental Justice and External Civil Rights EJCPS	$ 500,000.00	$ 500,000.00	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 500,000.00	$ 500,000.00	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges:

23. Remarks:

APPENDIX C

Make the Road States EJCPS Logic Model

Resources/ Inputs	Activities	Outputs	Audience	Short-term Outcomes (6-12 months)	Intermediate Outcomes (12-24 months)	Long-term Outcomes (2+ years)
• Staff Time & Expertise - Organizers & Canvassers • Databases & Data Collection Tools • Trust relationships with leaders in directly impacted communities • Project partners & collaborators • Expertise in base building, organizing, and engaging community members • Educational materials on local EJ issues and resources to address issues	• Canvassing & phone banking • Survey & Qualitative Data Collection of MRS members and broader community members • Synthesizing of data and stories alongside community members • Biweekly Environmental Justice committee meetings made up of directly impacted people • Community education and information gathering sessions on	• 600 surveys completed • 4,500 conversations with community members • 18 education sessions about local EJ issues with 450 community members in attendance total • 12 Major media hits about the project and importance of EJ • Staff, members, and leaders trained on local EJ issues	• Make the Road States Members in NV, NJ, and PA • Black, Brown, immigrant, working class and poor communities in NV (Las Vegas and Reno), PA (Allentown, Philadelphia, and Reading), and NJ (Elizabeth, Perth Amboy, ___) • Other community organization partners and collaborators • Local and state elected officials and other decision makers	• Complete 200 surveys in each state (600 total) focused on discovering EJ issues impacting the community • Develop communication s plan to announce project and findings • Hold first educational workshop with members in each state • Have conversations with local partners about amplifying grant impact and partnering on outreach and education sessions	• Hold at least 5 education sessions in each state focused on members and broader community • Reach at least 150 people in each state (450 total) through education sessions • Get at least 4 major media hits surrounding the project and local EJ issues impacting members • Have quarterly evaluation meetings of the education sessions, communications and outreach to determine best practices and	• Campaigns for local and state policy changes related to EJ issues that stem from this project • New local and statewide policies passed in NV, PA, and NJ focused on cleaner water, cleaner air, a more equitable response to climate change, and other EJ issues identified

• VAN, Thrutalk and other community contact tools • Funding from EPA and other foundation funding sources	local EJ issues • Training for staff and members on EJ issues	• 150 new members and leaders regularly engaging in meetings and events surrounding EJ issues		• Set up regular meetings between PA, NJ, and NV to share best practices and workshop challenges • Have at least 20 new members join our climate organizing in each state (60 total) and regularly participate in leadership roles within the project	implement new strategies • Reach at least 1,500 people in each state (4,500 total) through conversations around the project and input on issues community members are facing • Synthesize all data collected with members to determine possible solutions and work with members to determine next steps • Have at least 50 new members join our climate organizing in each state (150 total) and regularly participate in leadership roles within the project	

Manifest for Grant Application # GRANT13861705

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 23919 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16062 bytes)

2. Form SF424A-V1.0.pdf (size 22916 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40239 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15924 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23931 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37328 bytes)

Attachments Included in Zip File (total 5):

1. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1235-EPA OEJECR EJCPS MRNJ Advancing Environmental Justice in NV, NJ, and PA 2023 Application.pdf application/pdf (size 621812 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-MRNV EPA LETTR.pdf application/pdf (size 119780 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-PA Climate Table Letter of Support MRS EJCPS Application.pdf application/pdf (size 141050 bytes)

4. SF424_4_0 SF424_4_0-1234-Congressional Districts.pdf application/pdf (size 121233 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-MRS EJCPS Logic Model.docx.pdf application/pdf (size 73856 bytes)

MAKE THE ROAD
NEW YORK | NEW JERSEY | CONNECTICUT | PENNSYLVANIA | NEVADA

United States Environmental Protection Agency
Office of Environmental Justice and External Civil Rights
Environmental Justice Collaborative Problem-solving Cooperative Agreement

Make the Road States Program Application
Advancing Environmental Justice in Nevada, New Jersey, and Pennsylvania

Congressional Districts

New Jersey:

NJ-6
NJ-8
NJ-9
NJ-10

Pennsylvania:

PA-6
PA-7
PA-3

Nevada:

NV-1
NV-2
NV-4

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Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-Attachment 1 - Budget [ECP Accelerator].pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-1. NARRATIVE_ ECP EPA EJCPS 230411 (1).pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	66.306	$ 500,000.00	$	$	$	$ 500,000.00
2.						
3.						
4.						
5. Totals		$ 500,000.00	$	$	$	$ 500,000.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	(2)	(3)	(4)	Total (5)
a. Personnel	$ 85,333.00	$	$	$	$ 85,333.00
b. Fringe Benefits	14,133.00				14,133.00
c. Travel	88.00				88.00
d. Equipment	0.00				0.00
e. Supplies	3,500.00				3,500.00
f. Contractual	0.00				0.00
g. Construction	0.00				0.00
h. Other	387,000.00				387,000.00
i. Total Direct Charges (sum of 6a-6h)	490,054.00				$ 490,054.00
j. Indirect Charges	9,946.00				$ 9,946.00
k. TOTALS (sum of 6i and 6j)	$ 500,000.00	$	$	$	$ 500,000.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 200,000.00	$ 30,000.00	$ 50,000.00	$ 60,000.00	$ 60,000.00
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 200,000.00	$ 30,000.00	$ 50,000.00	$ 60,000.00	$ 60,000.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	$ 200,000.00	$ 300,000.00	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 200,000.00	$ 300,000.00	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: 490054

22. Indirect Charges: 9946

23. Remarks:

ATTACHMENT 1 - BUDGET

Project Title: Equitable Commute Project Accelerator (**ECP Accelerator**)
Applicant Information: New York City and Lower Hudson Valley Clean Communities, Inc. (D/B/A: Empire Clean Cities)

	Description	**Total**
Personnel	• Executive Director @ $43.59/hour for 400 hours = $17,436 for 2 years • Policy and Partnership Manager @ $33.33/hour for 1,040 hours = $34,667 for 2 years • Communications and Outreach Coordinator @ $30.77/hour for 950 hours = $29,231 for 2 years • Social Media and Marketing Intern @ $20/hour for 200 hours = $4,000	$85,333
Fringe Benefits	Fringe Benefits include: FICA (7.65%) and Holiday and Vacation Leave (9.5%). • Executive Director = $2,964 • Policy and Partnership Manager = $5,893 • Communications and Outreach Coordinator = $4,969 • Social Media & Marketing Intern (FICA only) = $306	$14,133
Travel	Travel to and from outreach events and meetings for ECC staff on NYC Bus/Subway. $5.50 Roundtrip MetroCard X 16 trips = $88.00	$88.00
Equipment	$0	$0
Supplies	Miscellaneous supplies for outreach and education events (e.g. printing, signage, etc.): $3,500	$3,500
Contractual	$0	$0
Construction	$0	$0
Indirect Costs	Indirect rate of 10% of Salaries and Wages	$9,946.00
Other	Subaward to Transportation Alternatives: $100,000 • To conduct community and stakeholder outreach activities Subaward to The Hope Program: $95,000 • To oversee the workforce development component and train one pilot cohort of 15-20 jobseekers in the South Bronx. Subaward to Bright Side: $100,000 • To support project marketing, media relations, and strategic partnerships with e-bike vendors and other micromobility industry partners Subaward to Barretto Bay Strategies: $20,000 • To support outreach and engagement to anchor institutions in the Bronx Subaward to Greater Hunts Point EDC: $22,000 • To conduct outreach and education to Bronx-based businesses and employers Subaward to New York University: $50,000 • To support outreach activities and monitoring and evaluation of the project, including data collection and reporting	$387,000
TOTAL		$500,000

ATTACHMENT 2 - LOGIC MODEL

Project Title: Equitable Commute Project Accelerator (**ECP Accelerator**)
Applicant Information: New York City and Lower Hudson Valley Clean Communities, Inc. (D/B/A: Empire Clean Cities)

Resources/ Inputs	Activities	Outputs	Audience	Short-Term Outcomes (6-12 months)	Intermediate Outcomes (12-24 months)	Long-Term Outcomes (2+ years)
Personnel time and effort Strong community partnerships Technical Expertise Existing e-bike loan program infrastructure Workforce Development Program Structure through The Hope Program	Form new partnerships with employers eligible to participate in e-bike loan program	Establish 10 new partnerships, including at least 2 with area hospitals Connect 500 individuals to ebikes	Anchor employers in program areas	Increase in employers (+10) and individuals (+50%) participating in Spring Bank's e-bike Loan Programs	Higher credit ratings for participants in e-bike loan programs Increase in # of e-bike riders in program area communities	Decrease in fine particulate matter levels in program area communities
	Conduct outreach to bike shop distribution partners	Expand network of bike shop distribution partners by 50%	Local businesses	Increased access to e-bikes in program communities	Increase in # of e-bike riders in program area communities	Decrease in fine particulate matter levels in program area communities
	Organize e-bike training and rider safety events	3000 new e-bike riders reached through training/safety events and group rides	E-bike riders (potential and existing– commuters, parents, essential workers)	Direct increase in # of e-bike riders in program area communities	Indirect increase in # of e-bike riders in program area communities (through word of mouth, etc.)	Decrease in fine particulate matter levels in program area communities
	Collect and evaluate data on ridership	1 white paper published drawing on data collected	City, state, and national elected officials, policymakers,micro mobility advocacy groups	Metrics on rider patterns and trends to inform continued program rollout	New insights into e-bike ridership, barriers, and impact on air pollution to inform policy	New insights into e-bike ridership, barriers, and impact on air pollution to inform policy
	Meet with city and	20 policy/advocacy	City, state, and	Greater publicity	City/state legislation	City/state legislation

	state elected officials, policymakers, and micromobility advocacy groups to promote e-bike charging and storage infrastructure, subsidy legislation, and safety regulations	stakeholders reached	national elected officials, policymakers,micro mobility advocacy groups, e-bike companies	around efforts to support e-bike uptake	supporting e-bike uptake (storage and charging, safety, subsidies/rebates)	supporting e-bike uptake (storage and charging, safety, subsidies/rebates)
	Host workforce development trainings and support job seekers	15-20 people trained to become e-bike technicians and 10-12 connected to green micromobility jobs	Under-employed and unemployed New Yorkers	Improved workforce training opportunities in program communities	More residents entering micromobility industry	Highly-skilled workforce connected to green jobs in micromobility industry

Manifest for Grant Application # GRANT13860569

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 25743 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16059 bytes)

2. Form SF424A-V1.0.pdf (size 23084 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40282 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15925 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23902 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37241 bytes)

Attachments Included in Zip File (total 6):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-Attachment 1 - Budget [ECP Accelerator].pdf application/pdf (size 78550 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-Attachment 2 - Logic Model [ECP Accelerator].pdf application/pdf (size 73284 bytes)

3. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-1. NARRATIVE_ ECP EPA EJCPS 230411 (1).pdf application/pdf (size 478214 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-Attachment 3 - Letters of Commitment [ECP Accelerator].pdf application/pdf (size 1193781 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-Attachment 4 - Resumes [ECP Accelerator].pdf application/pdf (size 671879 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-Attachment 5 - Proof of Nonprofit Status [ECP Accelerator].pdf application/pdf (size 166790 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1234-lob.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

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Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1240-EJCPS OPAS WORKPLAN 2023-25.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Program Office	66.306	$ 88,609.00	$	$	$	$ 88,609.00
2. Implementation	66.306	446,086.00				446,086.00
3.						
4.						
5. Totals		$ 534,695.00	$	$	$	$ 534,695.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total
	(1) Program Office	(2) Implementation	(3)	(4)	(5)
a. Personnel	$ 0.00	$ 120,200.00	$	$	$ 120,200.00
b. Fringe Benefits	0.00	34,886.00			34,886.00
c. Travel	0.00	4,000.00			4,000.00
d. Equipment	0.00	0.00			0.00
e. Supplies	0.00	25,000.00			25,000.00
f. Contractual	40,000.00	185,600.00			225,600.00
g. Construction	0.00	0.00			0.00
h. Other	0.00	76,400.00			76,400.00
i. Total Direct Charges (sum of 6a-6h)	40,000.00	446,086.00			$ 486,086.00
j. Indirect Charges	48,609.00				$ 48,609.00
k. TOTALS (sum of 6i and 6j)	$ 88,609.00	$ 446,086.00	$	$	$ 534,695.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Program Office	$ 0.00	$ 0.00	$	$ 0.00
9. Implementation	0.00	0.00		0.00
10.				
11.				
12. TOTAL (sum of lines 8-11)	$ 0.00	$ 0.00	$	$ 0.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 248,937.00	$ 61,683.50	$ 71,034.50	$ 57,834.50	$ 58,384.50
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 248,937.00	$ 61,683.50	$ 71,034.50	$ 57,834.50	$ 58,384.50

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Program Office	$ 42,631.00	$ 45,978.00	$	$
17. Implementation	206,306.00	239,780.00		
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 248,937.00	$ 285,758.00	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: 486086

22. Indirect Charges: 48609

23. Remarks:

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United States
ENVIRONMENTAL PROTECTION AGENCY
Washington, DC 20460

OMB Control No. 2030-0020
Approval expires 06/30/2024

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2030-0020). Responses to this collection of information are required to obtain an assistance agreement (40 CFR Part 30, 40 CFR Part 31, and 40 CFR Part 33 for awards made prior to December 26, 2014, and 2 CFR 200, 2 CFR 1500, and 40 CFR Part 33 for awards made after December 26, 2014). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information is estimated to be 0.25 hours per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

EPA Project Control Number

CERTIFICATION REGARDING LOBBYING

CERTIFICATION FOR CONTRACTS, GRANTS, **LOANS AND COOPERATIVE AGREEMENTS**

The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all sub-awards at all tiers (including sub-contracts, sub-grants, and contracts under grants, loans, and cooperative agreements) and that all sub-recipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31 U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such failure.

Carmen Valentin Executive Director

Typed Name & Title of Authorized Representative

2/14/2023

Signature and Date of Authorized Representative

ED_016126_00000999-00001

CERTIFICATE OF GOOD STANDING

I, **Omar J. Marrero Díaz, Secretary of State** of the Government of Puerto Rico,

CERTIFY: That, **ORGANIZACION PRO AMBIENTE SUSTENTABLE, INC.**, register number **48097**, a **non-profit domestic** corporation, organized under the laws of Puerto Rico on **September 19, 2005**, has complied with the filing of its Annual Reports.

IN WITNESS WHEREOF, the undersigned by virtue of the authority vested by law, hereby issues this certificate and affixes the Great Seal of the Government of Puerto Rico, in the City of San Juan, Puerto Rico, today, **February 25, 2023.**

Omar J. Marrero Díaz
Secretary of State

To validate this certificate go to: https://estado.pr.gov/

This certificate is valid for one (1) year from issue date (Regulation 8688, Art. 26). However, it is subject to faithful compliance with the provisions of Chapter XV and Chapter XXI of Act 164-2009, as applicable.

Certificate Validation Number: **523408-92253098**

Manifest for Grant Application # GRANT13862071

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 31416 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16042 bytes)

2. Form SF424A-V1.0.pdf (size 23163 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40398 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15904 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23866 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37239 bytes)

Attachments Included in Zip File (total 13):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-Carmen Valentin RESUME 2022.pdf application/pdf (size 100142 bytes)

2. SF424_4_0 SF424_4_0-AdditionalProjectTitle-1246-EJCPS OPAS WORKPLAN 2023-25.pdf application/pdf (size 389933 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-501c3 (1).pdf application/pdf (size 323263 bytes)

4. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1241-EJ4Climate NWF Letter of Support 11-8-22 (1).pdf application/pdf (size 242560 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-Exencion osfl Hacienda 2023.pdf application/pdf (size 111072 bytes)

6. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1242-20221108143619168.pdf application/pdf (size 255987 bytes)

7. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-Good Standing 2023.pdf application/pdf (size 278720 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-ResumeAliceColonSanabria.pdf application/pdf (size 218503 bytes)

9. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1245-Logic model.pdf application/pdf (size 159715 bytes)

10. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1243-Announcement Letter_to grantees_Organizacion Pro Ambiente Sustentable.pdf application/pdf (size 165894 bytes)

11. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1244-BUDGET DETAIL.pdf application/pdf (size 519087 bytes)

12. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1240-EJCPS OPAS WORKPLAN 2023-25.pdf application/pdf (size 389945 bytes)

13. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1234-lob.pdf application/pdf (size 462446 bytes)

EJCPS Logic Model

Climate Change and Resilience at Schools

Resources/Input	Activities	Output	Audience	Short term Outcomes	Intermediate Outcomes	Long term Outcomes
Eco-School Manager Eco-School Coordinator Education Coordinator Volunteers Staff members Partners	Resilience School Consortium	➢ Recruitment of one (1) additional pilot for year one. ➢ Recruitment of two (2) pilot schools for year two. ➢ Six (6) professional workshops for teachers at the pilot projects ➢ Six (6) field trips to sustainable community projects. ➢ Three (3) small-scale resilience projects at pilot school. ➢ Three (3) CERT certification workshops. ➢ One (1) Education Guidelines for RiSC Curriculum implementation.	Middle School or High School Community	One additional pilot school for the adaptation phase. Two new pilot schools for the second year. 60 students and 9 teachers participating directly in the project And CERT training.	Increased school climate resilience in three vulnerable schools. Better resources for integrating climate change and resilience.	Resilient schools and community members adapted and prepared for future challenges.

Resources/Input	Activities	➢ Output	Audience	Short term Outcomes	Intermediate Outcomes	Long term Outcomes
Eco-School Manager Eco-School Coordinator Education Coordinator Volunteers Staff members Partners	Tackling Climate Changes and developing resilience through education program Eco-School program Educational Fieldtrips Workshops	➢ Recruitment of ten (10) Eco-Schools in vulnerable or rural areas. ➢ 10 field trips to sustainable projects ➢ 200 elementary students impacted by education. ➢ 20 vulnerable schools impacted by education. ➢ One Eco-Schools Congress	Vulnerable Schools Elementary students Teachers	Impact 1,000 students and teachers through the Eco-School program Impact 500 students from vulnerable populations	Increased school climate resilience.	Better resources for integrating climate change and resilience. Community members adapted and prepared for future challenges.
Staff Volunteers Partners Communications contractors	Long-range communication strategies Social media presence	➢ Two (2) communication pieces about climate change and resilience. ➢ Two (2) press releases about the RiSC curriculum. ➢ Social media presence	Students Community General public Stakeholders	Maintain relevant content and presence about OPAS initiatives	Increased 20% of actual social media interactions.	Strengthen public awareness and engagement.

		throughout the grant life. ➢ One (1) communication piece about Eco-Schools. ➢ 10 educational videos or Facebook Lives of 30s to 3min to inform the public about the initiatives. ➢ Maintain OPAS website working effectively with relevant content.				

Budget Description

I. PERSONNEL EXPENSES		Year 1		Year 2		
Position	Hourly rate	Hours	Year 1	Hours	Year 2	Total
EXECUTIVE DIRECTOR	$25.00/hr	1,040	$ 26,000	$ 1,040.00	$ 26,000	$ 52,000
ASSISTANT TO THE EXECUTIVE DIRECTOR	$14.00/hr	1,040	$ 14,560	$ 1,040.00	$ 14,560	$ 29,120
ECO SCHOOLS MANAGER	$16.00/hr	980	$ 15,680	$ 1,462.50	$ 23,400	$ 39,080
TOTAL SALARY AND WAGES			$ 56,240		$ 63,960	$ 120,200

TOTAL PERSONNEL: $120,200

II. Fringe Benefits	Year 1		Year 2	Total
FRINGE BENEFITS				
Medicare And Social Security	$4,302		$4,893	$9,195
Health Care	$3,900		$4,500	$8,400
CHRISTMAS BONUS	$1,300		$1,000	$2,300
UNEMPLOYMENT	$1,912		$2,175	$4,087
DISABILITY	$225		$256	$481
401 K	$3,427		$3,996	$7,423
GOVERNMENT INSURANCE POLICY (CFSE)	$1,500		1500	$3,000
TOTAL FRINGE BENEFITS	$16,566		$18,319.91	$34,885.91

III. Travel

Travel	Description	Year 1		Year 2	Total
Local travel to support grant activities	Local travel milleage reimbursement following GSA	$2,000.00		$2,000.00	$4,000.00
TOTAL TRAVEL:		$2,000.00		$2,000.00	$4,000.00

IV. Equipment	Year 1		Year 2	Total
None				
TOTAL EQUIPMENT				

V. Supplies

Supplies	Year 1		Year 2	Total
Office supplies: toner, paper, office supplies two computer for project implementation ($1,000 aprox each one)	$3,000		$1,000	$4,000
1. RiSC Project supplies ($3,500 for supplies such as paper, binders, tape, markers, and other educational materials and outreach outlets. $1,500 for snacks and light refreshments for workshops and field trips, aprox. $100 per activity.)	$2,500		$2,500	$5,000
2. Eco-School congress supplies ($3,000 for educational outlets such as water bottles and/or reusable bags.)	$3,000		$3,000	$6,000
2. Education supplies ($3500 Supplies for materials such as paper, binders, markers, educational models, notebooks, other educational materials and educational outlets. $1,500 for snacks and lighg refreshments for workshops at aprox. $100 per activity)	$5,000		$5,000	$10,000
TOTAL SUPPLIES	$13,500		$11,500	$25,000

VI. Contractual

Contractual	Year 1		Year 2	Total
Accountant ($25 per hour for 1600 hours two years)	$20,000.00		$20,000.00	$40,000.00
1. Curriculum developer ($5,000 for final review of curriculum and guide)	$0.00		$5,000.00	$5,000.00
1. Designer for education guidelines ($3,000 for graphic design)	$0.00		$3,000.00	$3,000.00

2. Eco-School Coordinator ($16 per hour for 2,600 hours two years)	$20,800.00		$20,800.00	$41,600.00
2. Education Coordinator ($16 per hour for 3,000 hours two years)	$24,000.00		$24,000.00	$48,000.00
3. Communication Specialist ($50 per hour for 1,200 two years)	$30,000.00		$30,000.00	$60,000.00
3. Maintenance of the website ($10,000 two years)	$5,000.00		$5,000.00	$10,000.00
3. Social media and communication assistant ($15 per hour for 800 hours two	$6,000.00		$6,000.00	$12,000.00
Photodocumentation services for workplan activities for two years	$3,000.00		$3,000.00	$6,000.00
TOTAL CONTRACTUAL	$108,800.00		$116,800.00	$225,600.00

VII. Other

Other	Year 1		Year 2	Total
1. RiSC Field trips transportation (Aprox. $600 per bus - 6 workshops)	$1,800.00		$1,800.00	$3,600.00
1. RiSC Field trips - workshop fee (Aprox. $300 per workshop/fieldtrip x 6)	$900.00		$900.00	$1,800.00
1. RiSC teacher stipend ($2,000 per teacher x per year project)	$6,000.00		$18,000.00	$24,000.00
1. RiSC - stipend for small scale resilient project ($1,000 per project)	$0.00		$3,000.00	$3,000.00
1. RiSC Printing of educational guidelines	$0.00		$3,000.00	$3,000.00
1. Stipend for community liaison ($5,000 per school year)	$10,000.00		$10,000.00	$20,000.00
2. Educational field trips (6,000 for transportation aprox. $600 per bus, $3,000 for field trip fee)	$4,500.00		$4,500.00	$9,000.00
2. Education program: Stipend for small scale projects at Eco-Schools ($500 each x 4)	$1,000.00		$1,000.00	$2,000.00
2. Eco-School Congress ($5,000 for rent of venue, chairs, audio, etc per year. $3,000 for light luch for students per year)	$5,000.00		$5,000.00	$10,000.00
TOTAL OTHER	$29,200.00		$47,200.00	$76,400.00

TOTAL DIRECT	$226,306	$259,780	$486,086
TOTAL INDIRECT 10% (Mimimis rate)	$22,631	$25,978	$48,609
TOTAL	$248,937	$285,758	$534,695

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-Itemized Budget Sheet V2.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Federal Request EPA	66.306	$	$	$ 500,000.00	$	$ 500,000.00
2.						
3.						
4.						
5. Totals		$	$	$ 500,000.00	$	$ 500,000.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total
	(1) Federal Request EPA	(2)	(3)	(4)	(5)
a. Personnel	$ 229,350.00	$	$	$	$ 229,350.00
b. Fringe Benefits	0.00				0.00
c. Travel	0.00				0.00
d. Equipment	235,650.00				235,650.00
e. Supplies	0.00				0.00
f. Contractual	0.00				0.00
g. Construction	0.00				0.00
h. Other	0.00				0.00
i. Total Direct Charges (sum of 6a-6h)	465,000.00				$ 465,000.00
j. Indirect Charges	35,000.00				$ 35,000.00
k. TOTALS (sum of 6i and 6j)	$ 500,000.00	$	$	$	$ 500,000.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Federal Request EPA	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 1,191,350.00	$ 297,837.50	$ 297,837.50	$ 297,837.50	$ 297,837.50
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 1,191,350.00	$ 297,837.50	$ 297,837.50	$ 297,837.50	$ 297,837.50

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Federal Request EPA	$	$	$	$
17. DOE Energy Storage for Social Equity Program Phase 2				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$	$	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges:

23. Remarks: Project revenues have been modelled as part of the Energy Storage for Social Equity Phase 1 - Technical Assistance. The project is awaiting award for Phase 2 for funding for Project Deployment. The project is also eligible for ITCs under the IRA.

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-EPA EJCPS ODM Solar and Storage Workplan.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

Itemized Budget Sheet

	Description	Total
Personnel	Project Manager @ $82,500 annual salary (X 100% of time in Year 1, X 50% in Year 2 and 3) of time on project = $165,000 for three years Operations worker @ $71,500 annual salary X 20% of time on project = $42,900 for three years Grant Administrator @ $71,500 annual salary X 10% of time on project = $21,450 for three years	$229,350
Fringe Benefits		
Travel		
Equipment	Battery Energy Storage System (2.05 MWh/0.5MW) = $918,400 Rooftop solar array = $79,000 Carport solar array = $66,000 Blink series EV charging stations = $24,000	While the total equipment cost is estimated at $1,087,400, the project is seeking funds from Phase 2 of the Department of Energy's Energy Storage for Social Equity program and looking to match funds. For that reason, the funding ask toward equipment for the project is $235,650
Supplies		
Contractual		
Construction		
Indirect Costs	Subaward to CBO for outreach activities and project recruitment = $35,000	$35,000
Other		

EJCPS Logic Model - Open Door Mission Solar Plus Battery Storage Project

Resources/Inputs	Activities	Outputs	Audience	Short-term (6-12 months)	Intermediate (12-24 months)	Long-term Outcomes (2+ years
- Partnering organizations - Staff time - Additional grants	- Deployment and installation of the Battery Energy Storage System with Solar and EV Charging - Coordination of workforce training - Outreach and education about the project and replicability	- 2.05 MWh (0.5125 MW, 4-hr duration) lithium-ion battery, 31 kW rooftop solar array, and 20 kW carport at the Open Door Mission 156 Plymouth Ave N site - Minimum of 3 training opportunities associated with system installation and deployment - 3 jobs created (project management, operations, administration)	- City, state, local government - Local partners - Community residents	- Resiliency of the Mission's operations (a commercial kitchen serving multiple locations and women's emergency shelter services)	- Cost-savings for the Mission - Reduction in emissions through use of the battery for back up and facilitating EV charging	- Improve local air quality - Replicate the project and model for resilience and workforce development

Department of Energy
Washington, DC 20585

U.S. Environmental Protection Agency
Office of Environmental Justice and External Civil Rights
Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program
Funding number: EPA-R-OEJECR-OCS-23-01

April 10, 2023

Subject: Support letter for Open Door Mission application to EPA EJCPS Cooperative Agreement Program

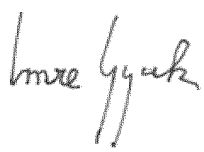
The Open Door Mission in partnership with others is seeking to develop and deploy an energy storage project to provide backup power to its critical community facilities. Pacific Northwest National Laboratory (PNNL) has been providing Technical Assistance (TA) to the Mission since March 16, 2022 under the Department of Energy's Energy Storage for Social Equity (ES4SE) Initiative. The scope of TA has included conducting project site analysis, developing conceptual microgrid designs, and evaluating workforce and social equity considerations. The ES4SE Program will continue to provide assistance to program participants, with Sandia National Laboratories leading the development and deployment assistance phase starting in April of 2023.

Analysis during PNNL's technical assistance highlighted several energy and environmental equity considerations that informed the conceptual design of this project. Backup power for the Mission's critical facilities would provide community resilience in potential disaster events without exacerbating poor air quality and allowing a transition away from fossil fuels. Rochester experiences disproportionately high asthma rates, so reducing and avoiding fossil fuel emissions is especially important. Further compounding this is limited access to healthcare services: clean backup power lowers health impacts on vulnerable community members.

The project would also serve as an opportunity for job training and exposure to clean energy career pathways. The Mission operates a job training and skills development program and may use the project to provide apprenticeship opportunities. The Mission intends to explore installation contract provisions to hire locally and provide training for system maintenance as a step to build skills in the local workforce and rebuild trust in a community that has been excluded from jobs in the past.

We believe the Open Door Mission project aligns with multiple objectives of the EJCPS Cooperative Agreement Program as it encompasses several organizations working together to address local environmental and public health issues.

With best greetings,



Dr. Imre Gyuk
Director, Energy Storage Research
Office of Electricity
US Department of Energy
E-mail: imre.gyuk@hq.doe.gov

Manifest for Grant Application # GRANT13861699

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 27574 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16056 bytes)

2. Form SF424A-V1.0.pdf (size 22914 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40350 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15922 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23848 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37335 bytes)

Attachments Included in Zip File (total 11):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-Letter of Commitment_Unity.pdf application/pdf (size 476571 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-Letter of Commitment_DOE-PNNL.pdf application/pdf (size 721094 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-Brandon_Maharaj_Resume.pdf application/pdf (size 128703 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-Letter of Commitment_Senator Cooney.pdf application/pdf (size 683622 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-Itemized Budget Sheet V2.pdf application/pdf (size 78909 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1243-Divia_Hobson_Resume.pdf application/pdf (size 138035 bytes)

7. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1242-Vivek_Thiagarajan_Resume.pdf application/pdf (size 174411 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1244-Proof of ODM Non-Profit Status.pdf application/pdf (size 827088 bytes)

9. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-Letter of Commitment_City of Rochester.pdf application/pdf (size 203708 bytes)

10. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-EPA EJCPS ODM Solar and Storage Workplan.pdf application/pdf (size 173509 bytes)

11. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-EJCPS Logic Model.pdf application/pdf (size 100630 bytes)

Department of State
Division of Corporations

Entity Information

Return to Results | Return to Search

Entity Details

ENTITY NAME: OPEN DOOR MISSION, INC.
FOREIGN LEGAL NAME:
ENTITY TYPE: DOMESTIC NOT-FOR-PROFIT CORPORATION
SECTIONOF LAW: -
DATE OF INITIAL DOS FILING: 01/30/1953
EFFECTIVE DATE INITIAL FILING: 01/30/1953
FOREIGN FORMATION DATE:
COUNTY: MONROE
JURISDICTION: NEW YORK, UNITED STATES

DOS ID: 86991
FICTITIOUS NAME:
DURATION DATE/LATEST DATE OF DISSOLUTION:
ENTITY STATUS: ACTIVE
REASON FOR STATUS:
INACTIVE DATE:
STATEMENT STATUS: NOT REQUIRED
NEXT STATEMENT DUE DATE:
NFP CATEGORY:

ENTITY DISPLAY | NAME HISTORY | FILING HISTORY | MERGER HISTORY | ASSUMED NAME HISTORY

Service of Process on the Secretary of State as Agent

The Post Office address to which the Secretary of State shall mail a copy of any process against the corporation served upon the Secretary of State by personal delivery:

Name:

Address:

Electronic Service of Process on the Secretary of State as agent: Not Permitted

Chief Executive Officer's Name and Address

Name:

Address:

Principal Executive Office Address

Address:

Registered Agent Name and Address

Name:

Address:

Entity Primary Location Name and Address

Name:

Address:

ED_016126_00001031-00001

Farmcorpflag

Is The Entity A Farm Corporation: NO

Stock Information

Share Value	Number Of Shares	Value Per Share

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-CARE-EJ_budget(JO)_1.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-ejcps-care-ej.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Community-based Action Research and Education in Environmental Justice (CARE-EJ)		$	$	$ 500,000.00	$	$ 500,000.00
2.						
3.						
4.						
5. Totals		$	$	$ 500,000.00	$	$ 500,000.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) Community-based Action Research and Education in Environmental Justice (CARE-EJ)	(2) N/A	(3) N/A	(4) N/A	Total (5)
a. Personnel	$ 60,000.00	$ 41,250.00	$	$	$ 101,250.00
b. Fringe Benefits					
c. Travel	2,100.00	7,800.00			9,900.00
d. Equipment					
e. Supplies	50,000.00	36,000.00	6,510.00	3,780.00	96,290.00
f. Contractual	75,300.00	72,100.00	26,760.00		174,160.00
g. Construction					
h. Other	60,000.00	37,025.00	11,250.00		108,275.00
i. Total Direct Charges (sum of 6a-6h)	247,400.00	194,175.00	44,520.00	3,780.00	$ 489,875.00
j. Indirect Charges	10,125.00				$ 10,125.00
k. TOTALS (sum of 6i and 6j)	$ 257,525.00	$ 194,175.00	$ 44,520.00	$ 3,780.00	$ 500,000.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Community-based Action Research and Education in Environmental Justice (CARE-EJ)	$ 500,000.00	$	$	$ 500,000.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$ 500,000.00	$	$	$ 500,000.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 203,426.68	$ 50,856.67	$ 50,856.67	$ 50,856.67	$ 50,856.67
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 203,426.68	$ 50,856.67	$ 50,856.67	$ 50,856.67	$ 50,856.67

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Community-based Action Research and Education in Environmental Justice (CARE-EJ)	$ 203,426.67	$ 148,286.67	$ 148,286.67	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 203,426.67	$ 148,286.67	$ 148,286.67	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges: Provisional (10%) X $101,250.00 = $10,125.00

23. Remarks:

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EJCPS Detailed Budget

3 years	Description					Total
Personnel	Project Administrator/Manager @$40,000/year X 50%	50%	X	$120,000.00	$60,000.00	$101,250.00
	Outreach Coordinator @$27,500/year X 50%	50%	X	$82,500.00	$41,250.00	
Fringe Benefits						$0.00
Travel	Transportation for community members to meetings	6	X	$350.00	$2,100.00	$9,900.00
	Miles driven for coordination and meeting attendance	12000	X	$0.65	$7,800.00	
Equipment						$0.00
Supplies	500 water testing kits and equipment @ $100/each	500	X	$100.00	$50,000.00	$96,290.00
	Other testing supplies or testing related services.	160	X	$225.00	$36,000.00	
	Food and refreshments for community workshops	21	X	$310.00	$6,510.00	
	Printing Materials (brochures, posters, handouts)	21	X	$180.00	$3,780.00	
Contractual	Technology support/ Software developer (hours)	502	X	$150.00	$75,300.00	$174,160.00
	Evaluator (hours)	620	X	$80.00	$49,600.00	
	Environmental, Health and Social Engagement consultants - varied specialties, water operator, environmental scientist etc. (hours)	300	X	$75.00	$22,500.00	
	Creative educational events with for-profit community partners	3	X	$2,670.00	$8,010.00	
	Produced videos	5	X	$750.00	$3,750.00	
	Marketing campaign (radio, newspaper, social media)	3	X	$5,000.00	$15,000.00	
Construction						$0.00
Indirect Costs	10% of Salaries and Wages (as per 2 CFR 200.414(f))	10%	x	$101,250.00	$10,125.00	$10,125.00
Other	Subawards to Non-profit CBOs for outreach activities	1	X	$60,000.00	$60,000.00	$108,275.00
	Participant Support Costs (stipends for community members attending meetings - hours)	1481	X	$25.00	$37,025.00	
	Community collaborators engaged in specific tasks such as fieldwork or outreach meetings (stipend hours)	450	X	$25.00	$11,250.00	
Total						$500,000.00

Table 2: Logic Model - Community-based Action Research and Education in Environmental Justice (CARE-EJ/CUIDA)

Resources	Activities	Outputs	Audience	Short-Term Outcomes (6-12 months)	Intermediate Outcomes (12-24 months)	Long- Term Outcomes (2+ years)
• Water testing equipment (testing strips) • Participating families • $500,000 investment • Framework for online platform for creating an incident registration system (CiviCRM and Drupal) • PR PASS (administration and coordination of organization and projects) • Municipality of Manatí • Municipality of Ciales	• Project Kick off • Community onboarding sessions • Community Research related meetings • Distribution of water testing kits • Water testing and monitoring activities • Data Informed Environmental Justice and Protection Activities • Citizens reporting environmental incidents • Steering Committee Progress Review Meetings • Annual Community Workshops	• Role Charter developed in Project Kick Off • Meeting invitations attendance and notes from Community Onboarding meetings (12) • Attendance and agenda for research meetings in each community (96 meetings) • Attendance in 3 yearly community progress meetings (estimated participation 50 annually) • Sample of atleast 5 videos and recordings of community proceedings • Training materials on water quality, conservation, and sustainability	• Communities in Manatí, Ciales, and other areas (northern and central region of Puerto Rico) • Government officials in Ciales and Manatí • Puerto Rico at large through social media and press • Families in rural and/or vulnerable areas • Other marginalized communities interested in water quality and in need of environmental justice.	• Greater awareness/trust of tap and surface water quality – target 150-200 residents • Survey assessment (60-80 residents) of commitment, awareness, and trust in water quality. • Increased engagement of stakeholders: 4 CBOs, 3 public schools • Reduction of water consumption and waste in homes and public areas • Cleaner public areas • 100 water quality and incident reports	• Greater awareness/trust of tap and surface water quality (250-400 residents) • Reduction of water pollution and improvement of water quality (250 – 400 tests) • Increased community trust through access to clean and sustainable water resources (attendance, and evaluation process) • More contact with municipal agents (1 – 2 key allies) • Knowledge sharing practices and connections are established between several communities	• Greater awareness/trust of tap and surface water quality (500 residents) • Improvement of the state of local water resources (tap, rivers, streams, aquifers, etc. 500+ tests) • Greater municipal government engagement in water quality issues through resolution of 50 incidents. • Improved generational commitment, awareness, and capacity for water quality, conservation, and local sustainability (100 surveys) • Improvements in municipal water management and quality

Resources	Activities	Outputs	Audience	Short-Term Outcomes (6-12 months)	Intermediate Out-comes (12-24 months)	Long- Term Outcomes (2+ years)
• Local community organizations (such as Acción Comunitaria Cialitos Inc. and other organizations and small businesses interested in protecting and sustaining a healthy environment) • Public schools in the area		• 12 Data-informed Environmental Justice Action Plans • Evidence from Environmental Justice events • Online water quality and environmental incident reporting system • Online portal with announcements blog of community activities and progress. • Guide summarizing Action Research process with 3 selected case studies • 2 Academic conference presentations with inclusive co-authoring • 1 peer-reviewed journal publication • 500 Tap water reports through online incident registration system			• Greater environmental justice through community reporting of water-related incidents (at least 250 water quality and incident reports)	• Sustained collaborations among several entities (CBOs, citizens, municipalities)

APPENDIX H

Office of Environmental Justice and External Civil Rights
Quality Assurance Project Plan Requirement (QAPP)

Check Yes or No for each of the items provided below as it applies to your specific project. If you answered **YES** to any of the items listed above, you are **REQUIRED TO SUBMIT** a Quality Assurance Project Plan in accordance with EPA Requirements and an approved QAPP must be in place ***prior*** to the initiation of activities.

You will be contacted with information on how to prepare your QAPP. In the meantime, please visit the website https://www.epa.gov/sites/default/files/2015-06/documents/g5-final.pdf which provides guidance on what must be submitted for grants/cooperative agreements.

1. Your project will involve the collection of groundwater, soil, sediment, surface water, air, biota or fauna samples for chemical orbiological analysis.
   Yes ☒ No ☐

2. Your project will use existing computer databases containing analytical data or personal information previously collected.
   Yes ☒ No ☐

3. Your project will use existing historical research pertaining to this project or application. Yes ☒ No ☐

4. Your project will implement deed searches for current property or site.
   Yes ☐ No ☒

5. Your project will conduct medical records search for the population covered in the grant.
   Yes ☐ No ☒

6. Your project will compile meteorological data to determine weather trends or air mixing trends.
   Yes ☐ No ☒

7. Your project will use existing statistical studies or will conduct these studies as part of the project.
   Yes ☐ No ☒

8. Your project will create a new database based on the information gathered.
   Yes ☒ No ☐

9. Your project will use this information for litigation purposes.
   Yes ☐ No ☒

10. Your project will use this information to make recommendations on environmental decisions.
    Yes ☒ No ☐

Areas Affected by Project

- Manatí, Puerto Rico
- Ciales, Puerto Rico
- Toa Baja, Puerto Rico

Manifest for Grant Application # GRANT13861680

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 30517 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16028 bytes)

2. Form SF424A-V1.0.pdf (size 23307 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40261 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15921 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23972 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37259 bytes)

Attachments Included in Zip File (total 13):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-Letter of Collaboration ' Manati PRPASS-firma victor English.pdf application/pdf (size 249834 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-ACC-10 de abril de 2023.pdf application/pdf (size 786376 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-Letter of Collaboration ' Manati PRPASS-firma victor.pdf application/pdf (size 235444 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-james-omalley-resume-cv-TS_1.pdf application/pdf (size 198826 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-letter-of-collaboration-ciales.pdf application/pdf (size 212432 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1242-LLopezUrrutia-CV.pdf application/pdf (size 3033197 bytes)

7. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-Gorbea_Laura-2020_CV_1.pdf application/pdf (size 206959 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1244-IRS_66-0893833_PUERTORICOPUBLICANDAPPLIEDSOCIALSCIENCESWORKSHOPINC_03092018.pdf application/pdf (size 96684 bytes)

9. SF424_4_0 SF424_4_0-1246-affected-areas.pdf application/pdf (size 20139 bytes)

10. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1243-EPA-grant_logic-model-water-table.pdf application/pdf (size 35956 bytes)

11. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1245-Appendix-QAPP-requirement.pdf application/pdf (size 88732 bytes)

12. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-ejcps-care-ej.pdf application/pdf (size 235713 bytes)

13. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-CARE-EJ_budget(JO)_1.pdf application/pdf (size 27046 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1234-Nichola Ramchurjee Resume.docx.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1241-EPA-EJCPS Workplan FY23 (1).pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Coating Rooftops on Industrial Buildings in Hunts Point to Mitigate the Urban Heat Island Effect		$	$	$ 479,764.00	$	$ 479,764.00
2.						
3.						
4.						
5. Totals		$	$	$ 479,764.00	$	$ 479,764.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1)	(2)	(3)	(4)	Total (5)
	Coating Rooftops on Industrial Buildings in Hunts Point to Mitigate the Urban Heat Island Effect				
a. Personnel	$ 94,211.00	$	$	$	$ 94,211.00
b. Fringe Benefits	14,378.00				14,378.00
c. Travel					
d. Equipment					
e. Supplies	126,000.00				126,000.00
f. Contractual					
g. Construction					
h. Other	216,825.00				216,825.00
i. Total Direct Charges (sum of 6a-6h)	451,414.00				$ 451,414.00
j. Indirect Charges	28,349.00				$ 28,349.00
k. TOTALS (sum of 6i and 6j)	$ 479,763.00	$	$	$	$ 479,763.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Coating Rooftops on Industrial Buildings in Hunts Point to Mitigate the Urban Heat Island Effect	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 160,648.00	$ 40,162.00	$ 40,162.00	$ 40,162.00	$ 40,162.00
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 160,648.00	$ 40,162.00	$ 40,162.00	$ 40,162.00	$ 40,162.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Coating Rooftops on Industrial Buildings in Hunts Point to Mitigate the Urban Heat Island Effect	$	$	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$	$	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: 451415

22. Indirect Charges: 28349

23. Remarks:

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Office of the Mayor

Kizzy Charles-Guzman
Executive Director
Mayor's Office of Climate
and Environmental Justice

253 Broadway, 14th Floor
New York, NY 10007

kguzman@cityhall.nyc.gov

April 14, 2023

Office of Environmental Justice & External Civil Rights
Environmental Protection Agency
1200 Pennsylvania Ave, N.W.
Washington, DC 20460

To Whom it May Concern,

This letter is to express the support of the New York City Mayor's Office of Climate and Environmental Justice (MOCEJ) for The HOPE Program on the proposed project under the U.S. EPA's EJCPS Cooperative Agreement Program to expand NYC CoolRoofs.

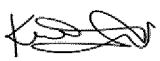
Extreme heat is a serious public health threat. More Americans die from heat than all other natural disasters combined, yet it receives relatively little public attention. In NYC alone, more than 350 residents die each year due to heat exposure. Because of climate change, NYC will continue to have hotter weather, potentially experiencing three times as many over 90°F by the 2050s. The city's most vulnerable populations also often live in housing conditions with poor ventilation and limited access to cooling. MOCEJ is leading initiatives to mitigate the heat risks in our communities.

Due to the dense concentration of concrete, asphalt pavements, and built infrastructure, and the way in which those surfaces absorb and re-radiate heat into the atmosphere, New York City's industrial areas, including Hunt's Point, represent a significant opportunity to mitigate the Urban Heat Island effect. Its physical attributes combined with social factors, make Hunt's Point one of the most heat-vulnerable communities in NYC.

For over eight years, Sustainable South Bronx, a division of The HOPE Program, has been a key partner in our NYC °CoolRoofs initiative in support of New York City's workforce development, carbon emission reduction, and climate adaptation goal. HOPE's job training curriculum and career services support hundreds of New Yorkers and contribute to the environmental sustainability of New York City. This project will build on the impressive track record of The HOPE Program and Sustainable South Bronx to improve the lives of New York's most heat-vulnerable community members.

I strongly support The HOPE Program in this project.

Sincerely,



Logic Model: Air Pollution Mitigation through Rooftop Coating and Transitional Employment

Inputs	Activities	Outputs	Audience	Short-Term Outcomes	Intermediate Outcomes	Impact
• Staff Time: CoolRoofs Operations Manager, Transitional Employment General Manager, Crew Co-Supervisors • Funding from SBS for participant wages • Funding from EPA for coating materials and supplies • Partnering Organizations: Authority to implement this project under the NYC CoolRoofs umbrella from the Mayor's Office of Climate and Environmental Justice; rooftop access from the Hunts Point Produce Market; and introductions to additional	• 210 participants will receive paid training and work experience in coating NYC rooftops with a reflective material • Participants will learn about the green economy and its role in the South Bronx community • Participants will complete lessons in digital literacy, financial literacy, work wellness, soft skills, interview preparation, and resume creation • Participants will meet with staff one-on-one to find and retain employment • We will host awareness-building convenings with local stakeholders	• 150,000 square feet of rooftops on industrial buildings in Hunts Point will be coated • 90% of participants will complete training • 25 new community members and stakeholders will become engaged in our program	• Unemployed South Bronxites and surrounding community • Local property owners • Local government • Communities working and/or residing within buildings	• Average rooftop temperature will decrease • Building's use of air conditioning and resulting emission of greenhouse gasses will decrease • 75% of program completers will achieve employment • More South Bronx community leaders will become aware and acknowledge the importance of NYC CoolRoofs opportunities	• 80% of graduates will retain employment for at least one year • Participation in the NYC CoolRoofs Program in the South Bronx will expand, benefiting a greater number of community partners	• Program graduates will build economically sustainable careers • South Bronx residents will be environmentally empowered and aware of opportunities to improve the community's environmental conditions • The South Bronx will be more resilient to heat and will experience fewer heat-related hospitalizations • Air pollution in the South Bronx will decrease, leading to lower occurrences of asthma, cancer, and other pollution- induced medical complications

industrial buildings from the office of New York City Councilmember Rafael Salamanca						

Budget Category	Total	Description
Personnel	$94,211	In line with HOPE's previous EJCPS agreement, this line covers program management specifically to conduct building outreach, ensure crew safety, monitor square footage, engage community members in CoolRoofs, liaise with EPA and monitor other program aspects; other personnel costs would be covered by the NYC CoolRoofs contract
Fringe Benefits	$14,378	Consistent with HOPE's existing fringe rate
Travel		
Supplies	$126,000	Includes rooftop coating supply as well as expenses related to building temporary parapets for industrial buildings which do not include this safety feature (required for CoolRoof coating)
Equipment	$0	
Contractual	$0	
Other	$72,275	Wages for workforce participants to coat the Hunts Point Produce Market specfically, which is a public/private institution requiring prevailing wages for roofing; calculation includes $25 per hour, which would be supplemented by the participant wages in the NYC CoolRoofs contract to achieve the prevailing wage
Indirect Expenses	$28,349	Consistent with previous EJCPS agreement
Total	$479,764	

Manifest for Grant Application # GRANT13862016

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 26348 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16045 bytes)

2. Form SF424A-V1.0.pdf (size 22962 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40478 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15924 bytes)

5. Form SF424_4_0-V4.0.pdf (size 24002 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37320 bytes)

Attachments Included in Zip File (total 8):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-HOPE 501c3 (1) (1).pdf application/pdf (size 105035 bytes)

2. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1241-EPA-EJCPS Workplan FY23 (1).pdf application/pdf (size 1619243 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-EPA EJCPS Budget - Sheet1 (1).pdf application/pdf (size 60620 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1234-Nichola Ramchurjee Resume.docx.pdf application/pdf (size 79131 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-26053FEA.pdf application/pdf (size 203485 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-EPA-EJCPS Logic Model.pdf application/pdf (size 51358 bytes)

7. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-20230414- Letter of Support - Hope Program.pdf application/pdf (size 131726 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-Letter of Support for the HOPE Program - Cool Roofs[59].pdf application/pdf (size 170899 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-APPENDIX F (2).pdf

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Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1243-Project Narrative Attachment Form_NYCOSH_final.pd

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BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Temperature Stress, Climate Change, and Resiliency Trainings for Construction Workers, Warehouse Workers, and Cleaners	66.306	$	$	$ 500,000.00	$ 0.00	$ 500,000.00
2.						
3.						
4.						
5. Totals		$	$	$ 500,000.00	$ 0.00	$ 500,000.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1)	(2)	(3)	(4)	Total (5)
	Temperature Stress, Climate Change, and Resiliency Trainings for Construction Workers, Warehouse Workers, and Cleaners				
a. Personnel	$ 166,471.80	$	$	$	$ 166,471.80
b. Fringe Benefits	59,549.02				59,549.02
c. Travel	0.00				0.00
d. Equipment	0.00				0.00
e. Supplies	4,856.16				4,856.16
f. Contractual	11,325.32				11,325.32
g. Construction	0.00				0.00
h. Other	225,000.00				225,000.00
i. Total Direct Charges (sum of 6a-6h)	467,202.30				$ 467,202.30
j. Indirect Charges	32,797.70				$ 32,797.70
k. TOTALS (sum of 6i and 6j)	$ 500,000.00	$	$	$	$ 500,000.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Temperature Stress, Climate Change, and Resiliency Trainings for Construction Workers, Warehouse Workers, and Cleaners	$ 0.00	$ 0.00	$ 0.00	$ 0.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$ 0.00	$ 0.00	$ 0.00	$ 0.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 165,281.86	$ 37,445.80	$ 37,445.81	$ 37,445.81	$ 52,944.44
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 165,281.86	$ 37,445.80	$ 37,445.81	$ 37,445.81	$ 52,944.44

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Temperature Stress, Climate Change, and Resiliency Trainings for Construction Workers, Warehouse Workers, and Cleaners	$ 165,281.86	$ 175,874.66	$ 158,843.48	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 165,281.86	$ 175,874.66	$ 158,843.48	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: 467202.30

22. Indirect Charges: 32797.70

23. Remarks: IDC Rate Agreement

APPENDIX F

	Description	Total
Personnel	• Executive Director @ 143,077.79 annual salary, 8.09% of time on project = $11,574.99 for year 1 @ 147,730.12 annual salary, 6.06% of time on project = $8,930.62 for year 2 @ 151,791.23 annual salary, 2.93% time on project = $4,442.92 for year 3 Total ED Salary = $24,948.53 • Associate Director @ $126,384.11 annual salary, 8.33% of time on project = $10,525.39 for year 1 @ $130,175.63 annual salary, 6.06% of time on project = $7,888.65 for year 2 @ $134,080.90 annual salary, 2.93% of time on project = $3,924.55 for year 3 Total AD Salary = $22,338.59 • Finance Director @ $122,825.32 annual salary, 7.58% time on project = $9,304.02 for year 1 @ $126,510.09 annual salary, 4.29% time on project = $5,423.43 @130,305.39 annual salary, 2.62% time on project = $3,415.34 for year 3 Total FD Salary = $18,142.79 • Industrial Hygienist @ $119,072.23 annual salary, 8.10% time on project = $9,639.18 for year 1 only • S&H Specialist II @ 107,328.72 annual salary, 10.14% time on project = $10,881.50 for year 1 @ $110,284.59 annual salary, 7.58% time on project = $8,357.44 for year 2 @ $113,329.12 annual salary, 7.58% time on project = 8,588.30 for year 3 Total S&H Specialist II Salary = $27,827.24 • S&H Specialist II @ $107,329 annual salary, 10.14% time on project = $10,881.54 for year 1 @ $110,285.00 annual salary, 7.58% time on project = $8,357.47 for year 2	Total: $166,471.80

	@$113,329.00 annual salary, 7.58% time on project = 8,588.30 for year 3 Total S&H Specialist II Salary = $27,827.31 • S&H Specialist @$96,616 annual salary, 6.05% time on project = $5,848.15 for year 1 @ $100,581 annual salary, 7.08% time on project = $7,124.76 for year 2 @ $104,632 annual salary, 7.08% time on project = $7,410.41 for year 3 Total S&H Specialist Salary = $20,383.32 • Finance & Ops Associate @ $99,739.59 annual salary, 8.12% time on project = $8,098.13 for year 1 @ $103,705.02 annual salary, 4.08% time on project = $4,229.24 @ $107,756.41 annual salary, 2.82% time on project =$3,037.47 Total Finance & Ops Associate Salary = $15,364.84	
Fringe Benefits	FICA, Unemployment, Worker's Comp, Disability, Travel benefit, Retirement, Staff Development as per staff collective bargaining agreement (CBA) equals a fringe rate at 44% on average per staff member. Fringe rate changes per person based on medical plans (i.e. single, couple, family). • Executive Director 51% of salary = $24,948.53 • Associate Director 45% of salary = $22,338.59 • Finance Director 31% of salary = $18,142.79 • Industrial Hygienist 66% of salary for year 1 = $9,639.18 • Safety and Health Specialist II 39% of salary = $27,827.24 • Safety and Health Specialist II 38% of salary = $27,827.31 • Finance and Operations Associate 38% of salary = $20,383.32 • Safety and Health Specialist 48% of salary = $15,364.84 Total fringe @ $26,734.80 for year 1 Total fringe @ $18,185.65 for year 2	Total: $59,549.02

	Total fringe @ $14,628.57 for year 3	
Travel	None	
Equipment	None	
Supplies	General office supplies based on % of staff time worked: $800.98 for year 1 $488.15 for year 2 383.63, for year 3 Total: $1,672.76 Printing/Copying based on % of staff time worked: $186.89 for year 1 $113.90 for year 2 89.51 for year 3 Total: $390.30 Postage based on % of staff time worked: $133.50 for year 1 $81.36 for year 2 63.94 for year 3 Total: $278.80 Equipment/lease (software, programs etc) based on % of staff time worked: $1,203.95 for year 1 $733.73 for year 2 576.62 for year 3 Total: $2,514.30	Total: $4,856.16
Contractual	Contractual services are based on % of staff time worked. Bookkeeper/Accountant @ $2,500 per month: $2,082.57 for year 1 $1,269.19 for year 2 $997.44 for year 3 =$4,349.20 IT Maintenance @ approx $3k monthly $1,858.18 for year 1 $1,194.52 for year 2 $938.74 for year 3 = $3,991.44 Translation@$75-$100p/h=$2,500 for year 1 Web Maintenance@$400p/m	Total: $11,325.32

	$225.64 for year 1 $145.06 for year 2 $113.98 for year 3 = $484.68	
Construction	None	
Indirect Costs	IDC Rate Agreement: $15,302.45 for year 1 $9,601.49 for year 2 $7,893.76 for year 3	Total: $32,797.70
Other	Sub Award to 3 x CBO groups for outreach and program activities @$12,500 for year 1, @31,250 for year 2, @31,250 for year 3	Total: $225,000.00
		Total: $500,000.00

APPENDIX C

EJCPS Logic Model

Resources/Inputs	Activities	Outputs	Audience	Short-term Outcomes (6-12 months)	Intermediate Outcomes (12-24 months)	Long-term Outcomes (2+)
• Staff time • EPA funding • Partnerships with Amazon Labor Union, La Colmena, and NICE • Expert staff • Trusted reputation for safety and health expertise and community partnerships	• Develop curriculum and materials on temperature stress, climate change, and resiliency for workers in English and Spanish • Conduct bi-monthly planning meetings with partners; solicit feedback on curriculum and set program goals • Plan, prep, and schedule pilot trainings to test curriculum and solicit feedback	• Conducted two pilot trainings (in English and Spanish) for at least twenty workers • Conducted one train-the-trainer for 2-3 staff at each partner organization • Partner organizations conducted at least 288 hours of outreach to recruit trainees • Conducted 72 two-hour trainings on temperature stress throughout the grant period	• Day laborers • Truck drivers • Farmworkers • Warehouse workers • Delivery workers	• Curriculum on temperature stress, climate change, and resiliency is finalized and translated into Spanish • Partner staff are trained on the curriculum and understand how to train others • Partnership between NYCOSH, Amazon Labor Union, La Colmena, and NICE is established and goals are set • Partners recruit	• Partners recruit workers for 36 two-hour temperature stress trainings in year 2 • Increase in the number of workers impacted by climate stress who know about worker protection laws and have tools for resiliency • Evaluations show positive responses to trainings and an increase in knowledge between pre and post tests	• Partners recruit workers for 36 two-hour temperature stress trainings in year 3 • Increase in the number of workers impacted by climate stress who know about worker protection laws and have tools for resiliency • Evaluations show positive responses to trainings and an increase in knowledge between pre and post tests

	• Plan, prep, and schedule train-the-trainer for partner staff • Partner organizations conduct outreach to recruit trainees	• Conducted level 1 and 2 evaluations for each training		workers for 18 two-hour temperature stress trainings in year 1 • Increase in the number of workers impacted by climate stress who know about worker protection laws and have tools for resiliency • Evaluations show positive responses to trainings and an increase in knowledge between pre and post tests		

Manifest for Grant Application # GRANT13859947

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 30687 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16043 bytes)

2. Form SF424A-V1.0.pdf (size 23347 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40389 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15918 bytes)

5. Form SF424_4_0-V4.0.pdf (size 24045 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37326 bytes)

Attachments Included in Zip File (total 10):

1. SF424_4_0 SF424_4_0-1234-Congressional Districts.docx application/vnd.openxmlformats-officedocument.wordprocessingml.document (size 11937 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-NYCOSH staff resumes.pdf application/pdf (size 1138343 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-NYCOSH Certificate of Incorporation.pdf application/pdf (size 656365 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1242-La Colmena Letter of Commitment-final.pdf application/pdf (size 457167 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-APPENDIX F (2).pdf application/pdf (size 63444 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-NYCOSH 501(c)3 letter of determination.pdf application/pdf (size 58835 bytes)

7. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-NICE Letter of Commitment.pdf application/pdf (size 157488 bytes)

8. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1243-Project Narrative Attachment Form_NYCOSH_final.pdf application/pdf (size 424608 bytes)

9. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-ALU Letter of Commitment.pdf application/pdf (size 197920 bytes)

10. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-EJCPS Logic Model.pdf application/pdf (size 46363 bytes)

NY-10, NY-14

Application Work Plan Re: EPA-OEJECR-OCS-23-01
The New York Committee for Occupational Safety and Health, Inc.

1.0 Program Objectives

a. Project Summary Page

Project Title: Temperature Stress, Climate Change, and Resiliency Trainings for Construction Workers, Warehouse Workers, and Cleaners

Project Location (including community/neighborhood(s), city, state, and zip code): Jackson Heights, Queens (11372); Staten Island (10314, 10312, 10304, 10306, 10305, 10301, 10309, 10308).

Applicant Information (name, address, main contact information):
The New York Committee for Occupational Safety and Health, Inc.
14 Wall Street, Ste 5A
New York, NY 10005

Brief Description of Applicant Organization: The New York Committee for Occupational Safety and Health (NYCOSH) is a membership organization of workers, unions, community-based organizations, workers' rights activists, and health and safety professionals. NYCOSH uses training, education, and advocacy to improve health and safety conditions in our workplaces, our communities, and our environment. Our key ongoing projects include a Construction Safety School, the New York Nail Salon Worker School and adjacent New York Healthy Nail Salons Coalition, the Manhattan Justice for Workers' Collaborative, and the World Trade Center Health Program. NYCOSH also conducts industrial hygiene assessments at jobsites across industries.

Are you applying for the Small CBO Set Aside Track for $150,000 projects? No.

Project Abstract

Main Objective: Develop an education and training program for low-wage immigrant construction workers, cleaners, and warehouse workers about temperature stress, climate change, and disaster resiliency.

Activities: NYCOSH will conduct a total of 72 two-hour trainings on temperature stress, climate change, and resiliency throughout the duration of this grant period. NYCOSH aims to have 20 workers per training, for a total of 1,440 workers. NYCOSH's partner organizations will conduct outreach to their worker base to provide workers for the trainings.

Outputs/Outcomes: After the trainings, workers will be able to identify hazards as they relate to temperature extremes, and learn about proper personal protective equipment, disaster resiliency. Workers will be empowered to report workplace issues and develop temperature stress /climate change/resiliency plans on their job sites to protect themselves and coworkers.

Specific geographic areas of focus: Jackson Heights, Queens; and Staten Island will be where outreach and trainings take place.

Project Type: Training

Special Considerations: Climate Change/Disaster Resiliency

Environmental Issue: Climate change

List of Project Partners

1. Amazon Labor Union – a not-for-profit labor union for Amazon warehouse workers, particularly those on Staten Island.
2. La Colmena – a workers' center for day laborers and construction workers on Staten Island.
3. New Immigrant Community Empowerment (NICE) --a community-based organization for cleaners and new immigrant workers in Jackson Heights, Queens.

Will you need to develop a QAPP for your project? (See Appendix H) No.

b. Environmental and Public Health information of the Underserved Community. Please describe the following:
Describe and characterize the underserved community directly impacted by disproportionate environmental and/or public health harms and risks and describe how the community is impacted by those harms and risks
What are the environmental/public health issue(s) that the project seeks to address?

This proposal seeks to address New York workers in outdoor and indoor sites who are disproportionately impacted due to climate change, and are, as a result, increasingly exposed to extreme temperatures, including skyrocketing heat in the summer and freezing cold in the winter. Every year, New York City has high numbers of heat-related emergency department visits, hospital admissions, and deaths. According to the New York City Office of the Mayor, each year there are an estimated 450 heat-related ED visits, 150 heat-related hospital admissions, 10 heat stroke deaths, and 350 heat-exacerbated deaths, caused by heat-worsening existing chronic conditions.[1]

Cold stress injuries have also proven to be a concern for New York's workers. In 2018 there were 2,890 cases of ice, sleet, and snow injuries in the United States; 14% of those were in the state of New York (BLS). In 2018 in New York state, 50 injuries were related to exposure to

[1] "RE: Comments of the City of New York Relating to Advance Notice of Proposed Rulemaking on Occupational Safety and Health Administration Heat Injury and Illness Prevention in Outdoor and Indoor Work Settings, 86 Fed. Reg. 59309 (Oct. 27, 2021)." Received by OSHA, New York, 26 Jan. 2022, New York, NY.

environmental cold. All 50 of those injuries were cases involving 31 or more days of missed work (BLS).[2]

Low-income immigrant workers are more likely to work outside in extreme temperatures and inside without heat or air conditioning. They are also less likely to be able to mitigate extreme heat and extreme cold because they are unable to afford life-saving PPE that is currently not required by New York employers. Further, nonunion workers (or workers without a collective bargaining agreement) are less likely to speak up about hazards on the job, or to have an agreement with their employer that addresses extreme temperatures. Fear of speaking out due to retaliation is also a well-documented issue among undocumented workers.
This proposal seeks to address three target populations: warehouse workers at one Amazon facility in Staten Island, construction workers on Staten Island, and cleaning workers in Jackson Heights, Queens.

What are the environmental/public health results the project seeks to achieve and how will the underserved community benefit from those results?

The result NYCOSH seeks to achieve is to reduce the number of temperature-related injuries in New York by training workers who are most at risk. The underserved community to benefit will be low-income construction workers, warehouse workers, and cleaners. Studies have shown that training is effective in reducing the likelihood of injury on the job, which is a core tenet of NYCOSH's programming. A study by Ruth Ruttenberg shows workers who took OSHA-10 training were 7.6% less likely to be injured on the job.[3] In addition to training, injuries on the job are prevented by reporting and enforcement, but only as a result of workers taking action in unsafe working conditions. NYCOSH's program places special emphasis on workers' ability and comfort to make reports if inspections and enforcement are needed to correct hazardous conditions.

***If your project relates to one or more of the other factors in Section V include additional details about how the project addresses those factors in this section.**

One of the major impacts of climate change on US workers has been the increase of heat stress, which has more than doubled over the last 40 years, and that trend is only expected to continue, with extreme temperature projected to rise even faster than average temperatures in the

[2] Bureau of Labor Statistics, U.S. Department of Labor, *The Economics Daily*, Workplace deaths from weather and atmospheric conditions at https://www.bls.gov/opub/ted/2022/workplace-deaths-from-weather-and-atmospheric-conditions.htm (visited *April 11, 2023*).
[3] Ruttenberg, Ruth. The Center for Construction Research and Training, Silver Spring, MD, 2013, *The Economic and Social Benefits of OSHA-10 Training in the Building and Construction Trades*.

contiguous US.[4,5] Meanwhile, the 3-year average of worker heat-related deaths has doubled since the early 1990s.[6]

Construction workers are particularly susceptible to injury and illness from extreme temperatures; a 2019 study from the Center for Construction Research and Training calculated that while construction workers comprise only 6% of the total US workforce, they accounted for 36% of all occupational heat-related deaths between 1992 and 2016; the risk of heat-related death was found to be significantly higher for Hispanic workers, particularly for those born in Mexico (with a 91% higher risk than the average for all construction workers), suggesting that immigrant workers, and particularly immigrant workers of color, are at greater risk for heat-related occupational death.[7] The same research study also observed that there was a positive correlation between an increase in temperature and the number of annual heat-related deaths, suggesting, as does the NASA Climate data, that climate change may be a contributing factor to these deaths.[8]

Heat illness also heavily impacts warehouse workers, especially as the warehousing sector grows in response to the decline in brick-and-mortar retail jobs in favor of online stores. Warehouses are often unventilated, or under ventilated spaces where workers perform physically strenuous work to meet demanding quotas with notoriously few rest breaks.[9] Moreover, many warehouses and fulfillment centers also employ their own drivers to deliver their orders. Drivers are subject to the same demanding quotas as warehouse workers, but are also additionally vulnerable to temperature stress, as they are often in un-airconditioned vehicles, while making frequent stops during which they exit their vehicle to drop off packages, at which point they are further exposed to the outside conditions.

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[4] Buis, A. (2022, March 9). *Too hot to handle: How climate change may make some places too hot to live – climate change: Vital signs of the planet*. Global Climate Change. Retrieved April 11, 2023, from https://climate.nasa.gov/ask-nasa-climate/3151/too-hot-to-handle-how-climate-change-may-make-some-places-too-hot-to-live/

[5] Vose, R.S., D.R. Easterling, K.E. Kunkel, A.N. LeGrande, and M.F. Wehner, 2017: Temperature changes in the United States. In: *Climate Science Special Report: Fourth National Climate Assessment, Volume I* [Wuebbles, D.J., D.W. Fahey, K.A. Hibbard, D.J. Dokken, B.C. Stewart, and T.K. Maycock (eds.)]. U.S. Global Change Research Program, Washington, DC, USA, pp. 185-206, doi: 10.7930/J0N29V45

[6] Shipley, J., Edwards, B., Nickerson, D., Benincasa, R., Chávez, S. M., & Thompson, C. W. (2021, August 17). *Heat is killing workers in the U.S. - and there are no federal rules to protect them*. NPR. Retrieved April 11, 2023, from https://www.npr.org/2021/08/17/1026154042/hundreds-of-workers-have-died-from-heat-in-the-last-decade-and-its-getting-worse

[7] Dong, X. S., West, G. H., Holloway-Beth, A., Wang, X., & Sokas, R. K. (2019). Heat-related deaths among construction workers in the United States. *American Journal of Industrial Medicine*, *62*(12), 1047–1057. https://doi.org/10.1002/ajim.23024

[8] Dong, X. S., West, G. H., Holloway-Beth, A., Wang, X., & Sokas, R. K. (2019). Heat-related deaths among construction workers in the United States. *American Journal of Industrial Medicine*, *62*(12), 1047–1057. https://doi.org/10.1002/ajim.23024

[9] Jabsky, M., & Obernauer, C. (2019, October 16). *Time Off Task: Pressure, Pain, and Productivity at Amazon*. NYCOSH. Retrieved April 11, 2023, from https://nycosh.org/resource/amazon-workers-report/

Similar conditions are present for cleaning workers, who often perform their work after standard business hours, thus even if their place of employment has a well-functioning HVAC, that HVAC is usually off well before the cleaners arrive for their shift.

In response to these factors, NYCOSH is proposing to conduct training for workers in these industries. Training and education empowers workers not only with the specific knowledge of the hazards they are dealing with, but also of their protected rights, and their collective power, and it helps them develop the tools they will need to take ownership of their workplace and push their employer(s) to fulfill the obligation to provide a workplace free from recognizable hazards.

The application must include relevant information such as demographics, geographic location, and community history.

- Demographic data for all locations was sourced from the New York City Department of City Planning population tabulations.[10] Sociodemographic indicators and health disparity data for all locations was sourced from the EPA's EJSCREEN tool.[11]
    - Jackson Heights, Queens, New York (11372) is a neighborhood in the NW part of Queens with a population of 108,152 according to the 2010 Census. A 2020 *New York Times* article called Jackson Heights, "the most culturally diverse neighborhood in New York, if not on the planet," as approximately half of the population of the neighborhood has been foreign-born since the 2000s.[12] The neighborhood demographic makeup is 57% Hispanic, 22% Asian, 17% White, 2.0 Black, 2.3 Multiracial/Other.
        - SES indicators: **POC:** 84%ile; **Low income:** 63%ile; **Limited English speaking:** 96%ile; **Less than high school education:** 81%ile
        - Health disparities: **Low life expectancy:** 8%ile
    - Mariner's Harbor-Arlington-Port Ivory-Graniteville, Staten Island, New York (10314)
        - The 10314 ZIP code is comprised of four Staten Island neighborhoods with a combined population of 31,474 according to the 2010 Census. The neighborhood demographic makeup is 35% Hispanic, 30% Black, 24% White, 9% Asian, 3% Multiracial/Other.
            - SES indicators: **POC:** 41%ile; **Low income:** 31%ile; **Limited English speaking:** 70%ile; **Less than high school education:** 44%ile
            - Health disparities: **Low life expectancy:** 9%ile

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[10] New York City Department of City Planning . (n.d.). *Table PL-P3A NTA: Total population by mutually ... - New York City.* Table PL-P3A NTA: Total Population by Mutually Exclusive Race and Hispanic Origin New York City Neighborhood Tabulation Areas*, 2010. Retrieved April 11, 2023, from https://www.nyc.gov/assets/planning/download/pdf/data-maps/nyc-population/census2010/t_pl_p3a_nta.pdf

[11] Environmental Protection Agency. (n.d.). *EPA EJScreen: EPA's Environmental Justice Screening and Mapping Tool*. EPA EJScreen. Retrieved April 12, 2023, from https://ejscreen.epa.gov/mapper/

[12] Kimmelman, M. (2020, August 28). *Jackson Heights, Queens: Walk where the World finds a home*. The New York Times. Retrieved April 11, 2023, from https://www.nytimes.com/interactive/2020/08/27/arts/design/jackson-heights-queens-virtual-walk-tour.html

- Eltingville-Huguenot-Woodrow-Prince's Bay, Staten Island, New York (10312)
  - The 10312 ZIP code is comprised of four Staten Island neighborhoods: with a combined population of 27,770 according to the 2010 Census. The area's demographic makeup is 88% White, 6% Hispanic, 4% Asian, 0.5% Black, and 0.8% Multiracial/Other.
    - SES indicators: **POC:** 41%ile; **Low income:** 31%ile; **Limited English speaking:** 70%ile; **Less than high school education**: 44%ile
    - Health disparities: **Low life expectancy:** 9%ile
- Todt Hill-Emerson Hill-Heartland Village-Lighthouse Hill, Staten Island, New York (10304)
  - The 10304 ZIP code is comprised of four Staten Island neighborhoods with a combined population of 30,714 according to the 2010 Census. The area's demographic makeup is 73% White, 13% Asian, 10% Hispanic, 2% Black, 1% Multiracial/Other.
    - SES indicators: **POC:** 73%ile; **Low income:** 55%ile; **Limited English speaking:** 82%ile; **Less than high school education:** 77%ile Health disparities: **Low life expectancy:** 43%ile
- New Dorp-Midland Beach-Oakwood-Staten Island, New York (10306)
  - The 10306 ZIP code is comprised of three Staten Island neighborhoods with a combined population of 43,945 according to the 2010 Census. The area's demographic makeup is 81% White, 12% Hispanic, 5% Asian, 1% Black, 0.1% Multiracial/Other.
    - SES indicators: **POC:** 73%ile; **Low income:** 55%ile; **Limited English speaking:** 82%ile; **Less than high school education**: 77%ile
    - Health disparities: **Low life expectancy:** 42%ile
- New Brighton-Silver Lake-St. George-West New Brighton, Staten Island, New York (10301)
  - The 10301 ZIP code is comprised of four Staten Island neighborhoods with a combined population of 51,076 according to the 2010 Census. The area's demographic makeup is 38% White, 29% Hispanic, 25% Black, 5% Asian, 3% Multiracial/Other.
    - SES indicators: **POC:** 70%ile; **Low income:** 54%ile; **Limited English speaking:** 79%ile; **Less than high school education**: 69%ile
    - Health disparities: **Low life expectancy:** 35%ile
- Charleston-Richmond Valley-Tottenville-Rossville-Woodrow, Staten Island, New York (10309)
  - The 10309 ZIP code is comprised of five Staten Island neighborhoods with a combined population of 44,076 according to the 2010 Census. The area's demographic makeup is 86% White, 8% Hispanic, 4% Asian, 2% Black, 1% Multiracial/Other.
    - SES indicators: **POC:** 28%ile; **Low income:** 32%ile; **Limited English speaking:** 77%ile; **Less than high school education**: 52%ile
    - Health disparities; **Low life expectancy:** 41%ile
- Great Kills, Staten Island, New York (10308) has a population of 40,720 according to the 2010 Census. The area's demographic makeup is 88% White, 8% Hispanic, 3% Asian, 0.4% Black, 0.1% Multiracial/Other.

- SES indicators: **POC:** 34%ile; **Low income:** 17%ile; **Limited English speaking:** 77%ile; **Less than high school education**: 32%ile
- Health disparities: **Low life expectancy:** 21%ile

c. Organization's Historical Connection to Underserved Community. How the organization has worked with the underserved community's residents and/or organizations to address local environmental and public health issues currently or in the past and what are some of the results of that work.

The history of your organization's involvement with the underserved community, including the duration of involvement and circumstances that led to your organization's involvement.

NYCOSH has been conducting life-saving trainings for immigrant construction workers since the organization was founded in 1978. Our Construction Safety School trains hundreds of Spanish-speaking, low-wage immigrant workers each year. Safety training is essential for immigrant workers, who are more likely than non-immigrants to be injured on the job, and who often do not have the funds necessary to pay for fee-for-service training programs. NYCOSH's program provides a vital resource by focusing primarily on low-wage construction workers in the immigrant community.

NYCOSH has conducted trainings for cleaners throughout the New York metropolitan area, including trainings tailored to workers who have been exposed to high heat due to employers turning off air conditioning services after office hours, when cleaning typically takes place. NYCOSH has also trained cleaners about hazardous chemicals, the right to know what chemicals they are working with, and how to protect themselves from health hazards on the job.

NYCOSH has had longstanding partnerships with La Colmena and New Immigrant Community Empowerment. Both organizations participated in NYCOSH's Manhattan Justice for Workers' Collaborative to increase crime reporting of wage theft and safety and health violations among immigrant construction and cleaning workers (founded in 2016). As a result, we regularly conduct trainings and conduct programming with these two organizations and are also working together to advocate for a New York State temperature standard to protect workers.

NYCOSH has also been working with Amazon warehouse workers on Staten Island for many years, having completed a research report with the workers in 2019, "Time Off Task: Pressure, Pain, and Productivity at Amazon." NYCOSH interviewed 142 warehouse workers to complete the study. We then continued to work with the organization to provide technical support for legislation signed into law in 2022 called the Warehouse Workers Act, which sought to provide production quotas in the warehouse industry to prevent ergonomic injuries. Finally, the Amazon Labor Union is a supporter of the New York State temperature standard legislation and attends regular coalition meetings.

Community Driven Participation - How the underserved community's residents and/or organizations were involved in developing the current project plan and are part of the decision-making process

NYCOSH training programs are developed in collaboration with the target groups that we intend to train, as this is the most effective way to develop training materials that workers will understand and learn from. NYCOSH has been working with all of the target populations for many years through training, case management, focus groups and advocacy.

NYCOSH will develop this program in coordination with the target population and will continue to work with the partners throughout the implementation of the program to make decisions about how outreach and training takes place, and how to regularly implement feedback. In addition, NYCOSH will incorporate individual participant feedback into the project design throughout the program and through its evaluations and will conduct focus groups.

In preparation for this grant, NYCOSH heard directly from its partner organizations and workers about the hazards that they are facing on the job. For example, on a February 10, 2023 press conference on the need for a temperature standard in New York State, NICE Executive Director Nilbia Coyote stated one fact for immigrant workers, stating, "Even in extreme weather, immigrant New Yorkers still go to work."[13]

Members went on to testify about the dangerous conditions of working in hot and cold warehouses, cleaning buildings that shut off air conditioning at night to save money, and outside construction sites without any protections from the cold. Partners are ready to develop a curriculum and train their impacted workers for this project and will be contributing direct experiences to the curriculum development process.

d. EJCPS Model - Demonstrate how this application utilizes the Environmental Justice Collaborative Problem-Solving Model (Section I.B).

The program proposed in this application utilizes four of the seven Environmental Justice Collaborative Problem-Solving Model elements. Two of these elements were accomplished prior to this application:

1. Issue Identification, Visioning, and Strategic Goal-Setting

In New York and beyond, low-wage immigrant workers are most likely to face occupational exposure to extreme temperatures. The need to protect workers from extreme temperatures and develop climate resiliency is well established among worker-focused organizations in NYS; every year, New York City has high numbers of heat-related emergency department visits, hospital admissions, and deaths as found and declared by the NY state legislature. NYCOSH is spearheading a New York State temperature standard in collaboration with unions, CBOs, and workers. The legislation was proposed after a year of meeting with stakeholders to set goals for change. Through our advocacy work, we identified the need for training low-wage workers on the hazards of temperature stress, climate change, and resiliency and set the goals outlined in this application.

2. Development of Multi-Stakeholder Partnerships and Leveraging of Resources

[13] "'State Labor Chairs Introduce Temperature Extremes Mitigation Program.'" *The New York State Senate*, New York State, 10 Feb. 2023, https://www.nysenate.gov/newsroom/press-releases/jessica-ramos/state-labor-chairs-introduce-temperature-extremes-mitigation.

While visioning and setting strategic goals, key populations were identified as high risk for suffering from hot and cold stress: construction workers, warehouse workers, and cleaners. To reach these populations, we formalized our partnerships with organizations and unions reaching these workers, including worker center La Colmena, CBO New Immigrant Community Empowerment, and the Amazon Labor Union. NYCOSH already had strong relationships with the partners and frequently collaborates via Zoom and in-person meetings on other occupational safety and health related issues to work towards a common vision or goal. As outlined in the letters of commitment, each partner brings their own assets and resources to this project; the necessary resources have been determined through planning meetings with NYCOSH.

The following elements will be undertaken during this project:

3. Community Capacity-Building and Leadership Development;
Though NYCOSH staff are already experts on disaster resiliency and the impact of climate change on workers, we will spend the first few months of the grant gathering information, continuing to educate ourselves, and creating curricula and training materials. Once the materials are almost complete, NYCOSH will conduct two pilot trainings (in English and Spanish) and a focus group to assess what changes should be made, what potential solutions to the problem are missing, and to ensure that community members and workers participate in developing the final training materials.
To immediately increase capacity, NYCOSH will host a train the trainer, where each of the three partner organizations will select 2-3 staff to learn how to deliver the training materials so that they build their own expertise on the issue.
The remainder of the project will be focused on education and capacity building through the delivery of 2-hour trainings.

4. Evaluation
NYCOSH is committed to utilizing the evaluation process in its training programs to improve existing trainings and evaluate the need for future training. We conduct evaluations on the quality of the training and instructor (level 1) to assess immediate reactions, pre- and post- tests (level 2) to assess knowledge change and "intent to take action". These evaluations allow NYCOSH to determine if the participants are implementing lessons learned from their training into their workplaces to improve health and safety on their job sites, therefore reducing the incidence/severity of occupational illnesses and injuries. NYCOSH also offers oral exams in some training programs for workers for whom written exams would be an impossibility. NYCOSH regularly incorporates these evaluations into its program planning.

e. Project Linkages Please describe the following:
Briefly describe how the project supports EPA Strategic Plan Goal 2, Objective 2.1

NYCOSH is based out of New York, a state with a civil rights bureau that works to promote "equal justice under law and seeks to enforce the civil rights of all New Yorkers." NYCOSH is committed to that mission and works to extend and defend every person's right to a safe and healthy workplace, regardless of race, color, national origin, sex, religion, age, marital status, sexual orientation, gender identity, military status, source of income, or disability. Furthermore, our programs center immigrant workers of color from various countries across union and non-

union jobs; these workers are disproportionately impacted by exploitation, including working in extreme temperatures.

f. Partner and Collaborate - Provide a clear and concise description of how the proposed project promotes collaborations with partners from multiple stakeholder groups to develop solutions that will address environmental and/or public health issues.

Describe how the project will accomplish its goals through the use of appropriate and diverse partnerships from multiple stakeholder groups, such as industry, business, academia, government, etc.

NYCOSH's partners include day laborer organization *La Colmena*, CBO New Immigrant Community Empowerment, and non-profit labor union Amazon Labor Union. Each partner has a base of workers that are the target audience for the trainings proposed in this application and is a member of a diverse stakeholder group. For example, La Colmena will be mobilizing construction workers and is a workers' center, Amazon Labor Union is a union and will be mobilizing warehouse workers, and New Immigrant Community Empowerment is a CBO that will mobilize cleaners. Partnering with organizations that can mobilize workers via phone calls, door knocking, tabling, and other outreach activities, is essential to the work of this project.

As outreach takes place, NYCOSH will conduct trainings via its Safety and Health Specialists, who are experts on temperature stress, climate change, and resiliency. Outreach will be ongoing to attract various pools of workers for each training. Further, as new immigrants continue to come into New York City, partners La Colmena and NICE will regularly inform new arrivals about this training, helping keep them safe on New York City's job sites.

Identify and describe all partners involved, including those partnerships that may be under development. Include the following details about each of your partners.

-Planned roles of each partner listed in your Project Summary. Include which stakeholder group the partner represents and the project activities each partner will be responsible for
La Colmena will partner with NYCOSH to reach low-wage day laborers and construction workers. Through outreach they will inform workers about this project, the reasons for participating, and register them for trainings.

NICE is prepared to support NYCOSH by conducting extensive outreach to immigrant workers, including domestic/cleaning/construction workers, to inform them of this project, the benefits of participating, and register them for trainings.

ALU will partner with NYCOSH to reach warehouse workers who work outdoors, as well as indoors without air conditioning and/or heat. Through outreach they will inform workers about this project, the reasons for participating, and register them for trainings.

How each partner will contribute to the project

La Colmena will:

- Contribute to the project by conducting outreach and telling workers about the project.
- Conduct outreach to at least 800 immigrant workers in person, virtually, and by phone to participate in trainings.
- Ensure that members are responsive to NYCOSH evaluations so that accurate data is collected on membership.
- Assign approximately 20% of outreach staff time to this project.
- Provide access to training space on Staten Island when needed.

NICE will:

- Conduct outreach to at least 500 immigrant workers (flyers, calls, texts, and other channels).
- Distribute flyers and other materials with key information.
- Support NYCOSH with the collection of information on exposure to temperature hazards.
- Conduct in-person outreach at Worker Centers, places of congregation for immigrant workers; OSHA training and others.
- Refer workers to NYCOSH virtual and in person 2-hour long training.

ALU will:

- Contribute to the project by conducting outreach to worker-members and recruiting workers to trainings.
- Provide access to 830 workers during the contract years.
- Provide NYCOSH with a venue to conduct trainings, technical assistance in creating and disseminating trainings, promotion of trainings through direct worker outreach and social media, as well as access to printing fliers and materials for trainings.
- Assign approximately 25% of five staff organizers time to this project to conduct outreach.

What resources each partner brings to the partnership

Each organization will be responsible for providing outreach to their membership, bringing the organization's vast membership resource to the grant project. They will also bring their knowledge of the industries and critical feedback throughout the programming.

How the partner has a vested interest in working with this partnership

Members of the organizations that we partner with are directly impacted by temperature stress and climate change on the job. By training their membership on temperature stress, climate change, and resiliency the organization is helping to provide workers with the tools to protect themself in various working conditions. Our partners' purposes are to provide good, safe jobs for their members and they each have a self-interest in the project at hand.

How the applicant organization plans to maintain and sustain these relationships on into the future

NYCOSH was founded in 1979 and has developed long-lasting partnerships that span far longer than any one project, campaign, or collaboration. We believe in developing sustainable relationships because we are all a part of the labor movement; or the movement for good, safe

jobs in New York State. Each partner on this project has been a partner of NYCOSH for years, and we plan to continue these partnerships.

NYCOSH has staff liaisons that work directly with partner organizations, regularly checking in with them about their campaigns and projects and ensuring that we are able to provide support where needed. NYCOSH also regularly provides education and training on other subjects with these organizations and will continue to do so.

If you intend to fund the partner's participation in the project describe how the proposed financial transaction complies with applicable requirements in 2 CFR Part 200 on competitive procurement or for subrecipients EPA's Subaward Policy or EPA Guidance on Participant Support Costs.

All three partners are eligible subrecipients under EPA's policies and will receive subaward funding to participate in grant activities. As per the EPA Subaward Policy, all partners are non-profit organizations; and none are classified as 501(c)4 under the Internal Revenue Service code.

2.0 Project Activities / Milestone Schedule / Detailed Please describe the following:
a. Project Activities - Provide a clear description of the steps the applicant will take to meet the program objectives and execute the project. Provide clear descriptions and details for each project activity or component and the anticipated products/results associated with each activity.

Under this grant we propose the following activities:

Curriculum Development: NYCOSH will develop a worker-centered curriculum for the program. NYCOSH training sessions are conducted using a variety of educational methods and materials, and custom designed for each group of trainees. Sessions are conducted using "mini-lectures" (brief verbal instruction, including opportunities for questions and answers, designed to reinforce material presented by other means), small-group activities, videos used to trigger discussion on a certain topic, role-playing situations, hands-on sessions, simulations, group discussions, case studies and problem-solving exercises. Varied adult education methodologies are utilized for each type of group, with small-group activities developed with education and skill level of the group in mind. A certain portion of each training is based on the specific conditions and concerns expressed by the trainees, so time is allotted for open discussion to allow participants to have their identified concerns addressed.

Translation: The training will be written in English and translated into Spanish.
Pilot training and feedback session: NYCOSH will host a pilot (2) two-hour trainings (in English and Spanish) to test the curriculum, and then will get feedback from the workers via (2) two-hour focus groups immediately following each training.

Edits to curriculum: NYCOSH will utilize the focus group/feedback sessions to incorporate trainings into the curriculum. All staff working on this project will take part in these edits.
Materials Development: NYCOSH will develop flyers for outreach and evaluation materials that will be utilized in the trainings.

Train the Trainer: Each organization will select 2-3 staff to take part in a train-the-trainer where they will learn to deliver the training materials so that they become the point people on staff for questions about the program. This will also build sustainability for the program, so that trainings can continue after the grant ends.

Outreach: Ongoing outreach will take place, where partners will mobilize workers via phone calls, door knocking, tabling, and other outreach activities. Outreach will take place between 1-4 weeks prior to each training and we estimate at least four hours of outreach will be necessary to recruit for each training. For the 72 trainings that NYCOSH plans to deliver, we estimate 288 outreach hours will be dedicated to this project.

Trainings for Workers: NYCOSH will conduct a total of 72 two-hour trainings on temperature stress, climate change, and resiliency throughout the duration of this grant period. NYCOSH aims to have 20 workers per training, for a total of 1,440 workers.

Evaluation: NYCOSH will conduct level 1 (on satisfaction) and level 2 (on learning) evaluations for the duration of this project, collecting and compiling data for 1,440 evaluations.

b. Milestone Schedule - Include a clearly articulated/organized milestone schedule, detailing timeframes and major milestones to complete significant project activities within the three-year period of performance (Nov 1, 2023- Oct 31, 2026).

Time Period	Milestone	Point Person
November 2023 – January 2024	1. Curriculum and material development 2. Hire new Safety and Health Specialist 3. Kickoff meeting with subgrantees	1. 2 Safety and Health Specialists (Luzdary Giraldo and Liam Lynch) and 1 Industrial Hygienist (Marina Jabsky) 2. Project Manager (Charlene Obernauer) and Associate Director (Lara Maldjian) 3. Project Manager (Charlene Obernauer) and Associate Director (Lara Maldjian)
February – March 2024	1. Translation 2. Two pilot trainings conducted – one in English and one in Spanish 3. Two focus groups held following training; feedback collected	1. Translation consultants (WBE vendor, Translingua) 2. 3 Safety and Health Specialists (Luzdary Giraldo, Liam Lynch, Safety and Health Specialist TBH) 3. 3 Safety and Health Specialists (Luzdary Giraldo, Liam Lynch, Safety and Health Specialist TBH)
April 2024	1. Curriculum and materials refined 2. Train-the-trainer for staff at 3 partner organizations	1. 3 Safety and Health Specialists (Luzdary Giraldo, Liam Lynch, Safety and Health Specialist TBH) and 1 Industrial Hygienist (Marina Jabsky) 2. 3 Safety and Health Specialists (Luzdary Giraldo, Liam Lynch, Safety and Health Specialist TBH)

May-October 2024	1. Outreach ongoing 2. Conduct 18, 2-hr temperature stress, climate change, and resiliency trainings and collect level 1 and 2 evaluations	1. Subgrantees: La Colmena, Amazon Labor Union, New Immigrant Community Empowerment 2. 3 Safety and Health Specialists (Luzdary Giraldo, Liam Lynch, Safety and Health Specialist TBH)
November – October 2025	1. Ongoing outreach 2. Conduct 36, 2-hr temperature stress, climate change, and resiliency trainings and collect level 1 and 2 evaluations	1. Subgrantees: La Colmena, Amazon Labor Union, New Immigrant Community Empowerment 2. 3 Safety and Health Specialists (Luzdary Giraldo, Liam Lynch, Safety and Health Specialist TBH)
November – October 2026	1. Ongoing outreach 2. Conduct 36, 2-hr temperature stress, climate change, and resiliency trainings and collect level 1 and 2 evaluations	1. Subgrantees: La Colmena, Amazon Labor Union, New Immigrant Community Empowerment 2. 3 Safety and Health Specialists (Luzdary Giraldo, Liam Lynch, Safety and Health Specialist TBH)

c. Itemized Budget Sheet / Budget Narrative - Submit as Attachment

3.0 Environmental Results – Outputs, Outcomes, and Performance Measures (Logic Model)
a. Environmental Results (Logic Model) – Submit as Attachment
b. Performance Measurement Plan – Applicants should describe how they plan to track and monitor their project performance and progress throughout the project period.

To track and monitor our project performance, NYCOSH will host regular meetings with internal staff and subgrantees to discuss this grant. At the start of the grant period, we will host a kick-off meeting to go through the attached logic model and set any additional goals that may have arisen during the waiting period. In this meeting we will also develop an outreach plan with methods for reaching the target population and number of trainees. Following the kick-off meeting, NYCOSH will host a monthly group meeting with the three subrecipients to touch base on activities, outputs, and outcomes; we will review the logic model on a quarterly basis to make sure we are on track for meeting our targets. Additionally, NYCOSH management will meet with Safety and Health Specialists on this grant on a weekly basis to discuss training progress, lessons learned, and any changes needed to curriculum; training evaluation data will be reviewed and discussed monthly.

c. Sustainability Plan and Community Vision – Description of how the applicant plans to utilize the results and momentum of the proposed project to come closer to achieve the community's goals and objectives.

Among the low-wage immigrant worker community, goals and objectives include improving working conditions within their industries. For workers' rights organizations such as our partners, it is within their interest to provide the necessary training to protect workers from injury, illness, or even death because of heat and cold exposure. As more workers are educated around an issue, the workers organizations are empowered to conduct advocacy.

Successful programs, such as ours at NYCOSH, look to increase participants' knowledge around the hazards they face, and how these risks can be eliminated, reduced or controlled. Workers will learn that time in the shade can prevent overheating, for example, and the recommended amount of water that should be ingested per hour. In addition, addressing worker's attitudes about their ability to bring concerns to their supervisor is an important element at all trainings, as an understanding of rights and regulations emphasizes the employers' responsibility to provide a safe workplace. Therefore, workers will act to help create safer workplaces, thus impacting more and more workers on their job sites.

Finally, NYCOSH will make its curriculum publicly available on its website so that communities elsewhere can implement this training and help workers stay safe from extreme temperatures in an increasingly warming world.

4.0 Programmatic Capability
a. Organizational Experience related to the proposed project and their infrastructure as it relates to their ability to successfully implement the proposed project.

NYCOSH's programming has been highly effective in developing high-impact occupational safety and health training and education projects for workers and employers for the past 40 years. NYCOSH has been a recipient of NYS Hazard Abatement Board funding since 1980 for training, and received the second-largest award among recipients in 2023. NYCOSH also administers effective training, outreach, and education programs for many government agencies including NIEHS, OSHA, NIOSH's World Trade Center Health Program, NYC's Department of Youth and Child Services, and recently for the Manhattan District Attorney. NYCOSH has had high overall training numbers, and in the 2021-2022 fiscal year, NYCOSH trained 8,772 workers across industries in 538 training sessions. NYCOSH has a fiscal year 2023-2024 budget of nearly $3,000,000 and regularly manages programs of equal size to the EPA grant program being proposed.

b. Staff Experience / Qualifications of Project Manager (PM)
-Why the PM and associated staff are qualified to undertake the project

NYCOSH is the leading occupational safety and health non-profit organization in the State of New York, and is one of the leading organizations in the country. Our training program is led by experienced, dedicated staff, many of whom have been conducting OSH training for decades.

Project Manager: Executive Director, Charlene Obernauer, M.A., oversees NYCOSH's campaign and policy work. Obernauer authors NYCOSH's annual construction fatalities report and founded the New York Healthy Nail Salons Coalition. She is also an adjunct professor of

occupational safety and health. Obernauer has her M.A. in Liberal Studies from the CUNY Graduate Center and her B.A. from SUNY Stony Brook.

Associate Director, Lara Maldjian, M.P.H., directs the Safety and Health Department. She leads the organization through a series of effective programs, including trainings for nail salon workers, youth, and construction workers. She has her B.A. from U.C. Berkeley and her M.P.H. from Columbia University.

Finance Director, Terry Ferreira, B.A., directs the finance department at NYCOSH. She ensures that all finance policies and procedures are being followed and that NYCOSH is in compliance with the finance requirements of our government contracts. She has her B.A. in Economics from Hunter College.

Safety and Health Specialist, Luzdary Giraldo, B.A. has trained tens of thousands of immigrant workers to advocate for their rights in the workplace and is a disaster resiliency expert. She has been a member of NYCOSH staff since 2006 and has led NYCOSH training and outreach programs to a number of community-based organizations and workers' centers. Giraldo has a number of certifications, including OSHA 500 & 510 and Bystander certification.

Industrial Hygienist, Marina Jabsky, M.P.H. is an expert in industrial hygiene and has conducted various site assessments, training, and other services throughout her career as an industrial hygienist and researcher. Jabsky has her M.P.H. from CUNY School of Public Health and is an instructor of Occupational Safety and Health at CUNY School of Labor and Urban Studies.

Safety and Health Specialist, Liam Lynch, M.A., leads various safety and health training programs. Lynch also organizes NYCOSH's outreach and education efforts on the World Trade Center Health program. He has an M.A. in Labor Studies from the CUNY School of Professional Studies and is an instructor of Occupational Safety and Health at CUNY School of Labor and Urban Studies.

For this program, NYCOSH will hire an additional Spanish-speaking Safety and Health Specialist with proven expertise in training around climate change.

Illustrating the PM's ties/historical connection to the community and the applicant organization. Please include detailed descriptions of any activities that the PM has worked on with the community and/or applicant organization.

Project Manager, Charlene Obernauer, M.A., has been leading NYCOSH since 2014 and has been organizing and advocating in the community for nearly two decades. She is an expert in the industries impacted, authoring a nationally-recognized annual report on construction safety, and also authoring a 2019 report on Amazon's Staten Island warehouse. She is also an expert in temperature stress, and wrote the first-of-its kind legislation addressing extreme temperature in both hot and cold climates, which has been introduced in the 2023 session of the NYS Legislature (S1604, A3321). Obernauer is an Adjunct Professor on Occupational Safety and Health and the Environment at SUNY Empire State College's Harry Van Arsdale Center, where she lectures about the intersection between climate change and worker justice.

Further, Obernauer serves as the Project Manager for the Manhattan Justice for Workers' Collaborative, where *La Colmena* and NICE are partnering organizations. This project has existed since 2016 and has led to joint tracking of wage theft cases and employers in New York State. The program has recovered more than $125,000 in lost wages among low-wage immigrant construction workers.

c. Expenditure of Awarded Grant Funds, and plan for compliance with EPA's Pre-award Compliance Review for Nonprofit Organizations

NYCOSH's managerial expertise and fiscal expertise can be demonstrated by the complexity of programs that it coordinates and the kinds of government contracts that it successfully manages. First, to note, NYCOSH has always passed its New York State Department of Labor audits without any findings. As recently as 2017, when NYCOSH was audited, the agency had no findings against the organization. NYCOSH has had similar audits from agencies like the Center for Disease Control, and as of 2021, received satisfactory ratings from the agency.

NYCOSH runs the New York State Department of State-approved New York Nail Salon Worker School, which has resulted in the graduation of nearly 1,000 students since the inception of its program. The School has a 95% pass rate for students who then go on to take the New York State manicurist exam, a requirement to become a licensed manicurist.

NYCOSH also launched its Construction Safety School in 2019, funded by the City of New York and New York City Small Business Services. The grant, $1.66 million over a period of five years, supports the mandatory 40-hour training required for all construction workers in New York City. The grant has been extended an additional year for 2023 due to our success. The target population is day laborers.

NYCOSH has a well-managed finance team, which includes its Executive Director, Finance Director, Finance and Operations Associate, Treasurer, and accountants. This team helps ensure that NYCOSH follows all applicable, Federal, State, City, and County finance guidelines, as well as non-profit tax law.

5.0 Past Performance
Submit a list of federally and/or non-federally funded assistance agreements that your organization performed within the last three years.

1. New York City Small Business Services: Construction Worker School
2. New York State Hazard Abatement Board: occupational safety and health trainings
3. Manhattan District Attorney Criminal Justice Investment Initiative: Wage theft and safety and health cases
4. New York City Human Resources Administration: Outreach for the New York Healthy Nail Salons School
5. New York City Department of Youth and Community Development: Training and operation of the New York Healthy Nail Salons School

i. Whether, and how, you were able to successfully complete and manage those agreements

For each grant program, NYCOSH has been able to successfully complete and manage the agreements. NYCOSH also often exceeds proposed deliverables.

- New York City Small Business Services: NYCOSH's Construction Worker School successfully provided virtual and in-person site safety training for nearly 500 immigrant construction workers every year (since 2019) and managed the complex distribution of Site Safety Training cards with its base of workers.
- New York State Hazard Abatement Board: For various occupational safety and health trainings, NYCOSH has received funding for more than thirty years. For the past five years, NYCOSH managed complex training programs and completed the following deliverables:
    - NYCOSH received $229,955 in 2020-2021 program year and its measurable outcomes include training to 1,818 workers and 208 hours of training.
    - NYCOSH received $244,869 in 2021-2022 program year and its measurable outcomes include training to 1,398 workers and 539 hours of training.
    - NYCOSH received $250,000 in 2022-2023 program year and its measurable outcomes include 601 hours of training.
- Manhattan District Attorney Criminal Justice Investment Initiative: For this wage theft and safety and health case management grant, NYCOSH trained more than 92,000 workers since June of 2018, resulting in more than 1,000 workers reporting employer crime. To date, this program has helped recover more than $125,000 wages at an average of almost $1,900 per worker.
- New York City Human Resources Administration: Outreach for the New York Healthy Nail Salons School has been successful in registering workers for our program. We have conducted outreach thus far to about 5,000 workers.
- New York City Department of Youth and Community Development: Conducting trainings for the New York Healthy Nail Salons School. We have had, since 2016, nearly 1,000 workers graduate from our school and 95% of these workers have gone on to successfully pass the New York State Manicurist exam.

ii. Your history of meeting the reporting requirements under those agreements

NYCOSH has always met the reporting requirements under our agreements. We submit reports as needed per contract, whether it's monthly or quarterly—and always submit an end of year report in a timely manner. NYCOSH has never had any findings against the organization in regular audits that take place under each program, and regularly meets full billing for all its programs.

6.0 Quality Assurance Project Plan (QAPP) Information (If applicable)

Indicate whether you believe that your project will involve the use of existing environmental data or the collection of new data (use the checklist in Appendix F to assist you in making this determination). No.

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-TOL EPA Greening Burlington City Proposal Bud

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

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Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-Greening Burlington City Project Work Plan.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

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BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Environmental Justice Collaborative Problem -Solving Cooperative Agreement Program, EPA-R-OEJECR-OCS-23-01	66.306	$	$	$ 500,000.00	$ 75,500.00	$ 575,500.00
2.						
3.						
4.						
5. Totals		$	$	$ 500,000.00	$ 75,500.00	$ 575,500.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1)	(2)	(3)	(4)	Total (5)
	Environmental Justice Collaborative Problem -Solving Cooperative Agreement Program, EPA-R-OEJECR-OCS-23-01				
a. Personnel	$ 199,500.00	$	$	$	$ 199,500.00
b. Fringe Benefits	27,930.00				27,930.00
c. Travel	0.00				0.00
d. Equipment	32,400.00				32,400.00
e. Supplies	117,670.00				117,670.00
f. Contractual	0.00				0.00
g. Construction	0.00				0.00
h. Other	164,500.00				164,500.00
i. Total Direct Charges (sum of 6a-6h)	542,000.00				$ 542,000.00
j. Indirect Charges	33,500.00				$ 33,500.00
k. TOTALS (sum of 6i and 6j)	$ 575,500.00	$	$	$	$ 575,500.00
7. Program Income	$ 0.00	$	$	$	$ 0.00

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Environmental Justice Collaborative Problem -Solving Cooperative Agreement Program, EPA-R-OEJECR-OCS-23-01	$ 33,500.00	$	$ 42,000.00	$ 75,500.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$ 33,500.00	$	$ 42,000.00	$ 75,500.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 155,210.00	$ 40,000.00	$ 40,000.00	$ 38,000.00	$ 37,210.00
14. Non-Federal	$ 13,200.00	2,800.00	2,800.00	2,800.00	4,800.00
15. TOTAL (sum of lines 13 and 14)	$ 168,410.00	$ 42,800.00	$ 42,800.00	$ 40,800.00	$ 42,010.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Environmental Justice Collaborative Problem -Solving Cooperative Agreement Program, EPA-R-OEJECR-OCS-23-01	$ 155,210.00	$ 197,410.00	$ 147,380.00	$ 0.00
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 155,210.00	$ 197,410.00	$ 147,380.00	$ 0.00

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges: 10%

23. Remarks:

Greening Burlington City Detailed Budget

	Description	Total
Personnel	• Program Director @ $60,000 annual salary x 15% of time on project = $27,000 total for three years • Program Coordinator @ $50,000 annual salary x 75% of time on project = $112,500 total for three years • Program Apprentice @ $40,000 annual salary x 50% time on project = $60,000	$199,500
Fringe Benefits	• 14% of Salary Costs - average cost for health insurance, workers comp, and leave	$27,930
Travel	• N/A	$0
Equipment	• Hand Tools, $2,000 cost contributed by PPA/RCF • Green House for Market Gardens @ 1 x $20,000 • Materials for raised beds @ $200 each for 40 4' x 40' beds = $8,000 • Irrigation Equipment for Market Gardens = $2,400	$30,400
Supplies	• Flyers, printing and mailing @$1 each for 2*3900 households=$7,800 • Plants for Rain Gardens @ $4,000 per 800 sq ft garden for 8 gardens = $32,000 • Trees for Street Trees @ $300 per tree for 100 trees = $30,000 • Plants for Market Gardens @ $1,100 for each of two 1/4 acre Market Gardens for each of two growing seasons = $4,400 • Growing supplies for Market Gardens = $3,470 • Equipment for site prep to be supplied by the City at no cost, approxmately $40,000 value	$77,670
Contractual	• N/A	$0
Construction	• N/A	$0
Indirect Costs	• 10% of Direct costs = $33,500, contributed by TOL	$0
Other	• PPA/RCF Subaward = $72,000 • Rutgers Water Resource Program Subaward = $58,500 • Hopeworks Subaward = $28,000 • Insurance-Liability = $6,000	$164,500
		$500,000

Greening Burlington City Logic Model

Resources	Activities	Outputs	Audience	Short-Term Outcomes	Intermediate Outcomes	Long-Term Outcomes
Trained Staff	Organizing local engagement	8+ rain gardens and street trees in underserved neighborhoods	City residents	Forum with at least 40 engaged residents for discussion and planning meets regularly	Less to no flooding during storms in neighborhoods with rain gardens and street trees	Community members create new initiatives to improve their lives
Resident volunteers	Information collection through walking, taklking and mapping	2 market gardens that are economically sustainable for growers	Residents interested in gardening and tending	Broad knowledge among residents about the project and its value to them	Improved appearance of public spaces in City, creating better quality of life	TOL has greater ongoing capacity among staff and volunteers to sustain this project and do things not yet imaged
Resident growers	Planning through inclusive conversation based on local knowledge	Maintenance plans for rain gardens and street trees	Residents interested in become market farmers/growers	Cadre of at least 25 trained and committed volunteers	Greater shade and lesser heat along streets and neibhoring houses	Flooding risks are permanently reduced in the City
City government	Creating detailed designs and procedures for installations	Management plans for each market gardens	City government officials	Trained and committed growers to develop and operate the market gardens	Income flow begun for market gardeners/growers	Water quality in Delaware River and tributaries is improved with cleaner stormwater
Funding	Recruitng volunteers and growers	Sales of produce for local consumption, quantities and prices to be determined	Current and future partner organizations among nonprofits and agencies	8 rain gardens planted and 100 street trees	Broad sense of empowerment and inclusion among residents involved in or affected by the project	Health of City residents improves through better nutrition and consumption of nurtrient-rich produce
Partner organizations with special capacities	Teaching programs for volunteers and growers	Community knowledge of natural systems and growing skills via 8 training events involving at least 80 residents	Foundations and otherpotential funding sources	2 market gardens developed and planted starting in year 2 growing season	Health of City residents improves through better nutrition and consumption of nurtrient-rich produce	City residents find quality, satifsying employment in environmental and food system jobs
Land for green stormwater infrastructure	Planting rain gardens and street trees	Monthy meetings of the community of volunteers, growers and partners	Neighboring town residents and officials	Report and other communications materials available to TOL and partners to spread the word		More urban market gardens are created in the region with sustainable economic models
Land for market gardening	Developing and planting market gardens	Final report, with images and videos about the project, its challenges and successes	Residents and officials of South Jersey and Philadelphia Metro area			More towns create similar or better initiatives around greening their neighborhoods and stormwater management
Growing tools and equipment	Running market gardens for grower income	2 flyers delivered to all City residences about the project and opportunities to get involved				
	Ongoing organizing, support and training for maintenance of installations	At least monthly social media posts via Facebook, Instagram and email				

Key Partner Bios

Jaclyn Rhoads, Ph.D., is the assistant executive director of Pinelands Preservation Alliance (PPA). Dr. Rhoads oversees all policy and science staff at PPA while also writing and executing many funding requests. She started the Landscape Makeover Program (Program) approximately 7 years ago as way to unite nearly 10 non-governmental organization partners working on changing the culture of landscape and stormwater management in south Jersey. The Program provides financial and technical assistance for green stormwater infrastructure to homeowners, public land managers, and farmers/farm businesses in select locations. Dr. Rhoads has partnered with nearly 25 towns to transform their landscapes, funded around 100 installations, and received 5 grants over the years for the program totaling nearly $1.95 million. She continues to be the program manager, coordinates with all partnering organizations, oversees the work of additional PPA staff on the program, and completes all grant reporting requirements.

Dr. Christopher Obropta founded the Rutgers Cooperative Extension (RCE) Water Resources Program in 2002 and has developed into an award-winning state-wide program dedicated to solving New Jersey's water resources issues. The program supports eight full-time staff and 10 part-time undergraduate students. The diversity of backgrounds of this staff reflects the variety of needs to be addressed and the holistic approach needed to solve New Jersey's water resources issues. With engineers, scientists, educators, landscape architects, and other design professionals, the team routinely approaches each project and program from a multidisciplinary point of view. The mission of the Water Resources Program is to identify and address community water resource issues using sustainable and practical science-based solutions. This is accomplished through research, project development, assessment, and extension and through the collaborative efforts of their many regional, national, and international partners. The Water Resources Program has been working to develop green infrastructure feasibility studies for municipalities throughout New Jersey. These feasibility studies identify sites where green infrastructure practices can be installed to capture, treat, and infiltrate stormwater runoff from impervious surfaces, thereby helping communities become more sustainable, reduce flooding, and improve water quality.

Since the inception of the Landscape Makeover Program, RCE Water Resources Program conducts educational sessions and technical sessions for the rain garden rebate program. RCE also generates all the engineered design plans for all the green infrastructure projects at municipal/public owned property and institutions. Additionally, Water Resources Program staff is on-site during project layout and construction to verify that the green infrastructure BMPs are properly installed according to the design plans.

City of Burlington Garden Club

April 5, 2023

Seigha Omuso
Executive Director
The Opportunity League
11 West Broad Street
Burlington, NJ 08016

Re: Letter of Commitment for the Greening Burlington City Initiative

Dear Mr. Omuso:

I am writing on behalf of The City of Burlington Garden Club to express The Garden Club's commitment to the Greening Burlington City initiative and specifically to the tasks described in this letter. The Garden Club sees that this project will improve the environment for our residents.

The Burlington Garden Club is a 501 (c)(3) non-profit organization whose goal is to beautify Burlington City through various gardening activities and services for current and potential businesses, as well as residents and visitors. Our goal is to make downtown Burlington an even more beautiful place to live. The Opportunity League (TOL) is a valued member of The City of Burlington Garden Club and our City.

The Burlington Garden Club will contribute to the success of the Greening Burlington City initiative by using our various means of support through our social media, community events, and members to inform City residents about the program and how they can become involved. The Garden Club will highlight the project by posting information provided by TOL on our Facebook page and asking our members to inform residents around the city about the program. In addition, The Garden Club will encourage our members to participate in activities, including the planning and installation projects at the heart of this project. We anticipate that The Garden Club and its members will find additional ways to support this project as it unfolds.

We look forward to working with The Opportunity League and your partners on this project.

Sincerely,

Jeff Gorleski
President

ED_016126_00001101-00001

Main Street Burlington
PO Box 1495
Burlington, NJ 08016

March 29, 2023

Seigha Omuso
Executive Director
The Opportunity League of Burlington
11 W Broad Street
Burlington, NJ 08016

Re: Letter of Commitment for the Greening of Burlington City

Dear Mr. Omuso,

I am writing on behalf of Main Street Burlington, a 501 (c)(3) non-profit corporation whose goal is to generate economic activity and encourage investment in the city of Burlington, through a variety of events and services for current and potential businesses, as well as residents and visitors. Our goal is to make downtown Burlington an even better place to live and do business.

The goals of this initiative align very well with the time-tested strategy of the Main Street America movement, which is built on a 4-point model for transformation focused on economic vitality, downtown aesthetics, downtown promotion, and a vibrant organization of volunteers networked into the community and its organizations. Specifically, this initiative promotes community leadership through neighborhood meetings, environmental preservation and beautification, and economic development.

Main Street Burlington, with its relationship to the Burlington Garden Club and its Farmer's Market initiative now in its 3rd year of operation, is prepared to lend its support to The Opportunity League and the Pinelands Preservation Alliance in promoting the initiative to residents and businesses through its active social media channels and events, as well as seeking ways to integrate the program into its Farmer's Market, and participating in community planning meetings that TOL will organize. We are open to discussion about other ways in which we can show our support.

We are excited about this initiative and the myriad benefits it will bring to the city, its residents, and businesses.

Please let me know if you have any questions.

Sincerely,

Donnamarie Mazzola
President

Manifest for Grant Application # GRANT13853158

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 33034 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16049 bytes)

2. Form SF424A-V1.0.pdf (size 23492 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40289 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15931 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23881 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37302 bytes)

Attachments Included in Zip File (total 14):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1242-Burlington Schools Letter of Commitment for Greening Burlington City.pdf application/pdf (size 1755645 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1247-Rutgers Letter of Commitment-Greening Burlington City.pdf application/pdf (size 128717 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1243-Main Street Burlington Letter of Commitment for Greening Burlington City.pdf application/pdf (size 587628 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1246-Hopeworks Letter of Committment for Greening Burlington City Proposal.pdf application/pdf (size 97081 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1244-Garden Club Letter of Commitment for Greening Burlington City.pdf application/pdf (size 419405 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1245-PPA-Greening Burlington City Letter of Commitment.pdf application/pdf (size 227470 bytes)

7. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-TOL Greening Burlington City Key Partner Bios.pdf application/pdf (size 108773 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-Resume-Seigha-I.-Omuso (1).pdf application/pdf (size 125650 bytes)

9. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-Resume-Shenee Omuso.pdf application/pdf (size 123584 bytes)

10. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-Burlington City Letter of Commitment for Greening Burlington City.pdf application/pdf (size 588768 bytes)

11. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-TOL Greening Burlington City Logic Model.pdf application/pdf (size 83834 bytes)

12. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-501 c

3 2014 Determination Letter (1) (1) (4).pdf application/pdf (size 193756 bytes)

13. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-TOL EPA Greening Burlington City Proposal Budget.pdf application/pdf (size 83585 bytes)

14. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-Greening Burlington City Project Work Plan.pdf application/pdf (size 265565 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1234-7. Other attachment forms.pdf

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Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1235-Project Narrative_EPA EJPS_4-14-23_rev.pdf

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BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	66.306	$	$	$ 374,541.00	$	$ 374,541.00
2.						
3.						
4.						
5. Totals		$	$	$ 374,541.00	$	$ 374,541.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1)	(2)	(3)	(4)	Total (5)
	ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	N/A	N/A		
a. Personnel	$ 36,131.00	$ 24,993.00	$ 25,493.00	$	$ 86,617.00
b. Fringe Benefits	3,921.00	3,306.00	3,372.00		10,599.00
c. Travel	5,350.00	3,524.00	2,524.00		11,398.00
d. Equipment	107,100.00	0.00	0.00		107,100.00
e. Supplies	24,109.00	0.00	0.00		24,109.00
f. Contractual	99,861.00	0.00	0.00		99,861.00
g. Construction					
h. Other	22,534.00	22,227.00	1,200.00		45,961.00
i. Total Direct Charges (sum of 6a-6h)	299,006.00	54,050.00	32,589.00		$ 385,645.00
j. Indirect Charges	75,535.00	20,353.00	18,413.00		$ 114,301.00
k. TOTALS (sum of 6i and 6j)	$ 374,541.00	$ 74,403.00	$ 51,002.00	$	$ 499,946.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 374,541.00	$ 93,636.00	$ 93,635.00	$ 93,635.00	$ 93,635.00
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 374,541.00	$ 93,636.00	$ 93,635.00	$ 93,635.00	$ 93,635.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	$ 74,403.00	$ 51,002.00	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 74,403.00	$ 51,002.00	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: 385,645

22. Indirect Charges: 114,301

23. Remarks: F&A (56.5%) is taken on an MTDC Base that excludes Equipment, Tuition and Subaward portion above the first 25K.

Manifest for Grant Application # GRANT13861531

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 26325 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16042 bytes)

2. Form SF424A-V1.0.pdf (size 23463 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 41031 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15917 bytes)

5. Form SF424_4_0-V4.0.pdf (size 24022 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37348 bytes)

Attachments Included in Zip File (total 2):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1234-7. Other attachment forms.pdf application/pdf (size 822338 bytes)

2. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1235-Project Narrative_EPA EJPS_4-14-23_rev.pdf application/pdf (size 832366 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-Itemized Budget Sheet UVSO CU.pdf

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Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-EPA Newark due April 14, 2023_just.pdf

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BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. EPA-R-OEJECR-OCS-23-01	66.306	$	$	$ 283,600.00	$	$ 283,600.00
2.						
3.						
4.						
5. Totals		$	$	$ 283,600.00	$	$ 283,600.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) EPA-R-OEJECR-OCS-23-01	(2)	(3)	(4)	Total (5)
a. Personnel	$ 126,480.00	$	$	$	$ 126,480.00
b. Fringe Benefits	25,296.00				25,296.00
c. Travel	0.00				0.00
d. Equipment	35,590.00				35,590.00
e. Supplies	15,000.00				15,000.00
f. Contractual	0.00				0.00
g. Construction					
h. Other	61,669.00				61,669.00
i. Total Direct Charges (sum of 6a-6h)	264,035.00				$ 264,035.00
j. Indirect Charges	19,565.00				$ 19,565.00
k. TOTALS (sum of 6i and 6j)	$ 283,600.00	$	$	$	$ 283,600.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. EPA-R-OEJECR-OCS-23-01	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 283,600.00	$ 97,590.00	$ 43,471.00	$ 99,069.00	$ 43,470.00
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 283,600.00	$ 97,590.00	$ 43,471.00	$ 99,069.00	$ 43,470.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. EPA-R-OEJECR-OCS-23-01	$ 283,600.00	$ 216,397.00	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 283,600.00	$ 216,397.00	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges: de minimis rate of 10% of MTDC

23. Remarks:

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CIRCLE Environmental Results/Logic Model

Resources	Activities	Outputs	Audience	Short-term outcomes	Intermediate Outcomes	Long-term outcomes
24 months of lead safety organizers	recruitment of community organizers	increased awareness of lead exposure risks	pregnant women of Vailsburg neighborhood	increased awareness of lead exposure risks	200 homes remediated under City HUD grant	expansion of approach to state and country
in-kind contribution of academic partner time	community meetings on risks of lead exposure	evaluation of Lumetallix kit as screening tool	City of Newark managers and elected officials	testing conducted in up to 1,000 homes	reduction in blood-Pb levels in first 2 years	higher learning ability, lower delinquency
cost subsidy of 1,000 Lumetallix lead kits	piloting of kit deployment	reduced lead exposure risks in Vailsburg	New Jersey managers and elected officials	lead exposure risks identified in 200 homes		improved health and increased earnings
instrumentation in academic partner la	comparison of kit, XRF, and laboratory results	more reduction in blood-Pb compared to controls	Federal institutions and elected officials	areas at risk avoided by newborn		
City of Newark lead inspectors	offering kit throughout the community					
support for remediation from Newark HUD grant	verification of high lead kit resuts by XRF					
hospital and pediatrician facilities	remediation of lead exposure hazards					
	blood-Pb testing in community					

Manifest for Grant Application # GRANT13861612

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 25356 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16049 bytes)

2. Form SF424A-V1.0.pdf (size 22956 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40307 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15924 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23938 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37254 bytes)

Attachments Included in Zip File (total 6):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-UVSO IRS Determination Letter.pdf application/pdf (size 1235398 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-Itemized Budget Sheet UVSO CU.pdf application/pdf (size 332392 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-CIVIC_allCVs.pdf application/pdf (size 227204 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-CIVIC_letters.pdf application/pdf (size 856614 bytes)

5. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-EPA Newark due April 14, 2023_just.pdf application/pdf (size 10685661 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-CIVIC_LogicModel.pdf application/pdf (size 269239 bytes)

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-Final Project Narrative & Work Plan - Urban Green

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Extreme Heat and Equitable Cooling: Exploring a Max Indoor Temperature		$	$	$ 497,194.00	$	$ 497,194.00
2.						
3.						
4.						
5. Totals		$	$	$ 497,194.00	$	$ 497,194.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) Extreme Heat and Equitable Cooling: Exploring a Max Indoor Temperature	(2)	(3)	(4)	Total (5)
a. Personnel	$ 216,300.00	$	$	$	$ 216,300.00
b. Fringe Benefits	54,075.00				54,075.00
c. Travel	0.00				0.00
d. Equipment	0.00				0.00
e. Supplies	84,555.00				84,555.00
f. Contractual	104,613.00				104,613.00
g. Construction	0.00				0.00
h. Other	16,000.00				16,000.00
i. Total Direct Charges (sum of 6a-6h)	475,543.00				$ 475,543.00
j. Indirect Charges	21,630.00				$ 21,630.00
k. TOTALS (sum of 6i and 6j)	$ 497,173.00	$	$	$	$ 497,173.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Extreme Heat and Equitable Cooling: Exploring a Max Indoor Temperature	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 207,764.00	$ 51,941.00	$ 51,941.00	$ 51,941.00	$ 51,941.00
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 207,764.00	$ 51,941.00	$ 51,941.00	$ 51,941.00	$ 51,941.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Extreme Heat and Equitable Cooling: Exploring a Max Indoor Temperature	$ 207,764.00	$ 203,718.00	$ 85,689.00	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 207,764.00	$ 203,718.00	$ 85,689.00	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: 475543

22. Indirect Charges: 21630

23. Remarks:

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Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-Logic Model Attachment.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

3.a Logic Model

Equitable Cooling and Extreme Heat: Collaborative Pathways to a Max Indoor Temperature in NYC

Resources / Inputs	**Activities**	**Outputs**	**Audience**	**Short-term outcomes (6-12 months)**	**Intermediate outcomes (12-24 months)**	**Long-term outcomes (2+ years)**
Urban Green staff time Riseboro staff time NYCC staff time In-kind MOCEJ staff time Resident survey time In-unit sensors Advisory participation from community leaders and subject matter experts	Assess and synthesize existing research on extreme heat, cooling access, and impacts to NYC environmental justice communities Collaborate with experts and environmental justice leaders to establish baseline regulatory landscape Conduct a resident-survey to understand behavioral, financial, health, and comfort factors around cooling during extreme heat Collect in-unit data with residents on key factors around	Publish heat vulnerability research brief Convene 30 stakeholders to understand tenant-landlord responsibility for cooling and utilities Install temperature and air quality sensors in 40 apartments Create 5 representative case-studies Facilitate 5 multi-stakeholder convenings with 50 experts to create a policy roadmap Publish 1 detailed research and policy report with research findings and policy	Underserved and heat vulnerable residents Building operations and maintenance staff NYC community-based and environmental justice organizations and leaders NYC policymakers Utility regulators Building Design Professionals HVAC manufacturers	Increased community knowledge of heat vulnerability in EJ communities and how building types, systems, and grid resilience inter-relate Establish consensus on regulatory complexities of owner-tenant responsibilities for cooling and utilities Increase understanding of the factors affecting how NYC residents experience cooling in hot summer months Improved data on the state of NYC apartments during hot	Increase in the number of heat-vulnerable residences that have in-unit cooling Reach consensus among key experts and leaders on barriers and solutions to an indoor max temperature policy in NYC Publish a policy roadmap to achieving an indoor maximum temperature Change in public and decision-maker perspectives on cooling as a right instead of an amenity Decision-makers begin using policy roadmap	The passage of a data-driven policy mechanism to establish a maximum indoor temperature for NYC's multifamily buildings Affordable, efficient, and resilient cooling for all heat vulnerable NYC residents Improved climate resilience and quality of life for vulnerable residents during more frequent extreme heat events Reduced heat-related hospital admissions and deaths for heat vulnerable New Yorkers

	extreme heat and cooling in summer months Analyze energy and cost data from Riseboro buildings on conventional air conditioners and heat pumps Convene NYC stakeholders to chart policy pathways to reach a maximum indoor temperature Publish research and policy report charting an actionable roadmap to an indoor temperature policy Develop community outreach campaign to improve cooling access in NYC Boost workforce capacity with industry education and training	roadmap Collaborate with 5-10 NYC environmental justice and CBOs to change perspectives on cooling as a right Create and deliver 1-2 new industry training modules to reach ~100 buildings operations and maintenance staff		summer months in heat vulnerable neighborhoods Clarity on the costs, efficiency, power demand, and carbon impacts of various cooling technology options	to increase access to cooling for NYC's heat vulnerable residents Improved workforce practices and capacity to install and maintain efficient, resilient cooling systems	Increased efficient cooling technologies in buildings in EJ neighborhoods that also helps to meet City climate decarbonization goals Establish policy precedents that will drive policy change in other local governments

Office of the Mayor

April 12, 2023

Kizzy Charles-Guzman
Executive Director
Mayor's Office of Climate
and Environmental Justice

253 Broadway, 14th Floor
New York, NY 10007

kguzman@cityhall.nyc.gov

Mr. Jacob Burney
Office of Environmental Justice and External Civil Rights
Environmental Protection Agency
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Re: Letter of Commitment for Equitable Cooling and Extreme Heat: Collaborative Pathways to a Max Indoor Temperature in NYC Project

Dear Mr. Burney,

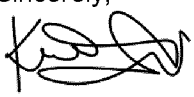
I am writing on behalf of the Mayor's Office of Climate & Environmental Justice (MOCEJ) to express our commitment to support the Equitable Cooling and Extreme Heat Project. We are excited by the opportunity to establish this agreement with the Urban Green Council (UGC). Through science-based analysis, policy and program development, and capacity building, MOCEJ leads the City's efforts to ensure that New York City (NYC) is minimizing its contributions to climate change and preparing to adapt and protect New Yorkers from extreme weather and multiple climate hazards. MOCEJ work is centered on environmental justice, prioritizing the health and well-being front line communities, and seeking to redress inequities.

Every summer approximately 370 New Yorkers die from heat-related exposure, consistent with our knowledge that extreme heat is the deadliest climate hazard in NYC and nationwide. Most New Yorkers who die from heat exposure do so in apartments without a functioning air conditioner. Cooling has traditionally been considered an amenity, but it is a life-saving feature and thermal safety needs to be integrated into building regulations. The development of a framework for establishing and enacting a maximum indoor temperature will help to advance the City's goals, ensuring that our residential spaces support year-round thermal safety and that our most vulnerable New Yorkers are safe in their homes in the summer months.

To support the Equitable Cooling and Extreme Heat Project and its partners for the three-year duration of the grant, MOCEJ enthusiastically commits to the following: a) Our team will provide strategic guidance, assist with interagency coordination, and other advisory support as needed to UGC and their project partners, b) I will assign a team member to support the development of policy recommendations and assist with interagency coordination, and c) We will work with UGC on the development and implementation of evaluation tools.

As we face a future with hotter, longer, and more intense heat waves, the development of heat resiliency policies will help close the gap on environmental health disparities in New York City.

Sincerely,



Kizzy Charles-Guzman

Urban Green Council - Budget by Activity

Assessing the threat: Research on extreme heat and the prevalence of cooling	**Total**	**Description**
Personnel	$22,085	Senior Director, Policy and Research, $141,151 annual salary @ 13% FTE - 3 years Policy Manager, $82,376 Annual Salary @20% FTE - 3 years Research Manager, $78,302 Annual Salary @23% FTE - 3 years Senior Director of Communications, $123,831 Annual Salary @ 5% FTE - 3 years
Fringe	$5,521	Fringe at 25% Includes: Medical Insurance, Dental Insurance, 401k Match, STD, LTD Life Insurance
Contractual Costs	$833	Technical Consultant, 37.5 Hours annually at $100 per hour for 3 years
Construction		
Travel		
Equipment		
Supplies		
Other Direct Costs		
Indirect Costs	$2,208	10% indirect costs based on Personnel Costs
Activity #1 Total	**$30,647**	
Shedding light on the rules: Collaborative engagement on the regulatory landscape	**Total**	**Description**
Personnel	$24,330	Senior Director, Policy and Research, $141,151 annual salary @ 13% FTE - 3 years Policy Manager, $82,376 Annual Salary @20% FTE - 3 years Research Manager, $78,302 Annual Salary @23% FTE - 3 years
Fringe	$6,083	Fringe Includes: Medical Insurance, Dental Insurance, 401k Match, STD, LTD Life Insurance
Contractual Costs	$833	Technical Consultant, 37.5 Hours annually at $100 per hour for 3 years
Construction		
Travel		
Equipment		
Supplies		
Other Direct Costs	$5,000	Funding for Environmental Justice Groups and Community Based Organizations to join the convening

Indirect Costs	$2,433	10% indirect costs based on Personnel Costs
Activity #2 Total	**$38,679**	
Engaging residents: Community survey on lived experience	**Total**	**Description**
Personnel	$17,646	Senior Director, Policy and Research, $141,151 annual salary @ 13% FTE - 3 years Policy Manager, $82,376 Annual Salary @20% FTE - 3 years Research Manager, $78,302 Annual Salary @23% FTE - 3 years
Fringe	$4,412	Fringe Includes: Medical Insurance, Dental Insurance, 401k Match, STD, LTD Life Insurance
Contractual Costs	$31,089	Riseboro Energy Manager, 118 Hours annually at $50 per hour for 3 years Riseboro Tenant Liaison, 52 Hours annually at $35 per hour for 3 years Riseboro Sustainability Intern, 52 Hours annually $20 per hour for 3 years NYCC Organizer and OTPS, $67,000 Annual at 13% FTE and OTPS Technical Consultant, 37.5 Hours annually at $100 per hour for 3 years
Construction		
Travel		
Equipment		
Supplies		
Other Direct Costs		
Indirect Costs	$1,765	10% indirect costs based on Personnel Costs
Activity #3 Total	**$54,912**	
Engaging residents: In-unit data collection on experience with cooling	**Total**	**Description**
Personnel	$24,384	Senior Director, Policy and Research, $141,151 annual salary @ 13% FTE - 3 years Policy Manager, $82,376 Annual Salary @20% FTE - 3 years Research Manager, $78,302 Annual Salary @23% FTE - 3 years Senior Director of Communications, $123,831 Annual Salary @ 5% FTE - 3 years
Fringe	$6,096	Fringe 25% Includes: Medical Insurance, Dental Insurance, 401k Match, STD, LTD Life Insurance

Contractual Costs	$6,089	Riseboro Energy Manager, 118 Hours annually at $50 per hour for 3 years = $17,700 Riseboro Tenant Liaison, 52 Hours annually at $35 per hour for 3 years = $5,460 Riseboro Sustainability Intern, 52 Hours annually $20 per hour for 3 years = $3,120 Technical Consultant, 37.5 Hours annually at $100 per hour for 3 years
Construction		
Travel		
Equipment		
Supplies	$42,555	- Quant-AQ Modulair PM - Installation of 40 discrete sensors to collect real-world, in-unit data related to experience of cooling. Includs shipping charges - Cloud & Annual Wireless CardInstallation of discrete sensors to collect real-world, in-unit data related to experience of cooling. Wireless capability and card storage for data for 2 years.
Other Direct Costs	$3,000	Stipends for participants in data collection program
Indirect Costs	$2,438	10% indirect costs based on Personnel Costs
Activity #4 Total	**$84,563**	
Analyzing energy and cost: Data and modeling for conventional ACs and heat pumps	**Total**	**Description**
Personnel	$23,261	Senior Director, Policy and Research, $141,151 annual salary @ 13% FTE - 3 years Policy Manager, $82,376 Annual Salary @20% FTE - 3 years Research Manager, Data, $78,302 Annual Salary @23% FTE - 3 years Senior Director of Communications, $123,831 Annual Salary @ 5% FTE - 3 years Senior Advisor, 25 Hours Annually at $125 an hour Study design and Data Analysis
Fringe	$5,815	Fringe 25% Includes: Medical Insurance, Dental Insurance, 401k Match, STD, LTD Life Insurance
Contractual Costs	$6,089	Riseboro Energy Manager, 118 Hours annually at $50 per hour for 3 years = $17,700 Riseboro Tenant Liaison, 52 Hours annually at $35 per hour for 3 years = $5,460 Riseboro Sustainability Intern, 52 Hours annually $20 per hour for 3 years = $3,120
Construction		
Travel		
Equipment		

Supplies	$42,000	Quant-AQ Modulair PM: Installation of 40 discrete sensors to collect real-world, in-unit data related to experience of cooling. Includes shipping charges
Other Direct Costs	$3,000	Stipends for participants in data collection program
Indirect Costs	$2,326	10% indirect costs based on Personnel Costs
Activity #5 Total	**$82,492**	
Charting policy pathways: Collaborative convening on barriers and solutions	**Total**	**Description**
Personnel	$22,191	Senior Director, Policy and Research, $141,151 annual salary @ 13% FTE - 3 years Policy Manager, $82,376 Annual Salary @20% FTE - 3 years Research Manager, $78,302 Annual Salary @23% FTE - 3 years
Fringe	$5,548	Fringe 25% Includes: Medical Insurance, Dental Insurance, 401k Match, STD, LTD Life Insurance
Contractual Costs		
Construction		
Travel		
Equipment		
Supplies		
Other Direct Costs		
Indirect Costs	$2,219	10% indirect costs based on Personnel Costs
Activity #6 Total	**$29,959**	
Finding a way forward: An actionable roadmap to a max indoor temperature policy	**Total**	**Description**
Personnel	$46,468	Senior Director, Policy and Research, $141,151 annual salary @ 13% FTE - 3 years Policy Manager, $82,376 Annual Salary @20% FTE - 3 years Research Manager, $78,302 Annual Salary @23% FTE - 3 years Senior Director of Communications, $123,831 Annual Salary @ 5% FTE - 3 years
Fringe	$11,617	Fringe 25% Includes: Medical Insurance, Dental Insurance, 401k Match, STD, LTD Life Insurance
Contractual Costs	$22,500	Graphic Designer/Writer 60 Hours annually at $125 per hour

Construction		
Travel		
Equipment		
Supplies		
Other Direct Costs	$5,000	Funding for Environmental Justice Groups and Community Based Organizations to join the convening
Indirect Costs	$4,647	10% indirect costs based on Personnel Costs
Activity #7 Total	**$90,232**	
Sharing the outcomes: Community outreach on a max indoor temperature policy	**Total**	**Description**
Personnel	$22,298	Senior Director, Policy and Research, $141,151 annual salary @ 13% FTE - 3 years Policy Manager, $82,376 Annual Salary @20% FTE - 3 years Research Manager, $78,302 Annual Salary @23% FTE - 3 years Senior Director of Communications, $123,831 Annual Salary @ 5% FTE - 3 years Senior Director of Education, $142,000 Annual Salary @ 7% FTE - 3 years
Fringe	$5,575	Fringe 25% Includes: Medical Insurance, Dental Insurance, 401k Match, STD, LTD Life Insurance
Contractual Costs	$6,089	Riseboro Energy Manager, 118 Hours annually at $50 per hour for 3 years = $17,700 Riseboro Tenant Liaison, 52 Hours annually at $35 per hour for 3 years = $5,460 Riseboro Sustainability Intern, 52 Hours annually $20 per hour for 3 years = $3,120
Construction		
Travel		
Equipment		
Supplies		
Other Direct Costs		
Indirect Costs	$2,230	10% indirect costs based on Personnel Costs
Activity #8 Total	**$36,192**	
Boosting workforce capacity: Industry education and training	**Total**	**Description**

Personnel	$13,636	Senior Director, Policy and Research, $141,151 annual salary @ 13% FTE - 3 years Policy Manager, $82,376 Annual Salary @20% FTE - 3 years Research Manager, $78,302 Annual Salary @23% FTE - 3 years Senior Director of Communications, $123,831 Annual Salary @ 5% FTE - 3 years
Fringe	$3,409	Fringe 25% Includes: Medical Insurance, Dental Insurance, 401k Match, STD, LTD Life Insurance
Contractual Costs	$31,089	Riseboro Energy Manager, 118 Hours annually at $50 per hour for 3 years = $17,700 Riseboro Tenant Liaison, 52 Hours annually at $35 per hour for 3 years = $5,460 Riseboro Sustainability Intern, 52 Hours annually $20 per hour for 3 years = $3,120 Technical Consultant, 37.5 Hours annually at $100 per hour for 3 years NYCC Organizer. NYCC Organizer and OTPS, $67,000 Annual at 13% FTE and OTPS
Construction		
Travel		
Equipment		
Supplies		
Other Direct Costs		
Indirect Costs	$1,364	10% indirect costs based on Personnel Costs
Activity #9 Total	**$49,498**	
Total Indirect Costs	$21,630	
Total	$497,174	
Remarks: All personnel costs were determined based on estimated staff time for each activity. Contractual services were broken down based on total contractor costs per activity.		

CHRISTINA ANJESKY I Managing Director I Urban Green Council

EXPERIENCE

Urban Green Council, USGBC New York, New York, NY
Senior Director, Strategy, 2023

- Lead new fundraising projects for leading NYC environmental nonprofit
- Provide administrative support for select funding and contracts

Managing Director, 2010-2022 Oversaw content development and outreach for Urban Green's educational efforts including GPRO training for trades, energy code training and public programs.

- Direct edall fundraising efforts including management of sponsorship and membership programs, foundation and government funding, and special events.
- Directed all communications functions including organizational branding, website development and management, internal and external communications, and PR activities.

The Partnership for the Homeless, New York, NY
Vice President of Development and Communications, 2008 – 2009
Directed all fundraising and communications activities for leading nonprofit provider of services to homeless and at-risk individuals and families in New York City.

Make the Road New York, Brooklyn, NY
Development Director, 2005 – 2007
Managed all fundraising and communications activities for progressive nonprofit that advocates for and provides services to low-income immigrant families and youth throughout New York City.

Backlot Marketing Solutions, Scarsdale, NY
Marketing Consultant, 2004
Developed marketing strategies, market research, and associated marketing materials (print and multimedia) in collaboration with clients and advertising agencies. Clients included America Online Inc, as well as smaller New York-based firms.

American Red Cross of Greater New York, New York, NY
Senior Director, Health and Safety Services, 1996 – 2000
Managed all aspects of $3 million training unit (primarily First Aid, CPR and Aquatics education) with staff of 70 full- and part-time employees. Responsibilities included marketing, sales, budgeting, customer service, strategic planning, and program delivery.

Director, Direct Marketing, 1992 – 1996
Developed and implemented new individual donor fundraising program resulting in a 100% increase in income (over $1 million) in a two-year period.

Citibank, U.S. Card Products Group, Long Island City, NY
Assistant Vice President, 1987 – 1992
Managed large-scale ($3-5 million) marketing programs targeted to Citibank credit card customers. Responsibilities included marketing planning, creative development and production management.

EDUCATION

Bachelor of Arts, The Ohio State University, Columbus, Ohio.

CASEY EISENREICH | Manager, Operations | Urban Green Council

EXPERIENCE

Urban Green Council, New York, NY
Manager, Operations, 2022 – Present

- Manage all aspects of Urban Green Council finances including budgeting, cash flow, bookkeeping and reporting
- Oversee all HR operations including payroll, benefits, hiring and recruitment, staff training and intern management
- Lead and manage internal Diversity, Equity and Inclusion efforts, workplace culture and professional development efforts.

Bike & Build, Philadelphia, PA
Director of Operations & Development, 2018 - 2022

- Work effectively in a flat leadership structure with two co-directors
- Created and implemented annual budget ranging from $500-700k
- Created, tracked, and executed annual fundraising plans including corporate sponsorship, individual giving, grant and foundation funding
- Chaired Governance and Fundraising committees within Board of Directors, creating strategy and leading projects
- Managed day to day office operations, monthly bookkeeping, benefits and payroll processing, insurance policies, CRM management, and ensured compliance as a nonprofit.

Habitat for Humanity of Washington D.C., Washington D.C.
Assistant Site Supervisor, 2017 - 2018

- Managed 8 AmeriCorps members, daily volunteer groups and partner families on multiple construction sites each week, ensuring safety and completion of projects
- Assisted in coordination and communication with contractors, vendors, staff, and volunteers.

Habitat for Humanity of Fort Wayne, IN Fort Wayne, IN
Volunteer Coordinator, 2015 - 2017

- Managed and coordinated daily volunteer groups on various worksites throughout Northeast Indiana
- Ensured safety and completion of projects,

EDUCATION

Indiana University, Bloomington, School of Public and Environmental Affairs, Bloomington, IN
Masters of Public Affairs, Nonprofit Management, 2017

Emerson College, Boston, MA
Bachelor of Arts, Film & Television Production 2012

Manifest for Grant Application # GRANT13861280

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 31479 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16044 bytes)

2. Form SF424A-V1.0.pdf (size 22998 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40271 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15912 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23952 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37299 bytes)

Attachments Included in Zip File (total 16):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1245-Leigh_Resume.pdf application/pdf (size 143673 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1244-Honigstock_Resume.pdf application/pdf (size 128785 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1243-Halfnight_Resume.pdf application/pdf (size 108792 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1242-Eisenreich_Resume.pdf application/pdf (size 75601 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-Anjesky_Resume.pdf application/pdf (size 56472 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1249-Manley_Resume.pdf application/pdf (size 73671 bytes)

7. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-Urban Green Council 501(c)(3).pdf application/pdf (size 26826 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-Urban Green Council - Budget By Activity.pdf application/pdf (size 95389 bytes)

9. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1248-Schiabor_Resume.pdf application/pdf (size 49210 bytes)

10. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1247-McDermott_Resume.pdf application/pdf (size 59556 bytes)

11. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-RiseBoro Committment Letter.pdf application/pdf (size 409222 bytes)

12. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-NYCC Commitment Letter.pdf application/pdf (size 76247 bytes)

13. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1246-Mandyck_Resume.pdf application/pdf (size 59349 bytes)

14. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-MOCEJ_Letter of Commitment UGC.pdf application/pdf (size 112633 bytes)

15. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-Logic Model Attachment.pdf application/pdf (size 47345 bytes)

16. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-Final Project Narrative & Work Plan - Urban Green Council.pdf application/pdf (size 6805648 bytes)

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. EPA-R-OEJECR-OCS-23-01	66.306	$ 500,000.00	$ 74,811.00	$	$	$ 574,811.00
2.						
3.						
4.						
5. Totals		$ 500,000.00	$ 74,811.00	$	$	$ 574,811.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) EPA-R-OEJECR-OCS-23-01	(2)	(3)	(4)	Total (5)
a. Personnel	$ 265,045.00	$	$	$	$ 265,045.00
b. Fringe Benefits	91,440.00				91,440.00
c. Travel	5,075.00				5,075.00
d. Equipment	0.00				0.00
e. Supplies	8,025.00				8,025.00
f. Contractual	62,000.00				62,000.00
g. Construction					
h. Other	94,425.00				94,425.00
i. Total Direct Charges (sum of 6a-6h)	526,010.00				$ 526,010.00
j. Indirect Charges	48,801.00				$ 48,801.00
k. TOTALS (sum of 6i and 6j)	$ 574,811.00	$	$	$	$ 574,811.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. EPA-R-OEJECR-OCS-23-01	$ 74,811.00	$	$	$ 74,811.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$ 74,811.00	$	$	$ 74,811.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 203,357.00	$ 50,840.00	$ 50,839.00	$ 50,839.00	$ 50,839.00
14. Non-Federal	$ 57,850.00	14,463.00	14,463.00	14,462.00	14,462.00
15. TOTAL (sum of lines 13 and 14)	$ 261,207.00	$ 65,303.00	$ 65,302.00	$ 65,301.00	$ 65,301.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. EPA-R-OEJECR-OCS-23-01	$	$	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$	$	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges: 10% de minimis rate on $488,005 MTDC = $48,801 ID

23. Remarks: Allocation of indirect costs across federal and non-federal sources explained in budget narrative in Other Attachments.

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-Other Attachments_4.14.2023.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1236-Project Narrative Attachment Form_4.14.2023.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

Extreme Heat and Equitable Cooling: Exploring a Max. Indoor Temperature

Project location: New York City, NY, with a focus on North and Central Brooklyn
Urban Green Council | 55 Broad St, New York, NY 10004 | Contact: Christina Anjesky

Brief Description of Applicant Organization

The mission of Urban Green Council is to decarbonize buildings for healthy and resilient communities. We do this through consensus-building with a broad range of stakeholders combined with technical analyses to find actionable solutions. Then we educate for results. Current projects include designing an Equitable Buildings Fund in New York City (NYC) to fund energy-saving retrofits in low-income housing, exploring equitable electrification and grid-readiness, and providing green job mentorship to at-risk youth and on the job sustainability training to building operators and tradespeople.

Are you applying for the Small CBO Set Aside Track for $150,000 projects? No.

Project Abstract

Over three million New Yorkers live in the most heat-vulnerable community districts. Extreme heat is the deadliest climate hazard in NYC, causing on average 370 deaths each year, and climate change is making NYC summers hotter. Heat stress disproportionately affects Black, low-income and elderly New Yorkers, often due to a lack of cooling. Decarbonizing buildings through efficiency and electric heat pumps could bring efficient cooling to underserved communities.

Our project addresses these urgent public health and climate challenges by exploring the implications of a policy setting a maximum indoor summer temperature for residences – and the potential role for heat pumps in its implementation. We'll assess issues and opportunities through community engagement on research, data analysis and resident experience to illuminate health, technology, cost and regulatory impacts. The results will inform development of a max indoor temperature policy to mitigate heat-related deaths while speeding the transition to efficient, resilient and healthy homes for disadvantaged residents. As summer temperatures rise, all New Yorkers have a right to cooling – and we believe it can be clean, affordable and climate-aligned.

Activities include:

- **Research and data analysis** on extreme heat and prevalence of cooling;
- **Stakeholder convening** on the implications of a max indoor temperature policy;
- **Community research and engagement** on lived experience in EJ communities in North and Central Brooklyn;
- **Real-world data collection and modeling** to assess cost, energy, carbon and grid impacts across technologies;
- **Policy roadmap** on pathways to an effective max indoor temperature policy; and
- **Outreach and education** to disseminate findings across CBOs and others.

Project Types: Community and stakeholder engagement, monitoring, analysis, research, public education, job training
Special Considerations: Climate Change
Environmental Issue: Indoor Air Quality
List of Project Partners:

1. New York City Mayor's Office of Climate and Environmental Justice (Local Government)
2. RiseBoro Community Partnership (Low-income Community Development Organization)
3. New York Communities for Change (Community-Based Organization)

Will you need to develop a QAPP for your project? Yes.

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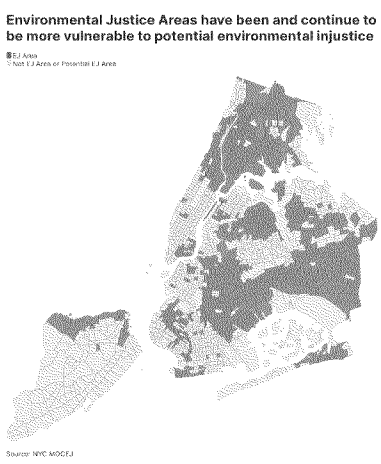
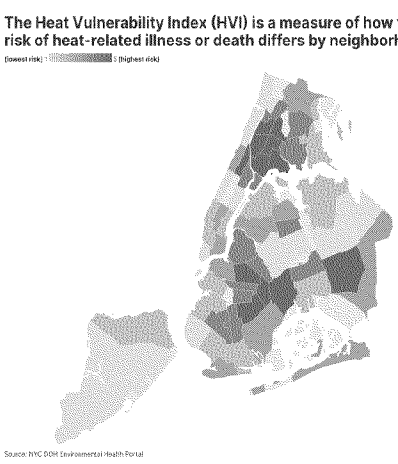
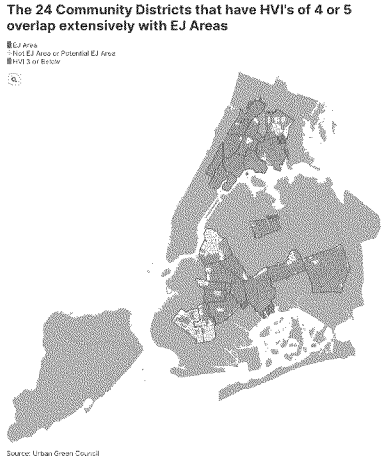
1.b. Environmental and public health information of the underserved community

1) Extreme heat is responsible for more deaths in the United States than any other weather-related event. In New York City, Black, low-income and elderly residents make-up a disproportionate number of heat-related deaths. Between 2000 and 2012, Black New Yorkers accounted for 49 percent of heat-related deaths, while only making up 22 percent of the citywide population. These communities suffer disproportionately primarily due to a lack of access to safe indoor environments during heat waves, structural racism and legacy of environmental racism.

The vast majority of heat-related deaths in NYC happen inside residential units without cooling. This is due to a lack of an air conditioner or the inability to pay for electricity. Multiple New York City neighborhoods, mostly clustered in north and central Brooklyn and the southern Bronx, have the deadly combination of urban heat island effect, lack of cooling, severe energy-cost burden and leaky buildings. We compared NYC's Environmental Justice Areas and Heat Vulnerability Index maps to identify the 24 community districts in NYC that are impacted disproportionately by extreme heat and environmental injustice.







These 24 Community Districts have a higher percentage of Black residents compared to NYC as a whole–35 percent versus 22 percent. And, the median age of the 234,000 residential buildings in these districts is 98 years old. Within these buildings there are more than 1.3 million residential units, most of which are rental units. Many of these same Community Districts also have some of the highest number of households without air conditioning, including Brownsville (central Brooklyn) with 18.3 percent of households lacking ACs compared to the citywide average of 9 percent.

Additionally, 33 percent of residents in these areas are *extremely housing burdened*, which means that renters spend 50 percent or more of their income on housing-related costs compared to 27 percent citywide. A recent study co-authored by NYC community-based organization WE ACT for Environmental Justice found that the primary reason residents don't use ACs is cost. Professor Diana Hernández refers to this dynamic as energy insecurity, to better capture how the inability to meet energy needs is tied to housing conditions, adverse health impacts and socioeconomic consequences.

These districts are also some of the most grid constrained areas when NYC peak power demand occurs in the summer months. Much of central Brooklyn, including Brownsville, were part of Con Edison's Brooklyn Queens Demand Management Program, to help relieve summer grid stress in these areas.

2) Extreme heat is already a major public health hazard in NYC. In 2022, there were 25 days at or above 90 degrees and 725 heat-related emergency room visits. And, climate change is set to bring hotter and longer heat waves that will stress the electric grid and continue to be disproportionately fatal to vulnerable residents. By 2050, NYC will have 2-3 times more days over 90 degrees and 2-4 times more heat waves. Additionally, extreme heat in many NYC neighborhoods is exacerbated by urban heat island effect, which can increase nighttime temperatures by 2-5 degrees.

Access to cool indoor environments is key to protecting residents from heat-related illness, but the energy needed to provide sufficient cooling to NYC residents will increase due to rising temperatures. Con Edison, the electric utility for most NYC residents, estimates that increases in cooling degree-days (CCDs) could increase summertime energy delivery by between 1.4-5.4 percent by 2050. At the same time, the New York State Climate Leadership and Community Protection Act requires significant reductions in energy demand by 2050 in order to reach the State's greenhouse gas reduction targets.

Old, leaky and unmaintained buildings make it more difficult to create safe indoor environments particularly during heat waves, and underserved communities in NYC disproportionately live in buildings with serious maintenance deficiencies like cracks and holes in the walls, ceilings and floors. These deficiencies need to be fixed through weatherization measures in order to provide energy efficient cooling to vulnerable residents, but this must be achieved without sacrificing building ventilation, which is needed to maintain safe indoor air quality.

3) This project aims to establish consensus and fill technical information gaps on an achievable pathway to increase access to cooling for underserved communities in NYC. We will build on previous community engagement and local policies, like NYCs Get Cool Program, to establish how a maximum indoor temperature policy can best reduce heat-related illness and increase resilience to the impacts of climate change in vulnerable communities.

Achieving these results will require diverse activities that target short, medium and long term outcomes. This includes direct collaboration with underserved communities to prioritize the most pressing public health hazards. For example, an evaluation of a recent AC deployment program by the City found that, "30% of seniors surveyed were not aware of any heat warnings issued by the City and did not perceive themselves to be at risk and many did not identify air conditioning as an important health protection strategy." In this example, communication initiatives designed with community members about extreme heat could deliver relief to vulnerable residents.

Other results will be tied to medium and long term outcomes such as policy recommendations to overcome complex regulatory barriers to equitable cooling access; and strategic deployment of efficient heat pump building retrofits. These interventions will benefit underserved communities by paving the way for permanent efficient cooling solutions that are consistent with climate change mitigation and resilience initiatives.

1.c. Organization's historical connection to the underserved community

(1) Urban Green's Involvement with Underserved Communities

The mission of Urban Green Council is to decarbonize buildings for healthy and resilient communities. We do this in four ways: We seek broad stakeholder consensus; we make the technical relatable; we create ambitious and actionable solutions; we educate for results.

Since our inception, Urban Green has brought together a broad range of stakeholders who are committed to advocating for efficient and healthy buildings as an important climate and health

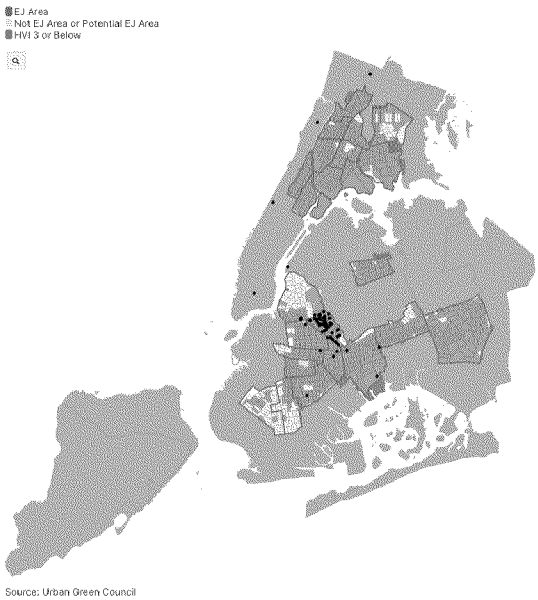
priority. Environmental justice and affordable housing groups are key partners and constituents in reaching this goal. **We have worked with a range of CBOs over the past five years on several NYC initiatives** including:

- Setting 2030 carbon reduction goals for buildings;
- Banning fossil fuels in new construction;
- Educating various stakeholders on environmental justice issues related to buildings;
- Establishing a mentorship program to bring disadvantaged youth into the building industry

For this RFA, we're defining the underserved community as heat-vulnerable residents in *Environmental Justice Areas* throughout New York City, and are collaborating with three past partners to establish consensus on the barriers and solutions to achieving a maximum indoor temperature policy that addresses extreme heat:

- The NYC Mayor's Office of Climate and Environmental Justice (MOCEJ), the key city agency directing the city's sustainability and EJ efforts;
- RiseBoro Community Partnership, a leader in efficient affordable housing in low-income communities. They manage over 1,800 units of affordable housing and have over 5,000 units in pre-development;
- New York Communities for Change (NYCC), a member-driven CBO focused on safe, healthy and sustainable neighborhoods.

Residential Buildings Managed or Owned by RiseBoro are Primarily in Heat Vulnerable and EJ Areas



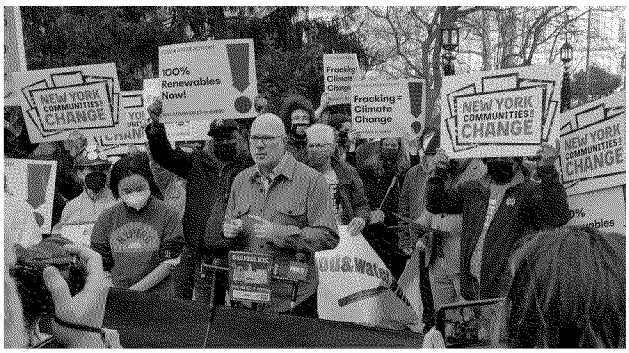
Source: Urban Green Council

(2) Our Work with CBOs in Addressing Local Environmental and Health issues

Urban Green has worked with a range of CBOs over the years to address critical decarbonization and environmental justice priorities in New York City. An impactful example is the 80x50 Buildings Partnership convened by Urban Green in 2017, which resulted in the passage of NYC's Local Law 97, the most ambitious building emissions legislation enacted by any city in the world. The Partnership set out to develop recommendations for the City of New York on the optimal policy design to reduce building energy use and meet the city's ambitious 2050 carbon reduction goals. Urban Green brought together more than 40 organizations to tackle the complex questions bearing on this challenge, and collaborated with community-based organizations representing underserved communities including WE ACT for Environmental Justice; New York Communities for Change; ALIGN: The Alliance for a Greater NY; NY League of Conservation Voters, and New York Working Families.

But passage of the law was only the first step. Urban Green played a crucial role in finalizing LL97 through official rulemaking and collaboration with allies including NRDC, NYCC, and WE ACT. The final rules for LL97 were released in December 2022, but a critical piece remains unfinished—how do we affordably retrofit housing in low-income communities and ensure that Local Law 97 drives investment in buildings? The **Equitable Buildings Fund** is the recommended path forward. Up to $200 million in annual fines for owners who fail to comply with LL97 could soon be flowing into the city's general fund – and much more in the next compliance period starting in 2030. Urban Green and allies including NRDC, the Regional Plan

Association, WE ACT, and the Association for Energy Affordability are building a policy campaign to spend that money on decarbonizing the buildings that house NYC's most vulnerable, such as public housing and affordable housing. **If we're successful, the fund will keep investment, jobs, and climate and health benefits in the NYC buildings that need it most and serve as a replicable model for other cities.**



< Urban Green Council CEO John Mandyck at December 2021 Gas Ban Rally at City Hall with EJ Partners.

Urban Green also played a pivotal role in passing Local Law 154 in December 2021, which phases fossil fuels out of new construction starting in 2024–and makes New York City the largest city in the world to mandate all-electric new buildings which improves local air quality, emits less carbon, and makes occupants more comfortable. Urban Green was instrumental in shaping and passing this law, which buttressed critical EJ initiatives including WE ACT's Gas Free NYC and NYCC's gas ban campaign. With our success on Local Law 154, we are working with a range of EJ allies to ensure that similar legislation is passed by New York State.

This proposal builds on our work advancing equitable electrification. In 2021, Urban Green did a deep dive into how electrification will impact NYC's electrical grid and found that winter power demand could grow by 42 percent before exceeding the current summer peak demand. With that in mind, we expanded our *Grid Ready* analysis to explore how increasing power demand from building electrification impacts the grid in environmental justice communities. We found that Environmental Justice Areas are dominated by smaller buildings that are easier to electrify but are served by lower-capacity power infrastructure. Building electrification policies and programs must ensure that resources and policy approaches consider vulnerable communities.

In keeping with Urban Green's prioritization of equity within all our programs, our June 2021 Conference, ***Climate, Equity and Health: No More False Choices***, took a critical look at the status quo that has often pitted these outcomes against each other rather than embrace all three. As part of our education work, we're developing the Rising Stars Program to provide training and mentorship to underserved communities. Entry points into green careers are difficult to find particularly for students from underserved communities. Urban Green—in partnership with Tremoco CPG Inc. and Riseboro —is developing a new mentorship program to support students along their professional journey. The cohort of Rising Stars students will consist of young people aged 16 to 24 from disadvantaged communities in Brooklyn.

(3) Community Driven Participation
Our partners have substantially contributed to the project plan as noted below, and will continue to collaborate on key deliverables throughout the project:

Urban Green was already in discussions with the **Mayor's Office of Climate and Environmental Justice** about issues relating to extreme heat in underserved communities. They acknowledged that this will be an area of increasing importance for NYC, and have helped shape the project plan to address the complex issues on how to implement a policy to protect people from high indoor temperatures. In addition, comparing heat vulnerability is a key part of the city's sustainability roadmap, PlaNYC.

RiseBoro Community Partnership's buildings team suggested "on the ground" techniques including heat sensors in tenant apartments to help get a real-world snapshot. They will also provide and analyze decades of energy and cost data for their portfolio. We are also working with Riseboro's tenant liaison to implement this program and conduct a tenant survey. RiseBoro will also be part of our education efforts, including training building operations staff on cooling solutions and community outreach on issues related to a maximum indoor air temperature.

Longtime collaborator **NY Communities for Change** (NYCC) brought a number of exciting aspects to the project including engaging their chapters in NYC on canvassing and/or other community information we want to gather; and working with the Mutual Housing Association of NY (MHANY) on tenant heat issues in addition to NYCC members. They will also help lead convenings on barriers and solutions to adopting a maximum indoor air temperature that brings benefits to underserved communities, and will be providing community outreach and education on short- and long-term solutions to extreme indoor heat in NYC.

1.d. EJCPS Model

The project partners will work together and with community members to employ the Environmental Justice Collaborative Problem-Solving (EJCPS) Model to achieve affordable, efficient, and resilient access to cooling to heat-vulnerable New Yorkers.

Our partners are motivated to carry out this work because elements of the EJCPS model are already underway. In particular, this project will build on completed work on **CPS Element 1 - Issue Identification, Community Vision, and Strategic Goal Setting.**

- As described in Section 1.c, research identifying particular climate vulnerabilities in New York City's EJ communities is the impetus for this project - including local climate-specific risks to New York City and disproportionate impacts.
- Studies by NYC Department of Health and Mental Hygiene, WE ACT for Environmental Justice, and researchers at Columbia University have demonstrated the disproportionate heat-related hospital admissions and mortality experienced by Black, low-income, and elderly residents. These same communities also face increased energy-cost burden when making a choice between turning on air conditioning and putting food on the table.
- A recent study evaluated NYC's recent window air conditioner distribution program which was focused on lowering heat risk in disadvantaged residents
- Policy recommendations from key community experts and stakeholders have called for policy solutions – including a maximum indoor heat temperature requirement. In particular, we will integrate the following Community Problem Solving (CPS) elements:

To build on this work, Urban Green Council, Riseboro, NYCC, and MOCEJ will utilize three core elements of the EJCPS model to carry out our project activities:

CPS Element 1 - Issue Identification, Community Vision, and Strategic Goal Setting

- Build on previous issue identification to connect the risks of extreme heat and lack of access to cooling to building typology, decarbonization, electrification and grid resiliency

CPS Element 4 - Multi-Stakeholder Partnerships and Leveraging of Resources

- Early on in the project, Urban Green, RiseBoro, NYCC, and MOCEJ will leverage our networks of EJ leaders, representatives of underserved communities, and industry experts to build a common understanding of the existing complexities for disadvantaged residents to access cooling - including energy cost burden, building work needed to accommodate

cooling technology, and the regulatory context governing the owner-tenant responsibilities for providing and paying for cooling.

- The consensus will inform a shared vision towards shifting perspectives of cooling as a right, not an amenity, and to use the decisions resulting from this consensus building exercise to inform the community/resident research and engagement activities of this project.
- To conduct the research, we will leverage the expertise and resources of our partners:
    - Riseboro has extensive building-level cooling energy efficiency data across their portfolio of affordable housing
    - NYCC has developed trust and established networks with communities and tenants in underserved communities, which will allow them to capture the lived experience of heat vulnerable residents through surveys and community meetings
    - NYC MOCEJ administered an AC deployment program during the COVID public-health emergency, and currently runs the Be a Buddy! - a community-led social resiliency program directed at heat vulnerable New Yorkers

CPS Element 5 - Constructive Engagement by Relevant Stakeholders.

- As a key partner in this project, MOCEJ will provide strategic guidance, participate and engage in multi-stakeholder convenings to directly hear input from the community on the needs of heat-vulnerable New Yorkers, and can help with interagency coordination relevant City agencies as appropriate for input and guidance (e.g., Dept. of Health and Mental Hygiene, NYCHA). MOCEJ will also play a key role once a policy roadmap is developed to take the recommendations from this work to help reach a maximum indoor temperature requirement in NYC.
- We will also engage other stakeholders in our network to provide expert knowledge and insights where appropriate such as; academic institutions on topics like energy affordability and heat-related health impacts; industry experts like heat-pump manufacturers and building design professionals; and building owners to understand the tenant-landlord complexities on installing, maintaining and paying for in-unit cooling.
- NYCC will be integral to communication and outreach to change perspectives around the idea of cooling as a right, not an amenity, among vulnerable residents.

1.e. Project linkages

Our project directly supports a number of objectives in EPA's Strategic Plan Goal 2, Take Decisive Action to Advance Environmental Justice and Civil Rights:

Objective: Demonstrate how the action is responsive to environmental justice concerns and reduces or otherwise addresses disproportionate impacts. Heat vulnerability, and associated deaths and hospitalizations disproportionately affect Black, Hispanic and low-income communities and is a top concern of ours and our partners, RiseBoro Community Partnership and New York Communities for Change, as well as NYC-based WE ACT and other CBOs. Our program directly addresses these disproportionate impacts and seeks a path to implementing a safe maximum summer indoor air temperature in NYC homes.

Promote environmental justice and civil rights at the local and regional level: Per the Region 2 2022 Climate Adaptation Implementation Plan under Vulnerable Populations, "low-income individuals are more likely to live in areas with the highest increases in mortality rates due to climate-driven changes in extreme temperatures." Our project directly addresses this concern and gives us an opportunity to work with the EPA at the regional level as well.

Objective: Provide for collaborative and meaningful involvement and fair treatment of communities with environmental justice concerns. As detailed in our Project Activities, our

initiative includes our partners in virtually every aspect of the program, from convenings, small group meetings, survey design, monitoring and evaluation, and outreach and education. We will be collaborating with other CBOs and stakeholders including government, local communities, academia and real estate to support equitable and healthy housing on the recommendations for an indoor max summer temperature for homes. In addition, our partner, Riseboro, is a leading low-income housing provider with expertise in resilient community development and designated tenant liaisons.

1.f. Description of partnerships and collaborations with partners

Convening and consensus-building is both a core competency and top priority of Urban Green Council. The success of our project is rooted in collaboration, as evidenced by 3 of our 5 key strategies noted in the abstract:

1. **Stakeholder convening to identify regulatory implications of a max indoor temperature policy:** Convenings will include our partners as well as representatives from tenant and EJ groups, city and state agencies, academia and more to identify issues around regulations, metering and utility bills; and offer recommendations to inform development of a max indoor temperature policy to achieve clean, affordable, efficient and resilient cooling for all New Yorkers. These convenings will occur at the beginning and end of the research period to share findings and refine our recommendations.
2. **Community/resident research and engagement on lived experience in EJ communities in North and Central Brooklyn:** Engagement through our partners will add lived experience to our understanding of how NYC residents access and experience cooling, to inform our analysis and engagement on how setting a max indoor temperature could affect New Yorkers. This input will shed light on behavioral, financial and health and comfort considerations relevant to cooling policy.
3. **Outreach and education to disseminate findings across NYC CBOs and others:** We'll share our findings on a max indoor temperature policy across NYC CBOs and other local agencies. To boost engagement, share knowledge and prompt dialogue, we will work with partners to create a community outreach campaign including simple factsheets, public programs and discussion sessions for a range of community-based organizations.

Our three partners (Letters of Commitment attached) were key collaborators in creating this proposal and will play a key role in its execution:

The Mayor's Office of Climate and Environmental Justice, City of New York

Through science-based analysis, policy and program development, and capacity building, MOCEJ leads the city's efforts to ensure that NYC is minimizing its contributions to climate change and preparing to adapt and protect New Yorkers from extreme weather and multiple climate hazards. MOCEJ work is centered on environmental justice, prioritizing the health and well-being of front line communities, and seeking to redress inequities.

Project role and Resources:

- Strategic guidance, assistance with interagency coordination, and other advisory support as needed to Urban Green and their project partners;
- Dedicated team member to support the development of policy recommendations and assist with interagency coordination;
- Work with Urban Green on the development and implementation of evaluation tools.

Compensation and vested interest: In-kind partner. Addressing heat vulnerability is a long-term priority of MOCEJ and will be part of NYC's next building sustainability plan (PlaNYC). This project will support MOCEJ goals with technical expertise and stakeholder engagement in addition to Be a Buddy, MOCEJ's community-based climate resiliency model.

RiseBoro Community Partnership
RiseBoro collaborates with community leaders, government agencies, and private investors in an effort to serve as a comprehensive housing, health, and services agency for poor communities. With a housing department staff of over 150 employees and 18,000 units of housing, and an agency staff of nearly 2,000, they have grown from a small community-based organization to one of the largest nonprofits in Brooklyn, and place a major focus on issues related to climate change and housing.
Project Role and Resources:

- Technical analysis of building data, including indoor summer temperatures and installation of sensors to assess the current quality of cooling;
- Lead tenant engagement, including community outreach;
- Engage in technical training (to be provided by Urban Green) on short-and long-term operations issues and solutions related to extreme summer heat.
- RiseBoro has unique and extensive data sets on multifamily energy use, including comparative data on buildings that have undergone heat pump retrofits.

Compensation and vested interest: RiseBoro will receive funding for these activities under this RFA, including costs for equipment (sensors), stipends, and other payments (staff time) in keeping with EPA Guidance on Participant Support Costs. As a community partnership that manages buildings, this project furthers RiseBoro's goals to provide safe, healthy housing to their residents and heat vulnerability is a top concern.

NY Communities for Change (NYCC)
NYCC brings neighbors together to build power and improve lives and communities. Through direct action, legislative advocacy, and community organizing and engagement, NYCC fights for a safe and healthy New York–including healthy homes– through its members base and 8 chapters in NYC.
Project Role and Resources:

- Community and stakeholder engagement on the regulatory landscape around summer indoor air temperatures;
- Engaging NYCC members and partner organizations through a community survey on summer heat in their homes;
- Collaborative convening on barriers and solutions to setting a maximum indoor air temperature in EJ communities to drive future city policies;
- Community outreach and education on short- and long-term solutions to extreme indoor heat in NYC.
- Engaging leadership and members to design and execute these program components in collaboration with Urban Green and other participants.

Compensation and vested interest: NYCC will receive funding for these activities under this RFA, in the form of other payments (staff time) in keeping with EPA Guidance on Participant Support Costs. This project furthers NYCC's work to promote safe and healthy communities and heat-related deaths are a major priority for the organization.

Sustaining Partner Relationships
Urban Green has already been working with these partners on a range of critical building sustainability issues over the last five years. RiseBoro and NYCC will continue to be a key part of the process as we move the City of New York through MOCEJ toward a safe and healthy indoor maximum temperature during increasingly hot summers. We will continue to engage these partners as we navigate other issues around equitable electrification.

2.a. Project activities

This project will explore the feasibility and implications of a policy establishing a maximum indoor summer temperature for residential spaces in New York City. In collaboration with our partners, Urban Green will assess this complex issue through many lenses, with real-world data, and with input from a range of community members, stakeholders and policymakers.

1. Assessing the threat: Research on extreme heat and the prevalence of cooling

We will conduct a literature review and synthesis of existing datasets on extreme heat, climate projections, energy affordability and the prevalence of cooling in NYC residences across different indicators. In particular, we'll focus on integrating insights on building typologies and systems, data not previously well considered and where Urban Green has significant expertise.

Key partner: NYC-MOCEJ

	Activity	*Result/Output*
1.1	Analyze existing data and studies on climate projections, heat mortality, vulnerability and energy affordability in NYC.	Comprehensive knowledge base to inform project activities.
1.2	Analyze existing data on prevalence of ACs and access to cooling, and pair with analysis of data on building types and systems.	New insights on the prevalence of ACs in NYC buildings and variance across building types, geography and demographics.
1.3	Create an online research brief with an accessible summary of key findings.	Online research brief with data visualizations to increase community and policymaker knowledge.

2. Shedding light on the rules: Collaborative engagement on the regulatory landscape

Requirements governing responsibility for cooling are complex. We will collaborate on small-group meetings or a multi-stakeholder convening to clarify owner and tenant responsibilities and issues relevant to cooling under different regulations and metering. Participants will include representatives from tenants, EJ groups, government and more.

Key partners: NYCC; NYC-MOCEJ

	Activity	*Result/Output*
2.1	Identify and invite stakeholders. Host and facilitate small-group meetings and/or multi-stakeholder convenings.	Generate engagement and input from a diverse group of up to 30 experts and stakeholders.
2.2	Draft a comprehensive outline of regulatory restrictions, metering configurations and utility bill responsibilities relevant to cooling.	Clarity on how policy and technology related to cooling affects tenants.
2.3	Review and finalize regulatory outline with stakeholders and experts.	Consensus matrix of owner and tenant responsibility for cooling under a range of regulations, metering and technology.

3. Engaging residents: Community survey on lived experience

Input from residents will add lived experience to our understanding of how NYC residents access and experience cooling. We will complement existing survey data with new input on experience with cooling – including experience with conventional ACs versus heat pumps among RiseBoro's tenants,

NYCC's members and/or NYCC's partner network. That lived experience will help shed light on behavioral, financial and health considerations relevant to cooling policy.

Key partners: RiseBoro Community Partnership; NYC-MOCEJ; NYCC

	Activity	*Result/Output*
3.1	Design resident survey in collaboration with partners.	Effective resident survey with novel questions on experience with cooling.
3.2	Administer survey to RiseBoro tenants, NYCC members, and tenants of NYCC partners like Mutual Housing Association of New York.	Engage approximately 1,000 residents through survey.
3.3	Assess and validate survey results, and integrate with findings from activities 1 and 2 to build representative cooling profiles of NYC residents.	Research brief with representative cooling profiles of NYC residents including access to cooling, vulnerability, building type, regulatory status and utility responsibility.

4. Engaging residents: In-unit data collection on experience with cooling

We will also work with approximately 40 RiseBoro tenants to install sensors to collect real-world, in-unit data related to experience of cooling and air quality. We plan to measure a series of variables for two cooling seasons across units with no AC, with window ACs and with heat pumps. Data will likely include temperature, humidity, noise, air quality, ventilation, energy use and power demand.

Key partners: RiseBoro Community Partnership; NYC-MOCEJ

	Activity	*Result/Output*
4.1	Design in-unit data collection study, including hardware, tenant outreach and incentive program.	Effective in-unit study with strong tenant engagement.
4.2	Administer in-unit data collection study over two cooling seasons, and assess and validate results.	Generate novel insights and a more granular portrait of experience of cooling.
4.3	Draft online research brief with accessible summary of findings and data visualizations.	Increased community and policymaker understanding of NYC apartments in summer in vulnerable areas, including novel health and quality of life data and differences across cooling systems.

5. Analyzing energy and cost: Data and modeling for conventional ACs and heat pumps

NYC's cooling policy must be aligned with affordability and decarbonization priorities, ultimately driving cooling that is affordable, clean, efficient and resilient. We will leverage RiseBoro's extensive data – including from multifamily heat pump retrofits – and building energy modeling to assess installation, operation and maintenance costs; power demand and energy use; and carbon impact across different cooling technologies such as window ACs and heat pumps.

Key partners: RiseBoro Community Partnership; NYC-MOCEJ

	Activity	*Result/Output*
5.1	Collect and assess existing data from RiseBoro's buildings, including pre- and post-heat pump retrofit.	Robust dataset spanning older retrofitted buildings, with novel focus on cooling.
5.2	Run building energy models to supplement measured data from RiseBoro's portfolio.	Building energy model results to inform, validate and augment real-world data.

5.3	Develop representative case studies assessing cost, energy, power demand and carbon impact across different cooling solutions.	Clear depiction of the cost, efficiency, power demand and carbon impacts of various technology options to deploy cooling for heat vulnerable NYC residents.

6. Charting policy pathways: Collaborative convening on barriers and solutions
With a foundation from activities 1 through 5, we will convene a wide range of community stakeholders, advocates, policymakers and industry experts with the dual aim of sharing knowledge and gathering input on how to achieve a maximum indoor temperature policy that prioritizes health and affordability while balancing citywide electrification goals. We may convene on multiple tracks – such as a tenant/resident track and an owner/manager track – to develop comprehensive recommendations.

Key partners: NYC-MOCEJ; NYCC

	Activity	*Result/Output*
6.1	Identify and invite participants, including a wide range of tenant advocates, community groups, EJ groups, city and state agencies, building managers and design professionals.	Generate engagement and input from a diverse group of up to 50 stakeholders.
6.2	Prepare convening materials, including draft presentations to share findings from activities 1 to 5 and discussion questions.	Create an effective foundation for engagement through increased stakeholder understanding of heat vulnerability and issues related to cooling.
6.3	Facilitate convenings, likely on multiple tracks, and develop a list of recommendations to inform a max indoor temperature policy.	Collaborative dialogue to reach consensus on barriers and solutions to achieve a max indoor temperature policy for NYC aligned with climate, affordability and EJ goals.

7. Finding a way forward: An actionable roadmap to a max indoor temperature policy
We will synthesize the outputs from activities 1 through 6 into a clear and compelling research and policy report. The report will provide an overview of heat vulnerability and access to cooling in NYC; share key data and findings from the project; identify issues around regulations, metering and utility bills; and offer recommendations to inform development of a max indoor temperature policy to achieve clean, affordable, efficient and resilient cooling for all New Yorkers. The output will help inform NYC policy development and anchor our ongoing outreach and engagement through non-lobbying activities.

Key partner: NYC-MOCEJ

	Activity	*Result/Output*
7.1	Draft comprehensive research and policy report, with findings, data visualizations and recommendations.	Integrated, cross-disciplinary and compelling summary of findings.
7.2	Review and edit the report with input from contributing advisors from a range of stakeholders.	Engagement in the final output from a broad range of stakeholders and integration of diverse perspectives.
7.3	Finalize and release the report, and support policy development through ongoing outreach and engagement.	Development of a new heat mitigation and access to cooling roadmap that identifies policies and programs for NYC, in

		alignment with decarbonization, affordability and grid resilience priorities.

8. Sharing the outcomes: Community outreach on a max indoor temperature policy
To boost engagement, share knowledge and prompt further dialogue, we will work with partners to create a community outreach campaign including simple factsheets, public programs, discussion sessions with a range of community-based organizations, and other avenues for knowledge-sharing and dialogue.

Key partners: NYC-MOCEJ; NYCC; RiseBoro Community Partners

	Activity	*Result/Output*
8.1	Collaborate with partners to design an outreach and education campaign.	Effective outreach campaign to engage a wide range of relevant stakeholders and communities.
8.2	Develop simple factsheets and public program events.	Public programs and factsheets that include a range of options to mitigate heat vulnerability in the short term and long term, as well as best practices to maximize efficient cooling.
8.3	Coordinate briefings and discussion sessions with other community-based organizations.	Promote collaborative engagement to increase knowledge across range of relevant CBOs and build buy-in on cooling solutions.

9. Boosting workforce capacity: Industry education and training
Building operators and superintendents are a crucial part of any cooling solution. To help move the market, we will develop a brief technical training on heat vulnerability issues and short and long-term solutions for operation and maintenance workers, including best practices to maximize efficiency and indoor air quality. We'll then work with our partners to deliver both online and in-person training at RiseBoro and through NYCC partners, but also with other training partners like Green City Force.

Key partners: RiseBoro Community Partners; NYCC

	Activity	*Result/Output*
9.1	Develop training curriculum for both in-person and online delivery, and integrate into Urban Green's Learning Management System.	Adapt findings to increase understanding of heat mitigation strategies among building managers and operators, including with best practices and policy solutions in place or in consideration.
9.2	Deliver training in collaboration with partners.	Improve practices for building cooling system maintenance to reduce indoor temperatures while maintaining safe IAQ with current and future technology.

2.b. Milestone schedule

The following is a high-level milestone schedule with the timeline for each numbered project activity corresponding to section 2a above.

	MILESTONE	DUE	Activity	Schedule	Year 1					Year 2				Year 3			
					4Q23	1Q24	2Q24	3Q24	4Q24	1Q25	2Q25	3Q25	4Q25	1Q26	2Q26	3Q26	4Q26
YEAR 1	1. Publish heat vulnerability research brief	2Q24	1.1	4Q23													
			1.2	1Q24													
			1.3	2Q24													
	2. Convene stakeholders and develop matrix of owner and tenant responsibility for cooling	2Q24	2.1	1Q-2Q24													
			2.2	2Q24													
			2.3	2Q24													
	3. Develop resident cooling profiles informed by survey data	4Q24	3.1	2Q24													
			3.2	3Q24													
			3.3	4Q24													
	4. Collect in-unit data on experience with cooling	4Q24 3Q25	4.1	2Q24													
			4.2	3Q24													
			4.3	4Q24													
YEAR 2	5. Create representative case studies assessing cost, energy, power demand and carbon impact across different cooling solutions	3Q25	5.1	4Q24													
			5.2	1Q25													
			5.3	3Q25													
	6. Facilitate multi-stakeholder convening	4Q25	6.1	2Q25													
			6.2	3Q25													
			6.3	4Q25													
YEAR 3	7. Publish report with roadmap to a maximum indoor temperature policy	1Q26	7.1	3Q-4Q25													
			7.2	4Q25													
			7.3	1Q26													
	8. Engage residents and CBOs through factsheets, programs and briefings	2Q26	8.1	1Q26													
			8.2	1Q26													
			8.3	1Q-2Q26													
	9. Deliver industry education and training	4Q26	9.1	2Q-3Q26													
			9.2	3Q-4Q26													

Activity
Milestone

2.c. Detailed budget narrative

Urban Green is submitting a funding request for $497,174 and has provided a detailed budget by activity to support this. Beyond Urban Green Council staff time, our budget includes partner funding and Urban Green training to design and/or execute critical aspects of this project and that leverage each organization's strengths:

RiseBoro: Beyond staff time for data collection and analysis, $42,555 is budgeted for installation of 40 Quant-AQ Modulair PM sensors recommended by their buildings team and associated wireless monitoring to reduce tenant disruption to collect real-world, in-unit data related to experience of cooling. Stipends will be available for tenant participation.

New York Communities for Change: $50,000 for high-quality engagement and outreach activities, including canvassing, town halls and community education in their 8 NYC chapters

Urban Green Outreach and Education: Urban Green puts a high value on thoughtful, well-designed educational materials for a range of audiences. We will tap in-house expertise and design consultants to ensure all our materials and training are user-friendly and accessible.

In addition, the **Mayor's Office of Climate and Environmental Justice**, an in-kind partner, will be assigning a team member for the 3-year period to support the development of policy recommendations, interagency coordination, strategic guidance and creation of evaluation tools.

3.a Environmental Results/Logic Model

Black, low-income and elderly residents living in EJ areas face disproportionate health risks due to extreme heat. Climate change will exacerbate the problem, and diverse activities are needed to address this public health hazard. Together with RiseBoro, NYC MOCEJ and NYCC, we have designed a project that targets short, medium and long term outcomes to reduce heat-related illness and deaths, and build climate resilience in underserved communities. Specifically, we will build consensus on barriers and solutions to achieving a max indoor temperature policy that aligns with decarbonization, affordability and grid resilience priorities.

Fortunately we are not starting from scratch. Existing research and programs on extreme heat include the MOCEJ-run Be a Buddy! Program and RiseBoro's extensive building-level cooling and energy data. We will use this foundation to further conversations and collaboration among diverse stakeholders, especially residents disproportionately impacted by extreme heat. Our team embraces collaborative-problem solving methods to achieve the project activities described in section 2.a, leading to the following environmental results:

Outputs

1. Publish a heat vulnerability research brief that synthesizes the existing data, policies and community engagement around this issue across NYC
2. Convene 30 stakeholders to build a matrix of owner and tenant responsibilities for cooling
3. Survey up to 1,000 residents in underserved communities to develop in-depth resident cooling profiles and better understand the challenges these residents face
4. Install sensors and collect data from at least 40 residential units on temperature, humidity, IAQ and other characteristics during the summer months
5. Create up to 5 case-studies assessing cost, energy use, power demand and carbon emissions for different cooling solutions
6. Host approximately 5 multi-stakeholder convenings presenting results and facilitating collaboration among up to 50 buildings professionals, EJ leaders, policymakers and other stakeholders to chart a path for achieving a max indoor temperature policy
7. Publish a report with findings and a roadmap for a max indoor temperature policy
8. Collaborate with 5-10 organizations that work in underserved communities to change attitudes towards viewing access to cooling *as a right* rather than a luxury
9. Develop and deliver 1-2 new industry trainings for building operations and maintenance staff on heat mitigation and cooling to promote safe and healthy living environments.

Outcomes

1. *Short term outcomes*

- Increase awareness of the disproportionate current and future public health risks facing underserved communities due to extreme heat
- Educate stakeholders on the connection between heat vulnerability, access to cooling, building maintenance and electric grid resiliency.
- Establish clarity on the complex regulations that govern owner and tenant responsibility for cooling, particularly in affordable housing
- Increase understanding of how NYC residents currently access cooling, including how this is impacted by health, financial and other constraints
- Increase understanding of NYC apartments in summer in vulnerable areas, including novel health and quality of life data and differences across cooling systems
- Clear depiction of the cost, efficiency, power demand and carbon impacts of various technology options to deploy cooling for heat vulnerable NYC residents

2. *Intermediate outcomes*

- Establish consensus on the barriers and solutions to achieving a max indoor temperature policy that is most impactful for underserved communities
- Develop a policy roadmap that details the steps to a max indoor temperature policy that aligns with EJ, decarbonization and grid resilience priorities.
- Change perspectives on access to cooling so it is viewed as a right instead of a luxury
- Improve practices and workforce capacity for building system maintenance that can reduce indoor temperatures during extreme heat events while maintaining safe IAQ

3. Long term Outcomes

- Reduction in heat-related illness among residents disproportionately impacted
- New policy mechanism that establishes a max indoor temperature for NYC's residential buildings while promoting affordability and decarbonization
- Deployment of efficient, resilient and affordable cooling in underserved communities, synchronized with overarching climate resiliency, building decarbonization, and EJ goals
- Increased energy efficiency in buildings while maintaining healthy IAQ
- Improved quality of life for underserved communities during the summer months
- Establish policy precedents to drive change in underserved communities across the country

3.b. Performance measurement plan

To track progress toward expected results, we will use a system of continuous monitoring and reporting on performance measures based on the project's outputs and outcomes, including:

- A designated team member to lead coordination of performance measurement activities;
- A regularly updated performance tracking document with key quantitative metrics for each project activity from the outputs and outcomes above and in the logic model (e.g. number of stakeholders engaged, residents surveyed, publications released, etc.), as well as additional metrics where helpful, such as number of page views and downloads for online resources;
- Recurring partner meetings for progress updates and to address issues in a timely manner;
- Annual review of project performance with all partners;
- Solicitation of direct feedback incorporated into resident, community and stakeholder engagement, including short surveys following convenings or outreach activities; and
- Qualitative assessment of impact on policy development over time, including revisions to programs, policies and regulations related to heat mitigation and access to cooling.

3.c. Sustainability plan and community vision

Climate change is projected to cause more frequent, longer-lasting and intense heat waves in NYC over the coming decades. Disadvantaged communities already experience a disproportionate amount of heat-related illness and death as a result of today's extreme heat, primarily in apartments without air conditioning. Without action to increase access to cooling, those impacts will lead to increased morbidity and mortality of our most vulnerable residents.

New York City government has a long-term sustainability plan to mitigate climate change through decarbonization and to adapt to protect residents from extreme heat – and residents have a vested interest in this project because their lives and livelihoods are at stake in the face of climate impacts. NYC government is also elevating heat mitigation in its current sustainability plan and calling for increased CBO engagement in policymaking on this issue, including exploring regulations requiring landlords to provide tenants with cooling. CBOs are also increasingly focusing on heat mitigation as a priority issue, including organizations like WE ACT and the NYC Environmental Justice Alliance. This project is designed to meet these community

needs, to collaboratively build on the great work of partner organizations to date, and to leverage increasing NYC government focus on solutions that align health, equity and climate.

This project's vision is to dislodge the idea that cooling is a luxury, and instead shift perspective to view access to cooling as a necessary right for vulnerable New Yorkers – as much as heating in the winter. This shift, and a roadmap for the complexities of a maximum indoor temperature requirement for residences, will be a major step toward broader community goals around heat mitigation. Prioritizing pathways that deliver *affordable* access to cooling for low-income New Yorkers and where possible merge solutions that simultaneously help meet citywide decarbonization goals, will help catalyze community action and create replicable solutions for other jurisdictions toward affordable, efficient, and resilient cooling as a right.

4.a. Organizational experience

The mission of Urban Green Council is to decarbonize buildings for healthy and resilient communities. As a thought leader, convener, technical expert, policy advocate, educator and communicator, Urban Green's imprint can be seen on virtually all of New York City's major building sustainability efforts in the last 20 years.

- We **convene** to drive consensus-based recommendations, tapping our extensive network of stakeholders to advise and guide us on research priorities, policy development or meeting market and community needs through education.
- We **research** solutions that drive conversations and inform policy on critical building science issues such as electrification, energy efficiency, building envelopes, and large-building retrofits. We work extensively with the country's biggest benchmarking dataset—giving us an unparalleled understanding of the city's building systems and their energy and water use.
- We successfully **advocate** for effective policy solutions, resulting in over 90 policy and legislative changes that have already contributed to substantial energy reductions in NYC and set a new standard for sustainability policy nationally and globally.
- We **educate** building professionals in every sector – real estate, design, construction, and operations. Our educational programs have reached over 47,000 people through industry-leading courses, presentations, conferences, and workshops.

Most recently, our work was vital to shaping cutting-edge policies such as NYC's groundbreaking emissions legislation and the all-electric new buildings law. Urban Green collaborated with a number of environmental justice groups to bring these laws to fruition including WE ACT for Environmental Justice; New York Communities for Change; ALIGN: The Alliance for a Greater NY; NY League of Conservation Voters, and New York Working Families.

In terms of infrastructure, our key program teams are Research/Policy and Education, with Communications substantially supporting these functions. We're fortunate in that our resources go well beyond our staff of 14; our supporters and allies regularly provide pro bono advice and analysis, serve on advisory committees, and participate in our educational events. We will regularly tap this network for collaboration and guidance as part of this proposal.

We also have robust internal management systems and controls for a relatively small organization, including constituent management and goal tracking in Salesforce, detailed financial and operating procedures, and outside CPA and Auditing services to ensure we're adhering to industry best practices.

4.b. Staff experience/qualifications of project manager

The project manager will be Senior Director of Research and Policy, Chris Halfnight, who currently directs all of Urban Green's research and policy convenings and work product. Chris led Urban Green's 80x50 Buildings Partnership, a 40-expert collaboration to shape an energy

performance policy for NYC's large buildings. He was lead author of the Partnership's report, *Blueprint for Efficiency*, which shaped NYC's Local Law 97. Chris has led many convenings, including 2018's *Going Electric*. He has also led many publications and webinars to educate the market on building decarbonization laws, policies and practices. Chris is currently leading a convening for the Department of City Planning (DCP) to help integrate recommendations from our *Zone Greener* report into Mayor Adams' City of Yes: Carbon Neutrality, an initiative to modernize zoning to support climate goals. Chris has collaborated extensively with many environmental and EJ groups on policy development, including WE ACT, NYCC and ALIGN. He also has deep expertise in New York City and State climate policy for buildings and was appointed to the NYC Energy Code Committee, a Local Law 97 Advisory Board Working Group, and Mayor Adams' 26-member NYC Sustainability Advisory Board.

Supporting Chris will be Research Manager Adam Schiabor, who brings deep knowledge of NYC's benchmarked buildings dataset, and an understanding of the relationship between environmental justice communities and the city's electrical grid. Adam led Urban Green's analysis for the recently released *Equitable Electrification*, an exploration of grid readiness through an environmental justice lens, and will lead our data analysis and visualization.

Policy Manager Danielle Manley will lead convening and stakeholder engagement. Danielle manages advocacy, collaboration and outreach on building decarbonization, electrification and equity to meet NYC and NY state climate targets. She is currently co-leading our convening on NYC's zoning changes for carbon neutrality with the Dept. of City Planning. Her deep background in NYC climate science and extreme heat impacts comes from past work as project manager for the 2019 New York City Panel on Climate Change Report and co-author of its Extreme Temperatures, Heavy Downpours, and Drought chapter.

Our education efforts will be led by Senior Education Director Ellen Honigstock, who created Urban Green's signature training including GPRO, a national green building certificate program, 2020's Energy Code training in NY State and Coop/Condo Energy 101 Workshops for residents and board members of multifamily buildings. CEO John Mandyck will provide executive oversight and HVAC expertise from 25 years at United Technologies Company.

4.c. Expenditure of awarded grant funds and plan for compliance with EPA pre-award compliance review for non-profit organizations

Urban Green is confident we have adequate financial controls, systems and procedures in place to comply with EPA's Pre-award Compliance Review for Nonprofit Organizations, and are prepared to submit EPA Form 6600-09 if we receive an award.

5.0 Past performance

Urban Green has not received federal funding, but received the following grants in the past three years:

2022: Energy Foundation, $125,000
2022: Schmidt Family Foundation, $75,000
2021: Energy Foundation: $150,000
2021: New York Community Trust: $100,000
2020: Energy Foundation, $150,000

6.0 Quality Assurance Project Plan (QAPP): Yes we will need to develop a QAPP.

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM | FUNDING NO. EPA-R-OEJECR-OCS-23-01

URBAN JUSTICE CENTER: STREET VENDOR PROJECT: ENVIRONMENTAL JUSTICE FOR VENDORS BY VENDORS

Project Summary Page

Project Title: Environmental Justice for Vendors, by Vendors

Project Location: New York, NY

Applicant Information: Urban Justice Center (Street Vendor Project), 40 Rector Street, 9th Floor, New York, NY 10006

Brief Description of Applicant Organization:
The Street Vendor Project (SVP) is a membership-based project of vendor members who are working together to create a movement for permanent change. SVP advocates on behalf of vendors, provides a forum to share knowledge, and plans collective action to ensure vendors' voices are heard. SVP publishes reports and files lawsuits to raise awareness about vendors and the enormous contribution they make to the City of New York. SVP is part of the Urban Justice Center, a non-profit organization that provides legal representation and advocacy to various marginalized groups of New Yorkers.

Are you applying for the Small CBO Set Aside Track for $150,000 projects? NO

Project Abstract:
SVP seeks EPA funding to continue to advance the **"Environmental Justice for Vendors, by Vendors" (EJVV)** project, which intends to improve the lives of street vendors in New York City and other residents by helping vendors shift from gas-powered generators to clean energy alternatives in order to protect their health, reduce environmental pollutants, and fortify their financial health. EJVV will accomplish this by executing three parallel tasks that are bold in scope but build on existing momentum and benefit from the support of expert local partners:

1. *Collaborative prototype design process.* SVP will steward a collaborative process to prototype a flexible, adaptable, battery-powered street food cart.
2. *Health impact assessment.* EJVV will oversee a health impact assessment (HIA) that screens potential City and State policies designed to change vendor behavior and increase the adoption of clean power alternatives (for example, battery subsidies). The HIA will include an air quality monitoring effort.
3. *Environmental justice collaborative problem-solving forums.* SVP and its partners Center for Zero Waste Design and Tri-State Transportation Campaign will design and convene inclusive groups to tackle parallel challenges facing vendors as they transition to battery-powered carts: a need for coordinated sustainable waste management policy and infrastructure, a need for commissary electrification, and a need for on-street grid connection for operating vendors.

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Project Type(s):
Air quality monitoring, waste management improvement, clean energy and electrification technology prototyping, Health Impact Assessment, public awareness campaigns, coalition-building and expansion.

Special Considerations:

- *Health Impact Assessment* – SVP plans to execute an HIA to evaluate the potential beneficial health impacts of City and State policies designed to support the adoption of rechargeable batteries or alternative clean power technology by vendors.
- *Climate Change* – As New York City works to reduce its greenhouse gas emissions from buildings and vehicles, street vending carts should be included in this transition. Vendors will need to shift from gas- and diesel-powered generators to rechargeable batteries and potentially grid connection.

Environmental Issues:
Street vending presents environmental issues related to air quality, as gas generators are used to power the electrical needs of the cart – spewing noxious pollutants into the air. The associated food and utensil services present a problem for waste collection, and moving towards compostable or reusable utensils and packaging can help divert waste from landfills.

List of Project Partners:

1) Center for Zero Waste Design (Non-Profit). Scope: Convening collaborative problem-solving stakeholder groups and advising on sustainable waste management.
2) Tri-State Transportation Campaign (Non-Profit). Scope: Convening collaborative problem-solving stakeholder groups focused on electrification infrastructure in vending commissaries and on-street for vendors.
3) Nixon Peabody LLP (Legal Industry). Scope: Protecting street vendor/manufacturer ownership of intellectual property.

**SVP has relationships with local universities and non-profit organizations with the capacity to structure and perform air quality monitoring experiments. SVP will formalize a partnership and subaward with an air quality monitoring partner during the pre-award period.*

Will you need to develop a QAPP for your project?
YES

Environmental and Public Health of Underserved Community

Nearly 20,000 New Yorkers make a living selling from tables, carts, and trucks on the streets and sidewalks of New York City. Most of these vendors are immigrants and people of color, and many are U.S. military veterans. A survey conducted by the SVP found 43% of vendors are of Middle Eastern or North African descent and 32.5% identify as Hispanic/Latino(a/x). These vendors often sell fresh and prepared food and snacks and other goods. Street vending provides a low barrier to entry for people with limited educational attainment, lack of English fluency, or who require more flexibility to support their families.

These vendors work long shifts while exposed to the elements, directly exposed to the high levels of air pollution. Operating a mobile food cart requires the use of a gasoline-powered

generator, which releases harmful pollutants like particulate matter (PM2.5), carbon monoxide (CO), and nitrous oxide (NOx). Street vendors face prolonged exposure to these contaminants on top of cooking, propane, and outdoor vehicular emissions. In other contexts, the immediate surroundings of street vending carts have the highest levels of PM2.5 compared to other types of urban environments, which could subject vendors to enhanced health complications.[1]

Poor regional outdoor air quality compounds vendors' exposure to local generators and cooking emissions. According to the EPA's EJScreen tool, residents of New York City are above the 59th percentile for exposure to Particulate Matter 2.5 (Figure 1) and within the 95th-100th percentile for Diesel Particulate Matter exposure (Figure 2), New Yorkers are in the 95th-100th percentile for health risks from exposure to air toxics (Figure 3).

When they are not working, street vendors are more likely to live in neighborhoods the EPA classifies as "environmental justice" areas of concern such as the Bronx and East Brooklyn. These neighborhoods have a higher share of residents who are people of color, low-income, non-English speaking, and who have worse access to healthcare. Furthermore, New Yorkers who are of color, low-income, or non-English speaking—characteristics that are highly prevalent for street vendors—tend to experience greater environmental burdens than members of the general population. For example, New York City scores in the 78th percentile for the Particulate Matter 2.5 Environmental Justice Index, but the index reaches significantly higher percentiles in neighborhoods where vendors are more likely to live (Figure 4). This same pattern of spatial inequity plays out in the Diesel Particulate Matter Environmental Justice Index (Figure 5) and for the Air Toxics Respiratory HI Environmental Justice Index (Figure 6).

Problem summary: environmental/public health issue(s) that the project seeks to address:
"Environmental Justice for Vendors, by Vendors" seeks to help address the harmful levels of air and noise pollution that street vendors are exposed to on a daily basis due to (i) their close proximity gas-powered generators to power their carts and cooking compounded by (ii) their exposure to severe ambient pollution in New York City and (iii) their lower likelihood to have adequate access to healthcare to manage the effects of chronic exposure to these environmental hazards.

Goal summary: environmental/public health results the project seeks to achieve, and benefits for the underserved community.
"Environmental Justice for Vendors, by Vendors" seeks to reduce or eliminate the levels of greenhouse gasses emitted from gas-powered generators used in mobile street cart vending, an action which could lead to improved long-term respiratory health outcomes for vendors and potentially help advance public health and environmental goals citywide. Additional benefits for the underserved population of vendors could include reduced operating costs over time (e.g., long-term cost savings associated with batteries compared to generator/fuel costs over time).

Section V Factors: The "Environmental Justice for Vendors, by Vendors" project relates to "climate" and "health impact assessment" factors noted as priorities or under special consideration by the EPA.

[1] Zhang et al., Aerosol and Air Quality Research, 17: 2235–2246, 2017

Environmental Justice and Health EJSCREEN Data for New York, NY (2023)

Figure 1: PM 2.5 Level

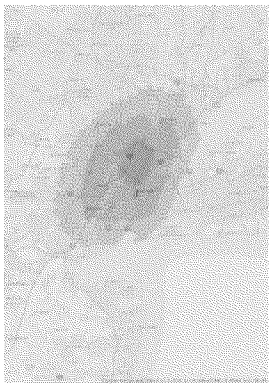


Figure 2: Diesel PM Level

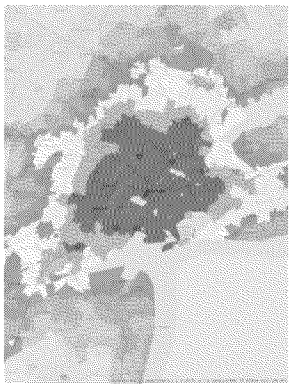


Figure 3: Air Toxics Respiratory HI

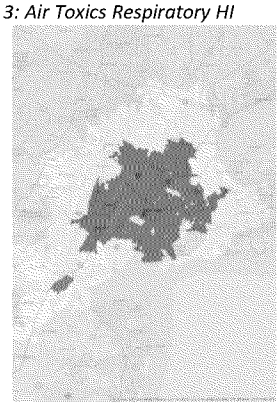


Figure 4: PM 2.5 EJ Index



Figure 5: Diesel PM EJ Index

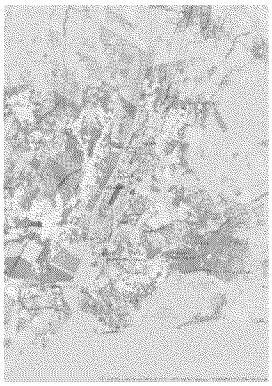
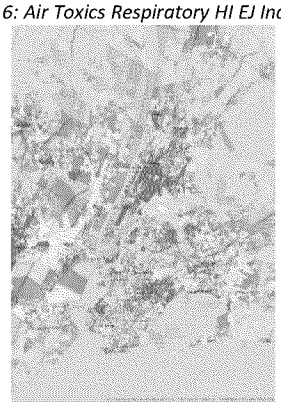


Figure 6: Air Toxics Respiratory HI EJ Index



Organization's Historical Connection to Underserved Community

History of SVP: The history of SVP's involvement with the underserved community, including the duration of involvement and circumstances that led to SVP's involvement.

The Street Vendor Project was created in 2001 as an initiative of the Urban Justice Center to protect and promote the rights of vendors who sell food and other goods in the public realm. It began as a means to collectively organize and advocate for the needs of New York City's street vendors – especially in legitimizing their role in the City's economic landscape. The Street Vendor Project's initial work started to combat harassment from law enforcement and to advocate for an increase in the number of permits available from the City. The lack of available permits often forced vendors to rely on the underground market and left them vulnerable to harassment, fines, and sometimes arrest. This created economic harm to populations that are among the most vulnerable in New York City.

Through direct legal representation, small business development training, grassroots organizing, leadership development, and strategic legislative advocacy, SVP builds power and community among vendors. Members hold collaboratively planned activities to educate fellow street vendors on their legal rights and connect them with resources to sustain and grow their

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enterprises. The organization also advocates to governmental bodies for policies that will improve vendors' circumstances and increase their economic opportunity.

Due to SVP's advocacy and collective action, New York City recently increased the number of vendor permits for the first time in over forty years, allowing up to 4,000 additional vendors in the next 10 years to legitimize their businesses and avoid the high costs and uncertainty inherent in the underground market for permits.

History of SVP's work with the underserved community's residents to address local environmental and public health issues and the results of that work.
The organization began the "Environmental Justice: For Vendors, by Vendors" program in January 2021 to reduce energy consumption and emissions of greenhouse gases and pollutants from vending carts, help vendors adopt waste management practices to reduce solid waste and maximize use of recyclable and compostable items, and integrate street vendors in municipal planning efforts on urban resilience. SVP undertook this environmental justice project in three steps: a survey on a sample of vendors' green practices, a landscape analysis of alternative energy solutions for vendors, and a multi-disciplinary design lab that integrated findings and articulated goals for next-generation green vending technology and practice. These findings culminated in a pilot program for vendors to determine the suitability of battery technologies on their carts. The initial pilot feedback received has been positive, with vendors expressing interest at a scale that SVP currently does not have capacity for. This application is a momentous opportunity to build off of the tangible impacts we have had so far.

Community Driven Participation: How the underserved community's residents were involved in developing the current project plan and are part of the decision-making process.
Members of SVP were included throughout the planning and engagement components of the Street Vendor Project's programs and initiatives, including the Environmental Justice: For Vendors, by Vendors program. Two-hundred street vendors were surveyed to understand their current energy and waste needs and their environmental sustainability and health concerns. Street vendors were represented on EJVV's stakeholder coalition that informed the design and research behind the pilot program, and participated in the pilot to understand the suitability of using batteries to power their cart operations.

Environmental Justice Collaborative Problem-Solving Model

SVP believes that the EJVV planned scope of work will benefit from all seven (7) elements of the EPA's collaborative problem-solving (CPS) model.

1. Issue identification, community vision, strategic goal-setting	As described above, SVP completed issue identification and goal-setting with members and stakeholders In 2020 and 2021. EPA funding will allow further issue identification, visioning, and goal-setting around longer-term challenges: sustainable waste management, commissary electrification, grid connection.

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2. Community capacity-building and leadership development	The HIA will enable "citizen science" that puts air quality monitoring data and health information in the hands of vendors. And educational materials for vendors will empower them with the technical knowledge to navigate clean energy options.
3. Consensus-building and dispute resolution	SVP has played the role of consensus-builder among vendor members since its founding in 2001. In addition, SVP believes that members of the EJVV Coalition can convene on an ad hoc basis to serve as a neutral facilitator, mediator, or fact-finder.
4. Multi-stakeholder partnerships and leveraging of resources	EJVV has consistently leveraged multi-stakeholder partnerships. With EPA funding, SVP intends to expand the EJVV Coalition and convene more stakeholder groups: to prototype a battery-powered cart and suggest solutions to long-term challenges.
5. Constructive engagement by relevant stakeholders	The EJVV convenings noted above and below will specifically involve government, industry/business, academic, and civic/advocacy organization stakeholders.
6. Sound management and implementation	SVP's EJVV Project Director and full time Project Manager will manage all collaborative problem-solving processes funded.
7. Evaluation, Lessons Learned, and Replication of Best Practices	SVP will embrace a commitment to self-evaluation and stakeholder evaluation. One example of this is iteratively sharing in-draft materials with convened stakeholder groups to keep the development of recommendations transparent and inclusive.

Project Linkages

Environmental Justice For Vendors, by Vendors will promote environmental justice and civil rights for a marginalized population that is in some ways invisible in plain sight in the nation's largest city. Street vendors provide critical services while enduring prolonged exposure to harsh air and noise pollution. The project scope includes vendor and public education campaigns that will equip street vendors with information to highlight their increased exposure to harmful emissions from diesel generators, how their exposure might be mitigated through actions like battery-power replacement, and what potential benefits might exist by taking these actions. Meaningful engagement is built in throughout the battery prototype evaluation process, ensuring that a successful prototype serves the needs of vendors effectively.

Partner and Collaborate

Partnership and collaboration across sectors is at the core of Environmental Justice for Vendors, by Vendors. As described in the project activities and milestone schedule section below, EJVV activities funded by the EPA will convene stakeholders from the street food vending industry, academia, transportation and public realm advocacy communities, city and state government, and other sectors to guide prototype design and articulate solutions to long-term problems with air quality and access to electrification for vendors. In addition to cross-sector forums, EJVV will rely on the following core partners to advance specific parts of our approach.

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Center for Zero Waste Design (Non-Profit 501c3)
Role: Convene collaborative problem-solving focused on sustainable waste management; develop vendor-facing educational materials; research best practices on policy and programs to drive sustainable waste management behavior; advise on prototype development.

Rationale: The Center for Zero Waste Design (the Center) has been involved in EJVV since late 2021 as a member of the EJVV Coalition. Previously, the Center worked with graduate students in NYC to sketch theoretical waste management concepts for street carts and commissaries. Moreover, the funds will be an avenue to advance their advocacy and research work generally. The Center's other related projects on food waste reduction in NYC includes composting, recycling, reusable/compostable equipment advising projects for major residential and commercial buildings as well as parks and open spaces.

Resources: Clare Miflin, project manager, as well as a support staff will bring to bear years of experience designing reduced and zero waste processes in New York City.

Proposed Subaward: $11,420

Tri-State Transportation Campaign (Non-Profit Civic Organization)
Role: Convene collaborative problem-solving focused on electrification infrastructure in vending commissaries and on-street for vendors.

Rationale: The Tri-State Transportation Campaign (TSTC) and Street Vendor Project have a long collaborative relationship. They most recently collaborated on a 2021 RFP response to the Design Trust for Public Space in NYC; the proposal sought to develop model design guidelines to electrify street carts via street charging. TSTC is motivated to pursue this work because it is linked to the intersection of transportation infrastructure and an inclusive public realm for all.

Resources: TSTC will bring their facilitation expertise as well as relationships with relevant transportation policy decision-makers, including stakeholders at NYC Dept of Transportation.

Proposed Subaward: $38,005

Nixon Peabody LLP (Private Law Firm)
Role: Protect street vendor/manufacturer ownership of intellectual property.

Rationale: Nixon Peabody has previously provided pro bono legal services to the Street Vendor Project. Their legal expertise has supported SVP and UJC's strategic use of litigation as a means of securing workers rights for underserved street vendors. Nixon Peabody understands the aims of EJVV and is enthusiastic about continuing to support progress.

Resources: Nixon Peabody will provide legal patent expertise to prototype design participants.

Proposed Subaward: N/A

Note regarding partnership for Air Quality Monitoring
SVP is developing relationships with universities experienced in air quality monitoring. In 2023, SVP met with air quality expert professors and practitioners at the Massachusetts Institute of Technology Senseable Cities Lab, New York University, and the Columbia University School of Climate. Although SVP has not incorporated a specific subaward in its grant application, SVP

intends to continue to develop these relationships in 2023 to solicit advising and guidance on air quality monitoring experiment design, supplies selection, effective calibration, and data analysis. SVP has reserved $40,000 to support guidance and implementation support on air quality monitoring in its application budget; if this assistance must come from a for-profit business, SVP will procure that business in accordance with 2 CFR 200.

Note regarding Collaborative Prototype Design

SVP has allocated $10,000 in participant support costs to incentivize up to two (2) cart manufacturers to meaningfully participate in the prototype design process by attending several meetings in a year with the participants and sharing their expertise on current cart specifications. Smaller stipends will go to up to two (2) vendors who provide insight on vendor needs and commentary on evolving prototype designs.

Project Activities and Milestone Schedule

The Street Vendor Project has detailed the scope of project activities proposed over the three-year grant term. Although specific tasks and subtasks include timing, SVP has enclosed a summary schedule at the end of this section.

Pre-award Activities

Upon notice of award and execution of a grant agreement with EPA, SVP and the Urban Justice Center will conduct the following pre-award activities to ensure successful and complaint project initiation in Nov 2023:

- Complete Quality Assurance Project Plan (QAPP).
- Complete all additional required EPA administrative forms.
- Recruit and onboard the full-time EJVV Project Manager, who will be supervised by Mohamed Attia as Project Director.
- Expand, reconvene, and update the existing EJVV Coalition, a diverse group of stakeholders including vendors, commissary owners, advocates, technical experts, academics, representatives of financial institutions, non-profit workers, and others who since 2021 to volunteer their time and knowledge to helping advance the EJVV project toward a vision of clean, safe, healthy, and economically empowering street vending.

Task 1. Street Cart Battery-Powered Collaborative Prototyping Process

Goal: Convene vendors, commissary owners, cart manufacturers, technical experts, sustainable waste management experts, and other stakeholders to collaborate on a detailed prototype design for an affordable, battery-powered cart that could be owned and operated by vendors. The process will produce a single flexible prototype adaptable to a variety of cooking uses.

Approach:

Grounding Analysis. Nov 2023-Jan 2024 (3 months).

- *Confirm assumptions.* Update a landscape analysis completed in summer 2021 and update a 2022 analysis of the electrical power needs of various typical street carts in New York City. The 2021 landscape analysis documented the current leading approaches

to street food cart alternative energy and clean energy approaches, including battery power, solar power, grid connection, and renewable propane. This landscape analysis, completed with the support of a NYC-based consulting firm, determined that rechargeable batteries presented the most practicable, affordable, and impactful near-term solution for street cart electrification. The 2022 analysis estimated the power needs (in kW and kWh) for three actual street carts operating in New York City, a sample determined to be broadly representative of mid-sized street carts operating citywide. The grounding analysis will confirm the conclusion of the landscape analysis and elaborate the 2022 typology analysis into a set of specifications for the desired prototype. The specifications will include minimum power needs, duration of vendor shift(s), maximum time available to recharge batteries, desired battery weight, cart maneuverability, and other variables.

- *Confirm landscape of electrification and clean power efforts.* Review precedent and current street food cart electrification efforts, including desktop research, patent review, and outreach to cart designers based in the U.S. A consulting firm completed a high-level scan for precedents in 2021, but the EJVV Project Manager will undertake a more thorough analysis. SVP's partner Nixon Peabody will support patent review pro bono.
- *Chart a legal pathway to shared ownership.* SVP's partner Nixon Peabody will lead the determination of the possible legal pathways for a group of collaborators to equitably share the intellectual property rights generated through the EJVV process, in form of a patent and other arrangements.

Partnership Building and Expert Procurement. Jan-Mar 2024 (3 months).

- *Build team.* Build a flexible team of core prototype design and implementation partners. Although SVP expects to refine this list based on feedback from the EJVV community coalition and EPA, SVP anticipates the following team elements: (i) 1-3 vendors, (ii) 1-2 cart garage (commissary) owners, (iii) 1-2 cart manufacturers, and 3-5 pro bono technical experts with backgrounds in electrical engineering and sustainable waste management. As discussed in **Budget** under **Other Attachments**, SVP will provide modest stipends to 1-3 participating vendors and 1-2 cart manufacturers allocated under "Participant Support Costs" to honor their extensive contributions to prototyping.
- *Procure technical expert.* Competitively procure, in compliance with 2 CFR 200, one (1) dedicated technical expert with a background in electrical engineering to provide expert guidance, electrical engineering analysis, and design and mockup services to the collaborative team during the prototype development process. SVP will make special efforts to reach disadvantaged business enterprises (DBEs).

Prototype Design Process. April 2024-Mar 2025. (12 months).

- *Convene stakeholders and kick off the prototype design process.* During kickoff, confirm the goal of the prototype design process (individually communicated to team members during prior step); emphasize that the prototype must be able to accommodate a variety of setups of cooking equipment, ideally using a formula to ensure combinations of cooking equipment receive adequate power throughout a shift. Ensure all participants have an opportunity to share their background, perspectives, and ideas. Ask

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questions about participants' specific needs and concerns and ensure that everyone's input is heard. Assign roles and responsibilities for each participant. For example, the technical expert may be responsible for designing the battery-powered system, while the cart manufacturer may be responsible for the cart's physical design. Define stages of the project and establish timelines for each stage, including a needs assessment phase and the prototype development phase. Ensure that each stakeholder understands the timeline and their responsibilities within each phase. Schedule periodic check-in meetings between the development team and the EJVV project manager.

- *Waste management.* SVP's partner the Center for Zero Waste Design will participate in the prototype development process during kickoff and during key meetings to provide guidance to the technical expert and collaborators on incorporating sustainable waste management interventions (e.g., separate bins for trash and recycling, customer-facing signage providing guidance on recycling).
- *Quarterly updates.* Schedule quarterly updates to the EJVV Coalition to share progress and solicit feedback on design, usability, affordability, and other goals.

Prototype evaluation, learning, and adaptation. Apr-June 2025 (3 months).

- *Share the prototype.* Facilitate a hybrid in person/virtual showcase that debuts the prototype to members of the public, including street vendors that are members of SVP, the EJVV coalition, expert stakeholders, and invited City and State officials. During the showcase, set up feedback channels (including a physical station, a survey, or other means) where attendees can share their feedback on the prototype design.
- *Learn and adapt.* Analyze feedback collected to identify the strengths and weaknesses of the prototype design. Categorize the feedback into themes such as design, functionality, sustainability, and user-friendliness. Use the feedback to inform revisions to the prototype design. Identify which areas need to be improved and prioritize feedback based on its impact on the design. Collaborate with the design team, technical experts, and other stakeholders to develop a revised prototype design.

Next steps and implementation plan. July 2025-Dec 2025 (6 months).

- The capital required to construct, test, and operate a tangible battery-powered prototype is beyond the scope of the EJCPS program. However, the EJVV project manager will devote time to crafting an implementation plan for the prototype. The plan will at least include the following elements:
    - Standards for production and operation: Develop a set of standards for producing and operating the prototype based on feedback gathered.
    - Shared ownership: Describe the legal and contractual arrangements that will allow collaborating partners to equitably share in the intellectual property generated. A key outcome of the process is allowing vendors to not only participate in design but own the outcomes as a means of economic empowerment for this underserved population.
    - Pathway to implementation: Describe ways the collaborators can fund/finance the creation of the prototype. Outline a testing and piloting protocol that tests the ability of the prototype to meet the production and operation standards

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defined in the implementation plan. Outline an iterative redesign and optimization process based on observations made during the pilot.

Educational materials and navigation guide. July-Aug 2025, July 2026

- Develop an interactive set of educational resources hosted on SVP's website or dedicated project website that will equip vendors with the expertise to navigate a growing market of rechargeable batteries and potential financing opportunities as informed consumers. The guide will emphasize the measured and anticipated health and economic benefits associated with swapping generators with batteries. SVP will update the guide in 2026 to reflect evolving market conditions and lessons learned at the close of the HIA, including findings from the air quality monitoring assessment process and associated academic literature on chronic health impacts.

Task 2. Health Impact Assessment

Goal: Conduct a health impact assessment (HIA) studying how vendor health, and associated conditions like economic stability, would be affected by one or more potential environmental policies and programs that would affect the legality of generators and standards for rechargeable batteries or alternative clean power sources.

Approach:

Screening. Prior to Nov 2023.

- Prior to commencing work under the EPA grant, SVP will complete a *screening* process to define the plan(s), policy or policies, program(s) under consideration, defining one policy or a range of policies that the HIA will evaluate to understand the potential for health and economic costs or benefits to vendors. New York City and State decision-makers have raised a variety of unofficial policies on street vending operations designed to improve air quality in New York City but that fail to serve the health and economic needs of the underserved population of vendors. These have included outright bans on outdoor generators citywide and bans on outdoor generators in city parks. No productive policies have yet emerged to require, subsidize, or otherwise support the adoption of clean energy alternatives by vendors. Without careful phasing and support for affordable, safe, and reliable clean energy alternatives to generators, certain bans could be economically devastating to vendors without improving their health.
- Announce undertaking of an HIA to relevant NYC and NYS agencies (e.g., NYC Department of Health, Department of Transportation, Department of Environmental Protection, Department of Sanitation).

Scoping. Nov 2023-Mar 2024 (5 months).

- Determine the health effects to consider and data sources to use, including air quality monitoring data, contextual government data such as EJScreen and NYC Department of Health and Mental Hygiene (DOHMH) Environment and Health Data Portal, aggregated qualitative data from vendors on their health concerns, and academic literature on the health impacts of chronic exposure to hazardous pollution.
- Gather data and complete a literature review. Theorize how vendor health could change in a variety of scenarios, which could include:

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- "Local or state government restricts generators swiftly"—vendor health may improve in concrete, measurable ways, but without accessible clean energy alternatives, vendors may have to find new livelihoods or endure financial difficulty.
- "Local or state government restricts generators but meaningfully supports the adoption of alternatives"—vendor health improves in concrete, measurable ways and vendor economic stability is preserved due to access to clean energy alternatives.

Assess potential changes to exposure to hazardous pollution using air quality monitoring. Apr-Sept 2024 or Apr 2024 -Mar 2025 (6-12 months pending test design, partner availability)

SVP envisions an air quality monitoring process along the following lines, but SVP anticipates refining the quality and credibility of the process with the EJVV coalition and EPA.

- *Identify test carts and control carts*. Identify a group of carts to test the outdoor and in-cart air quality impacts of generator replacement and a number of control carts.
- *Refine protocol*. Speak to test and control vendors to secure their comfortable and willing participation. Ask vendors questions about their needs and concerns and integrate their needs into the assessment protocol. It will be imperative that air quality monitoring not disrupt day-to-day cart operations or violate strict regulations on cart dimensions and placement defined by various City departments. Confirm the "test group" and "control group."
- *Pre-installation air quality monitoring*: Before the vendor replaces the generator with the rechargeable battery, measure the air quality within and immediately surrounding the cart. Use a reliable, carefully calibrated air quality monitor to take baseline measurements of the levels of key pollutants of concern (including but not limited to pollutants like PM2.5, PM10, CO2, NOx, etc.).
- *Installation of the rechargeable battery:* After baseline measurements, install a rechargeable battery in place of the generator on the carts in the "test" group.
- *Post-installation air quality monitoring:* Begin air quality monitoring immediately after the installation of the rechargeable battery. Take measurements of the same pollutants measured during the pre-installation monitoring inside and outside the cart. Compare the results with the baseline measurements.
- *Monitoring:* Monitor air quality continuously for proceeding months, taking measurements at regular intervals or live (if live data link is supported by the air quality monitoring technology). This will allow the SVP to evaluate changes in air quality over time, as well as any variations based on location, time of day, or other factors.
- *Control group:* The control group will not replace their generator with a rechargeable battery. Measure their in-cart and outdoor air quality at the same time intervals as the experimental group. This will allow SVP to isolate the changes in air quality that are attributable to the removal of the generator.
- *Theorize or measure impacts on health:* Based on the results of the air quality monitoring, theorize or measure (if feasible) the impact that improved air quality would have on the health of the street food vendors and of the general public. For example, SVP might estimate the reduction in respiratory problems or other health issues

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associated with exposure to air pollution using benchmarks provided by recent peer-reviewed academic literature.

Recommendations. (2 months)

- *Stakeholder engagement.* Convene the EJVV Coalition members, engaged City and State agencies, vendors, and other stakeholders in a pair of workshops facilitated to integrate HIA findings to date contextualized in academic literature. Encourage workshop participants to brainstorm and refine policy and program recommendations for the City or State to consider—such as standards, incentives and subsidies, educational public messaging campaigns—to help realize vendor health improvements evaluated by the HIA assessment step. The workshops should result in a set of recommendations the EJVV Project Manager and Project Director can prioritize, refine, and elaborate in the process of writing a report.

Report. (4 months)

- Write report describing the prioritized recommendations and establishing a proposed implementation plan. The report will include case study research on comparable or precedent policies and programs, and it will craft a feasible plan for implementing recommendations. The EJVV Project Manager will reach out to EJVV Coalition members, City and State agencies, and other stakeholders to add detail and realism to recommendations.
- Circulate draft report to stakeholders for feedback and buy-in behind the prioritization and content of recommendations. Then finalize the report and publish findings.

Define monitoring process. (3 months)

- Work closely with City and State agency stakeholders to outline a monitoring or evaluation plan to track the impact of the HIA on decision-making and on vendor health during the remainder of the grant period and after the grant period.

Task 3. Environmental Justice Long-term Problem-Solving and Education Forums

Goal: SVP will work with its partners the Tri-State Transportation Campaign and the Center for Zero Waste Design to design problem-solving processes, build an inclusive base of stakeholders, and facilitate a series of collaborative problem-solving (CPS) conversations. SVP will oversee durable forums for long-term CPS focused on three big infrastructure challenges facing vendors today: sustainable waste management at scale; commissary infrastructure investment to support large-scale electrification; and grid-connection at the street level. The CPS will lead to concrete policy proposals, guidance for City/State-led or private-sector-led pilots, and an interactive set of educational resources hosted on the project website.

Approach:

Design. July-Sept 2025 (3 months)

- *Define three big challenges.*
    - "Sustainable waste management"—Currently, there is no coordinated approach to mitigating, recycling, and composting vending-related paper, plastic, and food

waste at commissaries (the garages where vendors store their materials and prepare certain food items) or on the street. Vendors could benefit from education on best-practices and infrastructure/interventions that support sustainable and waste-conscious behavior among vendors and consumers.
    - "Grid connection pathway"—A 2021 survey of vendors by SVP revealed that about 90% are interested in connecting to the grid while operating on-street, but the pathway to grid connection is uncertain and requires significant infrastructure upgrades and City/State leadership. Given an ongoing push to update transportation infrastructure to support electric vehicles (EVs), the time is now to incorporate vendors into a citywide process of street electrification.
    - "Commissary charging infrastructure pathway"—SVP has learned that large-scale adoption of rechargeable batteries by vendors could result in combined demand for electricity at commissaries that is not supportable by current electrical connections in commissaries. A pathway to understand, supply, and finance the adequate electrification of commissaries is required in parallel with vendor-by-vendor cart electrification.
- *Design CPS process and inclusively identify participants.* SVP's partner the Center for Zero Waste Design will design the collaborative approach, help identify an inclusive set of participants, and facilitate the CPS group dedicated to defining a sustainable waste management pathway. SVP's partner Tri-State Transportation Campaign will lead the process for the grid connection pathway and commissary infrastructure pathway.

CPS process. Oct 2024 – Feb 2025 (5 months)

- In general, CPS groups will convene multiple times to define pathways in the following stages: (i) inventory needs and barriers, (ii) review precedent approaches and solutions, (iii) determine minimum standards and requirements of a successful pathway, (iv) articulate infrastructure "big ideas" or "moonshots" that will require major private-sector investment or public-sector leadership, and (v) propose a pilot effort for the City, State, or private-sector to implement near-term as a test case. SVP will actively participate and support but defer to the leadership of its partners on the exact cadence and agendas for CPS meetings.

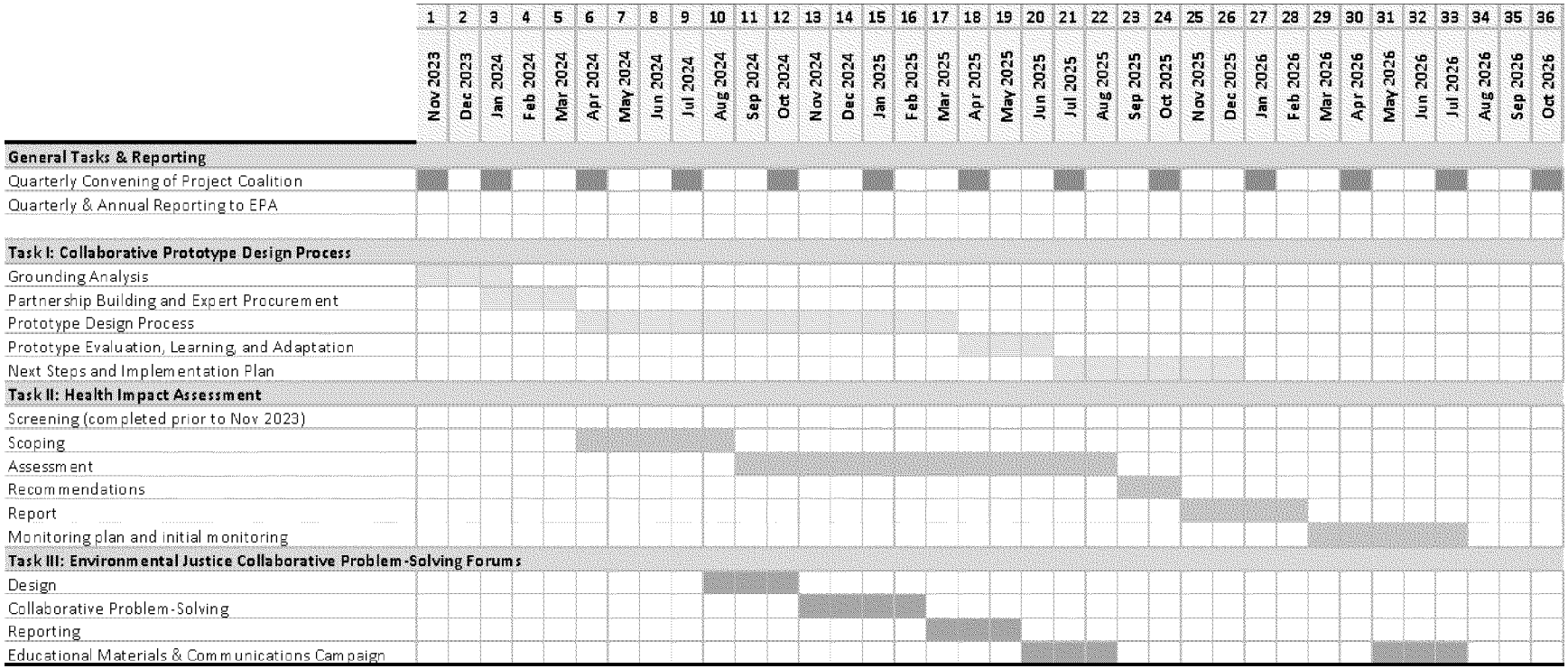
Report. Mar – May 2024 (3 months)

- SVP will lead authorship of a report, or three separate reports, that synthesize the analysis and proposals of each CPS group.

Educational materials and communications campaign. June -Sept 2025, July 2026 (4 months)

- SVP will lead development of an interactive web toolkit that expresses the CPS group's ideas in straightforward terms and serves as an educational resource for vendors and the public on (i) steps they can take today to sustainably manage waste and electrify their operations and (ii) ways they can advocate to their public representatives for bold action on sustainable and renewable vendor-serving infrastructure.
- SVP will update the materials once in 2026 to reflect any leadership achieved by the City and State, as tracked by HIA "monitoring plan."

MILESTONE SCHEDULE



*Does not include post-award tasks completed prior to Nov 2023.

**The milestone schedule incorporates 3 months of buffer at the end of the three-year performance period to mitigate the impact of unforeseen delays or barriers in tasks.

***Task 2 milestone schedule assumes a 12-month "assessment" timeframe for environmental air quality monitoring; however, depending on experimental design, this timeframe may be as short as 6-months, in which case subsequent Task 1 actions would start and end earlier.

NOTE: An itemized Budget Sheet and Budget Narrative is submitted as an attachment under "Other Attachments."

Programmatic Capability

The Street Vendor Project (SVP) is a membership-based project of vendor members who are working together to create a movement for permanent change. Founded in 2001, SVP has advocated on behalf of vendors, provided a forum to share knowledge, and planned collective actions to ensure vendors' voices are heard for over 20 years. There is no other organization in New York City with greater capability to inclusive bring together its members, as well as other diverse actors, to solve environmental justice challenges facing vendors today.

As described in SVP's **history of commitment to the underserved community** above, SVP's environmental justice work with vendors goes back to January 2021. SVP undertook this environmental justice project in three steps: a survey on a sample of vendors' green practices, a landscape analysis of alternative energy solutions for vendors, and a multi-disciplinary design lab that integrated findings and articulated goals for next-generation green vending technology and practice. These findings culminated in a pilot program for vendors to determine the suitability of battery technologies on their carts. The initial pilot feedback received has been positive, with vendors expressing interest at a scale that SVP currently does not have the capacity to serve without additional operating funding.

Project Controls and Capability to Administer Federal Grants

The Street Vendor Project (SVP) is a project of the Urban Justice Center (UJC), which is the non-profit organization that will administer the grant on behalf of SVP.

UJC's fiscal policy and internal project controls allow UJC to provide accurate, current, and complete disclosure of the financial results of each federally, state, and local sponsor. UJC's accounting software creates general ledger reports for grants and tracks budgets versus actual expenditures, allowing for accuracy in accounting records.

The Urban Justice Center (UJC) uses NetSuite ERP to record all financial transactions. Balance sheet and income statements are recorded using accrual basis accounting and in compliance with GAAP. UJC's finance department performs monthly reconciliation on all bank accounts, records month-end journal adjustment and allocates transactions such as fringe, overhead, and direct expenses across all departments and grants. The UJC finance team also has monthly budget meeting with departments to ensure the grant spending follows budgets.

UJC's finance department has controls in place for approving invoices, bills, and journal entries. All transactions approved are attached with backup. All bill pay (checks) and ACH transactions are approved by the CEO before issuance to vendors. Credit transactions and expenses reimbursements are approved by department heads before approval and payment by the finance department.

UJC is audited annually, and a single audit is performed due to the fact that UJC receives over 750k annually in federal funds. The audits have been clear with no material weaknesses in internal controls.

Past Performance

Robin Hood Foundation

SVP received a grant of $2,495,000 from the Robin Hood Foundation in 2020 to provide cash assistance cards to NYC street vendors affected by the Covid-19 pandemic from December 1, 2020 to September 30, 2021.

SVP met the grant requirements by hiring 16 part-time language-specific contractors (Spanish, Mandarin, Arabic, Bangla, English, Tibetan, French and Wolof) and conducting intakes to distribute cash assistance to 2,355 street vendors across the five boroughs of NYC, providing immediate and critical economic support to enable these street vendors to feed and house their families.

SVP fulfilled the reporting requirements for the grant by providing monthly narrative and financial reporting detailing the numbers of intakes completed, demographic data about the vendors reached, and financial expenditures. At the end of the grant period, SVP provided a final report detailing the total number of intakes completed, demographic data about the vendors reached, and overall financial expenditures.

New York Community Trust – Environmental Justice Program

In 2020, SVP received a grant of $85,000 from the New York Community Trust to help street vendors work with policymakers to reduce pollution through an innovative and critical program, *Environmental Justice, for Vendors, by Vendors* for a 15-month grant period of June 9, 2020 – September 9, 2021.

SVP fulfilled the grant by completing the following deliverables: 1) Surveying existing stakeholders in the vending industry to assess current technologies and map supply chains, motivations and present health risks facing vendors; 2) Identifying technical improvements to existing pushcarts and char-broilers, and propose new incentives, regulations, or business models for rolling them out at scale; 3) Launching a multi-stakeholder collaboration on green vending, in partnership with cart owners and workers, cart manufacturers, the NYC Departments of Health, Environmental Protection, and Sanitation; 4) Building a shared understanding among SVP leaders and members around the risks of climate change and the roles that vendors can play in building urban resilience.

SVP fulfilled the reporting requirement for this grant by submitted a final report by September 30, 2021. This report contained a fiscal accounting of grant expenditures, a narrative describing progress made toward meeting the grant results, and a detailed discussion of activities carried out to secure funding to continue the project beyond the grant period.

New York City Department of Small Business Services

In 2021, SVP received a grant of $121,862 from the New York City Department of Small Business Services through the Chamber on the Go and Small Business Support initiative to support community outreach to street vendors on small business services and financial literacy from 7/1/2021 - 6/30/2022.

SVP fulfilled the grant requirements by completing the following deliverables: 1. Conducting 23 virtual and in-person community education sessions across the five boroughs to speak with vendors and share materials regarding regulatory compliance, financial literacy, and referrals to other governmental resources and support; 2 providing individual technical and financial assistance consultations with 243 vendor small business owners; 3. conducting 4 trainings with a total of 154 member attendees regarding opportunities for business growth and referrals to supportive governmental resources.

SVP fulfilled the reporting requirements by providing a final report, broken down by quarter, detailing numbers of vendors reached, type of engagement, date of engagement, and demographic data about vendors including language, gender, and borough.

New York State Department of Labor
In 2021, SVP received a grant for $184, 164 from the New York State Department of Labor to provide direct application assistance and outreach to inform street vendors about the Excluded Workers Fund which provided cash assistance to workers excluded from pandemic relief. The grant period ran from 6/25/2021 and 6/24/2022.

SVP fulfilled the grant requirements by completing the following deliverables: 1. assisting eligible street vendors in completing 1000 applications; 2. hosting 9 educational sessions held at vendor membership meetings in citywide meetings, reaching 30 members at each meeting to promote awareness of the EWF and educate vendors about their eligibility; 3. engaging 250 vendors from hard-to-reach neighborhoods not currently in our membership through conducting street outreach.

SVP fulfilled the reporting requirements for the grant by submitting monthly reports detailing types of outreach, numbers of vendors reached each month, and challenges and obstacles, as well as a budget breakdown with expenditures for each month.

Quality Assurance Project Plan

YES. SVP anticipates that a Quality Assurance Project Plan will be required for this project, due to the fact that the Health Impact Assessment and possibly other tasks will involve the collection of existing environmental data and the collection of new environmental data. SVP will prepare a QAPP for review by EPA upon notice of award.

April 14, 2023

Environmental Justice for Vendors, by Vendors |

Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program

Application for Federal Assistance SF-424: additional list of Program/Project Congressional Districts.

New York City

- NY-003
- NY-004
- NY-005
- NY-006
- NY-007
- NY-008
- NY-009
- NY-010
- NY-011
- NY-012
- NY-013
- NY-014
- NY-015
- NY-016

Manifest for Grant Application # GRANT13861856

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 24222 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16037 bytes)

2. Form SF424A-V1.0.pdf (size 23081 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40456 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 16009 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23930 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37413 bytes)

Attachments Included in Zip File (total 3):

1. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1236-Project Narrative Attachment Form_4.14.2023.pdf application/pdf (size 524268 bytes)

2. SF424_4_0 SF424_4_0-1234-1.1 SF 424. Additional Congressional Districts.pdf application/pdf (size 63730 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-Other Attachments_4.14.2023.pdf application/pdf (size 1314906 bytes)

View Burden Statement

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1.		$	$	$	$	$
2.						
3.						
4.						
5. Totals		$	$	$	$	$

Standard Form 424A (Rev. 7- 97)
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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1)	(2)	(3)	(4)	Total (5)
a. Personnel	$ 68,750.00	$	$	$	$ 68,750.00
b. Fringe Benefits	7,500.00				7,500.00
c. Travel	475.00				475.00
d. Equipment	3,500.00				3,500.00
e. Supplies	4,150.00				4,150.00
f. Contractual	17,120.00				17,120.00
g. Construction	0.00				0.00
h. Other	41,630.00				41,630.00
i. Total Direct Charges (sum of 6a-6h)	143,125.00	0.00	0.00	0.00	$ 143,125.00
j. Indirect Charges	6,875.00				$ 6,875.00
k. TOTALS (sum of 6i and 6j)	$ 150,000.00	$ 0.00	$ 0.00	$ 0.00	$ 150,000.00
7. Program Income	$ 150,000.00	$	$	$	$ 150,000.00

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8.	$	$	$	$ 0.00
9.				0.00
10.				0.00
11.				0.00
12. TOTAL (sum of lines 8-11)	$	$	$	$ 0.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 150,000.00	$ 41,650.00	$ 37,500.00	$ 37,500.00	$ 33,350.00
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 150,000.00	$ 41,650.00	$ 37,500.00	$ 37,500.00	$ 33,350.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)			
	(b)First	(c) Second	(d) Third	(e) Fourth
16.	$	$	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$	$	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges:

23. Remarks:

View Burden Statement

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1.		$	$	$	$	$
2.						
3.						
4.						
5. Totals		$	$	$	$	$

Standard Form 424A (Rev. 7- 97)
Prescribed by OMB (Circular A -102) Page 1

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1)	(2)	(3)	(4)	Total (5)
a. Personnel	$ 68,750.00	$	$	$	$ 68,750.00
b. Fringe Benefits	7,500.00				7,500.00
c. Travel	475.00				475.00
d. Equipment	3,500.00				3,500.00
e. Supplies	4,150.00				4,150.00
f. Contractual	17,120.00				17,120.00
g. Construction	0.00				0.00
h. Other	41,630.00				41,630.00
i. Total Direct Charges (sum of 6a-6h)	143,125.00	0.00	0.00	0.00	$ 143,125.00
j. Indirect Charges	6,875.00				$ 6,875.00
k. TOTALS (sum of 6i and 6j)	$ 150,000.00	$ 0.00	$ 0.00	$ 0.00	$ 150,000.00
7. Program Income	$ 150,000.00	$	$	$	$ 150,000.00

SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8.	$	$	$	$ 0.00
9.				0.00
10.				0.00
11.				0.00
12. TOTAL (sum of lines 8-11)	$	$	$	$ 0.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 150,000.00	$ 41,650.00	$ 37,500.00	$ 37,500.00	$ 33,350.00
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 150,000.00	$ 41,650.00	$ 37,500.00	$ 37,500.00	$ 33,350.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)			
	(b)First	(c) Second	(d) Third	(e) Fourth
16.	$	$	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$	$	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges:

23. Remarks:

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-Completed Itemized Budget Sheet_Waterfront Al

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-EPA EJCPS Project Narrative_Waterfront Alliance.p

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Climate Informed Communities: Collaborative Climate Resilience Solutions for New York City (CIC)- Year 1	66.306	$	$	$ 308,999.00	$ 0.00	$ 308,999.00
2. Climate Informed Communities: Collaborative Climate Resilience Solutions for New York City (CIC)- Year 2	66.306			191,001.00	0.00	191,001.00
3.						
4.						
5. Totals		$	$	$ 500,000.00	$ 0.00	$ 500,000.00

Standard Form 424A (Rev. 7- 97)
Prescribed by OMB (Circular A -102) Page 1

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1)	(2)	(3)	(4)	Total (5)
	Climate Informed Communities: Collaborative Climate Resilience Solutions for New York City (CIC) - Year 1	Climate Informed Communities: Collaborative Climate Resilience Solutions for New York City (CIC) - Year 2			
a. Personnel	$ 122,815.00	$ 122,816.00	$	$	$ 245,631.00
b. Fringe Benefits	24,563.00	24,563.00			49,126.00
c. Travel	2,524.00	2,524.00			5,048.00
d. Equipment	0.00	0.00			0.00
e. Supplies	3,495.00	3,495.00			6,990.00
f. Contractual	14,875.00	14,875.00			29,750.00
g. Construction	0.00	0.00			0.00
h. Other	118,000.00	0.00			118,000.00
i. Total Direct Charges (sum of 6a-6h)	286,272.00	168,273.00			$ 454,545.00
j. Indirect Charges	22,727.00	22,728.00			$ 45,455.00
k. TOTALS (sum of 6i and 6j)	$ 308,999.00	$ 191,001.00	$	$	$ 500,000.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Climate Informed Communities: Collaborative Climate Resilience Solutions for New York City (CIC)- Year 1	$	$	$	$
9. Climate Informed Communities: Collaborative Climate Resilience Solutions for New York City (CIC)- Year 2				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 308,999.00	$ 77,250.00	$ 77,250.00	$ 77,250.00	$ 77,249.00
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 308,999.00	$ 77,250.00	$ 77,250.00	$ 77,250.00	$ 77,249.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Climate Informed Communities: Collaborative Climate Resilience Solutions for New York City (CIC)- Year 2	$ 191,001.00	$	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 191,001.00	$	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: $454,545

22. Indirect Charges: fixed de minimis rate 10% of $454,545 = $45,455

23. Remarks:

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Waterfront Alliance
EPA EJCPS Budget - 24 Months
Climate Informed Communities:
Collaborative Climate Resilience Solutions for New York City (CIC)

	Description	Total
Personnel	Funding in the amount of $245,631 will be used to cover staff salaries over the 24 months as follows: -President and CEO @$202,800 annual salary x 10% of time on project x 2 years (24 months) = $40,560 -Director of Programs and Climate Initiatives @ $107,000 annual salary x 20% of time on project x 2 years (24 months) = $42,800 -Senior Manager for Climate Policy @ $69,300 annual salary x 20% of time on project x 2 years (24 months) = $27,720 -Community Organizer @ $68,000 annual salary x 50% of time on project x 2 years (24 months) = $68,000 -Chief Operating Officer @ $137,430 annual salary x 10% of time on project x 2 years (24 months) = $27,486 -Senior Waterfront Education Coordinator @ $57,500 annual salary x 10% of time on project x 2 years (24 months) = $11,500 -Director of Communciations @ $77,327 annual salary x 10% of time on project x 2 years (24 months) = $15,465 -Operations Manager and Exec Asst @ $60,500 annual salary x 10% of time on project x 2 years (24 months) = $12,100	$245,631
Fringe Benefits	Fringe benefits for the salaries of the personnel detailed above are calculated at a rate of 20% ($245,631 x 20% = $49,126) and include employer paid medical, dental, and vision insurances; life and AD&D insurance; short-term disability; and 401K employer match.	$49,126

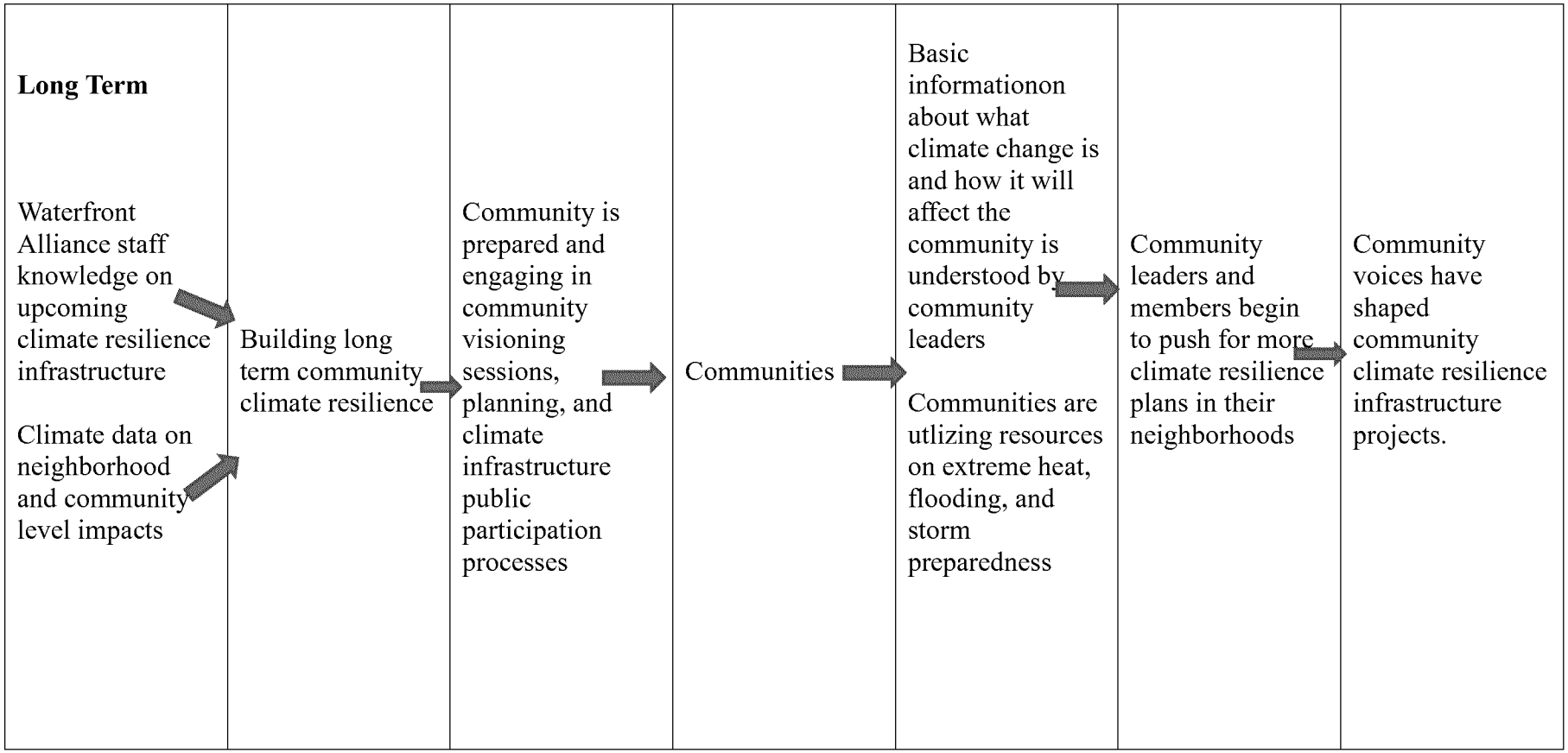
Travel	Funding in the amount of $5,048 is requested to cover travel expenses. We anticipate occasional car trips will be required to carry out the project activities. We have estimated that over the course of 24 months, the project will require staff to take 20 car rides (via taxi or app-based car service) at an average cost of $100 per round trip. This totals $2,000. We are additionally budgetting to purchase a monthly unlimited subway card for our community organizer who will be frequently visiting the target communities. A monthly unlimited subway card costs $127 x 24 months = $3,048.	$5,048
Equipment	N/A	$0
Supplies	Funding in the amount of $6,990 is requested to cover supplies. This includes: -Printer paper @ $205 ($98.33/case x 3 = $295) -Printer toner/ink @ $3,360 ($140/month for 24 months and part of monthly printer lease) -Flip charts and markers for community meetings @ $235 -Postage/mailing/telephone @ $2,100 - Light refreshments for selected community meetings that we host @ $100 / meeting x 10 meetings = $1,000	$6,990
Contractual	Funding in the amount of $29,750 is requested to cover contractual services. This include: -Public affairs firm @ $1,000/month x 24 months = $24,000 (this represents 20% of currently contracted time) -Professional translation services @ $75/hour x estimated 50 hours = $3,750 -Graphic designer @ $100/hour x estimated 20 hours = $2,0000	$29,750
Construction	N/A	$0

Other	Funding in the amount of $118,000 is requested to cover the following Other costs: Partner Stipends in the amount of $100,000 will be distributed as follows: -Guardians of Flushing Bay @ $15,000 -Red Hook Initiative @ $15,000 -South Bronx Unite @ $15,000 -Science and Resilience Institute at Jamaica Bay @ $10,000 -FRANC @ $15,000 -Coney Island Beautification Project @ $15,000 -Staten Island Urban Center @ $15,000 Social Media Amplification (paid ads) is budgetted @ $10,000. Social media amplification will include consulting for graphic design and social media services to launch a broad public campaign to get out messages and resources pertinent to the project. Funding in the amount of $8,000 will be use to print 500 copies of the Climate Literacy Handbook and 500 copies of the Extreme Weather Fact Sheet.	$118,000
Total Direct Costs		**$454,545**
Indirect Costs	10% de minimis rate	**$45,455**
Grand Total		**$500,000**

EJCPS Completed Logic Model

Climate Informed Communities: Collaborative Climate Resilience Solutions for New York City (CIC)

Resources/ Inputs	Activities	Outputs	Audience	Short-term Outcomes (6-12 months)	Intermediate Outcomes (12-24 months)	Long-term Outcomes (2+ years)
Short Term Waterfront Alliance staff, government, and partner expertise and community knowledge Community preparedness resources on flood, storm, and extreme heat	Identification of most impacted communities Understanding the community needs and gaps in services Identification of tools and services available to build climate resilience Building an awareness of tools and services within most impacted communities	Targeted, customized, strategy for outreach and direct work with communities including meetings, workshops and events. Community uptake of resources and materials on climate preparation	Staff, partners, and communities Communities	Surveying community members about their baseline understanding. Begin materials dissemination	Information on protecting lives and properties start to become embedded in most vulnerable communities	Partners and communities report that climate change preparation and resources are embedded and utilized to maximum extent possible measured through surveying compared to baseline surveys conducted at the start of the project.


Long Term
Waterfront Alliance staff knowledge on upcoming climate resilience infrastructure
Climate data on neighborhood and community level impacts
Building long term community climate resilience
Community is prepared and engaging in community visioning sessions, planning, and climate infrastructure public participation processes
Communities
Basic informationon about what climate change is and how it will affect the community is understood by community leaders
Communities are utlizing resources on extreme heat, flooding, and storm preparedness
Community leaders and members begin to push for more climate resilience plans in their neighborhoods
Community voices have shaped community climate resilience infrastructure projects.

101st Precinct Community Council • CAMBA • Campaign Against Hunger • Catholic Charities Brooklyn/Queens • Child Center of New York • Church of God Christian Academy • Community Learning Schools Initiative at QIRT • Far Rock Strong/Team Crate • Harlem Dowling-West Side Center for Children & Family Services • Joseph P Addabbo Family Health Center Northwell School Based Health Center/ CAPP Program • Ocean Bay Community Development Corporation • Police Athletic League • Queens Defenders • Queens Public Library • Queens Royal Priesthood • Rockaway Development & Revitalization Corporation • Rockaway Initiative for Sustainability & Equity (RISE) • Sheltering Arms • St. John's Episcopal Hospital • YMCA Rockaway

U.S. Environmental Protection Agency
Office Of Environmental Justice and External Civil Rights
Jacob Burney
Burney.Jacob@epa.gov

RE: Waterfront Alliance Application for EPA EJCPS Grant Application (EPA-R-OEJECR-OCS-23-01)

Dear Mr. Burney,

I am writing on behalf of FRANC (Far Rockaway Arverne Nonprofit Coalition) to express our formal commitment to partnering with the Waterfront Alliance on the EPA EJCPS Grant Application for the project titled, Climate Informed Communities: Collaborative Climate Resilience Solutions for New York City. Please consider this letter as our official endorsement of the project and its objectives, as well as a commitment for FRANC to complete the project activities and responsibilities outlined below.

FRANC is already working closely with partner non-profits and agencies across sectors in emergency preparedness including partnerships with New York City Emergency Management through their Strengthening Communities Initiative and Department of Health and Mental Hygiene's Community Emergency Network initiative. We manage and maintain a sub-coalition of organizations and community leaders that is centered around resiliency, emergency preparedness, and recovery.

The goal of this project is to ensure local communities and neighborhoods grow to (1) better learn and understand the risks they will face from climate impacts before major infrastructure and retrofitting for green infrastructure come online, and (2) are able to influence and advocate for local climate resilient projects for their communities.

As a partner in this project, FRANC is committed to carrying out the following activities:

Work in partnership with Waterfront Alliance to disseminate information about climate readiness;
Information sharing about existing preparedness and readiness programs;
Waterfront Alliance and partner to provide materials, presenting at meetings, holding one-on-one discussions in coordination with our partners about climate readiness;

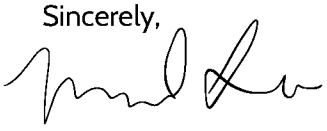
Identification of community members and non-formal organizations within communities that the partner and/or Waterfront Alliance will prioritize to work with first.

The Waterfront Alliance will provide a subaward to FRANC for this work in the amount of $15,000. The Waterfront Alliance has agreed to pay out the subaward to FRANC upon receipt of the grant award.

We are proud to contribute to this important project and believe that it aligns well with FRANC's mission to improve the community for and with youth and families by strengthening Rockaway's nonprofit network.

Thank you for considering our commitment to this project. Please let us know if you require any further information or support.

Sincerely,



Manny Silva
Executive Director
FRANC (Far Rockaway Arverne Nonprofit Coalition)

April 11, 2023

U.S. Environmental Protection Agency
Office Of Environmental Justice and External Civil Rights
Jacob Burney, Burney.Jacob@epa.gov

RE: Waterfront Alliance Application for EPA EJCPS Grant Application (EPA-R-OEJECR-OCS-23-01)

Dear Mr. Burney,

I am writing on behalf of Guardians of Flushing Bay (GoFB) to express our formal commitment to partnering with the Waterfront Alliance on the EPA EJCPS Grant Application for the project titled, Climate Informed Communities: Collaborative Climate Resilience Solutions for New York City. Please consider this letter as our official endorsement of the project and its objectives, as well as a commitment for GoFB to complete the project activities and responsibilities outlined below.

The goal of this project is to ensure local communities and neighborhoods grow to (1) better learn and understand the risks they will face from climate impacts before major infrastructure and retrofitting for green infrastructure come online, and (2) are able to influence and advocate for local climate resilient projects for their communities.

As a partner in this project, GoFB is committed to carrying out the following activities:

- Partner with Waterfront Alliance to disseminate information about climate readiness;
- Coordinate with Waterfront Alliance to present at local meetings and hold one-on-one discussions with community leaders about climate readiness;
- Identify community members and non-formal organizations to prioritize in our outreach.

The Waterfront Alliance will provide a subaward to Guardians of Flushing Bay for this work in the amount of $15,000. The Waterfront Alliance has agreed to pay out the subaward to Guardians of Flushing Bay upon receipt of the grant award.

We are proud to contribute to this important project and believe that it aligns well with the Guardians of Flushing Bay's mission to advocate for healthy and equitably accessible Flushing Waterways.

Thank you for considering our commitment to this project. Please let us know if you require any further information or support.

Sincerely,

Rebecca Pryor
Executive Director
Guardians of Flushing Bay

April 11, 2023

U.S. Environmental Protection Agency
Office Of Environmental Justice and External Civil Rights
Jacob Burney
Burney.Jacob@epa.gov

RE: Waterfront Alliance Application for EPA EJCPS Grant Application (EPA-R-OEJECR-OCS-23-01)

Hello Mr. Burney,

Please allow this letter to serve as a formal commitment in a partnership with Waterfront Alliance. As a new Harbor Middle school located in Red Hook, Brooklyn right by the waterfront. We have committed to providing our students with a hands on, place based experience in the harbor. With support from our partners with BOP, Reti center and Beam we have been able to infuse Harbor within our units of study, and provide expert support for our staff.

Through building a curriculum that centers the water and allows our students to design their projects and provide students with experiences in the field our students have learned much about the Harbor that surrounds them and it's value.

With that said, I represent the Harbor Middle School as we support the partnership and collaboration with the Waterfront Alliance group. We are seeking additional opportunities to enrich those instructional experiences, as we scale up beyond the 6th grade. The partnership will provide opportunities for students to learn more about coastal resistance, design opportunities to advocate for water equity and build on career interests and knowledge in the field of water.

As a partner on this grant, Harbor Middle School will complete the following activities:

- Work with Waterfront Alliance to host teacher trainings focused on extreme weather preparedness through lessons such as how to find shelter during a hurricane or flood and how to prepare a go bag.
- Offer Continuing Teaching and Leader Education (CTLE) credits to teachers participating in trainings.
- Distribute education materials such as Waterfront Alliance's Climate Resilience Literacy Handbook and Extreme Weather Fact Sheet.

This partnership opportunity would support the school's goal in alignment with its vision and mission, and the city's efforts to create a more sustainable environment for all as well as opportunities for our youth in the field. Our community is in support and ready to dive right into the work.

Please reach out with any additional questions or concerns.

Thank you,
Priscilla Figueroa
Principal. 15k676
Harbor Middle School

NYC Mayor's Office of Climate & Environmental Justice

April 14, 2023

U.S. Environmental Protection Agency
Office Of Environmental Justice and External Civil Rights
Jacob Burney
Burney.Jacob@epa.gov

RE: Waterfront Alliance Application for EPA EJCPS Grant Application (EPA-R-OEJECR-OCS-23-01)

Dear Mr. Burney,

I am writing on behalf of the New York City Mayor's Office of Climate and Environmental Justice (MOCEJ) to express our formal commitment to partnering with the Waterfront Alliance on the EPA EJCPS Grant Application for the project titled, Climate Informed Communities: Collaborative Climate Resilience Solutions for New York City. Please consider this letter as our official endorsement of the project and its objectives, as well as a commitment for MOCEJ to complete the project activities and responsibilities outlined below.

The Waterfront Alliance Climate Informed Communities: Collaborative Climate Resilience Solutions program will greatly support New York City's efforts to engage vulnerable coastal communities through the City's Climate-Strong Communities (CSC) initiative. CSC will launch New York City's next generation of multi-hazard, pro-active, and equitable resiliency projects by leveraging existing resiliency and sustainability planning and capital commitments and maximize federal and state funding opportunities with a community-centered planning process by proactively engaging with stakeholders. Substantive and informed engagement is critical to the City's resiliency work in local communities, which is why this office supports this funding application.

The goal of this project is to ensure local communities and neighborhoods grow to (1) better learn and understand the risks they will face from climate impacts before major infrastructure and retrofitting for green infrastructure come online, and (2) are able to influence and advocate for local climate resilient projects for their communities.

To support the Climate Informed Communities Program and its partners, MOCEJ enthusiastically commits to providing strategic guidance, interagency coordination, and other advisory support as needed to Waterfront Alliance and their project partners.

We are proud to contribute to this important project and believe that it aligns well with the Mayor's Office of Climate and Environmental Justice's "Climate Strong Communities" initiative.

Thank you for considering our commitment to this project. Please let us know if you require any further information or support.

Sincerely,



Kizzy Charles-Guzman, Executive Director
New York City Mayor's Office of Climate and Environmental Justice
253 Broadway, 14th Floor, New York, NY, 10007

April 12, 2023

U.S. Environmental Protection Agency
Office Of Environmental Justice and External Civil Rights
Jacob Burney
Burney.Jacob@epa.gov

RE: Waterfront Alliance Application for EPA EJCPS Grant Application (EPA-R-OEJECR-OCS-23-01)

Dear Mr. Burney,

I am writing on behalf of Red Hook Initiative to express our formal commitment to partnering with the Waterfront Alliance on the EPA EJCPS Grant Application for the project titled, Climate Informed Communities: Collaborative Climate Resilience Solutions for New York City. Please consider this letter as our official endorsement of the project and its objectives, as well as a commitment for the Red Hook Initiative to complete the project activities and responsibilities outlined below.

The goal of this project is to ensure local communities and neighborhoods grow to (1) better learn and understand the risks they will face from climate impacts before major infrastructure and retrofitting for green infrastructure come online, and (2) are able to influence and advocate for local climate resilient projects for their communities.

As a partner in this project, Red Hook Initiative is committed to carrying out the following activities:

- Work in partnership with Waterfront Alliance to disseminate information about climate readiness;
- Waterfront Alliance and partner to provide materials, presenting at meetings, holding one-on-one discussions in coordination with our partners about climate readiness;
- Identification of community members and non-formal organizations within communities that the partner and/or Waterfront Alliance will prioritize to work with first.

The Waterfront Alliance will provide a subaward to Red Hook Initiative for this work in the amount of $15,000. The Waterfront Alliance has agreed to pay out the subaward to Red Hook Initiative upon receipt of the grant award.

We are proud to contribute to this important project and believe that it aligns well with the Red Hook Initiative's mission to nurture young people in Red Hook to be inspired, resilient and healthy, and to envision themselves as co-creators of their lives, community and society.

Thank you for considering our commitment to this project. Please let us know if you require any further information or support.

Sincerely,

Yvonne M. Brathwaite
Interim Executive Director, Red Hook Initiative

South Bronx Unite

April 12, 2023

U.S. Environmental Protection Agency
Office Of Environmental Justice and External Civil Rights
Jacob Burney
Burney.Jacob@epa.gov

RE: Waterfront Alliance Application for EPA EJCPS Grant Application (EPA-R-OEJECR-OCS-23-01)

Dear Mr. Burney,

I am writing on behalf of South Bronx Unite to express our formal commitment to partnering with the Waterfront Alliance on the EPA EJCPS Grant Application for the project titled, Climate Informed Communities: Collaborative Climate Resilience Solutions for New York City. Please consider this letter as our official endorsement of the project and its objectives, as well as a commitment for South Bronx Unite Center to complete the project activities and responsibilities outlined below.

The goal of this project is to ensure local communities and neighborhoods grow to (1) better learn and understand the risks they will face from climate impacts before major infrastructure and retrofitting for green infrastructure come online, and (2) are able to influence and advocate for local climate resilient projects for their communities.

As a partner in this project, South Bronx Unite is committed to carrying out the following activities:

- Work in partnership with Waterfront Alliance to disseminate information about climate readiness;
- Information sharing about existing preparedness and readiness programs;
- Waterfront Alliance and partner to provide materials, presenting at meetings, holding one-on-one discussions in coordination with our partners about climate readiness and South Bronx Unite's Mott Haven-Port Morris Waterfront Plan;
- Identification of community members and nonformal organizations within communities that the partner and/or Waterfront Alliance will prioritize to work with first.

The Waterfront Alliance will provide a subaward to South Bronx Unite for this work in the amount of $15,000. The Waterfront Alliance has agreed to pay out the subaward to South Bronx Unite upon receipt of the grant award.

We are proud to contribute to this important project and believe that it aligns well with South Bronx Unite's mission to bring together neighborhood residents, community organizations, academic institutions, and allies to improve and protect the social, environmental, and economic future of Mott Haven and Port Morris.

Thank you for considering our commitment to this project. Please let us know if you require any further information or support.

Sincerely,

Arif Ullah
Executive Director
South Bronx Unite

Manifest for Grant Application # GRANT13861515

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 33466 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16048 bytes)

2. Form SF424A-V1.0.pdf (size 23399 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40296 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15931 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23968 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37362 bytes)

Attachments Included in Zip File (total 18):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-Ben Regas_Resume_as of 2022.pdf application/pdf (size 148053 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-Completed Itemized Budget Sheet_Waterfront Alliance EPA Grant.pdf application/pdf (size 17394 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-Tyler Taba_Resume_as of 2023.pdf application/pdf (size 352865 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1242-Environmental Results Logic Model_Waterfront Alliance EPA Grant.pdf application/pdf (size 120157 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1243-CIBP_Letter of Commitment_Waterfront Alliance EPA Grant.pdf application/pdf (size 369628 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-Cortney Worrall_Resume_as of 2023.pdf application/pdf (size 88462 bytes)

7. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-Cynthia Tam_Resume_as of 2021.pdf application/pdf (size 459576 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-Furhana Husani_Resume_as of 2022.pdf application/pdf (size 231616 bytes)

9. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-Kate McLetchie-Sheldon_Resume_as of 2018.pdf application/pdf (size 159442 bytes)

10. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-EPA EJCPS Project Narrative_Waterfront Alliance.pdf application/pdf (size 252956 bytes)

11. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1244-FRANC_Letter of Committment_Waterfront Alliance EPA Grant.pdf application/pdf (size 281974 bytes)

12. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1247-MOCEJ_Letter of Commitment_Waterfront Alliance EPA Grant.pdf application/pdf (size

165537 bytes)

13. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1248-RHI_Letter of Committment_Waterfront Alliance EPA Grant.pdf application/pdf (size 170474 bytes)

14. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1245-Guardians of Flushing Bay_Letter of Committment_Waterfront Alliance EPA Grant.pdf application/pdf (size 124382 bytes)

15. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1246-Harbor Middle School_Letter of Committment_Waterfront Alliance EPA Grant.pdf application/pdf (size 104139 bytes)

16. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1251-SRIJB_Letter of Committment_Waterfront Alliance EPA Grant.pdf application/pdf (size 143511 bytes)

17. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1249-SIUC_Letter of Committment_Waterfront Alliance EPA Grant.pdf application/pdf (size 1937235 bytes)

18. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1250-South Bronx Unite_Letter of Committment_Waterfront Alliance EPA Grant.pdf application/pdf (size 274981 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-501c3 Letter - Proof of WE ACT Non-Profit Sta

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1240-EPA EJCPS Workplan.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Nitrogen Dioxide Indoor Air Quality Monitoring Study		$	$	$ 500,000.00	$	$ 500,000.00
2.						
3.						
4.						
5. Totals		$	$	$ 500,000.00	$	$ 500,000.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) Nitrogen Dioxide Indoor Air Quality Monitoring Study	(2)	(3)	(4)	Total (5)
a. Personnel	$ 164,850.00	$	$	$	$ 164,850.00
b. Fringe Benefits	48,630.75				48,630.75
c. Travel					
d. Equipment	43,000.00				43,000.00
e. Supplies	33,500.00				33,500.00
f. Contractual	130,000.00				130,000.00
g. Construction					
h. Other	14,801.83				14,801.83
i. Total Direct Charges (sum of 6a-6h)	434,782.58				$ 434,782.58
j. Indirect Charges	65,217.42				$ 65,217.42
k. TOTALS (sum of 6i and 6j)	$ 500,000.00	$	$	$	$ 500,000.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Nitrogen Dioxide Indoor Air Quality Monitoring Study	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$	$	$	$	$
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$	$	$	$	$

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Nitrogen Dioxide Indoor Air Quality Monitoring Study	$ 181,384.30	$ 181,383.31	$ 137,232.39	$ 0.00
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 181,384.30	$ 181,383.31	$ 137,232.39	$ 0.00

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: 434782.58

22. Indirect Charges: 65217.42

23. Remarks:

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EPA EJCPS - Logic Model

Inputs/Resources (What you invest)	**Project Activities/ Workplan Tasks** (What you do)	**Outputs** (What you produce or deliver and to whom)	**Outcomes and Status** (The desired results or effects)		
			Short-Term (6-12 months)	Medium-Term (12-24 months)	Long-Term (2+ years)
• 4 project staff (1 WE ACT, 1 DOHMH, 1 AEA, 1 SBU)	**Educational Workshops/Recruitment** Host 3-5 one-day Healthy Homes workshops on sources of indoor air pollution (including gas stoves), demonstration of indoor air quality monitoring equipment, and culturally relevant cooking demonstrations with induction stoves. Identify the building in which to conduct the study and recruit program participants from building residents. [CPS Element 2 - Community Capacity-Building and Leadership Development]	• 3-5 one-day workshops, each attended by 15-20 community members living in S. Bronx (WE ACT/ DOHMH/AEA/SBU) • 1 building identified for retrofitting and air monitoring • Distribution of pots/pans for induction stoves to 30-100 households	• 30-100 community members are knowledgeable about sources of indoor air quality and how to reduce their exposure.	• 30-100 households are familiar with indoor air quality monitoring methods and express interest in community based participatory research related to indoor air quality.	• 30-100 households are confident in their ability to use induction stoves to perform their usual cooking tasks, and are sharing knowledge with their families and neighbors about the benefits of electrifying household appliances.

• Y project staff (X AEA, 1 WE ACT)	**Stove Swap Out** Facilitate swap out of gas stoves for induction stoves in 30-100 households from AEA-selected building(s) in S. Bronx, prioritizing households where one or more individuals has asthma (Full building, throughout NYC) [CPS Element 5 - Constructive Engagement by Relevant Stakeholders]	• 3-100 households receive induction stove as replacement for gas stove in their homes (AEA)	• Induction stoves begin to be installed in recruited households in place of existing gas stoves	• Induction stoves continue to be installed in up to 60 households total	• 30-100 households are using an induction stove to perform their usual cooking tasks, and are sharing knowledge with their families and neighbors about the benefits of electrifying household appliances.
• 3 project staff (2 WE ACT, 1 Queens College) • Queens College laboratory space and equipment	**NO_2 Monitoring** Calibration and distribution of air sensors. Monitor reductions in indoor levels of NO_2 among 30-100 households who participated in the gas stove transition led by AEA. [CPS Element 5 - Constructive Engagement	• 4 Sensors calibrated and distributed to participating households using the stepped-wedge approach • 30-100 households receive testing for indoor levels of NO_2 to measure reductions associated with an induction stove swap out.	• 30-100 households recruited to participate in seasonal monitoring for indoor levels of NO_2 before receiving an induction stove swap out	• 30-100 households participate in follow-up seasonal monitoring for indoor levels of NO_2 after receiving an induction stove swap out	• 30-100 households experience measured reductions in indoor levels of NO_2

	by Relevant Stakeholders]				
• 2 project staff (1 Columbia, 1 WE ACT)	**Health Impacts Assessment** Develop IRB-approved survey to use for health impacts assessment in partnership with Columbia University. Conduct health pre-assessment before stove replacement. Conduct assessment of changes in acute respiratory and mental health symptoms among 30-1-00 households who participated in the gas stove transition led by AEA [CPS Element 5 - Constructive Engagement by Relevant Stakeholders]	• 30-100 households participate in an assessment of acute respiratory and mental health symptoms before and after an induction stove swap out (Columbia/WE ACT)	• 30-100 households participate in an assessment of acute respiratory and mental health symptoms BEFORE induction stove swap out	• 30-100 households participate in an assessment of acute respiratory and mental health symptoms AFTER induction stove swap out	• 30-100 households are expected to experience reductions in negative outcomes associated with asthma and/or relevant mental health outcomes
• 2 project staff (1 WE ACT, 1 DOHMH) • 2 students/interns	**Report Findings to Participants** Share study findings regarding the contribution of gas stoves	• 30-100 summary reports for indoor air quality data from each household (WE ACT)	• Distribution of summary reports for indoor air quality data to 30-100 households	• 30-100 households are knowledgeable about the contribution of gas stoves to indoor air	• 30-100 households are taking steps to reduce their exposure to

	on indoor air quality among study participants' homes [CPS Element 2 - Community Capacity-Building and Leadership Development]	• Host 3-5 half-day workshops, each attended by 15-20 study participants to explain summary reports (WE ACT/ DOHMH)		pollution in their homes	indoor air pollution, sharing knowledge with their families and neighbors, and leading change in their community
• 4 project staff	**Evaluation, Disseminate Findings, Reports and Manuscripts** Conduct and share formal evaluation of study, including development of recommendations for policy and research. [CPS Element 7 - Evaluation, Lessons Learned, and Replication of Best Practices]	• Develop and publish report featuring analysis of household indoor air quality data, including recommendations for policy/research	• Formal evaluation process has begun utilizing the indoor air quality data and surveys on negative outcomes associated with asthma and relevant mental health outcomes from 60 households	• Publication of study report on organization website and relevant newsletters • Press conference held to announce the study release and share findings	• New York and other states are providing resources to support buildings in the transition to induction stoves

EJ EJCPS Itemized Budget Sheet Template

Note—EPA provides detailed guidance on how to characterize costs for budgeting purposes as well as a budget detail example in the agency's Interim General Budget Development Guidance for Applicants and Recipients of EPA Financial Assistance. For a sample Itemized Budget Sheet refer to: https://www.epa.gov/grants/rain-2019-g02

Year 1 of 3	Description	Total
Personnel	Micaela Martinez, Director of Environmental Health will provide support on the development and implementation of the program study. Funding in the amount of $5,750 is requested at 5% FTE. Jaron Burke, the Environmental Health Manager, will support in outreach, educational events, and implementation of the program study. Funding in the amount of $37,500 is requested at 50% FTE. Marileidy Pimentel Paniagua, the Bilingual Community Organizer, will provide support on program outreach and recruitment. Funding in the amount of $11,700 is requested at 20% FTE.	$54,950
Fringe Benefits	Fringe benefits for the salaries of the personnel listed above equal $16,210.25 and were calculated at a rate of 29.5% of personnel costs. Fringe benefits for full time year-round workers include FICA, health, dental and disability insurance, and life insurance.	$16,210.25
Travel		
Equipment	Funding in the amount of $21,500 is requested to cover the cost of purchasing air monitoring sensors and supplies, including replacement filters for monitoring.	$21,500
Supplies	Funding in the amount of $334 is requested for general office supplies. Funding in the amount of $16,250 is requested to cover the cost of providing cookware to program participants, at $325 per household (50 households).	$16,584
Contractual	Funding in the amount of $33,334 is requested to cover the cost of the Association for Energy Affordability's participation per the subaward agreement. Funding in the amount of $10,000 is requested to cover the cost of South Bronx Unite's participation per the subaward agreement.	$43,334

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Other	Funding in the amount of $666 is requested for participant educational workshops to be used for meeting space and light refreshments related to program implementation. Funding in the amount of $6,400.91 is requested for cooking classes, including space rental and instructors.	$7,066.91
Indirect Charges	Funding is requested in the amount of $21,739.14, to cover WE ACT's indirect cost at 15%.	$21,739.14
		Total Year 1 Budgeted Costs = $181,384.30
Year 2 of 3	Description	Total
Personnel	Micaela Martinez, Director of Environmental Health will provide support on the development and implementation of the program study. Funding in the amount of $5,750 is requested at 5% FTE. Jaron Burke, the Environmental Health Manager, will support in outreach, educational events, and implementation of the program study. Funding in the amount of $37,500 is requested at 50% FTE. Marileidy Pimentel Paniagua, the Bilingual Community Organizer, will provide support on program outreach and recruitment. Funding in the amount of $11,700 is requested at 20% FTE.	$54,950
Fringe Benefits	Fringe benefits for the salaries of the personnel listed above equal $16,210.25 and were calculated at a rate of 29.5% of personnel costs. Fringe benefits for full time year-round workers include FICA, health, dental and disability insurance, and life insurance.	$16,210.25
Travel		
Equipment	Funding in the amount of $21,500 is requested to cover the cost of purchasing air monitoring sensors and supplies, including replacement filters for monitoring.	$21,500
Supplies	Funding in the amount of $333 is requested for general office supplies. Funding in the amount of $16,250 is requested to cover the cost of providing cookware to program participants, at $325 per household (50 households).	$16,583

ED_016126_00001214-00002

Contractual	Funding in the amount of $33,333 is requested to cover the cost of the Association for Energy Affordability's participation per the subaward agreement. Funding in the amount of $10,000 is requested to cover the cost of South Bronx Unite's participation per the subaward agreement.	$43,333
Other	Funding in the amount of $667 is requested for participant educational workshops to be used for meeting space and light refreshments related to program implementation. Funding in the amount of $6,400.92 is requested for cooking classes, including space rental and instructors.	$7,067.92
Indirect Charges	Funding is requested in the amount of $21,739 to cover WE ACT's indirect cost at 15%.	$21,739.14
		Total Year 2 Budgeted Costs = $181,383.31

Year 3 of 3	Description	Total
Personnel	Micaela Martinez, Director of Environmental Health will provide support on the development and implementation of the program study. Funding in the amount of $5,750 is requested at 5% FTE. Jaron Burke, the Environmental Health Manager, will support in outreach, educational events, and implementation of the program study. Funding in the amount of $37,500 is requested at 50% FTE. Marileidy Pimentel Paniagua, the Bilingual Community Organizer, will provide support on program outreach and recruitment. Funding in the amount of $11,700 is requested at 20% FTE.	$54,950
Fringe Benefits	Fringe benefits for the salaries of the personnel listed above equal $16,210.25 and were calculated at a rate of 29.5% of personnel costs. Fringe benefits for full time year-round workers include FICA, health, dental and disability insurance, and life insurance.	$16,210.25
Travel		

ED_016126_00001214-00003

Equipment		
Supplies	Funding in the amount of $333 is requested for general office supplies.	$333
Contractual	Funding in the amount of $33,333 is requested to cover the cost of the Association for Energy Affordability's participation per the subaward agreement. Funding in the amount of $10,000 is requested to cover the cost of South Bronx Unite's participation per the subaward agreement.	$43,333
Other	Funding in the amount of $667 is requested for participant educational workshops to be used for meeting space and light refreshments related to program implementation.	$667
Indirect	Funding is requested in the amount of $21,739.13, to cover WE ACT's indirect cost at 15%.	$21,739.14
		Total Year 3 Budgeted Costs = 137,232.39
		Total Budgeted Costs (All Years) : $500,000

ED_016126_00001214-00004

The proposed program/project will take place in the following Congressional Districts:

- NY13
- NY15

Manifest for Grant Application # GRANT13860959

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 21525 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16035 bytes)

2. Form SF424A-V1.0.pdf (size 22810 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40401 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15929 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23983 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37259 bytes)

Attachments Included in Zip File (total 7):

1. SF424_4_0 SF424_4_0-1234-Program_Project Congressional Districts.pdf application/pdf (size 20053 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-EPA EJCPS LOS Combined FINAL.pdf application/pdf (size 715287 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-EJCPS Itemized Budget Template.pdf application/pdf (size 175369 bytes)

4. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1240-EPA EJCPS Workplan.pdf application/pdf (size 358121 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-EJCPS Resumes Combined.pdf application/pdf (size 559358 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-Logic Model - Environmental Results.pdf application/pdf (size 76727 bytes)

7. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-501c3 Letter - Proof of WE ACT Non-Profit Status.pdf application/pdf (size 764379 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-Copy of 501c3AtmaConnect.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-Final Narrative EJCPS Proposal - Atma Connect.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	EPA-R-OEJECR-OC	$	$	$ 500,000.00	$	$ 500,000.00
2.						
3.						
4.						
5. Totals		$	$	$ 500,000.00	$	$ 500,000.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	(2)	(3)	(4)	Total (5)
a. Personnel	$ 129,453.00	$	$	$	$ 129,453.00
b. Fringe Benefits	25,891.00				25,891.00
c. Travel	5,344.00				5,344.00
d. Equipment	0.00				0.00
e. Supplies	1,500.00				1,500.00
f. Contractual	235,800.00				235,800.00
g. Construction	0.00				0.00
h. Other	56,558.00				56,558.00
i. Total Direct Charges (sum of 6a-6h)	454,546.00				$ 454,546.00
j. Indirect Charges					$
k. TOTALS (sum of 6i and 6j)	$ 454,546.00	$	$	$	$ 454,546.00
7. Program Income	$ 45,454.00	$	$	$	$ 45,454.00

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	$ 0.00	$ 0.00	$ 0.00	$ 0.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$ 0.00	$ 0.00	$ 0.00	$ 0.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 260,780.00	$ 88,295.00	$ 55,845.00	$ 55,845.00	$ 60,795.00
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 260,780.00	$ 88,295.00	$ 55,845.00	$ 55,845.00	$ 60,795.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	$ 260,780.00	$ 239,220.00	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 260,780.00	$ 239,220.00	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges: 0% De Minimis based on MTDC

23. Remarks: 0% De Minimis based on MTDC

MEDILL Northwestern University, Evanston, IL 60091

April 10, 2023
U.S. Environmental Protection Agency
Washington, D.C.

Dear EPA Award Reviewers:

The proposed project from Atma Connect, a community based organization working in Puerto Rico on community led resilience, and their partners, helps address a key unmet need in Puerto Rico to build awareness of water quality issues, engage residents in water quality testing, and improve water quality through helping residents and small water systems identify threats to water quality and implement solutions, including helping people obtain the resources needed to upgrade septic systems.

If the proposal submitted by Atma Connect is selected for funding by EPA, it is my intent to collaborate to provide outreach communications by graduate science and environmental journalism students who will report on water quality issues and solutions in Puerto Rico. The Medill Comer Foundation Scholarship program, for which I am the PI, and Medill itself facilitate compelling techniques for reporting on science, the environment and climate change. We network with top environmental scientists from across the country and travel to report on stories of international concern.

The outreach program through Medill's embedded reporting capstone pairs graduate students with field research programs and initiatives such as Atma Connect for several weeks. Comer and Medill funding cover the costs of these partnerships. We participate in research and programming, produce service journalism for our partners, and provide communications workshops as well as producing stories for major media. Students have joined NOAA storm chasers and researchers documenting the increasing retreat of the glaciers in Mongolia. One student scuba dived into the Great Barrier Reef this spring to transplant coral with marine biologists and another worked with Scripps researchers exploring Pacific Ocean marine life for promising medicinal applications. We have published stories with *National Geographic, The New Scientist, Bulletin of the Atomic Scientists, Indian Country Today, Discover, Washington Post, Undark, Huffington Post, Astronomy* magazine and other media.
My research partners include the Comer Foundation, the Institute for Sustainability and Energy at Northwestern with water resources among the many focus areas, the Center for Native American and Indigenous Studies at Northwestern, Northwestern's Department of Earth and Planetary Sciences, and the Midwest Climate Summit.
The Atma Connect proposal fits key goals of the embedded reporting partnerships including education, environmental justice, health and social services as well as neighborhood rehabilitation.

Respectfully,
Abigail Foerstner
Abigail Foerstner
Associate Professor
Director – Graduate Science Journalism

Government of Puerto Rico

CERTIFICATE OF AUTHORIZATION TO DO BUSINESS IN PUERTO RICO

I, **Elmer L. Roman, Secretary of State** of the Government of Puerto Rico;

CERTIFY: That **ATMA CONNECT CORPORATION**, register number **445932**, is a **Foreign Non Profit Corporation** organized under the laws of California duly authorized to do business in Puerto Rico on this **23rd of June, 2020 at 05:21 PM**.

IN WITNESS WHEREOF, the undersigned by virtue of the authority vested by law, hereby issues this certificate and affixes the Great Seal of the Government of Puerto Rico, in the City of San Juan, Puerto Rico, today, **June 23, 2020.**

Elmer L. Roman
Secretary of State

1792561 - $5.00

April 11, 2023

U.S. Environmental Protection Agency (EPA)
Office of Environmental Justice and External Civil Rights

RE: Letter of Commitment and Support for Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program for Atma Connect

Dear Sir or Madam,

I am writing this letter to commit the support of the Environmental Protection Network (EPN) to Atma Connect and their application to the Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program, should it be funded by EPA.

Atma Connect is a registered community organization in Puerto Rico, working to build community resilience through mutual support, helping residents engage with governments, spread their solutions, and take collective action. Their platform for neighbors helping neighbors provides community leaders and local organizations the ability to document, validate, and share the impact they are making in their communities.

EPN's network of more than 550 EPA alumni—with expertise in air, water, toxic substances, hazardous waste, and just about any issue that EPA works on—provides direct pro bono capacity-building technical assistance and training to under-resourced communities to address and advance community identified issues and goals. Our staff will serve as a navigator to connect Atma Connect to experts within our volunteer network, as well as other technical assistance providers across the country. Our national network of volunteers (including scientists, lawyers, engineers, economists, and others with decades of experience in environmental regulations, grants, bureaucracies, and policies), their connections inside and outside of government, and their vast experience with federal grantmaking, will play a unique and critical role in supporting successful collaborations and negotiations as Atma Connect and other stakeholders work toward long-term progress and solutions to environmental and public health issues.

EPN volunteers are tracking closely the new PFAS regulation and will work to advise the water quality network in Puerto Rico that Atma Connect will be bringing together about how to access resources to address PFAS pollution in Puerto Rico.

We look forward to participating in the EJCPS and supporting Atma Connect's work to advance transformative environmental justice projects.

Thank you,

Michelle Roos

Michelle Roos
Executive Director
Environmental Protection Network

ATMA CONNECT - SAFE WATER QUALITY NETWORK PUERTO RICO

LOGFRAME

Resources/ Inputs	Activities/Tasks	Outputs/Milestones	Audiences	Shorts-Term Outcomes (6-12 months)	Intermediate Outcomes (12-24 months)	Long-Term Outcomes (2+ years)
Partner Organization *Northwestern University* -Journalism Students **Partner Organization** *Sani Plant* Volunteer in-service DIY Septic Testing Training and Information Outreach **Partner Organization** *Asociacion Enlace Asuntos Comunitarios de Sabana Seca* Convene community groups and host training sessions on water quality and testing **Partner Organization** *Environmental Protection Network* Expertise on water contamination issues **Partner Organization** *Finca Higuaca* Connections to rural networks **Partner Organization** *Professor Ingrid Padilla* Academic researcher with concentration on water quality in	**Task 1.1** Make widely accessible, on a website, translated, community friendly short form content, including material fromhttps://www.epa.gov/septic/septicsmart-education-materials so that it is actionable for the public of Puerto Rico on septic systems, water contamination, mitigation measures, and serves as a homebase for the projects' work. **Task 1.2** Execute media, social media and in-person campaign to spread information on water quality. **Task 1.3** Initiate the Safe Water Quality Network bringing together affected communities, decisionmakers, and stakeholders and explore opportunities to coordinate and have ongoing collaboration. **Task 2.1**. Identify and source a list of approved water and septic system testing kits, with information on cost, where to procure, and the parameters tested, with our partners.	***Milestone 1.1.1*** Create short form and accessible content based on expert information from partners as specified above including SaniPlant, University of Puerto Rico, EPN, and other collaborators including USEPA, DRNA, PR Health Department, and others, and engage community members in creating peer to peer content that spreads this information widely. ***Milestone 1.1.2*** Create a website home, and upload comprehensive content of Milestone 1.1.1. ***Milestone 1.2.1*** Reach at least 75,000 people with social media and media content that leads to behavior change to improve water quality. Measure this behavior	Puerto Rican Public Rural Puerto Rican Communities Homeowners and Commercial Property Owners Realtors Academics Health Officials NGOs Community Organizations Public Officials	37,000 people reached with social media content that leads to behavior change to improve water safety (more in year two) 25 Puerto Ricans trained in citizen journalism on water quality (more in year two) At least At least 50 Puerto Rican households trained on water quality at home testing Test kits made available (see project narrative)	A further 38,000 people trained with social media content that leads to behavior change to improve water safety (continued from year one) Educate at least 2,000 Puerto Ricans reached by traveling exhibit 50 Puerto Ricans trained in citizen journalism on water quality (continued from year one) Over 100 Puerto Ricans, both homeowners and commercial property owners trained in applying for septic system upgrades	Water quality and health improves in Puerto Rico More people in Puerto Rico have access to safe water quality Safe Water Quality Network is strengthened with ongoing collaboration with decisionmakers, vulnerable communities, and agencies. Lessons learned collected on the website and made available to partners and the EPA Authorities take further action on septic regulations Community based water quality website is a durable model that is spread to other regions in the US Water Quality Interactive Exhibit is a durable tool that changes awareness and behavior and is used in many communities across

Puerto Rico **Volunteers** Mrs. Evelyn Huertas, USEPA Mrs. Mayra Toro, Secretary, Environmental Health Division of the PR Department of Health Mr. Carlos Velázquez-Figueroa , RCAP Solutions Mr. Raul Santini, NRCS Mrs. Johanna Concepción, Dewey University, **Staff Time** (Atma)	**Task 2.2** Widely disseminate resources for water quality and septic system testing. **Task 3.1.** Conduct a widespread outreach and public information campaign as part of the traveling exposition, targeting homeowners and building owners, letting them know about the availability of funds for upgrades. **Task 4.1**: One or two town hall with academics and health professionals and engaging 100 people in receiving information on water quality and getting resources to protect it. **Task 5.1** Creation of reports, surveys, and interviewing participants on the success and learnings of the program, and what needs to be improved	change in surveys. ***Milestone 1.2.2*** Crowdsource stories of change from local people and community leaders about water quality and spread via media and social media. ***Milestone 1.2.3*** Create an interactive traveling exhibition on how water quality is affected by septic systems so that people can experience first hand and in a sensory way the importance of proper waste water treatment. ***Milestone 1.2.4*** Introduce the traveling interactive exhibition about water quality, in a minimum of 10 stops, at venues including malls, art galleries, hotels, schools and other public spaces. We expect to reach a minimum of 200 people per stop, for a minimum total of 2,000 people. ***Milestone 1.2.5*** Three Citizen Journalism Trainings (CJT) in partnership with Northwestern University School of Journalism to train community				the U.S

		leaders and youth in schools, communities, on citizen journalism related to water quality. Training of at least 50 leaders and youth. ***Milestone 1.3.1*** Map of decision makers created. ***Milestone 1.3.2*** Identify pools of funds that community residents can engage with decision makers and small water systems to access. 5-10 upcoming opportunities identified. ***Milestone 2.1.1*:** Identify resources for water quality testing with information on cost, where to procure, and the parameters tested. ***Milestone 2.1.2*:** Identify resources for septic system testing with information on cost, where to procure, and the parameters tested. ***Milestone 2.2.1*:** Disseminate these resources online and as part of the traveling exposition experience (Milestone 1.2.3 and Milestone 1.2.4). If water quality testing kits are made available at low cost to Atma Connect				

		Milestone 4.1.1 Conduct the townhall with academics and health professionals and the community. ***Milestone 5.1.1*** Workshop with program partners to deconstruct successes and failures of the program ***Milestone 5.1.2*** All reports shared with program partners, funders, the US Government, and local municipal governing bodies.				

Manifest for Grant Application # GRANT13861989

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 30208 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16047 bytes)

2. Form SF424A-V1.0.pdf (size 23258 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40247 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15922 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23929 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37450 bytes)

Attachments Included in Zip File (total 14):

1. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-Final Narrative EJCPS Proposal - Atma Connect.pdf application/pdf (size 3043546 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1242-Ingrid Padilla LoC.pdf application/pdf (size 180663 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-Northwestern LoC.pdf application/pdf (size 69729 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-Sani Plant LoC.pdf application/pdf (size 111543 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-Resumes of key personnel.pdf application/pdf (size 345385 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-3a. Do Business in PR ENGLISH.pdf application/pdf (size 180657 bytes)

7. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-AtmaConnect 21 FinalFS.Client.pdf application/pdf (size 1054565 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-AtmaConnect 20 FinalFS.Client.pdf application/pdf (size 1066122 bytes)

9. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1246-Budget Detail Atma Connect USEPA CPS.pdf application/pdf (size 99977 bytes)

10. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1247-Atma Connect Logframe USEPA CPS.pdf application/pdf (size 113495 bytes)

11. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-Copy of 501c3AtmaConnect.pdf application/pdf (size 760747 bytes)

12. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1245-Asociacion Sabana Seca LoC.pdf application/pdf (size 146241 bytes)

13. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1244-EPN LoC.pdf application/pdf (size 62482 bytes)

14. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1243-Finca Higuaca LoC.pdf application/pdf (size 200587 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1236-Combined Manditory Attachments.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1235-EPA EJCPS Project Narrative.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	66.306	$ 500,000.00	$ 0.00	$	$	$ 500,000.00
2.						
3.						
4.						
5. Totals		$ 500,000.00	$ 0.00	$	$	$ 500,000.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1)	(2)	(3)	(4)	Total (5)
	ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM				
a. Personnel	$ 178,552.00	$	$	$	$ 178,552.00
b. Fringe Benefits	48,188.00				48,188.00
c. Travel	15,000.00				15,000.00
d. Equipment	0.00				0.00
e. Supplies	14,075.00				14,075.00
f. Contractual	34,172.00				34,172.00
g. Construction	0.00				0.00
h. Other	173,514.00				173,514.00
i. Total Direct Charges (sum of 6a-6h)	463,501.00				$ 463,501.00
j. Indirect Charges	36,499.00				$ 36,499.00
k. TOTALS (sum of 6i and 6j)	$ 500,000.00	$	$	$	$ 500,000.00
7. Program Income	$ 0.00	$	$	$	$ 0.00

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	$ 0.00	$ 0.00	$ 0.00	$ 0.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$ 0.00	$ 0.00	$ 0.00	$ 0.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 161,166.00	$ 18,895.00	$ 18,895.00	$ 27,432.00	$ 95,944.00
14. Non-Federal	$ 0.00	0.00	0.00	0.00	0.00
15. TOTAL (sum of lines 13 and 14)	$ 161,166.00	$ 18,895.00	$ 18,895.00	$ 27,432.00	$ 95,944.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	$ 161,166.00	$ 161,166.00	$ 177,667.00	$ 0.00
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 161,166.00	$ 161,166.00	$ 177,667.00	$ 0.00

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges: 10% de minimus rate based on $364,987 direct costs

23. Remarks: Only the first $25,000 of each of 3 subawards is included in indirect calculation

1.0 PROGRAM OBJECTIVES

Project Title: Grassroots Leadership, Education, Safe Water Quality Network in Puerto Rico
Project Location: Puerto Rico, with a focus on rural areas
Applicant Information: Atma Connect, Meena Palaniappan, meena@atmaconnect.org
Brief Description of the Applicant Organization: Atma Connect is a community based organization in Puerto Rico, working to build community resilience by growing grassroots networks and citizen agency. We help residents develop knowledge and solutions and take collective action. Our mobile app, AtmaGo, supports neighbors-helping-neighbors and provides community leaders and local organizations the ability to document, validate, and share the impact they are making in their communities. Our current projects in PR involve connecting local farmers and residents to build food security, training residents in citizen journalism, digital literacy and women's leadership, and developing mutual aid response capability to climate-driven disasters.

Project Abstract: Our project will mitigate the health risks from water contamination stemming from poor and failing septic systems and establish a multistakeholder network to promote near and long-term solutions. In Puerto Rico, drinking water is pervasively contaminated, posing a risk to health, yet residents are overwhelmingly unaware of the problem. With 55% of buildings on septic systems, the problem is widespread and complex, involving lack of public knowledge, lax regulatory enforcement, poverty inhibiting septic system upgrades, and absence of alarms by health professionals. Our project focuses on **five (5)** goals: **(1)** Expand and strengthen a Safe Water Quality Network of residents, community organizations, private sector entities, and health and environmental agencies as the engine to conduct a massive education campaign that mobilizes Puerto Ricans to come together and collaborate towards short and long-term solutions; **(2)** Disseminate to residents guidance, tools, and affordable and no-cost options for testing water and septic systems; **(3)** Assist homeowners and building owners to access public funding programs for septic system upgrades (such as EPA, FEMA, and USDA); **(4)** Engage academics and health professionals to collaborate on data gathering to assess health impact from contaminated water; and **(5)** Collect Lessons Learned from this project. Our ultimate goal is to facilitate the engagement of residents, especially from disadvantaged communities, in promoting impactful solutions that will ensure safe drinking water throughout the island. The network will be a durable resource for addressing this complex issue, and additional water safety issues, such as PFAS.
Project Type(s): Training and public education; Development of a Safe Water Quality Network
Special Considerations: Climate Change and Disaster Resiliency, Rural Areas
Environmental Issues: Puerto Rico's water is highly contaminated, mainly by leaking septic systems. One of the largest sources of water quality problems is the widespread existence of old and substandard septic systems that are discharging into groundwater. Studies from 2012 estimate the number of domestic septic tanks in Puerto Rico at approximately 560,000 built under minimal regulations. These septic tanks directly or indirectly discharge approximately 165 mgd of sanitary water into the island's environment, and nearly nearly 70% of residents are receiving tap water with illegally high levels of bacteria and other contaminants
List of Project Partners: Asociación Enlace, Environmental Protection Network, Finca Higuaca, SaniPlant, University of Puerto Rico, Northwestern University
QAPP for your project? Yes **Small CBO Set Aside Track for $150,000 projects?** No

ED_016126_00001244-00001

1.b. Environmental and Public Health information of the Underserved Community:

Puerto Rico has been historically underserved for decades,[1] and especially over the past five years, as hurricanes Maria and Irma devastated the island and left residents without power and water for weeks, with some customers not connected to power today.[2] Puerto Ricans live in widespread poverty, as the island's average household income is about one-third of the U.S. average, and its poverty rate is more than twice that of the poorest state.[3] Meanwhile, the territory's unemployment rate has stayed at almost twice the national average for the past decade, at times reaching double digits.[4]

The effects of these devastations - natural, economic, and leadership - on Puerto Rico's water supply have been particularly pronounced. As noted by Mekela Panditharatne, an attorney at the Natural Resources Defense Council, in her Washington Post article,[5] most Puerto Ricans were not accessing consistently potable water before the storm pummeled the island's already strained infrastructure. Nearly 70% of residents were receiving tap water with illegally high levels of bacteria and other contaminants.[6] PRASA, the Island's water company, pled guilty to violations of the Clean Water Act repeatedly in the past[7]. San Juan, the capital of Puerto Rico and the most populous municipality, was named the city with the worst water in the U.S. last spring by the Natural Resources Defense Council. Additionally, water quality in Puerto Rico is worsened by flooding and sea-level rise associated with Climate events.

In 2016, the EPA stopped providing funds for Puerto Rico's water authority. This was a financial decision; Puerto Rico's water authority is in debt (as is the electric company). Once it failed to pay back EPA loans, it lost access and couldn't continue using those funds. But PRASA was in serious trouble before that, as it had been falsely announcing infrastructure upgrades when, in fact, it was not actually making those upgrades.

PRASA reached a settlement with the EPA in 2015 for, among other things, releasing raw sewage into the water system. The EPA charged that "the overflows from PRASA's collection system present an imminent and substantial endangerment to persons who come into contact with discharged waters contaminated with raw sewage."

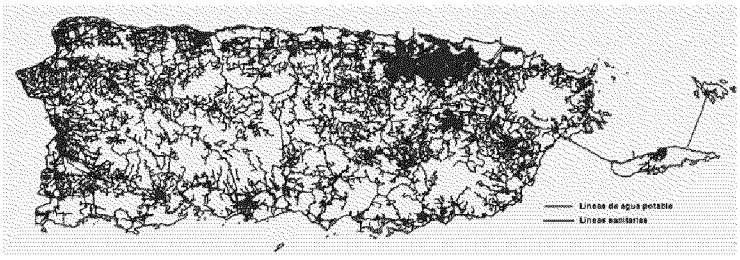
A USGS study in 2018 found widespread contaminants, including lead in 64% of samples and copper in 100%. A follow-up study some months after this found that contaminants from pesticides to pharmaceuticals to artificial sweeteners were present at levels harmful to human health in every sample.[8]

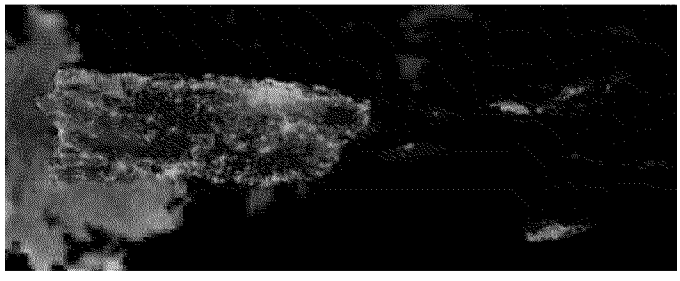
One of the largest sources of water quality problems is the widespread existence of old and substandard septic systems that are discharging into groundwater. Many systems are more than 20 years old and were poorly constructed from the outset. Due to poverty, a substantial number of households cannot afford to upgrade faltering systems. Studies from 2012 (Quiñones, 2012) estimate the number of domestic septic tanks in Puerto Rico at approximately 560,000 built

[1] https://www.cfr.org/backgrounder/puerto-rico-us-territory-crisis
[2] https://abcnews.go.com/US/hurricane-fiona-puerto-ricans-frustrated-electric-grid-infrastructure/story?id=90262537
[3] https://www.census.gov/library/stories/2019/09/puerto-rico-outmigration-increases-poverty-declines.html
[4] https://www.cfr.org/backgrounder/puerto-rico-us-territory-crisis
[5] https://www.washingtonpost.com/outlook/fema-says-most-of-puerto-rico-has-potable-water-that-cant-be-true/2017/12/21/cf8d8ce0-e511-11e7-a65d-1ac0fd7f097e_story.html
[6] https://www.puertoricoreport.com/how-safe-is-drinking-water-in-puerto-rico/
[7] https://www.epa.gov/archive/epapages/newsroom_archive/newsreleases/626e0f8e5317c6508525716a006257e8.html
[8] https://www.sciencedirect.com/science/article/pii/S0048969721027923?via%3Dihub

under minimal regulations.[9] These septic tanks directly or indirectly discharge approximately 165 mgd of sanitary water into the island's environment. While the regulations have since been revised, regulatory enforcement is spotty and local septic system professionals (members of our team) inform us that building owners frequently ignore compliance.

The website https://www.recursosaguapuertorico.com/Pozos-Septicos-P2.html shows a graph by PRASA on their distribution of drinking water pipes and sanitary water collection trunks. The website states that there is no data on the location of most of the septic tanks in Puerto Rico; however, it is possible to obtain an idea of the zones or regions on the Island where residential septic tanks predominate by seeing a lack of sanitary water collection trunks (in red), compared to the availability of drinking water distribution pipes (in blue). Moreover, any satellite nocturnal image of Puerto Rico obtained from these past 10 years showcases the population density spread across the Island, as seen in the following 2019 night image obtained from Twitter repost by @Tíratepr.





The use of septic tanks is widespread. PRASA's records establish that of approximately 1.2 million of its residential customers, 41.5% are not connected to its sanitary system and discharge used water into septic tanks, directly into the land, or into bodies of water. Likewise, PRASA estimates that 20,555 commercial clients, 3,801 municipal and central government facilities, and 231 industries discharge their sanitary water to structured septic tanks.[10]

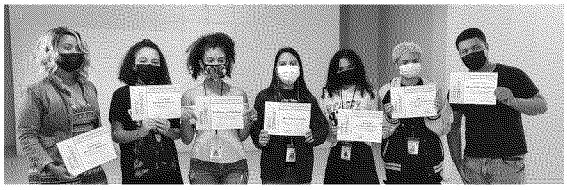
The vast scope of the septic system contamination is daunting, yet our informal survey reveals little to no public awareness of the contamination or the health risks. Water contamination of this nature has been linked to chronic illnesses, including cancers, immune system dysregulation, thyroid issues, and more.[11][12] High levels of exposure to common pollutants in the water have been shown to affect human fertility, and result in low birth rate babies[13], babies with learning disorders, lowered testosterone[14] and sperm count in men who were exposed in utero, and a host of other problems passed on, invisibly, to the next generation.[15]

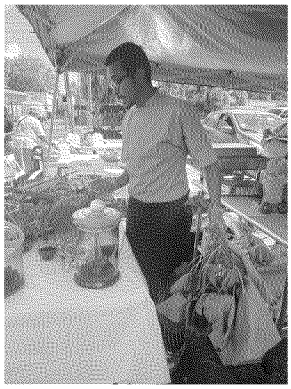
1.c. Organization's Historical Connection to Underserved Community:

Since 2017, Atma has worked in Puerto Rico to establish a broad network of partners to launch projects that strengthen community ties and address community needs, especially with respect to disaster resilience, health, environmental justice, digital inclusion, women's leadership and

[9] http://hstrial-fredquinones.homestead.com/Pozos_Septicos_en_PR_por_Ferdinand_Qui__ones__Abril_2012.pdf
[10] Related orally
[11] https://www.clearlyfiltered.com/blogs/blog/how-water-affects-thyroid-health
[12] https://www.cancercenter.com/community/blog/2020/05/drinking-water-cancer-risk
[13] https://blogs.princeton.edu/research/2013/10/09/contaminated-water-linked-to-low-weight-babies-prematurity/
[14] https://www.urologytimes.com/view/testosterone-levels-show-steady-decrease-among-young-us-men
[15] https://www.sciencedaily.com/releases/2009/01/090118200636.htm

community behavior change. We have a network of over 50 community based and environmental justice organizations in Puerto Rico with whom we work on resilience projects. Our efforts cause us to consult regularly and design programs with diverse social organizations, such as National Park Service's San Juan National Historic Site, the Instituto de Participatión Ciudadana del Municipio Autónomo de Toa Baja, the Centro de Calidad de Vida Puerta de Tierra, Fundación Nacional para la Cultura Popular, Corporación La Fondita de Jesús, the G8, Comité de Desarrollo Social y Cultural de Daguao Inc., and of course, the partners who comprise our team for this project.





Atma Connect specializes in supporting mutual aid after disasters (especially through its mobile app, AtmaGo, that coordinates neighbors-helping-neighbors), and mobilizing citizens to address community needs through ongoing collaboration with community organizations and decision-makers In Puerto Rico, Atma has offered educational workshops in which 285 people were trained (a mix of in-person and online) in digital literacy, disaster resilience and women's leadership (98 women participated in the latter). Atma reached 76,000 views in Puerto Rico with our online content for women leaders.

Atma trained 115 Puerto Ricans in citizen journalism, using our hyperlocal social network AtmaGo, (pr.atmago.com), designed for grassroots information sharing and neighborhood building. Workshop participants indicated 99% trust in the information being shared on AtmaGo (compared to only 7% of Americans trusting in mainstream media).[16]



Recently, Atma has been working with farmers and community-based organizations on promoting island food security, including Garrochales Produce, the Red de Huertos del Caño Martín Peña, Cómite Pro Desarrollo Maunabo, and Cómite Desarrollo Social y Cultural Daguao. Our program encourages Puerto Ricans to tend community gardens. Currently, we are also hosting farm-to-table community events with local growers and chefs to encourage young people to become interested in food farming in Puerto Rico.

Moreover, Atma has been focused on building community resilience with the government, communities and community leaders. In Collaboration with the National Parks Service' San Juan National Historic Site, we conducted a virtual series, Voces de la Communidad, that brought to the attention of the listening public the history of the participating communities, current issues each community faces, and highlights of the work of community leaders.

1.d. EJCPS Model

Our project to address drinking water contamination is informed by and supports the

[16] https://news.gallup.com/poll/355526/americans-trust-media-dips-second-lowest-record.aspx

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Environmental Justice Collaborative Problem Solving 7 step model shown above, as described below:

1: Issue Identification, Community Vision & Strategic Goal setting: In the course of our work with vulnerable communities to improve food security and resilience, we became interested in addressing the lack of drinking water after disaster incidents. Our studies uncovered the shocking fact that drinking water is contaminated across the island and yet few residents know about it, nor is it a significant action item for public health officials or policy decision-makers. To address an important source of water contamination - poor and failing septic systems - requires broad public awareness of the problem and health risks, leading to calls for public and private interventions. Our project's initial goal is to raise public awareness of the link between poor septic systems and widespread water contamination and consequent health risks in Puerto Rico.

2: Community Capacity Building and Leadership Development: For this project, we leveraged our existing relationships to assemble the initial diverse coalition of players - CSOs, academia, government, the private sector, universities, and arts groups - who are committed to working together to educate diverse stakeholders about the water contamination problem and what they can realistically do about it. The coalition will broaden throughout the project and strengthen into the Safe Water Quality Network. Key ways we will build capacity and leadership are: (i) Train citizen journalists and help them to place fact-driven stories in diverse outlets, including social media, school papers, community organization bulletins, church newsletter (or other religious group), media etc; (ii) Through outreach, direct residents to an online knowledge resource to learn about the problem and potential solutions encompassing policy and enforcement changes, and connect them to DIY testing or professional testing and infrastructure servicers; (iii) Introduce the Safe Water Quality Network to government officials to request co-creation of policies and plans that address septic system hazards (and eventually other concerns) to the water supply; (iv) Bring educational material to public spaces - critical to reaching hard to access rural populations; (v) Encourage health officials and academic researchers to develop and report data on health effects of septic-system related water contamination; (vi) Encourage professional societies and business leaders, such as realtor associations and mortgage lenders, to inform building purchasers about septic system hazards and low-cost methods for testing and making upgrades; (vii) Enable interested parties to access existing government programs that offer resources for upgrading septic systems.

3: Consensus Building and Dispute Resolution: While everyone wants good water, the contentious question is always, who pays the costs of septic system remediation? By informing and connecting diverse stakeholders, we are working to create community-wide consensus around the importance of action to address the poor quality of drinking water in Puerto Rico. At this early stage, our first objective is widespread problem recognition. Should the problem be disputed, we believe that by encouraging health officials and academic researchers to develop and report data on water pollution and related health consequences, we equip advocates with facts and tools needed to effectively disarm those who may dispute the claim that drinking water is contaminated in Puerto Rico.

4: Multi-Stakeholder Partnership and Leveraging of Resources: The widespread water contamination that stems from poor and failed septic systems is a complex problem that must be addressed from numerous angles and will necessarily require a multi-stakeholder approach over

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an extended period. Our project uses a broad coalition to raise awareness of the problem across the general public and with key stakeholders, as well as to initiate some near-term remediation actions. Our partners each bring some critically valuable resources to the project. In some cases, they are contributing subject matter expertise, which will be leveraged for developing factual educational information about the problem and possible actions. In other cases, they bring the ability to convene key stakeholder groups, which is important to raising public awareness. Those with water testing expertise will contribute by training residents how to conduct a home water quality assessment. To forge long-range solutions to this challenging problem will necessarily involve multi-stakeholder partnerships. For example, we will bring health professionals and environmental research academics together in order to encourage them to work collaboratively to build data that persuasively demonstrate the linkage between contaminated water in Puerto Rico and health consequences.

5: Constructive Engagement: A principal objective of this project is to provide a central meeting place for diverse stakeholders to share information and connect around advocating for healthy drinking water and better standards and enforcement for septic systems. Atma developed its digital infrastructure, AtmaGo, expressly for the purpose of linking diverse voices and groups so they could effectively engage with each to build more resilient communities. (AtmaGo has reached 10M people in Indonesia, where it has been deployed for 7 years). In Puerto Rico, water contamination from septic system failure is impossible to address as a single-cause problem, nor does it lend itself to a single solution or a quick resolution. Instead, it presents an outstanding example of a complex environmental justice issue that requires a sustained collaborative effort by numerous stakeholders. This project seeks to strengthen the multistakeholder coalition, the Safe Water Quality Network, and provide virtual and in-person meeting grounds for such stakeholders to work together in a constructive manner on near and long-term remediation strategies.

6: Sound Management and Implementation: Atma has an impressive track record of leading projects for major organizations, including Mercy Corps, Red Cross, USAID, CISCO, Nature Conservancy, and others. It has received various prestigious awards for successfully implementing projects that engage communities and result in beneficial impact. Atma's CEO is an environmental engineer with substantial experience in water management programs. Atma has a major role in implementing the recently awarded USEPA Environmental Justice Thriving Communities Technical Assistance Centers program. Atma's Director of Partnerships formerly directed stakeholder engagement and public-private partnership for FAA's NextGen Airspace Program ($13B public-private partnership) and numerous NASA multi-stakeholder programs (including the $150M program that spawned drones). Atma's BOD has included high-credential people (senior directors at Green Carbon Fund, Amazon, Build It Green, Earth Justice) and its program staff and financial staff are highly experienced at timely and accurate management and reporting.

7: Evaluation, Lessons Learned, and Replication of Best Practices: Atma is a leader in promoting impact evaluation of community-based projects and it practices a rigorous assessment of projects it leads. Atma's assessment practices involve (i) identifying the project's theory of change; (ii) creating clear goals and measurable milestones; (iii) involving stakeholders in project formulation and evaluation; (iv) capturing impact stories and data, and sharing them widely; (v) inviting post-project review by team members, sponsors, and key contributors. Atma shares lessons learned through the Ashoka network of Changemakers

(Atma's CEO is an Ashoka Fellow), and through published articles and interviews. Atma also reapplies best practices from its own experience and from others in its work.

1.e. Project Linkages:

All citizens deserve to have access to safe drinking water. Unfortunately, in Puerto Rico, the drinking water is highly contaminated, something residents have not been made aware of. Puerto Rico is poor, with 51% of the population living at or below the poverty line, a level much higher than any of the 50 states. 1800 families' income does not exceed $5,000 per year, and the median household income is just $22,000 annually. Moreover, Puerto Rico has been devastated by two hurricanes and is likely to face continuing disruption and damage from storms and rising sea levels. Climate change worsens water quality on the island. Much of the problem with water quality is in remote rural areas which we will take a creative approach to reaching through schools, and a traveling interactive exhibition.This project responds to the EPA's Strategic Plan, Goal 2, Objective 2.1, "Promote Environmental Justice and Civil Rights at the Federal, State, and Local Levels" because it enables poor, underserved and vulnerable communities to identify and understand the causes of an environmental health hazard and helps them to mobilize the public and key stakeholders in order to access the decision-making process so appropriate steps are taken to create a healthy environment in which to live.

1.f. Partner and Collaboration:

Organization	Relationship	Role in Partnership
Asociación Enlace Asuntos Comunitarios de Sabana Seca	Subgrantee for community engagement activities as specified	**Center for Community Re-education and Integration**: Will hold workshops of home water quality assessments in Toa Baja, Toa Alta, Dorado, and Cataño, potentially expanding to other municipios and will hold activities to insert the community in the participation of improvements to the septic wells and runoff waters in their community. i.e:Science Fairs or school competitions. **Data Collection**: Will encourage citizens to use available financing and provide guidance, and will provide and/or do reach out to provide locations and events to present the exhibition. **Testing Center**: Will collect community data in Toa Baja, Toa Alta, Dorado, and Cataño, potentially expanding to other municipios on Water Quality, Septic Tanks, and Contaminated runoff water. **Connection Activities**: Will serve as a liaison between Atma and other organizations of interest, such as our partners the Environmental Territorial Board and National University College, that can collaborate or participate in this project.
Environmental Protection Network	Non profit partner, non financial relationship	Staff will serve as a navigator to connect Atma Connect to experts within our volunteer network, as well as other technical assistance providers across the country. Our national network of volunteers (including scientists,

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		lawyers, engineers, economists, and others with decades of experience in environmental regulations, grants, bureaucracies, and policies), their connections inside and outside of government, and their vast experience with federal grantmaking. EPN volunteers are tracking closely the new PFAS regulation and will work to advise the water quality network in Puerto Rico about how to access resources to address PFAS pollution in Puerto Rico
Finca Higuaca	Private sector partner, non financial relationship	Connecting Atma`s team to networks of farmers from the southwest of Puerto Rico, schools, Yauco and Guánica municipalities and community organizations and volunteers so that we can provide trainings and resources to these networks of organizations about water quality, through an engaging interactive exhibit. We will also support in helping to apply for grants to help fund these septic system and water quality improvements.
SaniPlant	Private sector partner, non financial relationship, provider of in-kind and volunteer services	Assist in providing technical assistance to community organizations, presenting at schools, and providing low-cost septic system testing and training
Northwestern University, Medill School of Journalism	University Partner, provider of in-kind services through existing funded scholarship program for graduate environmental journalism students	Will collaborate to provide outreach communications by graduate science and environmental journalism students who will report on water quality issues and solutions in Puerto Rico. The Medill Comer Foundation Scholarship program facilitates compelling techniques for reporting on science, the environment and climate change. We network with top environmental scientists from across the country and travel to report on stories of international concern.
Ingrid Padilla, University of Puerto Rico	University of Puerto Rico Professor of Hydrology, in-kind services	Will provide expertise and guidance on water quality issues so they can be shared with local people, organizations, and institutions in Puerto Rico.

In addition to these partners, we have reached out to, and are in conversation with these individuals and entities, and will be collaborating with them during the implementation of the project:

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Mr. Raul Santini, Departamento de Recursos Naturales y Ambientales
Mrs. Johanna Concepción, Dewey University, for volunteers to develop the exhibit
Mr. Carlos Velázquez-Figueroa, RCAP Solutions, Rural community solutions non profit
Mrs. Mayra Toro, Secretary, Environmental Health Division of the PR Department of Health
Mrs. Evelyn Huertas, USEPA Caribbean Region

We will also bring to the collaboration our extensive network and add additional partners as the project progresses. Atma Connect has been working in Puerto Rico over the past several years, and in implementing our projects including Voces de Comunidad, De la Tierra a tu Mesa, and resilience projects, we have partnered with over 50 community based organizations, government agencies, elected officials, private companies, and non profit organizations. Including:

- **Community Based Organizations:** Asociación Comunitaria Llanos Tuna; Coorporación Palo Seco Hacia Adelante; Asociación de Vecinos de San Juan (AVISAJ); Comité de Desarrollo Social y Cultural de Daguao Inc.; Movimiento Social Naguabo Somos Todos; Corporación Piñones se Integra; G8; Barrio Obrero San Ciprián; Garrochales Produce & Garrochales Clásico; Impacto Comunitario La Perla; Programa de Conservación de Murciélagos de PR; Brigada PDT; La Fondita de Jesús, Asociación Enlace Asuntos Comunitarios de Sábana Seca, Semillas de Esperanza, Inc.; Team Warrior News; GRUET
- **Government offices:** Joint Chiefs Landscape Restoration Partnership; National Parks Service's San Juan National Historic Site; Centro de Calidad de Vida de Puerta de Tierra; Instituto de Cooperativismo y Participación Ciudadana del Municipio Autónomo de Toa Baja; US Fish and Wildlife Service
- **Non Profit Organizations:** Mercy Corps; American Red Cross, Puerto Rico Public Health Trust;
- **Private Organizations (donors for Puerto Rico):** First Bank; Vodafone; Tito's Vodka
- **Other types of organizations, including schools and universities:** Escuela Superior José Vizcarrondo Añeses; Finca Escuela de La Perla; Women in Ag Science; Urbana Planifica; Colegio de Agrónomos; Universidad de Mayagüez

2.0 Project Activities / Milestone Schedule / Detailed Budget Narrative

2a. Project Activities

Goal 1: **Expand and strengthen a Safe Water Quality Network of residents, community organizations, private sector partners, and health and environmental agencies as the engine to conduct a massive education campaign that mobilizes Puerto Ricans to come together and collaborate towards short and long-term solutions to water contamination from failing septic systems.**
Outcome 1: Puerto Ricans are educated about the water quality issues on the island, and at least 75% of those reached by our educational content state they will take action on water quality, (e.g., test water quality, contact their elected official, share with neighbors, apply for funding to improve septic systems) when surveyed.

Task 1.1 Make widely accessible, on a website, translated, community friendly short form content, including material from https://www.epa.gov/septic/septicsmart-education-materials so that it is actionable for the public of Puerto Rico on septic systems, water contamination,

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mitigation measures, and serves as a homebase for the projects' work.
Milestone 1.1.1 Create short form and accessible content based on expert information from partners as specified above including SaniPlant, University of Puerto Rico, EPN, and other collaborators including USEPA, DRNA, PR Health Department, and others, and engage community members in creating peer to peer content that spreads this information widely.
Milestone 1.1.2 Create a website home, and upload comprehensive content of Milestone 1.1.1.

Task 1.2 Execute media, social media and in-person campaign to spread information on water quality.
Milestone 1.2.1 Reach at least 75,000 people with social media and media content that leads to behavior change to improve water quality. Measure this behavior change in surveys.
Milestone 1.2.2 Crowdsource stories of change from local people and community leaders about water quality and spread via media and social media.
Milestone 1.2.3 Create an interactive traveling exhibition on how water quality is affected by septic systems so that people can experience first hand and in a sensory way the importance of proper waste water treatment.
Milestone 1.2.4 Introduce the traveling interactive exhibition about water quality, in a minimum of 10 stops, at venues including malls, art galleries, hotels, schools and other public spaces. We expect to reach a minimum of 200 people per stop, for a minimum total of 2,000 people.
Milestone 1.2.5 Three Citizen Journalism Trainings (CJT) in partnership with Northwestern University School of Journalism to train community leaders and youth in schools, communities, on citizen journalism related to water quality. Training of at least 50 leaders and youth.

Task 1.3 Initiate the Safe Water Quality Network bringing together affected communities, decisionmakers, and stakeholders and explore opportunities to coordinate and have ongoing collaboration.
Milestone 1.3.1 Map of decision makers created.
Milestone 1.3.2 Host first meeting where decision makers and affected communities can explore ongoing interaction to promote improved water quality

<u>Goal 2</u>: Disseminate to residents guidance, tools, and affordable and no-cost options for testing water and septic systems
Outcome 2: Increase in number of Puerto Ricans with information on water quality, with the tools and information needed to test their own water supply and septic systems, so that they can take informed steps to protect their health.

Task 2.1. Identify and source a list of approved water and septic system testing kits, with information on cost, where to procure, and the parameters tested, with our partners.
***Milestone 2.1.1*:** Identify resources for water quality testing with information on cost, where to procure, and the parameters tested.
***Milestone 2.1.2*:** Identify resources for septic system testing with information on cost, where to procure, and the parameters tested.

Task 2.2 Widely disseminate resources for water quality and septic system testing.
***Milestone 2.2.1*:** Disseminate these resources online and as part of the traveling exposition experience (Milestone 1.2.3 and Milestone 1.2.4).
If water quality testing kits are made available at low cost to Atma Connect, these will be distributed, and a small number are in the budget to be disseminated. If low or no cost reliable

tests are available we will procure and disseminate further. Additionally, we will collaborate with Government and Academic institutions to connect to existing databases online so that residents can upload their tested information. We will create a QAPP for this data.

<u>Goal 3</u> Assist building and homeowners to access funding sources such as EPA, FEMA, and USDA for septic system upgrades
Outcome 3: Those with connections to buildings with septic systems (homeowners, realtors, commercial property owners) will gain funding for upgrades to their septic systems.

Task 3.1. Conduct a widespread outreach and public information campaign as part of the traveling exposition, targeting homeowners and building owners, letting them know about the availability of funds for upgrades.
Milestone 3.1.1 Document that information on septic system resources have reached over 1000 people through our online and offline programs.
Milestone 3.1.2 Document over 100 Puerto Ricans, both homeowners and commercial property owners trained in applying for septic system upgrades. This will be done through the town hall meetings as described below.

<u>Goal 4:</u> Connect residents to official information and encourage academics and health professionals to collaborate on data gathering to assess health impacts.
Outcome 4: Residents have access to official information from the academic, health, and government community so they are informed and can take action to protect their health.

Task 4.1: One or two townhalls with academics and health professionals and engaging 100 people in receiving information on water quality and getting resources to protect it.
Milestone 4.1.1 Conduct townhalls with academics and health professionals and the community.

<u>Goal 5: Collecting Lessons Learned</u>
Outcome 5: Improve water quality regulation, enforcement, and engagement in Puerto Rico by ensuring the lessons learned are collected, recorded, and shared.

Task 5.1 Creation of reports, surveys, and interviewing participants on the success and learnings of the program, and what needs to be improved
Milestone 5.1.1 Workshop with program partners to deconstruct successes and failures of the program
Milestone 5.1.2 All reports shared with program partners, funders, the US Government, and local municipal governing bodies.

2.b. Milestone Schedule

Table:Project Timeline

	Year 1												Year 2											
Month:	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
Goal 1																								
Task 1.1																								
Milestone 1.1.1																								
Milestone 1.1.2																								

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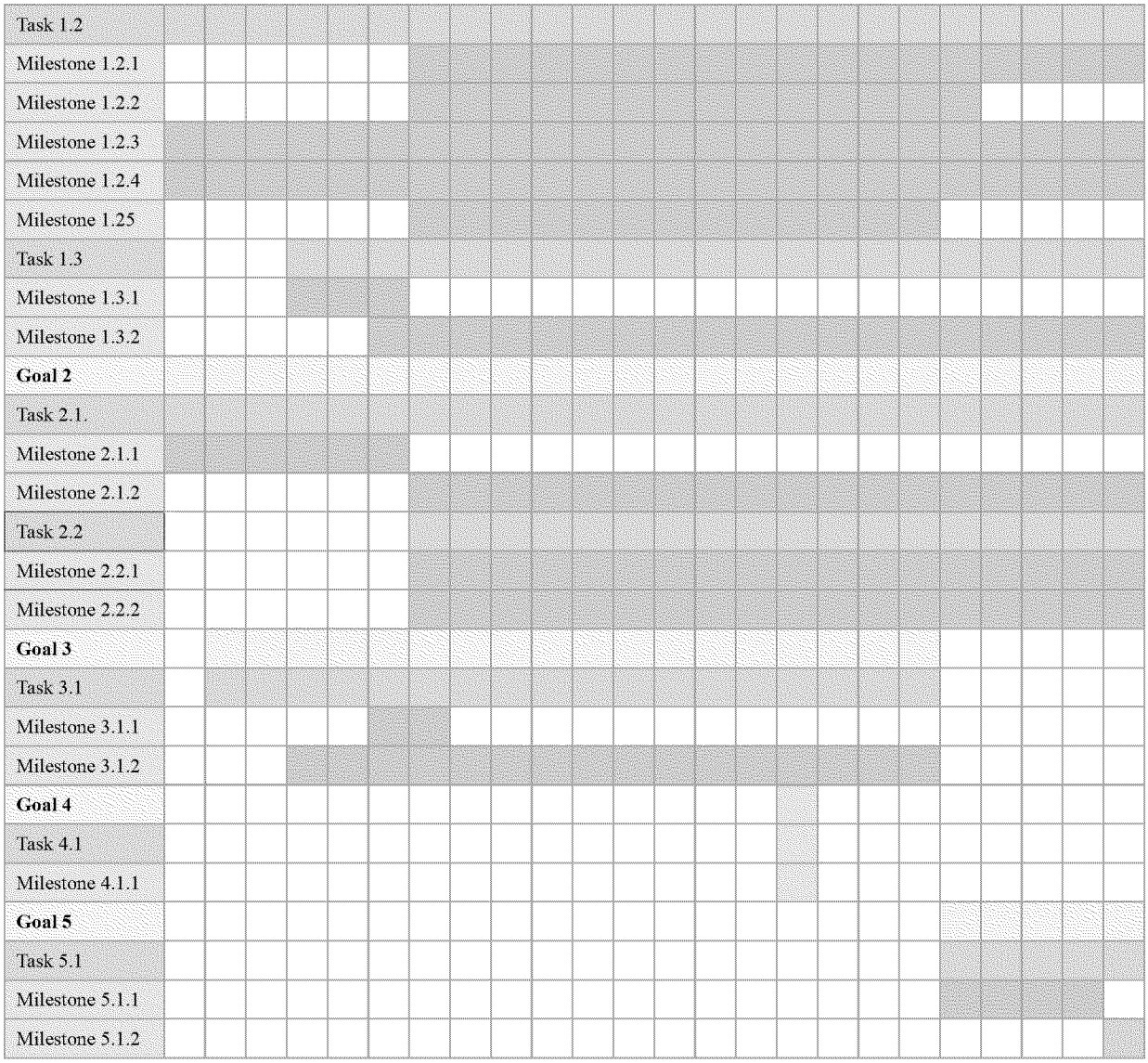

2.c. Itemized Budget Sheet / Budget Narrative: See Attached Budget and Budget Justification

3.0 Environmental Results – Outputs, Outcomes, an Performance Measures (Logic Model)

3.a. Environmental Results (Logic Model): See Attachment in Other Attachments

3.b. Performance Measurement Plan

Based on the defined outputs and outcomes, we have an extensive system of tracking every person reached in person and online, and measuring behavior change. Our online systems are realtime and offline activities are tracked and recorded meticulously weekly in our databases and reviewed monthly through our Organizational and Project KPI data review. We collect detailed quantitative data (how many people, women, youth, professionals), evidence of activities including photos and quotes from participants, and survey data. We also collect quantitative data from our app and social media channels, the collection of qualitative data based on user interviews and focus-groups. Our internal data is gathered through analytics

services such as Google Analytics and Mixpanel. This is reviewed monthly and is presented to USEPA as requested, weekly, monthly, quarterly, or annually.

We will measure behavior change throughout the project to report outcomes. We have extensive experience doing this in online and offline surveys. Atma will use survey data as the main method of measuring behavior change metrics over the course of the project, as is our standard measurement procedure which we have had great success with in the past.

These surveys will be delivered previously to all training sessions, as well as distributed online. A pre survey will also be given to participants at training sessions, speeches, town halls, at the interactive exhibit measuring current levels of awareness and willingness to take action.

The main measurement goals we will be targeting will be:

- 75% of Puerto Ricans surveyed indicate they would change their behavior to access improved water quality (including testing septic systems, drinking water quality testing, accessing financial resources, advocating for improved policies and resources)
- 75% of Puerto Ricans surveyed said their knowledge of water quality increased
- 60% of Puerto Ricans surveyed said they would share information they received about water quality with their neighbors, family, and community
- 75% of Puerto Ricans surveyed said they would upgrade their systems if funding was made available

3.c. Sustainability Plan and Environmental Justice Integration

Our theory of change is that once Puerto Ricans come to learn that their drinking water is contaminated, and that the contamination may cause health consequences for the current and even future generations, they will be incentivized to seek remediation and meaningful solutions. The nature of the water contamination problem stemming from septic system failure is not given to simple and quick fixes. Our objective is to raise awareness of the problem and its serious health implications, and demonstrate some near-term mitigation strategies, such as water quality testing and access for building owners to public programs that offer funding for septic system upgrades.

Importantly, we intend that the network of players established and strengthened in the course of the project, The Safe Water Quality Network, will be a viable *ongoing* vehicle for representing community priorities to decision-makers. We have intentionally created a project task that involves introducing The Safe Water Quality Network to key decision-makers so they come to see the SWQN as an entity that can facilitate the involvement of affected stakeholders in policy development, data gathering, or program implementation, as needed. Similarly, we created a project task to map key decision-makers so the SWQN has a roadmap of who it will need to continue to interact with after the project concludes.

We believe the traveling exhibit that forms a key part of our outreach methodology is especially durable; it can be used to educate community members long after the project terminates, and will appeal to all age groups. We will ensure that a member of the SWQN takes stewardship of the exhibit and commits to continue its deployment after the project concludes. The educational materials that we assemble for the Safe Water Quality website (another project task) will be maintained as a knowledge resource beyond the life of the grant by Atma. Of course, the

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SWQN represents an important set of relationships that can be tapped in the future for other water quality initiatives, such as PFAS, which has already been identified in the Puerto Rico water supply.

Atma has a long term interest and has continuously maintained our online knowledge sharing hubs through the support of multiple partners including private sector partners. We are continuously operational in supporting community resilience in every community we enter.

4.0 Programmatic Capability

4.a. Organizational Experience

Atma Connect is a community based organization that creates bottom up networks and amplifies community voices towards environmental justice and community resilience. We believe in the power of "people helping people" and that people are resourceful and ingenious and it is their voices, solutions and ideas which need to drive community development activities. Atma Connect builds resilience among people through resilience events, trainings and workshops, and with our platform for neighbors helping neighbors—AtmaGo (https://pr.atmago.com/). We have been working in Puerto Rico since 2019, after the island was devastated by Hurricane Maria, and we are connecting people and communities across the island to build resilience. Our platform has reached over 10M people in Indonesia, and is also in Ukraine.

Atma has won numerous awards for its innovative and impactful approaches, which include solutions that can locate and support hard-to-reach individuals and communities striving to bring environmental justice to their communities. Atma's track-record includes:

- A peer-to-peer local disaster response network that reached millions of people and supports "mutual aid," where neighbors help neighbors;
- A peer-to-peer community development portal where community groups can promote their activities, coordinate volunteers, and showcase their impact;
- A Covid-19 info and peer to peer communication platform that reached over 3.5M people. In a survey, 85% of user said they changed their behavior after interacting with the platform; covi19.atmago.com
- A knowledge sharing exchange designed for farmers with limited education, so they can help each other with best practices;
- In-person digital literacy training sessions to help under-included populations, especially women, to access digital tools and resources.

Atma has engaged communities through in-person and virtual trainings and events, and through digital platforms that organizations like USAID, American Red Cross, The Nature Conservancy, and Mercy Corps use to reach front line communities and create behavior change, and brings nearly a decade of work in outreach and community engagement, sponsored by large foundations such as Ford Foundation, and technology companies including Cisco, Qualcomm, Amazon Web Services, and Twilio.

We have extensive experience in financial management of complex awards including being the largest subawardee for the USAID MADANI civil society support initiative in Indonesia to FHI360. We managed $950,000 in funding on a monthly cost-reimbursement basis through

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detailed month by month reporting for 4 years. Our budget for this project increased every year because of Atma's superior programmatic execution abilities, excellent and timely quarterly program reporting, and strong financial controls and reporting. We've also managed numerous high profile corporate grants of up to $650,000 from Qualcomm and Cisco, among others. We have successfully spent all funds on time and on budget, while delivering high quality impact.

4.b. Staff Experience / Qualifications of Project Manager (PM)

Erika Marrero is the Project Manager, she was born and raised in Puerto Rico. Intrinsically connected to her roots, one of her greatest motivations is to improve the quality of life of Puerto Ricans by giving them the tools to make informed decisions, and thus develop a better country. Erica serves as Project Manager for this grant. Since starting her career 12 years ago, Erika has worked and collaborated with organizations that nurture Puerto Rican culture and value, such as Fundación Dr. Francisco López Cruz, Museo del Mar Maritime Museum, Museum of the Americas, National Park Service's San Juan National Historic Site, the University of Puerto Rico, and other circus and martial arts organizations, such as ACirc, School of Performing Arts and Puerto Rico JuJitsu Academy. At Atma, Erika has been in charge of the design, planning, implementation and community outreach of the Digital Literacy and Citizen Journalism Workshops, the Voces de la Comunidad program, and, more recently, the De la Tierra a tu Mesa project, which lays the foundations for a network between farmers, markets, community and non-profit organizations, communities, and general inhabitants of Puerto Rico to access secure food. Erika is also daughter of a social worker mother, and a PRASA waterways planner father.

Ren Robbins, is Director of Partnerships at Atma Connect, is a seasoned project manager and a recipient of numerous Federal awards for leadership in public-private partnership. As Founder and longtime CEO of the AmTech Center for Collaboration, she developed large scale partnerships, including the NASA- industry partnership to develop drones and sensors for monitoring air quality. She was instrumental in developing the precursor to Relief Web under a grant with the U.S. Department of State. She acted as Partnership Manager for the $18B Federal program to redesign the air transportation infrastructure. The organization she managed administered $500M of government funding to multi-stakeholder project teams for cutting edge research and development. She is deeply involved in social impact work with low income communities and has substantial credentials in the arena of social impact measurement. She is conversant in Spanish.

Meena Palaniappan, CEO, Founder of Atma Connect is in the Project Oversight role, and has worked on Environmental Justice and Citizen Monitoring for over 25 years. She is an Ashoka Fellow, Fulbright Fellow, named in Ideas that are Changing the World, and an awardee of the Million Lives Club. She has worked in EJ since the 90s, prior to founding Atma Connect. She was instrumental in forming the highly successful West Oakland Environmental Indicators Project (https://woeip.org/), which has pioneered community driven environmental indicators. She also helped form Ditching Dirty Diesel, a regional network of environmental justice organizations.These initiatives have measurably improved air quality, infrastructure, and community health in communities, while raising millions of dollars in local and regional funding for environmental justice. In her role as head of Pacific Institute's Community Strategies for Sustainability and Justice Program, she served as Technical Assistance provider to numerous community-led environmental justice efforts across California, and co-authored

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numerous reports including: Neighborhood Knowledge for Change, Paying With Our Health, Community Based Participatory Research and Advocacy.

c. Expenditure of Awarded Grant Funds

Atma Connect as a 501-c-3 non profit organization, and a recognized non profit community organization by the Puerto Rico government, has extensive experience managing U.S. Government Subawards. We will adhere to the timeline and workplan detailed above to ensure timely spending of grant funds according to the agreed upon schedule. The financial team also produces monthly financial reports that are approved through all the levels of financial checks and balances and submitted to donors and partners. Additionally, though we are not required to due to our annual budget size, for the last 5 years we have completed annual financial reviews from an independent auditor, which we have attached 2 in the Other Attachments section.

We have received and managed $950,000 over 4 years a subaward for Civil Society Strengthening from USAID and FHI360 through the $25,000,000 MADANI program. We are managing this large scale cost-reimbursable grant, and will manage this funding in the same format: The Operations and Program Director is responsible for processing all incoming invoices/bills and check requests by preparing the bills for coding. When an invoice or check request arrives, Operations and Program Director reviews invoices and sends to Bill.com. Bookkeeper/ Accounting Firm processes and codes the invoices in Bill.com. The Operations and Program Director and the CEO are notified of the invoices. The assigned Manager reviews and approves the invoice. Once approved and coded, the Bookkeeper enters into Quickbooks as a bill. The Bookkeeper then schedules the bills for payment via Bill.com. The Operations and Program Director and the CEO are notified of the scheduled payment.

Roles and Responsibilities

Name	Title	Years of Experience	Roles and Responsibilities	Separation of Responsibility
Meena Palaniappan	CEO	25	Budget creation, monitoring, and bill approval	Master Admin
Eos de Feminis	Financial Administrator	25	Bill approval according to approved budget	Custom Access
Indra Alfonso	Operations and Program Manager	10	Processing all incoming invoices/bills and check requests by preparing the bills for coding	Company Admin
Smarter Good	Accounting Firm	20	Processes and codes the invoices in Bill.com. Develops monthly reports	Accounting Firm Access

5.0 Past Performance

5.a. Past Performance

1. USAID MADANI Civil Society Support Initiative as a subgrantee to FHI360, Atma Connect implemented digital literacy, citizen journalism, and storytelling for social impact trainings and workshops for 32 Civil Society Organizations (CSO) across Indonesia, created a dedicated Covid-19 (covid19.atmago.com) platform with critical information, free telecounseling, and peer-to-peer behavior change content, we built and socialized a platform for CSO capacity building and technical assistance, simpulmadani.atmago.com.
Total Value: $950,000 Dates: April 2020-Present
Reporting and Execution: We met and exceeded all programmatic and financial reporting requirements for this complex multi-year award. Our reports were submitted on time and we met and exceeded expected outputs and outcomes. Program: Every week, we reported on number of people reached, conducted weekly update meetings with the lead partner, submitted highly lauded quarterly progress reports that exceeded expectations, leading to increasing budgets every year. We exceeded set targets for KPIs every quarter, and submitted progress reports prior to the deadline every quarter. Financial: As a cost-reimbursable subgrant, we submitted monthly financial reports which were submitted on-time and with no errors.

2. Vodafone Americas Foundation We built a women helping women platform to lift up community leaders in Puerto Rico so they can learn from and inspire one another, document and share their impact through an online platform, and gather supporters and resources to expand their work. We also created a Voices of the Community Program to share the successes of women leaders across Puerto Rico.
Total Value: $160,000 Dates: 2018-2022
Reporting and Execution: We completed quarterly and yearly progress reports that were on-time and exceeded all reporting requirements and tracking of outputs and outcomes. We completed financial reports on-time and met all requirements. As a result, we received year over year continued grant funding over three years for work in Puerto Rico.

3. Qualcomm Corporation Wireless Reach: Women's Empowerment and Public Safety Qualcomm worked to empower women through the AtmaGo mobile app. AtmaGo's tools enable women, families, governments and authorities to connect with each other to prevent, detect, respond, and recover from these local issues.An independent evaluation by CIPG showed that AtmaGo increased social cohesion, and reduced mortality, morbidity and economic loss from disaster.
Total Value: $650,000 Dates:2019-2022
Reporting and Execution: We completed online quarterly and yearly progress reports including financial, programmatic and KPI tracking that were on-time and exceeded all reporting requirements and tracking of outputs and outcomes. We completed financial reports on-time and met all requirements. As a result, we received year over year continued grant funding over three years and were highlighted by Qualcomm in a national event as a partner.

4.Cisco Systems: Disaster Preparedness and Resilience Award. Cisco Foundation was the flagship funder who helped Atma to develop and launch the AtmaGo app to improve the resilience of low-income communities in Indonesia and globally so that they can prevent, respond to and recover from disasters and chronic threats. Through our work together, we

reached millions of people with critical information on food, water, shelter, and disaster, and expanded AtmaGo to Puerto Rico to address disaster and community resilience needs.
Total Value: 650,000 Dates: 2017-2022
Reporting and Execution: We completed online quarterly and yearly progress reports including financial, programmatic and KPI tracking that were on-time and exceeded all reporting requirements and tracking of outputs and outcomes. We completed financial reports on-time and met all requirements. As a result, we received year over year increases in grant funding over four years, which was an additional year of funding than Cisco usually provides to its partners because of our above and beyond execution and reporting abilities in line with Cisco goals.

Other Example Awards and Grants:
DFID Amplify Urban Resilience Challenge in partnership with USAID, the Rockefeller Foundation and Global Resilience Partnership (2016 - 2018) - Atma was able to fund citizen journalism, women's empowerment, and pilot CSO partnerships that developed models for using our technology to build the capacities of local governments. **Twilio - Disaster Communication.** With the support of Twilio, In 2019 and 2020, we made significant progress towards our goal to reduce mortality and morbidity in disasters and empower people to prevent the next disaster. We achieved this by expanding the reach and impact of disaster communication for vulnerable communities and by supporting greater numbers of people in crisis and reducing response times. Through this project, Atma reached an additional 2,030,482 people with disaster, crisis, and community information. In addition, we directly reached over 1,000 people through disaster prevention and resilience events.
Reporting and Execution: In all of our work, Atma Connect has met and exceeded programmatic goals for outputs and outcomes, leading to increases in grant sizes for ongoing projects. We have also met and exceeded financial reporting requirements. Everything is completed on time or ahead of schedule. We complete annual audit reviews of our finances although our size does not currently require this.

6.0 Quality Assurance Project Plan (QAPP) Information

This project will require a Quality Assurance Project Plan (AQPP), which will be developed upon notice of award.

Bronx River Alliance

40 C.F.R. 5 and 7 Policies and Procedures

Based on employee handbook

EQUAL OPPORTUNITY EMPLOYMENT STATEMENT

Bronx River Alliance (the Alliance), in recognition of its responsibility to its employees, clients, and to the communities in which it operates, is committed to equality of opportunity. To this end, the Alliance's policy is to comply with the laws, regulations, and orders that provide for and impose obligations on employers with respect to equal employment opportunity.

Accordingly, the Alliance conducts its business and practices in a manner that fully complies with applicable federal, state, and local laws governing equal employment opportunity. The Alliance's compliance with such laws is intended to eliminate discrimination against employees or applicants for employment on account of race, color, religion, sex, sexual orientation, marital status, age, national origin, veteran's status, disability, or other factors unrelated to a person's ability to do the job. To achieve these goals and make the Alliance a stronger organization and a more rewarding place for all employees to work, the Alliance:

- Recruits, hires, trains, and promotes persons in all job classifications without regard to race, color, religion, sex, sexual orientation, marital status, age, national origin, veteran's status, or disability.
- Ensures that promotion decisions comply with the principles of equal opportunity.
- Ensures that compensation, benefits, transfers, layoffs, recall, training, education, social and recreational programs, and similar policies, benefits, and programs are administered without regard to race, color, religion, sex, sexual orientation, marital status, age, national origin, veteran's status, or disability.

The Alliance, through responsible managers and maximum cooperation between management and employees, strives to ensure that all personnel actions are administered in accordance with this policy, so that all employees may enjoy a work environment free from all forms of discrimination.

The Executive Director is responsible for this policy's implementation. Any employee with a suggestion, problem, or complaint should feel free to contact the Executive Director or the Director of Finance and Administration.

The Alliance prohibits any form of retaliation against any employee for filing a complaint under this policy or for assisting in a complaint investigation. Anyone found to be engaged in any type of unlawful discriminatory conduct will be subject to corrective action, up to and including termination.

ANTI-HARASSMENT POLICY

It is the Bronx River Alliance policy that all employees are to be treated with dignity and respect. This standard applies no matter what the interaction and in every phase of operations. It includes interactions with coworkers or third parties who deal with the Alliance. Supervisory personnel who are required to give performance feedback, whether of a positive or negative nature, are expected to do so in a constructive, respectful manner. Action contrary to these types of behavior will not be accepted or tolerated.

Getting to know one another does not give anyone the right to take verbal or physical liberties. Conduct characterized or meant as teasing, joking, playfulness, or even a compliment, can contribute to harassment if it is *unwelcome* by the recipient.

The Alliance does not tolerate any individual verbally or physically harassing any other individual on the basis of that person's color, race, creed, national origin, sex, sexual orientation, gender, marital status, partnership status, age, military status, alienage, citizenship status, domestic violence victim status, disability, genetic information, or any other status protected by law.

The Alliance prohibits all forms of sexual harassment, including unwelcome sexual advances, requests for sexual favors, and other inappropriate verbal or physical conduct of a sexual nature. The Alliance will impose appropriate corrective action up to and including dismissal on any employee who engages in such prohibited action where:

- there is an attempt made to make submission to such conduct a term or condition of an individual's employment; or
- the submission or rejection of such conduct is used as a basis for any employment-related decision; or
- such conduct has the purpose or effect of substantially interfering with an individual's work performance or creating an intimidating, hostile, or offensive work environment.

Reporting Procedure

- Any incidents of harassment or treatment in an unlawful, discriminatory manner, whether personally experienced or observed, should be promptly reported, in confidence, to the immediate supervisor. If employees feel it is appropriate given the particular circumstances, and if they feel comfortable doing so, employees may also communicate directly with the source of the harassing behavior.
- If an employee feels uncomfortable discussing the matter with the immediate supervisor, the incident should be reported directly to the supervisor's supervisor or the Director of Finance and Administration who will make efforts to find a location for a private and confidential conversation and will undertake an investigation.
- If an employee feels uncomfortable discussing the matter with the supervisor's supervisor or Director of Finance and Administration, the incident should be reported to the Executive

Director. If a complaint is against the Executive Director, notification should be made directly to the chair of the board of directors who will undertake an investigation.

- Information regarding a complaint will be held in confidence to the extent possible and will be disclosed only on a need-to-know basis in order to effectively investigate and resolve the matter.
- Supervisors are required to report all complaints brought to their attention to the Director of Finance and Administration and Executive Director or, if the complaint involves the Executive Director, to the Chair of the Board of Directors.

If the Alliance's investigation determines that an employee or third party is guilty of harassing an employee, appropriate action will be taken against the offending individual, including corrective action against an offending employee up to and including termination.

The Alliance prohibits any form of retaliation against any employee who in good faith makes a complaint under this policy or assists in a complaint investigation.

Bronx River Alliance, Inc

Partnership for Urban Waterways in Bronx and Lower Westchester Counties, New York

List of Congressional Districts for Project

NY14

NY15

NY16

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-EPA EJ CPS Itemized Budget Sheet ICC 2023.doc

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-EPA EJ CPS Project Narrative ICC 2023.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. EJ Collaborative Problem Solving	66.306	$	$	$ 325,900.00	$	$ 327,900.00
2.						
3.						
4.						
5. Totals		$	$	$ 325,900.00	$	$ 327,900.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total
	(1) EJ Collaborative Problem Solving	(2)	(3)	(4)	(5)
a. Personnel	$ 102,000.00	$	$	$	$ 102,000.00
b. Fringe Benefits	25,500.00				25,500.00
c. Travel					
d. Equipment					
e. Supplies					
f. Contractual					
g. Construction					
h. Other	200,400.00				200,400.00
i. Total Direct Charges (sum of 6a-6h)	327,900.00				$ 327,900.00
j. Indirect Charges					$
k. TOTALS (sum of 6i and 6j)	$ 327,900.00	$	$	$	$ 327,900.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. EJ Collaborative Problem Solving	$ 0.00	$ 0.00	$ 0.00	$ 0.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$ 0.00	$ 0.00	$ 0.00	$ 0.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 109,300.00	$ 18,217.00	$ 36,433.00	$ 36,433.00	$ 18,217.00
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 109,300.00	$ 18,217.00	$ 36,433.00	$ 36,433.00	$ 18,217.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. EJ Collaborative Problem Solving	$ 109,300.00	$ 109,300.00	$ 109,300.00	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 109,300.00	$ 109,300.00	$ 109,300.00	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: 327900

22. Indirect Charges:

23. Remarks:

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Item	Description	Total
Personnel	Project Manager @ $100,000/year X 7% of time on project for 3 years= $30,000 Project Coordinator @ $48,000/year X 50% of time on project for 3 years = $72,000	$102,000
Fringe Benefits	25% of Personnel Costs for benefits and payroll expenses	$25,500
Other	Sub-Award to NJ Tree Foundation = $100,000 Sub-Award to Ironbound Business Improvement District = $80,000 Indirect Cost of 20% of Total Personnel and Fringe Benefit Costs = $20,400	$200,400
TOTAL		$327,900

budget notes:

$500K total available

$250/tree pit

$62,500 for concrete cuts (250 * 250)

$500/tree

$650-700/tree with concrete cut

120 trees - 40 per year

$78,000

150 trees - 50 per year

$97,500

Resources/Inputs	Activities	Outputs	Outcomes

· Staff time · In-kind contributions · Project Materials, especially trees · Partnering Organizations	• Project start up • Outreach • Planting preparation • Tree Planting • Tree Stewardship and Environmental Justice Workshops	• At least 250 trees are planted in the Ironbound section of Newark, NJ • At least 250 residents and small business owners are educated on proper tree stewardship and addressing quality of life issues • Lessons Learned document is created and made available for other communities looking to address urban heat island effect and increase climate resiliency in their neighborhood	• Tree canopy is increased in the Ironbound section of Newark, NJ, thus improving air quality, mitigating flooding, and lessening urban heat island effect • Residents and small business owners have increased awareness of how to properly care for and maintain trees and know who to go to with the city of Newark to address quality of life issues related to trees, air quality, flooding, and heat

			• A blueprint for community-led, collaborative tree planting exists for other environmental justice communities

Manifest for Grant Application # GRANT13861827

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 22996 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16036 bytes)

2. Form SF424A-V1.0.pdf (size 22833 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40406 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 16029 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23971 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37298 bytes)

Attachments Included in Zip File (total 7):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-Letter of Support Ironbound Tree Canopy Project April 2023 NJTF.pdf application/pdf (size 153566 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-EPA EJ CPS ICC LOGIC MODEL 2023.pdf application/pdf (size 59612 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-IBID ICC SUPPORT LETTER 2023.pdf application/pdf (size 685160 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-ICC-Advancing Environmental Justice-JG.pdf application/pdf (size 120179 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-EPA EJ CPS Itemized Budget Sheet ICC 2023.docx.pdf application/pdf (size 68433 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-MariaLopez Resume 2020.pdf application/pdf (size 374095 bytes)

7. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-EPA EJ CPS Project Narrative ICC 2023.pdf application/pdf (size 371423 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1236-NJEJA IRS Determination Letter (1) (1).pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

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Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-Workplan.Final.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. NJ EJ Education Collaborative		$	$	$ 500,000.00	$ 381,500.00	$ 881,500.00
2.						
3.						
4.						
5. Totals		$	$	$ 500,000.00	$ 381,500.00	$ 881,500.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) NJ EJ Education Collaborative	(2)	(3)	(4)	Total (5)
a. Personnel	$ 380,000.00	$	$	$	$ 380,000.00
b. Fringe Benefits	114,000.00				114,000.00
c. Travel	5,000.00				5,000.00
d. Equipment					
e. Supplies	2,500.00				2,500.00
f. Contractual	70,000.00				70,000.00
g. Construction					
h. Other	310,000.00				310,000.00
i. Total Direct Charges (sum of 6a-6h)	881,500.00				$ 881,500.00
j. Indirect Charges					$
k. TOTALS (sum of 6i and 6j)	$ 881,500.00	$	$	$	$ 881,500.00
7. Program Income	$ 0.00	$	$	$	$ 0.00

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. NJ EJ Education Collaborative	$ 381,500.00	$ 0.00	$	$ 381,500.00
9. N/A	0.00	0.00	0.00	0.00
10. N/A	0.00	0.00	0.00	0.00
11.				
12. TOTAL (sum of lines 8-11)	$ 381,500.00	$ 0.00	$ 0.00	$ 381,500.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 500,000.00	$ 500,000.00	$ 0.00	$ 0.00	$ 0.00
14. Non-Federal	$ 0.00	0.00	0.00	0.00	0.00
15. TOTAL (sum of lines 13 and 14)	$ 500,000.00	$ 500,000.00	$ 0.00	$ 0.00	$ 0.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. NJ EJ Education Collaborative	$ 500,000.00	$	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 500,000.00	$	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges:

23. Remarks: Comms Manager= $60,000
Project Mgr. = $120,000

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NJ EJ Education Collaborative Logic Model

Current Conditions: OBC residents across NJ face disproportionate environmental and public health stressors but lack sufficient capacity to effectively engage in decision-making that affects environmental conditions in their communities.

Desired Outcome: OBC residents across NJ are empowered with sufficient knowledge and expertise to effectively engage in environmental decision-making to help reduce environmental burdens and increase environmental benefits in their communities.

Resources and Inputs	Activities	Outputs	Audience	Short-term Outcomes (6-12mo)	Intermediate Outcomes (12-24 months)	Long-term Outcomes (3+ years)
-Hub Leader staff time -NJEJA staff time -Comms mgr time -Hub member orgs time -Kean U. staff time -NJDEP staff time -Participant time -Website contractor time -Video editor time	-Quarterly meetings of Collaborative Team (CT) of hub leaders and partners -1:1 meetings between Hub Leaders and project manager -Each hub recruits 2-3 organizations to their hubs -Each hub member group recruits 2-3 community members to attend quarterly seminars -Each hub meets twice with its member groups -CT plans youth inclusion -CT investigates credentialing options -DEP pilots curriculum with Hub Leaders -DEP collects feedback -DEP modifies curriculum -CT conducts 4 quarterly seminars	-Recruit 2-3 hub member organizations per hub leader -Recruit 10 participants per hub -Launch media outreach at each hub -Conduct 4 quarterly seminars -15 participants certified -Graduation ceremony -EJ tour conducted -create 10 - 12 virtual modules -Launch website	-Residents and CBOs in OBCs in NJ -Coordinate with TCTAC hubs	-Hub Leaders and members have structure for networking -Hubs have access to curriculum to increase capacity	-Increased outreach capability in each region from social media builds community and inter-community ties -Trained participants use new EJ knowledge base to increase OBC civic engagement capacity	-OBC residents' peer mentoring further expands capacity to participate in statewide environmental decision-making processes and public engagement opportunities -OBC residents are better able to engage in

	-CT solicits and incorporates feedback after each seminar -CT plans and attends EJ tour -CT plans and attends graduation -CT links participants through social media group -Kean integrates seminars into onsite Summer Youth Program -DEP integrates seminars into Summer Youth Inclusion Program -CT and contractor develop modules for website -NJEJA oversees development of web platform by contractor -Communications Mgr. develops social media and marketing strategy				-Certifications give green employment advantages to graduates -OBCs are better prepared to respond/communicate to community emergencies	local processes including green teams, environmental commissions, zoning/planning boards -OBC residents are better prepared to be seated on local bodies -OBC residents are better prepared to develop solutions to community issues

KEAN
John S. Watson Institute for
URBAN POLICY & RESEARCH

Partner Letter of Commitment

April 13, 2023

Nicky Sheats, Ph.D., Esq.
Director, Center for the Urban Environment
John S. Watson Institute for Urban Policy and Research
Kean University

Melissa Miles
New Jersey Environmental Justice Alliance (NJEJA)
PO Box 1398
Summit, NJ 07902

Dear Ms. Miles,

The Center for the Urban Environment of the John S. Watson Institute for Urban Policy and Research at Kean University is pleased to confirm our commitment to serve as an educational consultant in support of the Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program anticipated to start on or about 11/1/2023 for a period of 36 months.

We understand that NJEJA will support this team by acting as the lead applicant and will provide overall project management for the Hub Leaders, hub member organizations and the seminar participants.

Our expectations are that the Center for the Urban Environment will:

- Attend relevant meetings with Hub Leaders and NJEJA
- Recruit member organizations and participants
- Hire Interpreters as needed
- Solicit feedback from member orgs and participants
- Host one hybrid recruiting meeting for local member orgs
- Help plan and attend an EJ tour
- Track financial and non-financial data
- Submit required reports

For our expertise and participation, NJEJA will award the Center for the Urban Environment:

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Potential Seminar Topic Categories and Modules

Framing: Environmental Justice and DEP's Role

- DEP Introduction: What is DEP and what role does it play in EJ?
  Overview of the jurisdiction, functions, and structure of DEP, and how its activities and decisions impact environmental justice. Discussion of premise for these seminars: increasing accessibility of engaging with DEP and environmental decision making for residents of OBCs across the state.
- EJ Advocate Introduction: Purpose of this training for EJ Communities
  Discussion about why such trainings can help equip residents of overburdened communities engage effectively with environmental decisions affecting their communities. Brief overview of best practices for EJ advocacy in NJ.

Regulatory

- Permits
  - How to read a permit and submit comments
    Broad overview of DEP permits including where to find them on the website, key components, what type of information to look for and how to submit comments.
  - Permit examples to demonstrate how to read a DEP permit
    - *Air, Energy & Materials Sustainability (AEMS) permit.*
    - *Water Resources Management permit.*
    - *Watershed & Land Management permit.*
  - Facilitated Discussion

- EJ Law
  - EJ Law and rules overview
    Key elements of NJ's EJ Law and implementation rules, including types of facilities impacted, definition of overburdened communities (OBCs), adversely impacted OBCs, Environmental Justice Mapping and Planning (EJMAP) tool, enhanced public engagement process, and Environmental Justice Impact Statement (EJIS).
  - EJ Law details
    - Environmental Justice Impact Statement (EJIS)
      Purpose and components of an EJIS, the brief summary provided with public hearing announcement, how community members can request access, and how to read and comment on an EJIS.
    - Public engagement requirements and best practices
      Discuss enhanced public engagement requirements for facilities subject to the EJ Law, how to testify at the public hearing, how to submit comments and best practices to enhance community engagement.
    - Environmental Justice Mapping and Planning (EJMAP) tool
      Demonstration of how to use EJMAP, navigate tabs, and find information using an example location.
  - Facilitated Discussion

Environmental Tools

- Overview of environmental monitoring and data tools
  Overview of environmental monitoring including, goals, limitations, and environmental data tools available on DEP's website.

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- Tool demonstration
  - What's in My Community Tool: AEMS and SRP tools
    Demonstration of how to use the AEMS and SRP What's in My Community tools.
  - DEP DataMiner
    Demonstration of how to find various types of information in DEP DataMiner.
  - Healthy Community Planning New Jersey (HCP-NJ)
    Demonstration of how to find and interpret reports on the Healthy Community Planning NJ website using a sample community.
- Facilitated Discussion

Funding

- Key sources of infrastructure and other funds and how to obtain those funds
  Discussion of major sources of funding available to NJ communities for environmental projects, what goes into developing a successful application for overburdened communities (OBCs), and how to find assistance for the application process.
- Example funds and processes
  - Water infrastructure
    Presentation of key water infrastructure funds available to NJ communities, their requirements, prioritization or assistance available for OBCs, and discussion of factors that contribute to an effective application and project using example of a successful project in an OBC.
  - Green acres
    Discussion of requirements of Green Acres funds, prioritization or assistance available for OBCs, and use the example of a Green Acres project in an OBC to explore best practices for a successful application.
  - Air, climate and clean energy
    Discussion of types of funding available for air quality, climate mitigation, and clean energy, their requirements, and best practices for successful projects.
- Facilitated Discussion

New Jersey Community Case Studies

- Policy
  - NJ's EJ Law
    Overview of the history of the mobilization and strategies that led to the development, passage, and enactment of NJ's EJ Law and lessons for enacting environmental policy change.
  - Newark and Camden EJ Ordinances
    Overview of municipal EJ ordinances in Newark and Camden, history of mobilization that led to enactment, strengths and weaknesses of these ordinances, and how to enact similar ordinances in other municipalities.
- Community Projects
  Exploration of community level projects implemented through community initiative or engagement, including best practices, lessons learned, and how to replicate similar projects.
  - Community Air Monitoring
  - Brownfield cleanup and redevelopment
  - Green Infrastructure
  - Climate Resilience Planning
- Facilitated Discussion

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NEW JERSEY ENVIRONMENTAL JUSTICE ALLIANCE

Itemized Budget Sheet

Personnel

NJEJA personnel:		
Project Mgr.	$120,000	
Communications Mgr.	$ 60,000	
Executive Director	$ 75,000	
Support Staff:	$ 125,000	
	total	**$380,000**

Fringe

NJEJA staff's benefits are approximately 30% of their salaries = **$ 114,000**

Travel

There will be some local & regional travel for NJEJA staff = **$5,000**

Equipment

No likely equipment costs = **$ 0**

Supplies

This will likely be in the form of light refreshments at each gathering = **$2,500**

Contractual Costs

Videographer/Editor = **$60,000**

- This is to professionally film each educational module, edit them and upload them to a website for free public use.

Web master = **$10,000**

- A web master will create the website structure to house the video modues and ensure it's easy for public use.

Other

Hub Leaders: for 3 Hub Leaders (not including NJEJA) as subawardees, the funding will pass through NJEJA to Isles, Inc., NAAC, and O.C.E.A.N., Inc. @ $80,000 over 3 years = **$240,000**

Kean University: As the academic partner over 3 years they will receive = **$50,000**



Participant Stipends: approximately 40 participants @ $100/seminar x 4 seminars = **$16,000**
Possible bonus for extra participation/more participants, etc. = **$4,000**

Extra Costs

To attract quality partners and participants, most of the grant funding budget had to be directed to the subawardees, leaving a gap that NJEJA must fund = **$381,500**

Total Costs = $881,500

- Year 1 = $10,000
- Year 2 = $20,000
- Year 3 = $20,000

We are well-suited to provide educational assistance as described under this RFA, and we have a long track record of educating and empowering communities to address pressing Environmental Justice threats.

Sincerely,

Nicky Sheats

Nicky Sheats, Ph.D., Esq.
Director, Center for the Urban Environment
John S. Watson Institute for Urban Policy and Research
Kean University

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NEW JERSEY ENVIRONMENTAL JUSTICE ALLIANCE

Resume Summaries

Chris Tandazo, Statewide EJ Organizer

New Jersey Environmental Justice Alliance | New Jersey
Statewide Environmental Justice Organizer (formerly Community Connections Program Manager)
February 2021 - Present

Connecting EJ grassroots organizations in NJ to build NJEJA's membership and create an EJ Movement stronghold in NJ.

- Conduct grassroots and community outreach and events including developing and executing online organizing campaign strategies
- Contribute to and file comments/testimony on proposed legislation in conjunction with the staff and board.
- Serve as a bridge between the policy field and community engagement by connecting local EJ coalitions to statewide and national efforts.
- Coordinate and co-lead relevant NJEJA Committees and coalitions.

Cooperative Climate Futures (CCF) | New York City, NY
Co-founder | Research & Development Officer. February 2020 - Present

Founding member of CCF, a collective of community organizers, designers, researchers, and farmers that seeks to support the mobilization towards climate and environmental justice by building community-led ecological interdependence.

- Co-developed & co-designed The Hub, an online climate education platform
- Conducted a Community Beta Test to gather feedback on The Hub
- Manage internal communications between members and partners
- Prepare, write, and edit grant proposals

Dr. Cynthia Hall

New Jersey Environmental Justice Alliance, Summit, NJ
Community Education Manager (formerly Law and Policy Program Manager) 2023-present

Develops curricula on environmental justice issues in NJ; Facilitates workshops, courses, and programs for community groups

Rowan University, Department of Environmental Sciences, Glassboro, NJ
Adjunct Professor 2022-present

Teaches courses on Soils, Contaminants in the Environment, and Global Environmental Change

Free Haven Farms, Lawnside, NJ
Co-Founder and Scientist 2017-present

Farm and manage 6 acres of growing space, operate weekly farmer's markets and 200+ member Community Supported Agriculture (CSA);
Facilitate educational programs that encourage and teach people how to grow their own Food

West Chester University, Department of Earth and Space Sciences, West Chester, PA

Instructor of Geosciences 2019-2022
Assistant/Associate Professor 2008-2019
Adjunct Professor, Frederick Douglass Institutute 2007
Taught undergraduate/graduate courses in Environmental Sciences and Geochemistry; Conducted research with undergraduate/graduate students on lead contamination and environmental justice; Served on various committees at department, college, university levels

Dyna Anderson

New Jersey Environmental Justice Alliance (NJEJA) January 2023 – Current
Communications and Engagement Manager (formerly called Program Manager)

- Compose and implement a range of content, such as newsletters, website copy, brochures, and press releases and daily social media, to support communications, marketing activities and strategic alliances.
- Analyze data and provide reports highlighting the accomplishments and shortcomings of communication initiatives and strategies.
- Arrange press conferences and respond to media queries and contact reporters and other press personnel.
- Organize volunteers, helpers, suppliers, and other parties to assist with promotional events.
- Participate in the Healthy Ports Coalition

Global Foundation for Girls (GFG), Remote August 2021 - Present Youth Development & Policy Officer

- Manage youth policy work on Birth Justice, Gender Based Violence, and Children in Crisis.
- Support the development and launch of GFG's policy and digital advocacy work and materials
- Research and support GFG movement-building work through network and outreach, leading a webinar series, and various program-related events.
- Support and recruit MSW interns and develop structure, training & workshop materials for the international youth fellowship program.
- Develop an interactive policy map for up-to-date Reproductive Justice and Birth Justice state-by-state policy information

Sarah Baldwin

NJEJA | Trenton, NJ May 2022 — Present
Operations Manager

- Oversee and manage internal processes and systems for a statewide nonprofit organization focused on eliminating environmental injustice in low-income communities
- Manage high-level organizational functioning by integrating various systems (grants management, payroll, accounting, etc.) and companies
- Support programmatic staff with event coordination and planning; monitor and update financial reports as needed; lead external communications via social media and email

Bloustein School of Planning and Public Policy | New Brunswick, NJ August 2021 — January 2022
Assistant, Career Services

- Planned and moderated relevant speaker events, focusing on engaging experts in environmental and transportation policy; created marketing materials; drafted and proofread Communications materials

NEW JERSEY ENVIRONMENTAL JUSTICE ALLIANCE

Melissa Miles

Executive Director NJEJA JULY 2020 - PRESENT

Leadership of a statewide organization with local, regional and national influence:

- Building organizational infrastructure through strategic planning and action
- Supporting frontline organizations with Environmental Justice policy expertise
- Educating and organizing social justice organizations on EJ issues and campaigns
- Working with the NJ Department of Environmental Protection to promulgate the rules for the recently passed Cumulative Impacts/EJ Law
- Working with state agencies to center EJ and to promote mandatory emissions reductions in climate change mitigation policy
- Cultivating relationships with foundation staff and grant writing and reporting
- Managing staff, consultants, volunteers and interns Environmental Justice Manager

IRONBOUND COMMUNITY CORPORATION MARCH 2018 – JULY 2020

Working closely with colleagues and allies to further the work of the department and the agency including:

- Organizing legal and academic partners to support our EJ campaigns
- Testifying at hearings hosted by local and national government agencies
- Participating meaningfully in organizational visioning, strategic planning and leadership transitions
- Representing the organization amongst various stakeholder groups
- Fostering partnerships with other grassroots and base building organizations towards realizing common goals
- Sharing the department's broad scope of work with potential partners, allies and funders
- Grant writing and reporting as part of a leadership team
- Speaking to local and national media about environmental and climate justice issues and policies
- Writing job descriptions and leading hiring team for new organizer position
- Supervising and mentoring Community Organizer

Manifest for Grant Application # GRANT13861765

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 30191 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16035 bytes)

2. Form SF424A-V1.0.pdf (size 23054 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40311 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15929 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23989 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37252 bytes)

Attachments Included in Zip File (total 21):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1242-NAAC.Partner Letter .pdf application/pdf (size 265611 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1243-Isles.Letter.pdf application/pdf (size 161100 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1244-Proposed DEP Env Education Curriculum.pdf application/pdf (size 177208 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1245-Itemized Budget Sheet.pdf application/pdf (size 116931 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1246-Kean.sheats cv .pdf application/pdf (size 140223 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1250-NJEJA.Resume Summaries.pdf application/pdf (size 210827 bytes)

7. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1249-OCEAN.Simmons.resume.pdf application/pdf (size 163888 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1248-DEP.Resume_Kandyce Perry .pdf application/pdf (size 228016 bytes)

9. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1247-DEP.NAkbar_Resume_4.14.23.pdf application/pdf (size 261009 bytes)

10. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-Logic Model.final.docx application/vnd.openxmlformats-officedocument.wordprocessingml.document (size 19767 bytes)

11. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-DEP Letter of support .pdf application/pdf (size 704142 bytes)

12. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-Kean.Letter.p1.pdf application/pdf (size 2806576 bytes)

13. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-Kean.Letter.p2.pdf application/pdf (size 2370414 bytes)

14. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-NJEJA IRS Determination Letter (1) (1).pdf application/pdf (size 767855 bytes)

15. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-OCEAN.Letter.pdf application/pdf (size 565489 bytes)

16. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-Workplan.Final.pdf application/pdf (size 451993 bytes)

17. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1235-Proposed DEP Env Education Curriculum.pdf application/pdf (size 177208 bytes)

18. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1254-Isles.Nordquist.resume.pdf application/pdf (size 87091 bytes)

19. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1253-Isles.Shimchick.resume.pdf application/pdf (size 78514 bytes)

20. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1252-NAAC.Tyrese.resume.pdf application/pdf (size 134627 bytes)

21. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1251-NAAC.Barry.Resume.pdf application/pdf (size 113983 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-Attachment_Form_4700_XI_Grievance_PathStone.p

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

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Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1241-Project_Narrative_PathStone.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program	66.306	$	$	$ 500,000.00	$	$ 500,000.00
2.						
3.						
4.						
5. Totals		$	$	$ 500,000.00	$	$ 500,000.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program	(2)	(3)	(4)	Total (5)
a. Personnel	$ 241,765.00	$	$	$	$ 241,765.00
b. Fringe Benefits	75,697.00				75,697.00
c. Travel	17,788.00				17,788.00
d. Equipment	0.00				0.00
e. Supplies	16,766.00				16,766.00
f. Contractual	0.00				0.00
g. Construction	0.00				0.00
h. Other	85,920.00				85,920.00
i. Total Direct Charges (sum of 6a-6h)	437,936.00				$ 437,936.00
j. Indirect Charges	62,064.00				$ 62,064.00
k. TOTALS (sum of 6i and 6j)	$ 500,000.00	$	$	$	$ 500,000.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 176,667.00	$ 47,167.00	$ 43,167.00	$ 43,167.00	$ 43,166.00
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 176,667.00	$ 47,167.00	$ 43,167.00	$ 43,167.00	$ 43,166.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program	$ 176,667.00	$ 166,667.00	$ 156,667.00	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 176,667.00	$ 166,667.00	$ 156,667.00	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: = $437,936

22. Indirect Charges: = $ 62,064

23. Remarks: Indirect charges per our Negotiated Indirect Cost Rate Agreement/NICRA with the USDOL, our cognizant agency.

B. Equal Opportunity Is the Law

1. It is against the law for PathStone as a recipient of Federal financial assistance to discriminate on the following bases:

   - Against any individual in the United States, on the basis of race, color, religion, sex, national origin, age, disability, political affiliation or belief; and
   - Against any beneficiary of programs financially assisted under Title I of the Workforce Innovation and Opportunity Act (WIOA) of 2014, on the basis of the beneficiary's citizenship/status as a lawfully admitted immigrant authorized to work in the United States, or his or her participation in any WIOA Title I-financially assisted program or activity.

2. The recipient must not discriminate in any of the following areas:

   - Deciding who will be admitted, or have access, to any WIOA Title I-financially assisted program or activity;
   - Providing opportunities in, or treating any person with regard to, such a program or activity; or
   - Making employment decisions in the administration of, or in connection with, such a program or activity.

3. What to Do If You Believe You Have Experienced Discrimination

   If you think that (a) you have been denied the rights you are entitled to under the Workforce Innovation and Opportunity Act (WIOA), Americans with Disabilities Act and/or Equal Employment Opportunity Act as published, or (b) if you think that you have been subjected to discrimination under a WIOA Title I-financially assisted program or activity, or (c) if you think that your Civil Rights have been violated, you may file a complaint within 180 days from the date of the alleged violation. PathStone staff is required to assist you, upon request, in filing such a complaint. You may file this complaint with either:

   - The Vice President of Human Resources, PathStone, 400 East Avenue, Rochester, NY, 14607; or
   - The Director, Civil Rights Center (CRC), U.S. Department of Labor, 200 Constitution Avenue NW, Room N-4123, Washington, DC 20210.

If you file your complaint with the recipient, you must wait either until the recipient issues a written Notice of Final Action, or until 90 days have passed (whichever is sooner), before filing with the Civil Rights Center (see address above).

If the recipient does not give you a written Notice of Final Action within 90 days of the day on which you filed your complaint, you do not have to wait for the recipient to issue that Notice before filing a complaint with CRC. However, you must file your CRC complaint within 30 days of the 90-day deadline (in other words, within 120 days after the day on which you filed your complaint with the recipient).

If the recipient does give you a written Notice of Final Action on your complaint, but you are dissatisfied with the decision or resolution, you may file a complaint with CRC. You must file your CRC complaint within 30 days of the date on which you received the Notice of Final Action.

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SUMMARY OF RESPONSIBILITIES

PathStone	Participant	3rd Party Program Site
Keep appointments	Keep appointments	Keep appointments
Investigate ways for participant to achieve goals	Actively pursue own ways to achieve goals	Actively assist participant with goals
Be honest with Participant and Site at all times	Be honest with PathStone and Site contacts at all times	Be honest with participant & PathStone contact
Make commitment to help participant achieve goals	Make firm commitment to attain goals	Make firm commitment to help participant achieve goals
Make participant aware of all options	Inform PathStone of changes in goals or status	Inform participant and PathStone contact of changes at site
Give participant a copy of contract and plan of action	Commit to contract and plan of action	Help participant adhere to contract
Commit to help participant with IFDP activities	Commit to IFDP activities	Assist participant w/ IFDP activities
Communicate and promote program mission and goals	Commit to program mission and goals	Commit to program mission and goals
Arrange training and/or informational meetings	Attend all training and meetings	Assure participant and/or supervisor attend all required meetings
Assist participant with submission of required paperwork	Commit to on-time submission of all paper-work/documentation	Assist participant with submission of required paperwork
Communicate non-political /religious guidelines	Adhere to non-political /religious guidelines	Comply with non-political /religious guidelines
Monitor for safe work practices	Commit to safe work practices	Insure that safety guidelines are met
Insure compliance with Equal Opportunity, drug and alcohol-free, harassment-free and nepotism-free policies	Adhere to compliance with Equal Opportunity, drug and alcohol-free, harassment-free and nepotism-free policies	Insure compliance with Equal Opportunity, drug and alcohol-free, harassment-free and nepotism-free policies

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Att. I – Itemized EJCPS Budget Narrative – PathStone Puerto Rico

Category	Description of Cost	Total
Personnel	2.075 FTEs	$241,765
Fringe	31.31% of personnel	$75,697
Travel	Mileage/Annual Meeting	$17,788
Equipment	None	$0
Supplies	Office Consumable's/Staff Workstations	$16,766
Contractual	None	$0
Construction	None	$0
Other	See narrative	$85,920
Total Direct Charges		$437,936
Indirect Charges	19.55% of personnel + fringe	$62,064
Total Cost		$500,000

a. Personnel

Personnel Summary Chart				
Position	Months	Annual Salary	Time to Project	Amount Funded
Program Year 1				
Director of Training and Employment	12	$82,526	2%	$1,650.51
Project Administrator	12	$44,720	3%	$1,341.60
Community Resiliency Developers - 2	12	$36,795	100%	$73,590.00
Program Analyst	12	$65,429	2.5%	$1,635.73
Subtotal				$78,218
Program Year 2				
Director of Training and Employment	12	$85,001	2%	$1,700.03
Project Administrator	12	$46,062	3%	$1,381.85
Community Resiliency Developers - 2	12	$37,899	100%	$75,798
Program Analyst	12	$67,392	2.5%	$1,684.80
Subtotal				$80,565
Program Year 3				
Director of Training and Employment	12	$87,551	2%	$1,751.03
Project Administrator	12	$47,443	3%	$1,423.30
Community Resiliency Developers - 2	12	$39,036	100%	$78,072
Program Analyst	12	$69,414	2.5%	$1735.34
Subtotal				$82,982
Total				$241,765

The Director of Puerto Rico Training & Employment Operations is responsible for overall project management, direction, staffing, performance, qualitative reports, strategic partnerships and contracts, program-wide compliance and model integrity, and compliance with all local Human Resources requirements with the assistance of the PathStone's Human Resources Department. The Project Administrator will provide day-to-day supervision, program monitoring, guidance and services for the

regional field offices; Arecibo, Barceloneta, Utuado. The Community Resiliency Developers provide and coordinate outreach and recruitment services; case management; career and training services; participant tracking and follow-up; relationships and referrals in the catchment sectors for their field offices. The Program Analyst will provide budget development and monitoring, fiscal analyses, field office need forecasts and budget adjustments, including tracking appropriate expenditures and documentation of grant, match and leveraged funds, and completing close out procedures. The Program Analyst will also deliver budgeting and financial management training and technical assistance to all staff in this program.

b. Fringe - $75,697

Fringe Benefit Detail Chart	
Fringe Benefit	Percentage
F.I.C.A.	7.65
Unemployment Insurance	4.50
Short Term Disability	0.23
Long Term Disability	0.47
Life Insurance	0.35
E.A.P. Plan (Employee Assistance Program)	0.08
Workers' Compensation	1.10
Pension Plan	4.70
Cafeteria Plan & Family Health Insurance Subsidy	12.23
Total	31.31

c. Travel - $17,788

Travel includes mileage reimbursement at the rate of $ .655/mile for program-related travel in staff personal vehicles (estimated 1,323 miles per year per staff (7,938 miles); total $5,199)

The number of trips involving airfare/ground transportation, lodging, meals and incidentals is estimated at 1 per year for 3 years. The purpose of the trips are for 2 staff to attend the annual grantee meeting.

The total non-mileage reimbursement travel budget of $12,588.84 is broken down as follows:

Airfare: Estimated 3 round-trips (1 per year) = $1,315.80

Lodging: Estimated 3 trips averaging 3 night's stay (1 per year) = $3,157.92

Ground Transportation: Estimated 3 trips requiring ground transportation (1 per year) = $612.00

Meals and Incidentals: Estimated 15 days (5 days per trip) = $1,208.70

d. Equipment - $0
e. Supplies - $16,766

The cost of basic supplies (pens, paper, printer cartridges, staples, tape, envelopes, business cards and filing materials) needed to support local project delivery is project at $61 per month: $2,196. Costs for postage are projected at $1,800. Costs for printing of program promotions and outreach materials is projected at $2,400. Technology costs for 2 staff laptops, 2 projectors, CDs, software, etc. are projected at $3,170. Costs for staff workstations for 2 staff (desk, chair, mat and table) are projected at $3,600. Costs for emergency backpacks to be provided to module one graduates, 50 backpacks at $45 per backpack, is projected at $2,250. Costs for 30 additional backpacks, 10 to be distributed at each community event, is projected at $1,350.

f. Contractual - $0
g. Construction - $0
h. Other - $85,920

Costs for services to participants ($44,550): Costs for disaster and emergency survial and response training is projected at $19,750; $4,000 each for module one for two cohorts, $2,900 each for module two for two cohorts plus $1,175 each for certification for two cohorts, and $1,800 each for module three for two cohorts. Costs for transportation of participants is projected at $2,000. Costs for Automated External Defibrillator and CPR training are projected at $1,200. Costs for development and expansion of community resource plans to minimize exposure to pollutants in the event of natural disasters in underserved communities and vulnerable populations is projected at $21,600; $2,400 per community (Arecibo, Barceloneta, Utuado) per year over three years.

Costs for service delivery sites ($31,320): Facility costs are projected as follows: Rent at $20,520; Utilities at $5,400; Phone/DSL connection at $5,400.

Costs related to quality and partners ($10,050): Recruitment of qualified staff is projected at $300; this includes print and online advertisement to obtain candidates for program positions. Training/Staff development is projected at $4,500. Costs for partner meetings are projected at $2,250. Costs for final community event for sharing and leaning from the program and updated community disaster response plans in projected at $3,000.

i. Total Direct Charges - $437,936
j. Indirect Charges - $62,064

Indirect costs of $62,064 are calculated at 19.55% on the sum of Personnel plus, Fringe Benefits ($241,765+$75,697=$317,461), according to our attached Indirect Cost Rate Agreement (NICRA) with the U.S. Department of Labor, our cognizant agency.

k. Total - $500,000

Logic Model for

EJCPS in Arecibo, Barceloneta and Utuado, Puerto Rico - PathStone

Goals

Assist residents of underserved, high poverty, rural, Hispanic communities to develop emergency preparedness and disaster resiliency skills and plans to minimize exposure to pollutants, exploitation, injury and illness and maximize healthy recovery and thriving before, during and after natural disasters

Assumptions

- Established partnerships with referral sources will yield eligible individuals to enroll
- Established partnerships with community partners accepting referrals for technical assistance and other resources.
- Qualified staff will be retained to provide services they have been trained / certified to deliver:
- Space and other program resources will continue to be available
- Election outcomes in target communities will not impede project implementation or timeline

(Add additional as necessary)

Inputs

- Organization structure, knowledge, policies, procedures, data system
- US EPA funding
- Program Staff - existing experienced staff
- Program resources (space, materials, program data)
- Community sites for use
- Partners to provide referrals & supp services
- Training / Education partners
- Community support
- EPA Project Officer

Potential Barriers

- Environmental impact (COVID, natural disaster, racial issues and social unrest)
- Trauma from historical and experienced violence
- Local or national political change leading to decreased funding/interest in supporting capacity bldg

Activities

Activities	Outputs (*Describe metrics*)
Program intake (interview, assess, explore needs, screen)	-Number of Intakes=115 (This and all outputs below verified by documentation)
Deliver · Training: Disaster/Emergency Response - module 1	-Number of Individuals complete training = 100 -Number of Individuals attain ICS/NIMS certification = 35
Deliver · Training: Disaster/Emergency Response - module 2	-Number of Individuals complete training = 25 -Number of Individuals attain FCC certification = 10
Deliver · Training: Disaster/Emergency Response - module 3 Quarterly partner reviews	-Number of Individuals complete training = 22 Documentation of plans
Facilitate Community Response Plan review/renew	New / renewed Community Response Plan by each community = 3
Semi-Annual Reporting Follow up/one year	Reports submitted on-time/accepted = 2 per year = 6 total 2026 follow up reports submitted = 2

Outcomes

Shorter Term

Individuals experiences success from new skills and knowledge planned at enrollment (goal achieved; self reports)

Residents gains skills and knowledge for smooth entry into resiliency activities including Community Response Plan (Observation of use of new skills; self-reports)

Individuals engaged in project activities

Residents gain skills and knowledge to undertake desired resiliency activities (demonstration, observation)

Participants have capacity increase enabling moves toward self-sufficiency, care of others (self-report; observation)

Partners work in alignment

Community has new Community Response Plan better suited to their needs

In compliance with EPA requirements

Longer Term

Participant gains self-efficacy - believes can plan the work and work the plan to accomplish desired outcome - statements made

Growth + development of positive relationships between partner stakeholders from project work and successes

Participant continues to gains skills and knowledge and progresses on resiliency path (demonstration, observation, self- or other-reports)

Participant makes changes in behavior/ engagement with community members/ partners that minimize negative consequences and maximize positive outcomes and opportunities - with all other items above, participant becomes more resilient - capable of dealing with life and disaster situations (demonstration, observation, self- or other-reports)

Community becomes more resiliant; more effective before/during/after disaster (demonstration, observation, self- or other-reports)

Project is replicated with EPA support

Attachment to SF424 for #14

14. Areas Affected by Project (Cities, Counties, States, etc.):

Arecibo, Barceloneta and Utuado municipios (counties) in Puerto Rico

Manifest for Grant Application # GRANT13862093

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 27935 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16031 bytes)

2. Form SF424A-V1.0.pdf (size 23183 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40670 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15929 bytes)

5. Form SF424_4_0-V4.0.pdf (size 24015 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37372 bytes)

Attachments Included in Zip File (total 8):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-Att_i_Itemized_Budget_Narrative_PathStone.pdf application/pdf (size 93468 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-Att_v_501_c_3_Status_PathStone.pdf application/pdf (size 121249 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-Att_iii_Letters_of_Commitment_PathStone.pdf application/pdf (size 9151297 bytes)

4. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1241-Project_Narrative_PathStone.pdf application/pdf (size 480050 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-Att_iv_Resumes_PathStone.pdf application/pdf (size 738433 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-Att_ii_Logic_Model_PathStone x.pdf application/pdf (size 189535 bytes)

7. SF424_4_0 SF424_4_0-1234-Attachment_to_SF424_#14_PathStone.pdf application/pdf (size 71473 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-Attachment_Form_4700_XI_Grievance_PathStone.pdf application/pdf (size 103395 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-PlaLLA-LettersofSupport.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	66.306	$	$	$ 500,000.00	$	$ 500,000.00
2.						
3.						
4.						
5. Totals		$	$	$ 500,000.00	$	$ 500,000.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	(2)	(3)	(4)	Total (5)
a. Personnel	$ 154,760.00	$	$	$	$ 154,760.00
b. Fringe Benefits	27,061.76				27,061.76
c. Travel	12,558.00				12,558.00
d. Equipment	0.00				0.00
e. Supplies	7,500.00				7,500.00
f. Contractual	0.00				0.00
g. Construction	0.00				0.00
h. Other	252,700.00				252,700.00
i. Total Direct Charges (sum of 6a-6h)	454,579.76				$ 454,579.76
j. Indirect Charges	45,420.24				$ 45,420.24
k. TOTALS (sum of 6i and 6j)	$ 500,000.00	$	$	$	$ 500,000.00
7. Program Income	$ 0.00	$	$	$	$ 0.00

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	$ 0.00	$ 0.00	$ 0.00	$ 0.00
9. N/A	0.00	0.00	0.00	0.00
10. N/A	0.00	0.00	0.00	0.00
11. N/A	0.00	0.00	0.00	0.00
12. TOTAL (sum of lines 8-11)	$ 0.00	$ 0.00	$ 0.00	$ 0.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 273,027.89	$ 50,185.50	$ 54,614.13	$ 54,614.13	$ 113,614.13
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 273,027.89	$ 50,185.50	$ 54,614.13	$ 54,614.13	$ 113,614.13

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	$ 273,027.89	$ 226,972.11	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 273,027.89	$ 226,972.11	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: 454579.76

22. Indirect Charges: 45420.24

23. Remarks:

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-EJCPS - PlaLLA (1).pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

Budget Narrative

This budget represent the hours and expenditure for the 2-year project activities

ITEM	DESCRIPTION	TOTAL
Personnel	Project Co-Manager 1 Rate per hour $57 - (80 hrs: regional citizen assembly prep and hosting + 70 hrs: partnership building + 100 hrs: workshop and training material building + 600 hrs: CCAP community engagement +151 hrs: community climate plans writing + 100 hrs: reporting and quality plan + 16 hrs: meeting with CCG + 100: meeting with local policymakers and practitioners meetings.	$68,400
	Project Co-Manager 2 Rate per hour $57 - (64 hrs: regional citizen assembly prep and hosting + 70 hrs: partnership building + 100 hrs: workshop and training material building + 600 hrs: CCAP community engagement +150 hrs: community climate plans writing + 100 hrs: reporting and quality plan + 16 hrs: meeting with CCG + 100: meeting with local policymakers and practitioners meetings	$68,400
	Project Assistant Rate per hour $24 - 50 hr regional citizen assembly prep and facilitation + 30 hrs: workshop and training material building + 50 hrs: project progress and participant tracking + 50 hrs: community communication	$8,960
	Community Lead Rate per hour $17 - 300 hrs: CCAP community engagement + 50 hrs: community relations activities + 22 hrs: support the wider team + 8 hrs: meetings CCG + 50 hrs: partnership building meetings + 40 hrs: community vulnerability assessment	$8,000

Fringe Benefits	Co-PM (includes social security, medicaid, and taxes)	$24,076.8
	Project Assistant (includes social security and taxes)	$1,576.96
	Community Lead (includes social security and taxes)	$1,408
Travel	Travel for Project Managers to 5 regional climate assemblies Airfare = $500, Per diem $30 x 5 days= 150, Rental Vehicle + Stay for 2 weeks = 1,400	$8,220
	Local Mileage for partner meetings and community outreach efforts 35 miles @0.55/mi x 70 meetings	$4,042.5
	Travel for three community members to 2 local conferences Per diem $30 x 2 days x 3 people = 180, Local Mialeage 35mi @ 0.55/mi x 2 events x 3 people	295.5
Supplies	Miscellaneous supplies for staff on this project	$5,000
	Laptop computer to work off-site on community	2,500
Other	Allocation for direct community interventions ($57000 x 2 communities)	$114,000
	Allocation for direct community interventions in Loiza ($48500)	$48,500
	Sub-award to Asociación de Residentes de La Margarita	$8,000
	Sub-award to Taller Salud	$18,000
	Participant support cost $20 /attendee. 50 attendees x Community Plan design meeting (12 meetings x 3 communities)	$45,000
	Speaker honorarium $80 x speaker in Regional Climate Assemblies (5 speakers x 5 assemblies)	$2,000
	Venue and Refreshments $700 x 6 events	$4,500

	Launch and closing event logistics venue and catering	$5,000
	Entertainment/Music x 5 Regional Climate Assemblies	$2,000
	Facilitation $70 x facilitator x event	$4,200
		454579.76
Indirect Costs	IDC Rate Agreement 10% of Salaries and Wages ($454,545.62 x 10%)	45420.24
	Global total	500000

PlaLLA EJCPS Logic Model

Resources	Activities	Outputs	Audience	Short-Term Outcomes	Intermediate Outcomes	Long-Term Outcomes
Staff time In-kind expert contributions Volunteers Partner expertise Stakeholder expertise Facilities Trust and contact lists of residents (emails/phone) Social media following Media relationships Sociedad Ambiente Marino facilities	Identify existing or potential leaders among residents in the community. Coordinate Regional Citizen Climate Assemblie Communicate recommendations to Puerto Rico Mitigation, Adaptation, and Resilience Plan Equip policy and decision makers and implementers with LLA and participatory processes skills Provide communication and public participation training for community members Establish of a Public Participation community of support and practice Equip leaders with technology, information, and provide stipends. Host participatory community meetings Consolidate the inputs developed in a Community Climate Adaptation Plan document that explicitly presents the prioritized adaptation solutions. Present Community Climate Plans to local governments to integrate LLA recommendations and enable suitable and effective engagement pathways for	PlaLLA launching report 5 Regional Citizen Assemblies One Climate Strategy recommendation 10 policy decision-makers and practitioners trained in participatory processes and LLA 30 community members trained in communication and public participation 3 community leaders trained and supported. 8 meetings with the CGE group on a quarterly basis. 3 kick-off community meetings 10 meetings with the community to develop CCAP 50 residents reached and engaged in Community Climate Plans in each community (150)	Community leaders Local residents State, & municipal governments. Other identified experts/partners.. State and federal agencies and partners.	Increase in # of residents engaged in the national climate plan process (target = 100) Increase in # of residents aware of climate impacts in the community (target = 100 residents) Increase in # of residents who provide support and input through the CCAP process (target = 50) Increase # of local policymakers and practitioners trained in LLA and participatory decision-making (target = 10) Increase in # of local stakeholders committed to project and addressing community's issues (target = 1 govt. partners, 1 local nonprofit and 1 university)	Inclusion of participation and LLA provisions in national Climate Mitigation, Adaptation, and Resilient Plan Increase in # of stakeholders participating in efforts to address community issues & recommendations (target = 2 govt. partners, 2 local nonprofits and 1 university). Increase in # of community leaders trained and ready to support implementation (target = 3) Increase in # of municipal plans including participatory and locally-led adaptation (target =3) Increase in # of CBOs nationally, learning from the project (target = 40).	Implementation funding identified and then secured to implement CCAP and community interventions Ordinance and policies proposed and enacted by the local government for participation innovation pathways in policymaking Policies proposed and enacted by the local government on sustainable development and adaptation Increased adaptive comanagement of climate-ready resources Increased local ability to prepare for and recover climate-related disasters

	improved municipal land-use and regional plans Support direct community-driven interventions Identify other stakeholders that might have an interest in this work (e.g.in government, philanthropies, and universities) Establish a project Community Core Group to include partners, stakeholders and community leaders. Identify other plans or projects relevant to the work.	50 residents provide support and input 3 Community Climate Adaptation Plan. One brief on participatory processes and LLA for municipal and regional plans 3 presentation of CCAP to municipal leadership 3 Community driven interventions / pilot One report on Community Pilots One final presentation to national CBO and stakeholders				

Manifest for Grant Application # GRANT13862017

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 23742 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16036 bytes)

2. Form SF424A-V1.0.pdf (size 23341 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40259 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15922 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23887 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37302 bytes)

Attachments Included in Zip File (total 5):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-PlaLLA Budget Narrative.pdf application/pdf (size 83742 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-PlaLLA-CVs.pdf application/pdf (size 522552 bytes)

3. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-EJCPS - PlaLLA (1).pdf application/pdf (size 1660400 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-PlaLLA Logic Model.pdf application/pdf (size 64987 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-PlaLLA-LettersofSupport.pdf application/pdf (size 934262 bytes)

PROJECT SUMMARY PAGE

Puerto Rico Planning for Locally-Led Adaptation Project

Project Location: Puerto Rico communities Sardinas, Culebra | La Margarita, Salinas | La 23, Loiza

Applicant Organization: Sociedad Ambiente Marino (SAM) is a non-profit organization with over 25 years of experience in climate and ocean conservation awareness, coral reef restoration, community capacity building, and technical support in Environmental Impact Assessment and Marine Resource Management. SAM is a pioneer and leader aquaculture and restoration of natural coastal barriers across the Puerto Rican archipelago and the Caribbean. Our commitment is to strengthen coastal nature-based solutions and enhance the livelihoods associated with coastal ecosystem. To this end, SAM operates through strong community engagement, hands-on experiences, and has been working on climate and ocean governance through the PR Citizen Assemblies partnership.

Project Abstract The Puerto Rico Planning for Locally-Led Adaptation (PlaLLA) project aims to improve the adaptive capacity of underserved communities in Puerto Rico to the adverse impacts of climate change. In this project the organization will work together with communities and municipalities to mainstream locally-led adaptation (LLA) in community management, sectorial, municipal and national planning. The proposed project builds on the PR Citizen Assemblies, which have identified the need for decentralized climate strategies. At its core, the PlaLLA aims to increase the capacities of disadvantaged communities and local governments to adapt to climate variability and change by contributing to local, regional, and federal strategies that foster collective action and cooperation at different levels. The project will deploy the environmental justice collaborative problem-solving model from its inception in order to build and strengthen capacities for climate justice. To this end we have identified three components: (1) improve participation pathways in resilience planning through the coordination of a series of regional citizen climate dialogues to define local and national priorities, (2) strengthen technical capacity of local actors and governments for participatory decision-making through a municipal leaders workshop, and (3) incorporate LLA considerations into community, local, and national planning processes, working closely with municipal governments and national bodies to integrate the proceedings from the citizen assemblies, Community Climate Adaptation Plans, and supporting direct interventions co-designed with members of project communities.

Project Type	Facilitating engagement of disadvantaged communities in Local, State and Federal advisory groups, rulemakings, and other public processes
Special Considerations	Climate Change, Disaster Resiliency, and/or Emergency Preparedness & Rural Areas
Environmental Issues	The coastal communities of this project face risks of sea level rise hurricane winds, 100 year floods, air toxics cancer risk, drought, landslide, among others.
Project Parnerts	Climate Trace PR, Urbana Planifica, Taller Salud, CIEL, Asociación de Residentes de La Margarita, Hispanic Foundation
QAPP will be developed	Yes
Small CBO Track for $150,000 projects	No

Environmental and Public Health information of the Underserved Community
Puerto Rico is divided into 78 Municipalities, 44 of which (56%) are coastal municipalities. According to Census data (ACS) 43.5% of people in Puerto Rico live in poverty and 98.5% of people in Puerto Rico are Hispanic. This project proposes working with three underserved communities of Puerto Rico: Comunidad Sardinas, Culebra, PR; Comunidad La Margarita, Salinas PR; y Comunidad La 23, Loiza, PR.

These communities share characteristics that make their population disproportionately vulnerable to the impact of environmental events such as hurricanes, sea level rise, flooding, storm surge, drought, erosion, and earthquakes. Additionally, all community have a high air toxics cancer risk (higher in La Margarita and Culebra) and other environmental issues due to their proximity to a superfund site (91-93%), and in Margarita case to hazardous waste proximity (56%). Both La Margarita and La 23 are close to an RMP facility (54% and 62% respectively) as well. Not only are they vulnerable on environmental terms, but also on economic impact terms.

The following table summarizes data, concerning our target communities, obtained from EJSCREEN:

	POC	Income per capita	Hispanic	Less than HS percentile	Low income	Not in labor force	Risk rating*
Culebra	91%	$15,830	92%	65%	96%	45%	198.7
Loiza	97%	$9,515	100%	86%	97%	97%	210.4
Salinas	97%	$9,860	100%	87%	97%	64%	78.3

* According to the Puerto Rico Portal of Threats and Risks

Poverty, lower income, lower level of education, and race are factors that have a direct impact on vulnerability and the ability to recover from adverse environmental events. As shown by the data, demographics in our communities increase vulnerability and have an adverse effect on resilience and recovery after a disaster. Our project will help communities enhance their adaptive capability and support their self-management in the future.

Organization's Historical Connection to Underserved Community
Sociedad Ambiente Marino is a community-based organization that has been working with coastal marginalized communities for over 20 years, specifically in Culebra, PR to promote marine environment conservation through local to regional field studies, research works, and implementation and advocacy of safe and sustainable development approaches. Our aim is to promote local economic development and coastal resilience by leading in marine rehabilitation, conservation, scientific research, and education. We have focused our efforts on developing the oldest community-based coral aquaculture and reef rehabilitation program in the Caribbean. Our work with communities has resulted in the identification of expectations and support for the designation of a network of Marine Protected Areas in Puerto Rico, which has guided our technical support to governments and advocacy work. Additionally, we have provided capacity

building in low-cost coral farming to foster community-based participation in the management of their coastal social-ecological systems. Although the majority of our coral farms are in the Marine Protected Area in Culebra, we provide community workshops, hands-on citizen science projects, and research opportunities to students across Puerto Rico and the Caribbean. Also, through the Citizens Climate Assembly partnership, we have been working to elevate the voices of the community in La Margarita, Salinas into national and international forums, including COP26, during the past 3 years. Furthermore, through our partner Urbana Planifica, we have a collaborative relationship with La 23 in Loíza, providing community planning support and creating easy-to-understand, visual materials that help La 23 and other communities in Loíza access services, engage in municipal and national planning processes, and fight for change.

EJCPS Model

Delivering long-term adaptation outcomes will require locally led, locally owned, and locally implemented processes that reflect and support those in the frontlines. We need to shift from a top-down approach of adaptation to a new paradigm where decision-making power is decentralized and resources are redistributed to empower local actors to build resilience against climate impacts. PlaLLA intends to utilize the Environmental Justice Collaborative Problem-Solving (EJCPS) Model to facilitate multi-sectoral collaborations that co-produce and share knowledge, co-design pathways of action, and co-create sustainable relationships for locally-led adaptation. Through the EJCPS Program, PlaLLA will bring together stakeholder groups and resources to address climate-related problems, needs, and aspirations of underserved and marginalized communities in Puerto Rico. While PlaLLA draws from all seven elements, it centers: (1) Issue Identification, Visioning, and Strategic Goal-Setting; (2) Development of Multi-Stakeholder Partnerships and Leveraging of Resources; (3) Constructive Engagement with Other Stakeholders, and (4) Evaluation.

Issue Identification, Community Vision & Strategic Goal Setting - PlaLLA emerges from r a series of citizen assemblies and ongoing forums held between 2019 and 2022. These assemblies identified a pressing need for decentralized climate strategies and for oportunities to develop community climate plans. Building on existing community leadership and experiences, we develop this proposal and include clear goals, priorities, and implementation measures for co-designed Community Climate Adaptation Plans. We will engage community groups through meetings and knowledge-sharing spaces to identify pressing concerns and priority areas. We will also examine previously articulated goals and visions to ensure alignment and continuity. To advance the sustainability of the project, we will work closely with community leaders to identify potential partners from different stakeholder groups who can contribute resources and expertise.

Multi-Stakeholder Partnerships & Leveraging Resources - PlaLLA will mobilize multi-stakeholder partnerships in order to develop networks and communities of practice that help strengthen community capacity to tackle climate challenges. Further, the project will engage a core group of partners to set the project roadmap and identify available resources for project activities and sustainability beyond EJCPS.

Constructive Engagement by Relevant Stakeholders - PlaLLA is committed to promoting and sustaining constructive engagement with key stakeholder groups, including municipal and state government actors, NGOs, and private firms. The project involves developing a strategic plan based on the roadmap provided by the Community Core Group and enagage with key stakeholder groups as a way to identify implementation oportunities as well as to address potential challenges in a timely manner. The project also involves dialogues with municipal leadership to incorporate recommendations, private sector and academic institutions to provide funding, technical support, or partner recruitment, and multi-level conversations to strengthen relationships leading to long-lasting and high-impact collaborations and mobilization.

Evaluation- Project Managers will prepare submit project reports every six months to EPA and perform periodic evaluation and feedback check-ins in order to secure an iterative learning process . A monitoring and evaluation plan will be developed with key indicators and milestones to track progress over time. The results of the program will be shared in a broad event, highlighting lessons learned and best practices for replication. Additionally, we will actively seek opportunities to share our experience and provide technical assistance to other communities looking to implement similar projects.

Project Linkages

The PlaLLA project directly supports the EPA Strategic Plan, Goal 2, Objective 2.1, "Promote Environmental Justice and Civil Rights at the Federal, Tribal, State and Local Levels" by integrating environmental and climate justice into climate action. PlaLLA is committed to (a) help increase the adaptive capacity of historically underserved and overburden communities in Puerto Rico; and (b) promote inclusive, locally-led climate adaptation planning processes as a way of building local capacity. PlaLLA seeks to increase the capacities of disadvantaged communities and local governments by forging connections across spatial scales: from the affected communities in their locale to and across broader political and regional scales; 2) social sectors: community-based organizations, government agencies at various levels (municipal, regional, national), and NGO's; and 3) knowledge agents, including both producers and users. Drawing from regional citizen climate dialogues, workshops and stakeholders convenings, PlaLLA will direct actionable climate adaptation research and social impact projects that bring meaningful and sustainable change.

Partners and Collaboration

Climate Trace PR Climate Trace is a Puerto Rican non-governmental organization (NGO) that build capacity for real climate governance, climate justice and public participation in climate decisions at the local, regional, and international level. It is the project coordinator of the Puerto Rico Citizens Assemblies partnership, serving as an alternative participation proposal and empowerment platform to facilitate knowledge-sharing, access to information and sovereign consultation and reflection. Their role would include leading the facilitation and coordination of Regional Climate Assemblies, and supporting the co-design of participatory decision-making processes in the communities for the development of Community Climate Plans.

Urbana Planifica Urbana Planifica is a digital platform and a non-profit organization focused on making planning information, activities, and environments sensible, meaningful, and usable for as many people as possible. It collaborates with nonprofit and community groups to create easy-to-understand, visual materials that help communities access services, engage in planning processes, and fight for change. Broadly, Urbana Planifica works on three main areas: planning education and access to public information, network-building between local communities and advocacy and community development organizations, and community-based plan-making.Their role will include supporting the co-design of participatory decision-making processes in the communities for the development of Community Climate Plans.

Taller Salud Taller Salud is a community based women-led organization dedicated to improving women's access to health care, to reducing violence within the community and to encourage economic growth through education and activism. Founded in 1979, Taller Salud is an independent, non-government based, non-profit 501(c)(3) organization. Taller Salud will support community planning and outreach in Loíza, PR.

Centro Interdisciplinario de Estudios del Litoral (CIEL) The Interdisciplinary Center for Coastal Studies (CIEL in spanish) is a research center attached to the Department of Social Sciences of the Faculty of Arts and Sciences of the University of Puerto Rico Mayagüez Campus. Based on interdisciplinary study and applied research, CIEL provides research, education, and training about coastal social processes with emphasis on the relationship between humans, society and the environment. The role of CIEL would be to provide technical support for capacity building sessions, as well as helping in building collaborative partnerships with other stakeholders to develop solutions to coastal adaptation issue(s) at the community level.

Asociación de Residentes de La Margarita is a community-based organization dedicated to holistically improve the social well being of adjacent communities through the defense and reinvigoration of the natural and cultural heritage, education, recreation, sporting, and endogenous sustainable development. Their work is based on the transformation of the excluded communities of the south east region of Puerto Rico. The community has been organizing for a long time but officially incorporated as a non-profit 501(c)(3) organization in 2020. La Margarita Resident Asociation will lead community planning and outreach for Community Climate Adaptation Plan.

Hispanic Federation is the nation's premier Latino nonprofit membership organization. Founded in 1990, HF seeks to empower and advance the Hispanic community, support Hispanic families, and strengthen Latino institutions through work in the areas of education, health, immigration, civic engagement, economic empowerment, & the environment. The Hispanic Federation can provide technical and planning support to the communities and local practitioners, access to communities already working on climate recovery plans, as well as help in building collaborative partnerships with other stakeholders to develop and support solutions to coastal adaptation issue(s) at the community level.

Project Activities

According to the Global Climate Risk Index 2021, Puerto Rico tops the list of areas most affected by climate impacts from 2000 to 2019. This vulnerability is caused by multiple factors, including the archipelago's rapid and unplanned development near the coastal zone, a longstanding financial crisis, and historical disinvestment in public infrastructure and prepardness. Despite the pressing need for it, the government has not been able to advance projects that prioritize local adaptive capacity with adequate governance and design principles. Moreover, at the local level, with limited capacity for sustainable planning and community engagement, municipal land use plans rarely include measures for climate adaptation or meet the diverse needs of their communities.

General Context

The Puerto Rico archipelago is located in the northeastern portion of the Caribbean plate between the North Atlantic and the Caribbean Sea, with an area of 3,425 square miles. The main island, which accounts for 99 percent of Puerto Rico's area, is the eastern-most and the smallest of the Greater Antilles. Its geographical landscape includes coastal areas and a mountainous interior with the highest elevation being 1,338 meters (4,390 feet) above mean sea level. Vieques and Culebra islands are located to the east and are populated year-round, while Mona, Monito and Desecheo at the west, and Caja de Muertos at the South are natural reserves. Approximately 419,000 of its population live within the coastal zone (1 kilometer inland with additional distance for key natural systems), and 2.3 million live within the 44 coastal municipalities of Puerto Rico (Diaz and Hevia 2011).

In terms of economic development, Puerto Rico is going through an economic and social crisis as a result of a severe and lasting recession. The Gross Domestic Product (GDP) has decreased in 0.6 percent since 2020 showcasing the chronic stagnation of productive activity. The island economy shrunk by an aggregate of 14% between 2007 and 2016. The unstable economic situation combined with the impacts of climate-induced events has resulted in migration outflows that impact social cohesion, cultural and heritage loss, and leaves a higher burden on those who stay without appropriate macroeconomic and debt policies. Decades of fiscal and economic mismanagement have created chronic deficits, low employment levels, large informal economy, high debt, government corruption, tax evasion, predatory rent-seeking behavior in public and private sector, weak productive base, high levels of private consumption and public indebtedness. These deficits led to the establishment of a Fiscal Board, which has proposed a suite of austerity measures it its Fiscal Plan that not only impose severe damages on the 35 million of Puerto Rico residents but also create a much harder landscape for the expansion of climate policies. Currently, six year after Hurricane Maria, Puerto Rico still lacks a climate plan or strategy to protect its residents.

Environmental and Climate Change Context

Puerto Rico holds assets, including its natural, diversity that if leveraged could make important contributions to a more sustainable, inclusive, and resilient post-pandemic society. Puerto Rico is home to some of the world's most impressive natural and manmade wonders, such as 799 miles of coastline with over 300 beaches, vibrant biodiverse coral reefs, El

Yunque rainforest (the only subtropical rainforest in the U.S. National Forest System), The Mona Island that is home to more than 100 endangered species; and 51 natural protected areas that conserve wetlands, dry forests, rainforests, caves,caverns, groundwater, cays,islets, and critical habitats for many species of flora and fauna. Coral reefs have the highest biodiversity of any marine ecosystem, with some 91,000 described species of reef taxa. And while terrestrial biodiversity is not as high as coral reefs of the Caribbean, endemism among terrestrial flora and fauna is particularly high in Puerto Rico. Puerto Rico ranks 13th with 78.9% the highest percentage of endemic amphibians above Chile, Papua New Guinea, the United States, Mexico, Brazil, India and China (IUCN 2012). All these features explain why Puerto Rico has been affectionately given the name *la Isla del Encanto*, the Island of Enchantment. Without healthy ecological systems Puerto Rico would not be able to boast such wonders.

Goal 1. Improve participation pathways in adaptation planning

Task 1.1 Initiate and launch the PlaLLA process. Host a multilevel launch event where CSO, NGO, local and national government, private sector, academia, and philanthropies learn about the project.

Deliverable: PlaLLA launching workshop report.

Task 1.2 Coordinate Regional Citizen Climate Assemblies. Design and host regional consensus building, representative, transparent and open climate assemblies to develop a robust national climate strategy that lays out the pace, scale, and impact of actions across the natural and built environment that are necessary to protect Puerto Rico and its people, and bring the island's actions in line with the Paris Agreement.

Deliverable: 5 Regional Citizen Climate Assemblies

Task 1.3 Communicate recommendations to Puerto Rico Mitigation, Adaptation, and Resilience Plan, including social innovations regarding modes of participation, transparency, and accountability.

Deliverable: Draft recommendations for the Climate Change Committee of Experts and Advisors (CEACC, spanish acronym)

Goal 2 Strengthen technical capacity of local actors and governments for participatory decision-making

Task 2.1 Develop policy and decision makers and implementers capacity building series. Create in-person and online training material for local governments and practitioners on a) the importance of climate change adaptation planning and implementation (including vulnerabilities, potential impacts and opportunities) locally-led adaptation and climate action; b) the proposed process to design, implement and update municipal and regional adaptation/land-use plans; c) methodologies and critical issues to implement adaptation measures supported by community members.

Deliverable: Three training sessions offered to policy and decision makers and implementers from relevant institutions at national and local levels, Training at least 10 policy decision-makers and implementers

Task 2.2 Provide public participation and resource training and information for community members. These workshops will include expert presentations, interactive

discussions, small group break-out sessions on best practices, negotiation and conflict resolution skills, Justice40 opportunities, CBDG funds, and case studies.

Deliverable: Two training sessions for civil society, non-governmental organizations, and local communities. At least 30 civil society members trained.

Task 2.3 Establish of a Public Participation community of support and practice through the workshops and knowledge-sharing opportunities facilitated through this program.

Deliverable: At least one island-wide community case studies sharing events led by the voices spearheading systemic changes at the ground level.

Goal 3 Incorporate LLA consideration into community, local, and national planning processes

Task 3.1 Host participatory meetings to identify, discuss, and prioritize climate risk and solutions with community residents, taking into consideration their socio-economic context. These will be co-planned with the respective Community Lead.

Deliverables: Kick-off meetings in each community. At least 10 participatory meetings in each community. Report on Community Climate Vulnerabilities

Task 3.2 Consolidate the inputs developed in a Community Climate Adaptation Plan document that explicitly presents the prioritized adaptation solutions.

Deliverable: Community Climate Adaptation Plan document, including priority adaptation actions at the sector, community, and municipal level.

Task 3.3 Present Community Climate Adaptation Plans to local governments to integrate LLA recommendations and enable suitable and effective engagement pathways for improved municipal land-use and regional plans that integrate access to information, public participation, accountability, and education in climate and environmental matters.

Deliverable: Draft language on participatory formulation and implementation of municipal and regional plans, Presentation of Community Climate Adaptation Plans (CCAP) led by community members.

Task 3.4 Support direct interventions co-designed with members of the communities selected in the project, allocate fund toward implementation or creating a pilot for a suitable intervention from the Community Climate Adaptation Plan.

Deliverable: Three direct community interventions, Community Pilot Report

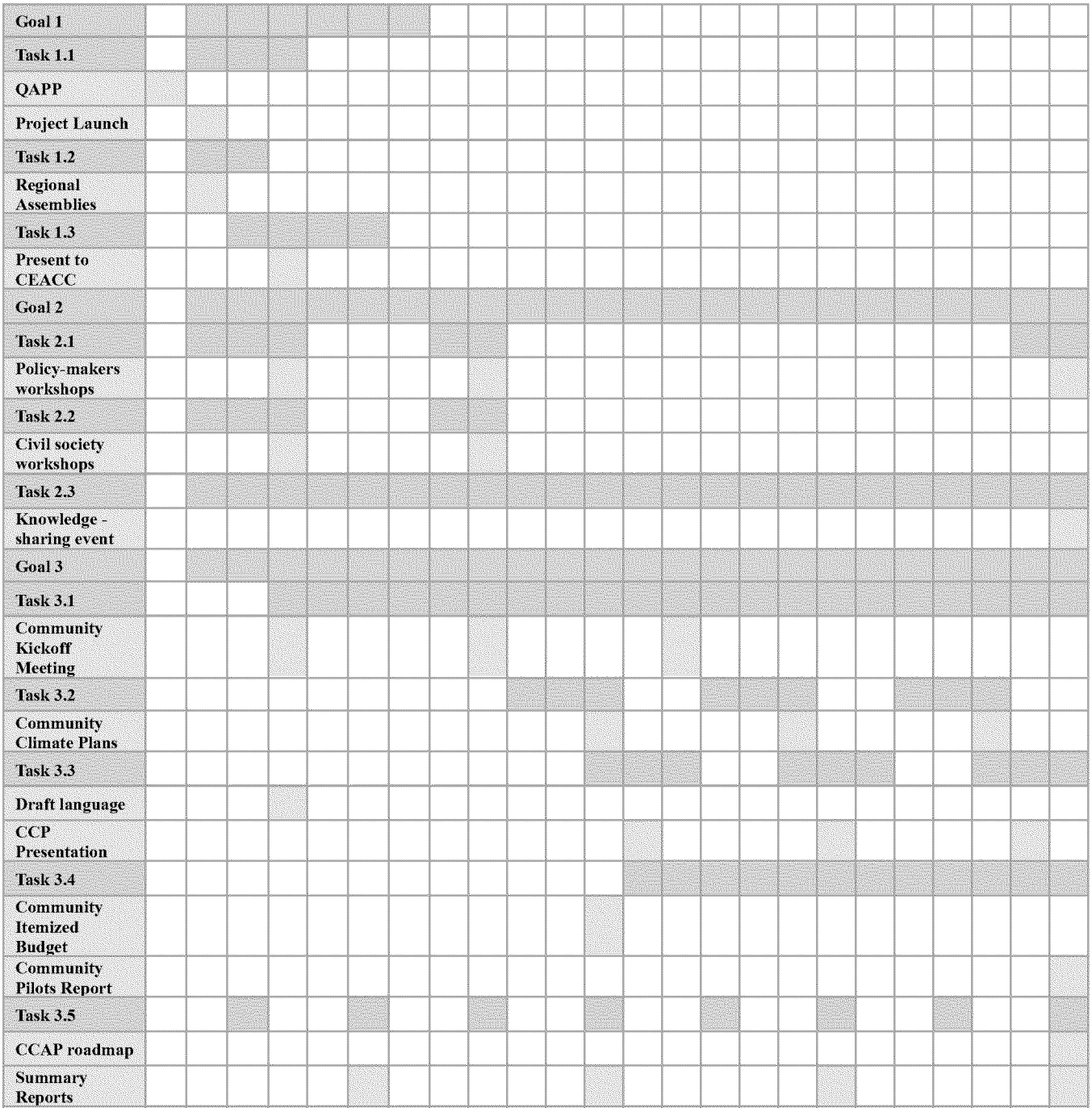
Task 3.5 Identify other stakeholders that might have an interest in this work (e.g. in government, philantropies, and universities) and invite them to the CCG meetings.

Deliverable: Quarterly meetings (8), CCAP implementation roadmap

Milestone Schedule

The 2-year Gantt chart below show the goals (pink) and activities (blue) timeline and the milestones (green) of the project.

	Year 1												Year 2											
Month:	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12



Budget Narrative
See Attached Budget and Budget Justification

Environmental Results – Outputs, Outcomes, an Performance Measures (Logic Model)

Environmental Results
See Attachment

Performance Measurement Plan

PlaLLA project includes a comprehensive evaluation plan developed to determine success in meeting the goals of increasing public awareness, knowledge, modified attitudes regarding environmental issues, and behaviors that promote individual and community resilience. Specific goals, objectives, and activities have been delineated in the above sections. The performance measurements for the project derive from the Logic Model, and include the following activity measures and outcomes:

# of residents engaged in the national climate plan process (target = 100)
Inclusion of participation and LLA provisions in PR Climate Mitigation, Adaptation, and Resilience Plan
# of residents aware of climate impacts in each community (target = 100 residents x 3)
# of local policymakers and practitioners trained in LLA and participatory processes (target = 10)
# of residents trained in public participation and resource mobilization (target = 30)
residents provide support and input through the CCAP process (target = 50)
of local stakeholders committed to project and addressing community's issues (target = 1 govt, partners, 1 local nonprofit, and 1 university)
# of community leaders trained and ready to support implementation (target = 3)
national CBOs learning from the project (target = 40).
of stakeholders participating in efforts to address community issues (target = 2 govt. partners, 2 local nonprofits and 1 university).
# of national stakeholders learning about project (target = 20)
# of municipal plans including participatory and locally-led adaptation (target =3)

Tracking will be undertaken using Excel, showing baseline data, the project targets and progress towards these tracks. The Project Assistant is responsible to lead this work. Quantitative data will be supplemented with qualitative data and information arising from the quarterly meetings of the CCG. The Co-PMs will collect information, collect the field data, and provide the progress reports throughout the project period as per the RFA requirements. The evaluation design includes both process and product evaluation to:

1. Better determine the effectiveness of the program for participants
2. Document that project objectives were carried out and achieved in terms of: assistance documentation, knowledge gain measurement (pre and post evaluations), plans completed for each community, and meeting minutes.
3. Provide information about service delivery that will be beneficial to the program staff using perception questionnaires.
4. Enable program staff to make changes that improve program effectiveness

The CCG will use the information gathered during the planning, implementation, and evaluation processes to interpret, report findings, and recommend modifications for improving the project for future implementations.

Sustainability Plan and Community Vision
We plan to utilize the results and momentum of PlaLLA to achieve the communitys' goals and objectives by: (1) building on previous articulated vision and ongoing work already being done in and by the community groups; (2) gathering available information of climate impacts, existing plans relevant to the project, and inviting the participation of local government and other stakeholders; and (3) developing clear courses of action for next steps in a community driven process; and (4) mobilizing key actors and stakeholders to help with implementation.

It is essential to note the community's current work and initiatives related to the project's objectives. We intend to align the project's activities with these existing efforts to create a more comprehensive and cohesive approach to addressing climate adaptation issues. This approach will help build on the community's vested interest in the project's success and create a shared sense of ownership and responsibility for its outcomes.

A key aspect of this work involves carefully planning how to leverage PlaLLA outcomes to maximize the project's impact beyond this project. To this end this project offers:

National visibility: As part of the island-wide Climate Citizen Assemblies partnership led by Climate Trace PR, participants are part of a island-wide effort to lift their recommendations to shape climate agenda. We will also create knowledge-sharing spaces where lessons learned and best practices can be shared with other communities, policy makers, and academia. By documenting the project's activities, outcomes, and lessons learned during the process, we hope to create a blueprint for others to follow. This approach will help promote the project's success and impact beyond the community, creating a ripple effect that can benefit other communities facing similar challenges.

Resource mobilization: By leveraging the power of multilevel partnerships and Justice40 opportunitiesto ensure Community Climate Adaptation Plans are implementable and fundable by identifying opportunities and potential implementation partners. Additionally, we intend to leverage PlaLLA's momentum to attract additional resources and support for future community initiatives. By demonstrating the project's impact and success, we seek to generate interest and facilitate funding opportunities. This can help sustain the project's momentum and contribute to achieving the community's long-term goals.

Transferability: We will work on integrating locally-led adaptation and climate justice considerations in local and national government operations to normalize participatory planning. This project also collaborates with a wide range of expertise, which in addition to fostering innovation will provide a framework to easily share best practices with other communities.

Programmatic Capability

Organizational Experience
Sociedad Ambiente Marino (SAM) has led projects that integrate local and marginalized communities and fisher villages for strengthening proper participatory management of the coral reefs and coastal planning. It has carried out a myriad of community-based projects and provided

research and hands-on opportunities to community members and student volunteers through years of dedicated work. Through their work SAM fosters inter and trans-disciplinary dialog among practitioners, scientists, managers, base community volunteers, and other cross-sectorial stakeholders. SAM is an active member of the Community Advisory Board of the Natural Reserve Canal Luis Peña in Culebra PR, where they lead most conservation efforts. Specifically, it has worked for over 20 years in Culebra improving coastal protection, promoting marine-related economy, and sustainable development. SAM currently is the protector and manager of the oldest community-based coral aquaculture and reef rehabilitation program in the Caribbean. We have coordinated stakeholder engagement to inform our technical support and participation in coastal planning processes. Moreover, we have also work with additional coastal communities through trainings and coral rehabilitation programs. SAM is also a member of the Citizens Climate Assembly partnership which has been working over four years in developing innovative pathways and empowerment to citizens to shape and oversee government climate policies are credibly implemented. SAM and its network of established partners will be key for connecting with the community, providing capacity building, and identifying implementation partners.



Figure 1. Sociedad Ambiente Marino work. On the left, a group of students and Culebra community is led by SAM in the coral restoration field work. On the right, a PR Climate Citizen Assembly

Partnerships and Governance

Project Managers (PM) - Isatis Cintron-Rodriguez and Ariam L. Torres Cordero are responsible for overseeing the process from start to finish. They will be responsible for the development, consistency and timeline of the project. Cintron-Rodriguez and Torres-Cordero will oversee all project activities, including: budget management, work planning, staff training and mentorship to meet objectives within the project timeframe. Specifically, they will chair the Community Cour Group and coordinate work among the different stakeholders for timely, rigorous, and collaborative project progress. They will work closely with the Project Assistant (PA)

Project Assistant (PA) - The Project Assistant will work with the PMs and three Community Leaders to oversee the project's activities. This will involve supporting the project workplans and consulting with the PM and three Community Leader on decision points. They will responsible for communication, scheduling, project progress tracking, consolidating inputs, supporting the design and facilitation of the regional assemblies. Additionally, they will be significantly involved in the writing of reports and Community Climate Adaptation Plans.

Community Leads - The Community Leader will be responsible for overseeing the Community Climate Adaptation Plan process including the community meetings outreach and dissemination. They will support the PM in the consolidation of inputs. The community leader will help identify existing or potential leaders among residents in the community. We have identified one community lead in Culebra, the community we have worked for the longest, and we will work with our CBO partners to identify the community leads for Salinas and Loiza.

Community Core Group - The Community Core Group (CCG) will be made up by the PMs, CL, and partner organizations. The CCG will ensure consensus-building and integrity, recommend expansions or modification to project components, review annual work plans, resolve challenges, and promote effective integration and global awareness. They will also help ensure the implementation of the plans is fully resourced after EJCPS is finished.

Staff Experience / Qualifications of Project Manager (PM)

Project Co-Manager. Isatis M. Cintron-Rodriguez, PhD, Project Co-PM. She is a Postdoctoral Fellow at Columbia Climate School supporting partially Sociedad Ambiente Marino as an investigator. Isatis is a Climate Governance and Participation specialist, manager and researcher with over 10 years of experience. She has a long track record of institutional capacity building, technical support and community organizing around environmental policy, climate science, human rights, multilateral process. She is the founder of Climate Trace and serves as a Board Member and Regional Coordinator for Latin America for Citizens Climate International, leading and coordinating a team of 30 focusing on outreach and expanding the civic space at the local, regional and international level since 2015. Additionally, she supports countries around the world in the negotiation and national processes to implement people-centered climate action in decision-making. She specializes in the design and deployment of participatory processes, such as citizens assemblies. She has won the National Science Foundation Graduate Fellow Award and her work has been supported by the Union of Concerned Scientists to make citizens' assemblies to build a community-led NDC for Puerto Rico, a blueprint that has served to coordinate and deploy citizens assemblies globally for broadening spaces for civic engagement at the local and international levels. She is part of the coordinating teams of the UN communities Education Communication and Outreach Stakeholders and Human Rights and Climate Change. PM Cintron-Rodriguez has experience and a host of tools to smooth project administration and management: policy and procedures manuals, terms of reference for roles, social media guidelines, co-creation protocols, strategic plans, and partnership agreements.

Project Co-Manager. Ariam L Torres Cordero, is the co-founder Urbana Planifica and Postdoctoral Research Scholar at Columbia World Projects. Ariam earned his doctorate in regional planning from the University of Illinois, Urbana-Champaign in 2022. His research

focuses on alternative forms of planning that seek to advance more socially and environmentally just recovery processes for disadvantaged communities in post-disaster environments. Between 2019 and 2021, Ariam was a research fellow at the Center for Puerto Rican Studies at Hunter College in New York. In that capacity, he investigated disaster governance models in five different U.S. jurisdictions: Louisiana, South Carolina, Texas, Florida, and Puerto Rico, and wrote the article: "What is possible? Policy Options for Long-term Disaster Recovery in Puerto Rico," published in CENTRO Journal. Ariam has taught classes on social inequality, planning history and theory, plan-making, and disaster recovery at the Graduate School of Planning and the College of General Studies at the University of Puerto Rico, Río Piedras. He is also the co-founder and co-executive director of the non-profit organization Urbana Planifica, which focuses on planning research, education, and civic support in Puerto Rico.

Project Assistant. Monica Flores has 10 years of experience organizing and facilitating processes for diverse sectors around social and environmental justice issues. She is currently a Phd student in Environmental Sciences at the University of Puerto Rico focusing Watershed Management from a socio-environmental perspective. In her Climate Trace's Community Outreach Coordinator role, she supports the design and implementation of the Puerto Rico Climate Citizens Assemblies partnership. Previous works include supporting climate adaptation and vulnerability research projects as part of the Coastal Research Planning Institute of Puerto Rico. Flores also coordinated the Energy Constituents Roundtables for the National Institute of Energy and Island Sustainability (INESI, in Spanish), involving government, academia, unions, private sector, community leaders and civil society in general.

Community Leader. Nicolás Gómez Andújar is a coastal community and resource practitioner. He is a Field Technician at Sociedad Ambiente Marino. Gomez is part the Community Advisory Board of the Natural Reserve Canal Luis Peña. He also facilitates the self-management of the Culebra Fisheries Association and an organization of fisherfolk and sea workers on the island, since 2021. Through the design and implementation of collective agreements, the transmission of knowledge to a new generation, and gender equity, he hopes to create ecological sustainability, food security, and community well-being. He has won the Open Society Puerto Rico Youth Fellowship to support his work in the Culebra Fisheries Association. Andújar is a marine scientist and coastal conservation practitioner. He completed his bachelor's degree in environmental sciences at the University of Puerto Rico at Río Piedras and his master's degree in marine resource management at Oregon State University.

Administrative Contact, Samuel Suleiman is the Founder and Executive Director of Sociedad Ambiente Marino. He is an experienced director of resources with a demonstrated history of project management, partnership building and working with communities and higher education institutions. Skilled in Nonprofit Organizations, ArcGIS, Program Evaluation, Mitigation, and Lecturing. Strong human resources professional graduated from Universidad de Puerto Rico. Suleiman will support the contracting, payment, and finance reporting.

Expenditure of Awarded Grant Funds

In the event of being awarded the funds, the organization's finance administrative executive will be in charge of the management and drawdown of the funds. The organization has created a bookkeeping system with Excell pivot tables to track accounts, expenditures, invoices, record

transactions, etc. The organization will use the federal procurement process following the purchase thresholds as established in the 2 CFR 200. The Project Manager will submit requisition forms with proper justification to be approved by the Executive Director at the moment of acquiring materials or services are needed for the implementation of the goals described in this proposal. The project manager will also approve every quote related to this project to validate that the services described are in compliance with the scope of work of this project and with EPA's Guidance on Participant Costs.The organization's accountant will support the finance administrative executive and generate accounting reports, file tax returns, and advise financial decision making.

Past Performance

Project & Management	Source of Support	Amount	Award Period	Reporting requirements (timeliness)
Ocean Community Engagement and Awareness using NASA Observations and Science for Hispanic/Latino students (OCEANOS) *Description:* This project is a collaboration between [NASA/Ames] Sociedad Ambiente Marino; Caribbean Coastal Ocean Observing System (CARICOOS); University of Puerto Rico, Mayagüez; EcoExploratorio: Science Museum; and the Ecology Workshop of PR. The objective is to train low-income Hispanic/Latino high school and undergraduate students on technical skills for NASA data management and analysis. The aim is to improve scientific literacy and STEM engagement of this population in marine and coastal sciences.	NASA	$2.7 million	2022-2026	*Ongoing* During the first year (2022) we focused on educational modules development. Currently, we are piloting the modules with 20 students. Every month, all organziations involved take stock of progress towards task and goals set in Work Plan.
Stony coral tissue loss disease (SCTLD): An integrative study for the management and conservation of susceptible coral species *Description:* This project objective is to provide valuable information to the scientific community and the government of Puerto Rico on how to	NOAA	$286,000	2020-2022	Status reports were submitted every six month. Final Report was submitted on time and is under final submission from NOAA.

manage susceptible coral populations to ensure species survival and reconlonize coral colonies impacted by the SCTLD.				
Restoring the three-dimensionality of hurricane-impacted coral reefs in Puerto Rico *Description:* This project aims to restore four coral reefs in Culebra severely impacted by Hirricanes Maria and Irma, leaving Culebra unprotected from wave action. The project uses a multi-method restoration approach that combines outplanting artificial coral colonies using 3D printing with multispecies outplants.	National Fish and Wildlife Foundation	$1.6 millones	2020-2023	Status reports are submitted every 3 months A final report is due in September 2023
Restoring the seagrass-coral reef continuum habitats across heavily hurricane-impacted coastal areas in Culebra Island, Puerto Rico *Description:* These restoration efforts support livelihood and food security. Over the project period, 21,000 endangered corals and 4,128 seagrass plugs will be outplanted adjacent to coral sites to speed up natural recruitment and recovery.	NOAA	$704,451	2020-2023	*Ongoing* This project was managed by reimbursement mode which guaranteed outcome delivery on time. Status reports are prepared every six months to evaluate progress and fulfill NOAA requirements.
Impact of the invasive sea vine Halophila stipulacea on native seagrasses, invertebrates, and fish assemblages *Description:* This project aims to improve the understanding on the resilience capacity of native seagrass and associated organisms under the	NOAA	$68,000	2020-2021	Status reports are prepared every six months to evaluate progress and fulfill NOAA requirements. Delayed by COVID19

invasive pressure of H. stipulacea and human-impact.				permiso ejecutivo, endoso de DRNA quarantine, alcaldest travel restriction Technical Reporte final

Quality Assurance Project Plan (QAPP) Information

This project will require a Quality Assurance Project Plan (AQPP), which will be developed upon notice of award.

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1234-The Bronx is Blooming EPA EJCPS Program Requi

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1237-The Bronx is Blooming EPA EJCPS Program Work Prog

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To add more Project Narrative File attachments, please use the attachment buttons below.

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BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. PLACE Program Expansion and Urban Forestry Workforce Development		$	$	$ 50,000.00	$ 382,000.00	$ 432,000.00
2.						
3.						
4.						
5. Totals		$	$	$ 50,000.00	$ 382,000.00	$ 432,000.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1)	(2)	(3)	(4)	Total (5)
	PLACE Program Expansion and Urban Forestry Workforce Development				
a. Personnel	$ 98,670.00	$	$	$	$ 98,670.00
b. Fringe Benefits	21,330.00				21,330.00
c. Travel					
d. Equipment					
e. Supplies					
f. Contractual	18,000.00				18,000.00
g. Construction					
h. Other	12,000.00				12,000.00
i. Total Direct Charges (sum of 6a-6h)	150,000.00				$ 150,000.00
j. Indirect Charges					$
k. TOTALS (sum of 6i and 6j)	$ 150,000.00	$	$	$	$ 150,000.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. PLACE Program Expansion and Urban Forestry Workforce Development	$	$	$ 382,000.00	$ 382,000.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$ 382,000.00	$ 382,000.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$	$	$	$	$
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$	$	$	$	$

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)			
	(b)First	(c) Second	(d) Third	(e) Fourth
16. PLACE Program Expansion and Urban Forestry Workforce Development	$ 50,000.00	$ 50,000.00	$ 50,000.00	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 50,000.00	$ 50,000.00	$ 50,000.00	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges:

23. Remarks:

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The Bronx is Blooming

Program for Leaders Advancing their Community's Environment (PLACE): Partnership Building for Program Expansion and Urban Forestry Workforce Development in Frontline Communities

Project affects Bronx County, New York

Manifest for Grant Application # GRANT13862024

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 23957 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16059 bytes)

2. Form SF424A-V1.0.pdf (size 22790 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40285 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 16034 bytes)

5. Form SF424_4_0-V4.0.pdf (size 24058 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37271 bytes)

Attachments Included in Zip File (total 5):

1. SF424_4_0 SF424_4_0-1235-Project Location.pdf application/pdf (size 23929 bytes)

2. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1237-The Bronx is Blooming EPA EJCPS Program Work Program.pdf application/pdf (size 198758 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1234-The Bronx is Blooming EPA EJCPS Program Required Attachments.pdf application/pdf (size 1946514 bytes)

4. SF424_4_0 SF424_4_0-1236-Bronx Congressional Districts.pdf application/pdf (size 23855 bytes)

5. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1238-The Bronx is Blooming EPA EJCPS Program Required Attachments.pdf application/pdf (size 1946514 bytes)

The Bronx is Blooming

Program for Leaders Advancing their Community's Environment (PLACE): Partnership Building for Program Expansion and Urban Forestry Workforce Development in Frontline Communities

Congressional Districts 13, 14, 15, 16

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-NQ_EJCPS_EPA Itemized Budget.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-NQ EPA EJCPS Project Narrative .pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. EPA Collaborative Problem Solving Grant		$ 500,000.00	$	$	$	$ 500,000.00
2.						
3.						
4.						
5. Totals		$ 500,000.00	$	$	$	$ 500,000.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1)	(2)	(3)	(4)	Total (5)
	EPA Collaborative Problem Solving Grant				
a. Personnel	$ 163,050.00	$	$	$	$ 163,050.00
b. Fringe Benefits	40,763.00				40,763.00
c. Travel					
d. Equipment					
e. Supplies	2,000.00				2,000.00
f. Contractual	180,000.00				180,000.00
g. Construction					
h. Other	93,806.00				93,806.00
i. Total Direct Charges (sum of 6a-6h)	479,619.00				$ 479,619.00
j. Indirect Charges	20,381.00				$ 20,381.00
k. TOTALS (sum of 6i and 6j)	$ 500,000.00	$	$	$	$ 500,000.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. EPA Collaborative Problem Solving Grant	$ 0.00	$ 0.00	$	$ 0.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$ 0.00	$ 0.00	$	$ 0.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 175,000.00	$ 43,750.00	$ 43,750.00	$ 43,750.00	$ 43,750.00
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 175,000.00	$ 43,750.00	$ 43,750.00	$ 43,750.00	$ 43,750.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. EPA Collaborative Problem Solving Grant	$ 175,000.00	$ 175,000.00	$ 150,000.00	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 175,000.00	$ 175,000.00	$ 150,000.00	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: $479,619

22. Indirect Charges: $20,381

23. Remarks:

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Tracking Number:GRANT13861658 Funding Opportunity Number:EPA-R-OEJECR-OCS-23-01 Received Date:Apr 14, 2023 04:34:29 PM EDT
ED_016126_00001350-00003

Nos Quedamos EPA-R-OEJECR-OCS-23-01 - PKG00279168

Total Budget= $500,000

Personnel ($163,050)

1. NQ Executive Director and Project PI, Full-Time (10% of $115,000/year=$11,500 x 3 years= $34,500): The NQ's Executive Director will oversee the project team and all project activities. She will oversee the development of curriculum for the Youth Leaders and Organizers and another for the Community (working directly with the Curricula Development Consultant); monitor progress against milestones; review financial expenditures, and coordinate and submit all reporting/documentation required by the EPA. She will also coordinate with key partners, local coalitions and stakeholders, state and local elected officials to engage in the activities outlined in the proposal.

2. Community Organizer, Full-Time (20% of $45,000/year= $9,000 x 3 years=$27,000): Community Organizer will provide significant input and guidance on the development of the curricula for the Youth Leaders and Organizers, and will work with NQ leadership to implement the youth curricula in Year Two of the grant period. These activities include: participation in trainings and workshops; collaboration with the Environmental Literacy Team to plan and present community programs/events.

3. Resiliency Organizer, Full-Time (20% of $55,000/year=$11,000 x 3 years= $33,000): Will contribute to the development of two curricula, one for the Youth Leaders and Organizers and another for the Community. They will also oversee the work of the evaluation consultant.

4. EJ Program Coordinator, Full-Time (30% of $65,000/year=$19,500 x 3 years=$58,500): The EJ Program Coordinator will facilitate communication with the curriculum multi-stakeholder Curricula Design Development Team (CDDT) and handle all administrative functions with the project.

5. Communications Director, Full-Time (5% of $67,000/year=$3,350 x 3 years=$10,050): The Communications Director will coordinate all outreach activities with the community, develop communication resources, and inform the community about the community trainings. They will coordinate communication with Congressman Torres' office.

Fringe Benefits (25% of $163,050= $40,762.50)

Fringe Benefits will cover health insurance, payroll taxes, social security, worker's comp and social security.

Supplies ($2,000)

This includes the cost of printing and production of materials for community outreach and 3-6 community trainings.

Contractual (3 consultants @$60,000 each=$180,000)

1. **Monitoring and Evaluation EJ Consultant ($60,000):** This consultant will support leading the performance management and evaluation plan for NQ's funding. This will include

conducting an evaluation of the project including outputs (process measures) and outcome identified in the logic model

2. **Curricula Development Consultant ($60,000):** This individual/company will have subject matter expertise in instructional design and curricula development, and will lead the development process of the curricula for both the Youth Leaders and the wider community. They will map out behavioral learning objectives, sessions/workshops, activities, that help improve participants knowledge, skills, and abilities.
3. **EJ SME Curricula Development Consultant ($60,000):** This individual/company will have subject matter expertise in Environmental Justice with some curricula development experience. They will ensure all accurate and relevant information is included in the curricula.

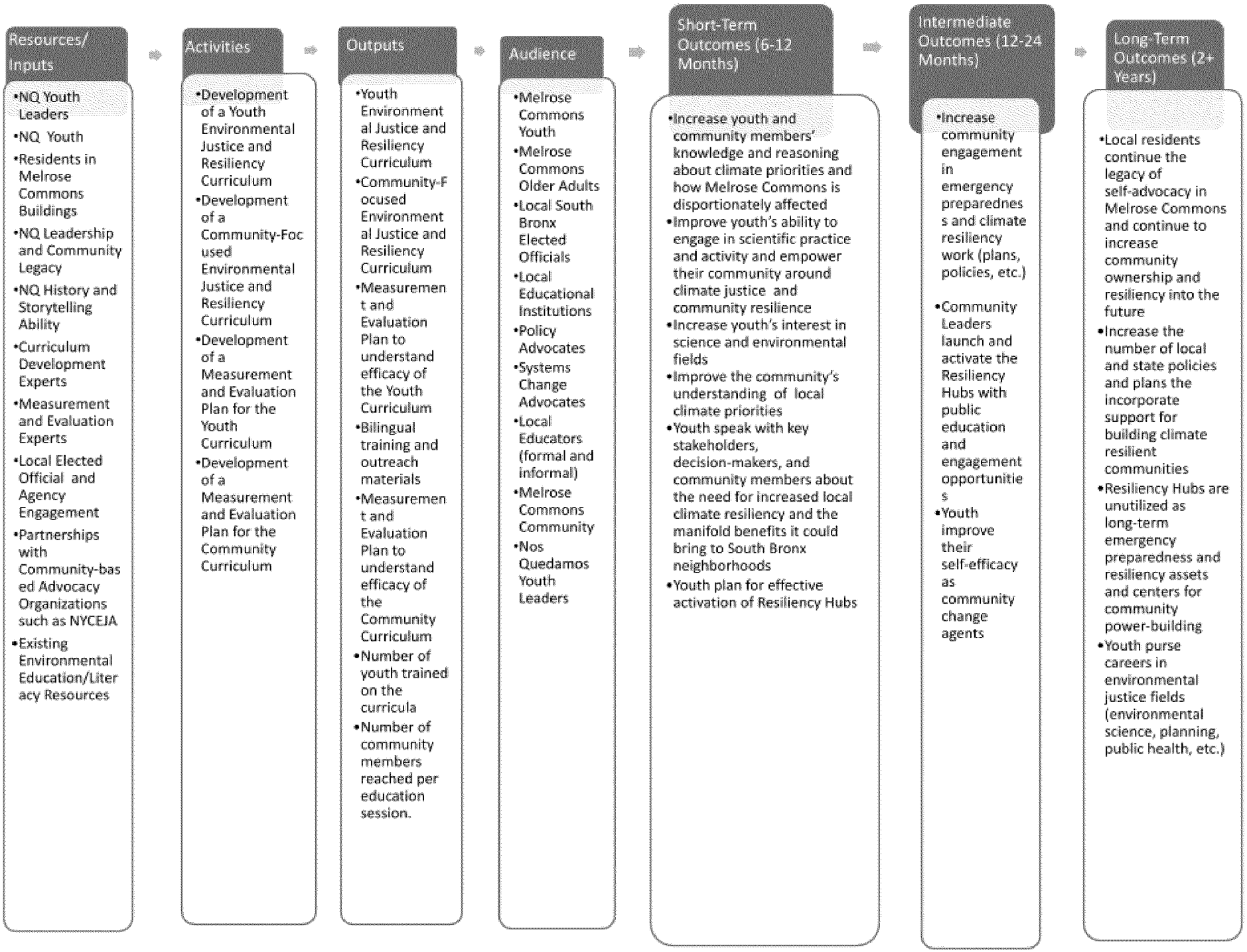
Other ($93,806.25)

1. **Translator Fees ($2,806.25):** This includes the translation of outreach and training materials and having specific translators at the 3-6 community workshops.
2. **Stipends for Youth and Community Attendees/Collaborators ($31,000):** Stipends will be given to Youth Leaders and community members for participation in curricula development and related activities, and participation in pilot training and evaluation activities.
3. **Partner Sub-Grant- NYC-EJA ($60,000):** This key partner will be compensated for contributions to the review of the curricula, providing specific feedback to NQ and the multi-stakeholder Curricula Design Development Team (CDDT). Meeting bimonthly with key staff about the curricula development and support the testing of the curricula. (Note that other key patterns will contribute to the project in-kind.)

Indirect ($20,381.25)

This includes 10% of the total personnel ($163,050) & fringe benefit expenses ($40,762.50), a total of $203,812.5

Nos Quedamos EPA EJCPS Logic Model



Congress of the United States
Washington, DC 20515

March 29, 2023

U.S. Environmental Protection Agency (EPA)
Office of Environmental Justice and External Civil Rights (OEJECR)
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

To Whom it May Concern at OEJECR,

I write to express support for the application submitted by We Stay/Nos Quedamos Inc. (NQ) in response to the Environmental Protection Agency's Environmental Justice Collaborative Problem-Solving (EJCPS) 2023 Grant Cycle.

For three decades, NQ has served Melrose Commons as a rooted responder and advocate for the community. Since their early days, NQ has harnessed the power of committed local residents and business owners resolved to remain a part of Melrose Commons and act as equal partners with the City of New York to resist displacement and develop sustainable, healthy, livable communities. NQ has engaged with my office considerably and we have partnered together to increase emergency preparedness and climate resiliency for the South Bronx as a whole. Under the leadership of Executive Director Jessica Clemente, NQ is well positioned to continue their large-scale initiatives around community led climate resiliency and emergency preparedness to develop and implement training curricula that will empower and strengthen the South Bronx communities they serve. As proposed in NQ's EPA EJCPS project, my office will partner with NQ to raise the profile of project activities, conduct community outreach and engagement, and distribute key information through our deep networks.

I am enthusiastic about the potential impact of the proposed project to address information and skills gaps within the community, and build pipelines for marginalized residents towards careers and advocacy roles in the environmental justice and resiliency spheres. Our shared values and past partnership make us well-equipped to work together to further climate justice and resiliency in Melrose Commons and the South Bronx. Please accept my recommendation for their application, and I look forward to supporting this project as one that significantly improves environmental literacy and resilience in Melrose.

Thank you for your consideration.

Sincerely,

Ritchie Torres
Member of Congress

New York City Environmental Justice Alliance
166A 22nd Street, Brooklyn, NY 11232 | www.NYC-EJA.org

On the ground – and at the table

April 6, 2023

U.S. Environmental Protection Agency
Office of Environmental Justice and External Civil Rights (OEJECR)
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

To Whom it May Concern at OEJECR:

I am writing to express my support for the application as submitted by We Stay/Nos Quedamos Inc. in response to the Environmental Protection Agency's Environmental Justice Collaborative Problem-Solving (EJCPS) 2023 Grant Cycle.

Founded in 1991, the New York City Environmental Justice Alliance (NYC-EJA) is a non-profit, 501(c)3 citywide membership network linking grassroots organizations from low-income neighborhoods and communities of color in their struggle for environmental justice. NYC-EJA empowers its member organizations to advocate for improved environmental conditions and against inequitable environmental burdens by the coordination of campaigns designed to inform City and State policies. Through our efforts, member organizations coalesce around specific common issues that threaten the ability for low-income communities of color to thrive. Nos Quedamos is a long-time member of NYC-EJA, and an active coalition member. Most recently, NQ worked with the NYC-EJA to explore ways to incorporate their community resilience projects into NYCEJA campaigns, including NY Renews and Climate Justice Work for All. NYCEJA has also provided NQ with an Environmental Justice graduate fellow from Pratt institute who is supporting NQ's larger initiatives.

Building on our long-standing partnership, NYC-EJA will support NQ's proposed EPA EJCPS project by serving on the Curricula Design Development Team (CDDT). NYC-EJA will be a part of the team that engages stakeholders to identify youth and community knowledge gaps, desired skills among youth and the general community in Melrose Commons, and desired abilities among youth and the general public in Melrose Commons. These knowledge, skills, and abilities gaps will then be addressed during the curriculum development and measurement and evaluation phases. NYC-EJA will also leverage our deep local networks to support knowledge sharing, community outreach and engagement, and ongoing advocacy efforts related to the project.

Please accept my recommendation for their application, and I look forward to supporting this project as one that significantly improves environmental literacy and resilience in Melrose.

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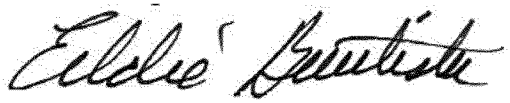
Sincerely,



Eddie Bautista
Executive Director
NYC Environmental Justice Alliance

ED_016126_00001357-00002

March 29, 2023

U.S. Environmental Protection Agency (EPA)
Office of Environmental Justice and External Civil Rights (OEJECR)
1200 Pennsylvania Avenue, N.W..
Washington, DC 20460

To Whom it May Concern at OEJECR,

I am writing to express my support for the application as submitted by We Stay/Nos Quedamos Inc. (NQ) in response to the Environmental Protection Agency's Environmental Justice Collaborative Problem-Solving (EJCPS) 2023 Grant Cycle.

The Institute for Sustainable Communities (ISC) Partnership for Resilient Communities (PRC) program works to transform the national urban climate resilience field by increasing the number of leaders of color in the urban field of practice, advancing approaches that build the resilience of people and places through influence-building and policy approaches, community education, and engagement, and the installation of clean energy and green infrastructure. NQ has been a PRC cohort member for the past 4 years, receiving financial awards and technical assistance to support their larger climate resiliency initiatives, including community education, blue/green infrastructure development, and advocacy efforts. Reflective of the strength of NQ's vision, and the leadership of Executive Director Jessica Clemenets, ISC has invited NQ to present on their work at multiple conferences and covenings.

ISC will support NQ's proposed EPA EJCPS project by supporting shared learning opportunities between NQ and other organizations serving EJ communities nationwide. ISC will also contribute subject matter expertise around resiliency and climate justice through technical assistance, and support NQ's sharing out of the work they produce through this project, utilizing our deep networks. Our shared values and past partnership make us well-equipped to work together with NQ to further climate justice and resiliency in Melrose Commons and the South Bronx. Please accept my recommendation for their application, and I look forward to supporting this project as one that significantly improves environmental literacy and resilience in Melrose.

Sincerely,



Sonia Joshi

Director of U.S. Programs

Institute for Sustainable Communities

Manifest for Grant Application # GRANT13861658

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 21944 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16029 bytes)

2. Form SF424A-V1.0.pdf (size 22912 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40285 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15924 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23890 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 36975 bytes)

Attachments Included in Zip File (total 9):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-NQ_EJCPS_EPA Itemized Budget.pdf application/pdf (size 143612 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1242-EPA_NQ_PRC_PartnerLetter.pdf application/pdf (size 60496 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-NQ_EJCPS_EPA Letter of Commitment - Urban Future Lab.pdf application/pdf (size 157712 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-Jessica Clemente CV 2pg.pdf application/pdf (size 220007 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-NQ_EJCPS_EPA Letter of Commitment-NYC-EJA.pdf application/pdf (size 265661 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-NQ_EJCPS_EPA Letter of Commitment-Torres.pdf application/pdf (size 93322 bytes)

7. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-NQ_EJCPS_EPA Logic Model.pdf application/pdf (size 274055 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-NQ_EJCPS_EPA Letter of Non-Profit Status.pdf application/pdf (size 202380 bytes)

9. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-NQ EPA EJCPS Project Narrative .pdf application/pdf (size 307917 bytes)

1.0 PROGRAM OBJECTIVES

a. Project Summary

Project Title: Nos Quedamos Climate Justice, Community Resilience, and Emergency Preparedness Curricula for South Bronx Youth and Adults

Project Location: Melrose Commons, Bronx, NY 10451-4456

Applicant Information

We Stay/Nos Quedamos, 754 Melrose Avenue, Bronx, NY 10451-4446, Jessica Clemente, Executive Director

Brief Description of Applicant Organization: WE STAY/Nos Quedamos, Inc. (NQ) is a non-profit community development corporation committed to the collective self-determination of the people of Melrose Commons in the South Bronx. Our work respects, supports, and involves the community in plans and policies addressing issues of long-term affordable housing, open space, environmental justice, and community renewal.

Are you applying for the Small CBO Set Aside Track for $150,000 projects? No

Project Abstract: Due to a long history of economic, social, and environmental injustice, the South Bronx community NQ serves is ill-prepared for events associated with climate change such as flooding, frequent storms, blackouts, brownouts, and the urban heat island effect. As a frontline organization serving this disproportionately vulnerable constituency, NQ recognizes community resilience to climate change as a critical gap in the fabric of Melrose Commons, and we have undertaken significant steps toward increasing resilience in the form of physical infrastructure. Local Climate Resiliency Hubs currently in development at three public sites within the Melrose footprint will be outfitted with key blue-green infrastructure, inducing broadband access, solar panels, stormwater collection and treatment, refrigerators, wireless charging stations etc. During emergencies, the Hubs will act as community-led crisis coordinating centers, and in non-crisis times they will be activated as centers for community learning, organizing, and power-building, where residents gain the tools to advocate for long-term climate justice. Before the Hubs launch, NQ must bolster community knowledge and support of climate justice, community resilience, and emergency preparedness to truly operationalize the Hubs in a manner that paves the way for community leadership in these areas. NQ proposes to develop and implement training curricula for Melrose Commons residents, ultimately building the capacity of local Youth Leaders to train the wider community, deeply engage in local resilience issues, pursue careers in environmental justice and related fields, and advocate for local, state, and national policies that increase the resilience of environmental justice communities nationwide.

Project Type(s): Development and pilot implementation of climate justice, community resilience, and emergency preparedness curricula.

Special Considerations: This project qualifies for the Climate Change/Disaster Resiliency special consideration.

Environmental Issue: Climate Resilience and Adaptation

List of Project Partners*:* The NYU Urban Futures Lab (academic institution); New York City Environmental Justice Alliance (community based organization); Institute for Resilient Communities (philanthropic organization); U.S. Representative Ritchie Torres (federal government representative); NYC Emergency Management (government agency)

Will you need to develop a QAPP for your project? Yes

b. Environmental and Public Health information of the Underserved Community: The target audience for our proposed project includes youth and adults in Melrose Commons, a vulnerable community in the South Bronx. In spite of recent revitalization and redevelopment efforts, Melrose Commons suffers disproportionately from poverty, violence, and disease, and its residents have limited access to resources and opportunities to improve their quality of life. Community District 1 (CD1), where Melrose Commons is located, ranks among the most disadvantaged neighborhoods in New York City. CD1's population is 72% Hispanic, 25% Black, 2% white, 1% Asian, 1% Other. 42% are foreign-born, and 35% say they have limited proficiency in English. CD1 has an unemployment rate of 15.4%, the third highest among the city's 51 community districts. More than one in four CD1 residents (27.6%) live below the federal poverty index. 55% of residents spend 35% or more of their income on rent, 25% higher than the city average and the 4th highest among all districts. Assault-related hospitalizations and incarceration rates are both more than triple the citywide average.

Community health is a critical issue for our community. Melrose Commons is located in a food swamp, and residents face higher rates of heart disease, diabetes, and other chronic diseases reflective of a lack of sufficient health resources. Rates of obesity and diabetes (42%, 20%) in CD1 are nearly twice those citywide (24%, 11%). A quarter of children in grades K through 8 have obesity; this is higher than the citywide rate of one in five. A long history of inequitable development contributes greatly to these deleterious health outcomes, which, in combination with drastically reduced community resilience, represent a serious and growing threat to residents. Large manufacturing zoned areas, a disproportionate share of waste transfer stations, and the Hunts Point food distribution center all cause heavy truck traffic that has polluted the air in our communities for many decades. As a result, the Bronx has some of the highest rates of asthma in the US. The South Bronx has the eighth highest asthma hospitalization rate for children ages 5 to 14, which is nearly triple the citywide rate, and adult hospitalizations are considerably higher than rates across the city. Rates of death from asthma in the Bronx are about three times higher than the national average.

The environmental conditions in Melrose exacerbate the economic, social and health challenges that continue to burden residents, particularly in the wake of COVID. Melrose Commons has been overburdened by extensive brownfield sites. In many cases, brownfield sites are clustered along a single block, which impedes the viability of residential and commercial streets. Sections of CD1 have E-Designations for noise pollution, air pollution, and hazardous materials, and include NYC Open Petroleum Spill Locations, NYS Resource Conservation & Recovery Act Facilities, and NYS Brownfield and Voluntary Cleanup Program Sites. Furthermore, CD1 does not have sufficient open space, which is critical for improving environmental conditions and providing natural air filtering. Without taking into consideration the open space provided by community gardens, there are only 14 publicly accessible open spaces within a 1⁄4 mile ratio. This amount of active open space resources does not meet City guidelines. Although community gardens are not considered parks, the impact that these gardens have in our neighborhoods is clear. Yet, as housing demand increases and gentrification persists, many community gardens are at risk of being sold to developers, robbing our communities of more vital assets with the potential to mitigate climate change, foster community resilience, and serve as hubs of community preparedness, urban agriculture,

composting and carbon sequestration, as well as civic engagement and activism, youth programs, wellness, and more.

In the South Bronx, intensifying climate change has accelerated high water events, flooding, brownouts/blackouts, and leakage of toxins, due to highly stressed infrastructure and existing environmental issues. When Hurricane Sandy hit NYC in 2012, Melrose Commons was designated an emergency staging area; however, the community was unprepared and left without much outside assistance. Learning from this pivotal experience, NQ identified climate preparedness, adaptation, and resilience as a vital area of focus. When Hurricane Ida swept through NYC last year, the Major Deegan Expressway became overwhelmed by water, disrupting the movements of Bronxites for days. During heat waves, citywide use of air-conditioning strains the grid, increasing the likelihood of blackouts and brownouts in our area. For heat-vulnerable residents living in energy-inefficient homes, lack of power during a heat wave increases risks of dangerous heat exposure and leaves many residents without a means of communication. Additionally, the confluence of more frequent extreme weather events and the COVID-19 pandemic highlights disproportionately distributed climate vulnerabilities and deleterious health outcomes in our community. As COVID has created greater economic, social, and health challenges for residents, it is more essential than ever that NQ unite Melrose to build resilience in the aftermath of the compounded crises of a global pandemic and climate change.

In recent years, NQ has made leading and engaging the community to advance climate resilience and disaster/emergency preparedness in Melrose a top strategic priority. In collaboration with the Mayor's Office of Environmental Remediation and a New York University Capstone Team, we have engaged in research and studies to develop a holistic Equitable Neighborhood Development Plan to empower Melrose Commons residents and our stalwart institutions to achieve greater community resilience. As the first step in implementing that plan, we are currently developing three Climate Resiliency Hubs in Melrose with full capital funding from the NYS Downtown Revitalization Initiative. Housed at local community gardens and featuring broadband access, solar panels, stormwater collection and treatment infrastructure, and other climate change mitigation and response tools, the Hubs will serve as both vital community resilience assets and demonstration projects that will educate residents, dispel feelings of disempowerment, and instill pride, hope, and belief in the community's capacity to endure and thrive in the face of climate change. During emergencies, the Hubs will act as community-led crisis coordinating centers, providing access to freshwater and resources such as refrigeration, charging stations, and necessities, while serving critical communication functions. In non-crisis times, the Hubs will be activated to educate community members about hazards; engage residents and businesses on steps they can take to respond before, during, and after hazardous events; connect members of the community to the resources necessary to prepare for and withstand the impacts from any hazard event; and provide engagement and educational opportunities to enhance individual adaptive capacity. Just as importantly, the Hubs will serve as focal points and gathering spaces for community organizing and power-building, where residents gain the information, skills, and tools to advocate for community priorities and long-term climate justice. The Hubs sit at the nexus of community resilience, emergency management, climate change mitigation, and social equity, providing opportunities

for communities to become more self-determining, socially connected, and successful before, during, and after disruptions.

Our proposed EJCPS-funded project will equip NQ and our community with a key tool to realize this vision for the Hubs and the broader community-driven resilience movement in the South Bronx. With EPA support, NQ will develop two environmental justice training curricula, one for Melrose Commons Youth Leaders and one for the wider Melrose Commons community. Designed to bolster community knowledge and build strong resident support/leadership for climate justice, resilience, and emergency preparedness initiatives–and to drive the enthusiasm, energy, and robust participation that the Hubs need to deliver on the vision shared above–the curricula will provide comprehensive engaging, and impactful participatory instruction on the following topics:

- The neighborhood's history of partnership, teamwork, and transformative community power, including achieving and implementing the Melrose Urban Renewal Plan;
- Environmental Justice challenges and their specific impacts on Melrose residents;
- Climate Change and its disproportionate impacts on underserved, overburdened communities like Melrose;
- Emergency Preparedness, including identifying key environmental and health risks Melrose residents face and how we can increase resiliency to those hazards; and
- Advocacy and the opportunities to address community concerns through collective action to shape public decisions and investments.

Via the participatory-learning style through which we will deliver these curricula, residents will increase their understanding of the personal and community impacts of climate change, and develop a sense of their power and efficacy to respond and seize control over their futures. By preparing Youth Leaders to "own" and lead trainings for the wider community, the project will uplift the energy and wisdom of local youth and inspire them to educate and engage their peers, family members, neighbors, and decision makers around climate impacts and environmental justice. With our support and encouragement, NQ Youth Leaders completing the curricula and training will continue engaging deeply in environmental justice work, participating in related internships, pursuing positions on local youth boards, and contributing to NQ's city-wide EJ coalition work. Community members participating in the training will gain the information they need to support advocacy campaigns around increased resilience, emergency preparedness, and climate justice. Ultimately, this project will serve as a key component to creating a climate-resilient Melrose Commons and a climate-resilient South Bronx.

c. Organization's Historical Connection to Underserved Community: Nos Quedamos (NQ) began its work in 1992, when NYC proposed the Melrose Urban Commons Renewal Area, which designated 30 blocks in Melrose to be developed for middle-income New Yorkers. This site, however, was already home to roughly 6,000 predominantly black and brown, low- and very-low-income Melrose residents. Outraged by the injustice of their displacement, the local community banded together to create the We Stay/Nos Quedamos Committee, which drafted and passed an alternative proposal called the Melrose Commons Urban Renewal Plan, resulting in the development of affordable housing for over 4,000 Melrose families and seniors and

nearly one million square feet of commercial real estate space, including a medical group, pharmacy, supermarket, and restaurant. As a part of the alternative proposal, NQ's founder, Yolanda Garcia, achieved an unprecedented deal with New York City, ensuring that housing needs would not be met at the expense of open space, and preserving 14 community garden spaces in Melrose Commons. Our generative work as innovators of the "Melrose Urban Renewal Plan" has become a one-of-a-kind, nationally and internationally recognized case study in transformative community power. Our work created an entire footprint in Melrose Commons, protecting and expanding affordable housing, open space, community resources, and vital assets within that footprint, while supporting the needs of the vibrant, diverse community that remains and thrives today.

Melrose Commons represents a successful approach to community-driven development where local residents participated in the planning process, helping achieve a design and development strategy that addressed local needs and culture. In 2012, this neighborhood revitalization plan and the 18-year ongoing implementation of sustainable infill development earned a Stage II LEED-ND Silver certification under the LEED for Neighborhood Development Pilot Program from the US Green Building Council. LEED-ND is a rating system to evaluate with measurable criteria the design and construction of development projects. It recognizes projects that seek to protect and enhance the health and quality of the natural environment and the community with sustainable building practices, and Melrose was the first NYS neighborhood to receive the certification, in recognition of our team's commitment to pedestrian-oriented mixed-use, mixed-income development that maintains open space and sustainable design.

Empowered by its high-profile success, NQ has since served as a leader in community-driven development and a critical support hub for Melrose residents, assisting with a variety of economic and social issues. NQ centers the self-determination of the residents of Melrose in everything we do, and direct input from the community is the driving force behind all NQ programs and services. Aside from monitoring major trends and emerging needs in our community, we rely on regularly solicited resident feedback to guide our programming, building and maintaining relationships with the 4,000 tenants of our 19 affordable housing development, the wider Melrose community, and our network of Bronx and citywide partners to ensure that NQ can act as the community's voice of advocacy and speak their truth. NQ's recent successes include engaging, organizing, and educating tenants around larger issues of affordable housing by helping to form tenant leadership teams; collaborating with artists, arts and culture organizations, and related stakeholders to preserve and amplify the cultural DNA of the South Bronx by creating a comprehensive map of cultural assets in Melrose and Morrisania; and forming the Asociación Huerto y Cultura, a coalition of seven Melrose community gardens that worked together to support the preservation of open space and community resilience. NQ has been successful in its mission not only through physical redevelopment but by preserving the culture and identity of those who remain in the South Bronx. NQ is proud to have been an agent for change, with achievements including:

- South Bronx Environmental Health and Policy study published: This study analyzed exposure to waste management facilities and the regulatory and policy issues that affect environmental decision-making and confronted environmental racism in the neighborhood.

- 1.6 acre, $6.6M construction of Yolanda Garcia Park, which, in addition to providing new green space and playgrounds for Bronxites of all ages to enjoy, honors a true pillar of the community: Yolanda Garcia, a well-known and widely respected community activist. Yolanda Garcia's contributions as the founding member of Nos Quedamos continue to make a lasting impact on the Bronx and NYC Parks.
- Over 25 years of organizing and advocacy for the preservation of open space, environmental health, and social justice in Melrose and the South Bronx
- Two recently awarded Downtown Revitalization Initiative (DRI) grants to revitalize portions of the South Bronx by providing low-cost broadband access for the community of Melrose and increasing community resilience via the installation of photo-voltaic panels and stormwater runoff at 3 local community gardens
- Development of the South Bronx Land and Community Resource Trust (SBxL&CRT) to expand community engagement in the future development of their own neighborhoods, ensuring sustainable development, deep affordability, and community ownership
- Total investment value of over $500,000,000 in Melrose

As an organization founded and led by frontline community members, NQ has long recognized that a deep history of marginalization and disinvestment has left people of color, immigrants, and low-income populations disproportionately vulnerable to climate impacts, and that Green Development is vital to addressing these injustices. As we move forward into the next era of NQ's legacy, we are seizing the opportunities that climate change preparation provides to address the root causes of disproportionate exposure and vulnerability to climate impacts and enhance our community's capacity for self-determination.

d. EJCPS Model: This project deeply and meaningfully addresses Elements 2, 4, and 7 of the EJCPS Model. These elements are: Community Capacity-Building and Leadership Development, Multi Stakeholder Partnership and Leveraging of Resources, and Evaluation, Lessons Learned, and Replication of Best Practices, respectively . This project builds upon the extensive work NQ has conducted to address the EJCPA Model Element 1, Community Vision and Strategic Planning. Eleven years ago, Melrose Commons was decimated and without power or electricity as a result of Superstorm Sandy, a deadly hurricane which swept up and down the East Coast of the United States. NQ's neighborhood, Melrose Commons, was left without any outside or municipal services or support for the first 72 hours after the storm hit. Following this traumatic event, Melrose residents and NQ identified resilience and emergency preparedness as severely lacking in our neighborhoods through a series of needs assessments and community listening sessions. With deep community input, NQ identified Climate Resiliency Hubs as a part of an overall strategy to increase resilience in Melrose. A grant from the Downtown Revitalization Initiative (DRI), a New York State economic development funding stream, funded the design and construction of the three Hubs currently in development in Melrose Commons.

NQ is now prepared to move into the next phase of this work which center on Community Capacity-Building and Leadership Development (Element 2 of the EJCPS Model), to deeply and fully equip the Melrose residents to activate the Hubs as vital resilient infrastructure, and as key public spaces supporting community cohesion, ongoing environmental learning, and climate justice advocacy. Developing a thorough and culturally-appropriate training, participatory learning, and active engagement strategy for youth and

adults is the next task NQ must undertake to ensure Melrose has a knowledgeable, powerful, motivated, and effectual base with the skills and resources to withstand emergency events and build a resilient Melrose Commons into the future. The curricula developed through the proposed project will move residents from disengagement to participation to leadership around climate justice issues affecting their own neighborhoods.

This project will engage community-based partners, university partners, local elected officials, local emergency management government staff, advocacy groups, and resource hubs to develop effective curricula specifically designed to train our priority populations on a wide variety of topics. This is analogous to Element 4 of the EJCPS Model - Multi Stakeholder Partnership and Leveraging of Resources. Working together with multiple stakeholders that bring differing priorities and subject matter expertise, NQ will marry these lenses with community resident experiences to develop curricula that are impactful, engaging, and provide residents a comprehensive view of the issues..

With any intervention, it is critical to measure and evaluate outcomes to ensure effectiveness. NQ is embedding a measurement and evaluation protocol within the project design. The project is also structured in such a way that the measurement and evaluation will be led by an experienced evaluator but implemented partly by NQ staff, thereby building organizational capacity to collect evaluation data long after project completion. This measurement and evaluation portion of the project is reflective of Element 7 of the EJCPS model - Evaluation, Lessons Learned, and Replication of Best Practices.

e. Project Linkages: NQ's proposed project is directly in line with the EPA's Strategic Plan Goal 2, Objective 2.1 of promoting environmental justice and civil rights at the Federal, Tribal, State, and Local Levels. The project will equip Melrose Commons residents with the knowledge and tools necessary to build local capacity for emergency preparedness and climate resilience, and prepare them to lead effective advocacy efforts toward federal, state, and local policy and practice changes that achieve increased resilience in Melrose Commons and other environmental justice communities nationwide. By developing comprehensive and culturally appropriate curricula complete with performance measures that facilitate continuous improvement, NQ will have the tools to increase community understanding of the multi-faceted impacts of climate change on their lives and neighborhoods. This understanding is necessary to motivate and empower community members to advocate for local, state, and national policies that promote resilience, and establishes a critical on-ramp for Youth Leaders from marginalized communities to paths they otherwise may have considered out of reach: formal environmental education, internships, assistantships, etc. in climate justice and related fields.

f. Partner and Collaborate: Implementation of this project requires a multi-stakeholder and interdisciplinary team of content-knowledge experts, measurement and evaluation experts, and neighborhood residents deeply engaged and connected to Melrose Commons. NQ will work in partnership with the NYU Urban Futures Lab, NYC Emergency Management, the New York Environmental Justice Alliance (NYC-EJA), the Partnership for Resilient Communities (PRC, a program of the Institute for Sustainable Communities), and US Representative Ritchie Torres to develop, implement, and optimize two environmental justice resiliency curricula that educate, engage, and galvanize self-efficacy in South Bronx youth and adults. (Note that

partners restricted from receiving EPA funding through this award as a sub-grant have committed to contributing in-kind to the project.)

The New York City Environmental Justice Alliance (NYC-EJA): NYC-EJA is a non-profit organization with extensive political advocacy experience and an expansive network to share information and build momentum and support for community resilience initiatives. NYC-EJA is the project partner with the deepest political networks of support and experience in leading political advocacy campaigns, while also having extensive knowledge around environmental data and data analysis. They will be instrumental in providing technical assistance and contacts that strengthen the impact of this environmental literacy project. They will collaborate on the planning and implementation of the youth and adult curricula and will be a part of the curricula development team.

NQ has a long history as an active NYC-EJA steering committee member, and NQ's ED has recently been actively involved with REVitalize, a collaboration of community based organizations that addresses the opportunities and challenges associated with community energy planning and community-owned solar. NYC-EJA and NQ have facilitated dialogues with public officials and agencies to target and dismantle state regulatory barriers to community co-owned renewable energy projects, as well as articulate policy and programmatic recommendations to inform future government-community partnerships and support community-based energy planning. Additionally, NQ, along with 5 other community-based organizations in NYC-EJA's network, led and organized local CAMP-EJ air quality monitoring campaigns in Brooklyn and the South Bronx By prioritizing community participation, youth education, and leadership development NYC-EJA member organizations successfully collected thousands of hours of air quality measurements over the course of more than two years. A comprehensive report was recently released on the air quality monitoring campaigns, which will be used in the completed curricula.

NYC Emergency Management: NYC Emergency Management helps New Yorkers before, during, and after emergencies through preparedness, education, and response. It is the agency responsible for coordinating citywide emergency planning and response for all types and scales of emergencies. NQ has already made significant steps to formalizing a partnership with NYC Emergency Management, including participating as a featured speaker at the NYC Emergency Management Community Preparedness Symposium on March 7th, 2023. At the Symposium, NQ's Executive Director, Jessica Clemente, discussed the ongoing community-led development of the Resiliency Hubs initiative, the design and intention of the Hubs, and NQ's key partnerships that are critical to the activation and sustainability of the Hubs, and their potential for scalability in similar communities throughout NYC and the nation. This offices' support will be key as NQ implements the developed curricula. NYC Emergency Management will promote and generate public support for the importance of learning about emergency preparedness and serve as subject matter experts in emergency preparedness. NYC Emergency Preparedness has demonstrated their commitment to working with environmental justice communities addressing the challenges associated with climate change and NQ is confident they will continue to work with our organization into the future to increase the resilience of our South Bronx neighborhoods.

NYU Urban Future Lab (NYU UFL): NYU UFL is part of the NYU Tandon School of Engineering and serves as an innovation hub for clean energy, sustainable urban infrastructure,

and deep decarbonization in New York City. NYU UFL is on the forefront of connecting frontline communities to sustainable, resilient, climate-change solutions. In 2021, the UFL awarded NQ with the Urban Future Prize, a first time funding stream connecting community based EJ organizations with cleantech innovators. NQ's and NYU UFL's collaboration has continued past the scope of the Prize, and the UFL will serve on the curricula development team as climate-change solution subject matter experts. The UFL will guide the development of the curricula in a way that also prioritizes exposing Melrose residents to opportunities for continued education and/or professional experience in the green energy and resilience sectors.

The Partnership for Resilient Communities (PRC): The PRC is a program housed within the Institute for Sustainable Communities, dedicated to transforming urban climate resilience and increasing the number of leaders of color in the urban field of practice. The PRC advances its work by building the resilience of people and places through influence-building, policy, community education, community engagement, and installation of clean energy infrastructure. NQ has been a member of the PRC grantee cohort for the past three years and as a result of cohort membership, engages regularly with PRC and national partners who share knowledge and exchange ideas around resilience initiatives. PRC representatives will advise the curricula development team as community engagement and resiliency subject matter experts. They will contribute resources, knowledge, and best-practice learning methods around resilience for the priority youth and adult populations. Because of the PRC's focus on underserved communities, they have a unique insight into curricula that will resonate with NQ's base and meet the needs of the Melrose Commons community in a culturally appropriate way.

Representative Ritchie Torres: Mr. Torres is a U.S. Representative for NY's 15th Congressional District, which includes NQ's catchment area. Rep. Torres has supported NQ's work for several years and was elected based on a political platform that held up environmental justice and the Green New Deal as key focus areas. Mr. Torres recognizes that black and brown communities are on the frontlines of the environmental crisis, and they must be prioritized in the agenda to fight climate change. Mr. Torres' support will be key in the second and third years of the proposed project as NQ implements the developed curricula. He will promote and generate public support for the project. Mr. Torres has demonstrated his vested interest in climate justice work and NQ is confident he will continue to work with our organization into the future to ensure the presence of political-level support for NQ's initiatives.

2.0 PROJECT ACTIVITIES / MILESTONE SCHEDULE / DETAILED

a. Project Activities: Step One: Contract Curricula Design and Evaluation Consultants: NQ will contract with curricula design and evaluation consultants in the development of the youth and adult environmental justice, resiliency, and disaster preparedness curricula. These consultants will be the experts in curricula design and have extensive experience in working with environmental justice communities on building culturally-relevant and responsive curricula. NQ will release an RFP and solicit Scopes of Work from consultants in Quarter 4 of 2023, use a staff panel to interview and select two consultants for the curricula work and one consultant for the evaluation work. NQ will contract with these consultants by the end of Quarter 1 in 2024.

Step Two: Launch a Multi-Stakeholder Curricula Design Development Team (CDDT): When the consultants for the curricula development work and evaluation work have been

identified and contracted, NQ will gather the following entities for a kickoff meeting for the project: NQ Youth Leaders, NQ Adult Leaders, curricula design consultants, measurement and evaluation consultant, NYU Urban Futures Lab (NYU UFL) representatives, New York City Environmental Justice Alliance (NYC-EJA) representatives, and NQ staff and leadership. NQ staff will lead this meeting and set out the key objectives, milestones, timelines, communication strategies, and deliverables for the project. Modifications to any of the project timelines, within reason, will be discussed and agreed upon in the meeting. This meeting will occur by the end of Quarter 1 in 2024.

Step Three: Conduct a Survey and Assessment of Existing Resources to Guide Curricula Development and Conduct Focus Groups and Visioning Sessions to Determine Key Curricula Content Areas: Beginning in Quarter 2 of 2024, the curricula design consultants will work with the CDDT to conduct a thorough survey of existing environmental justice, community resilience, and emergency preparedness curricula and resources. The team will survey resources provided by the National Oceanic and Atmospheric Administration (NOAA), the EPA, and others to identify materials the team can build upon. As a part of this process, representatives from the Partnership for Resilient Communities (PRC) will support NQ in facilitating shared learning opportunities with 2 to 3 community-based organizations (CBOs) from across the United States with established youth and/or community climate resiliency training programs. These sessions will assist NQ to utilize best practices around curricula development and implementation. This project will also leverage Technical Assistance provided through our current contract with NOAA for environmental literacy programming (a scope of work that does not overlap with that proposed here for EPA funding) to identify relevant NOAA resources and materials that can guide the development of curricula. By the end of Quarter 3 of 2024, the curricula design consultants will present the results of their survey of existing resources to the CDDT during 1-2 CDDT working sessions.

In Quarters 2 and 3 of 2024, the evaluation consultant will lead the CDDT in assessing community interest and motivation relevant to the curricula design. This assessment will take into account the results of focus groups and interviews with NQ youth leaders and staff undertaken over the previous year. The evaluation consultant will then conduct a series of focus groups and visioning sessions with the wider community, conduct skills and knowledge assessment on key curricular content areas related to the intersection of climate resilience with housing, poverty, community health and other issues. By the end of Quarter 3 of 2024, the evaluation consultant will present key takeaway results along with an overview report to the CDDT during 1-2 CDDT working sessions. Results of this process will help define the objectives and target outcomes for each training curriculum. By the end of Quarter 3 of 2024 the Evaluation consultant will present an overview report with key takeaway results of the focus groups and visioning sessions to the CDDT during 1-2 CDDT working sessions. Results of this process will help define the objectives and target outcomes for each training curriculum.

Step Four: Conduct Planning and Content Development Sessions: Based on the activities to date, the Curricula Design consultants will develop initial curricula outlines and present them to the CDDT during 2-3 project team working sessions. Each working session will include in-depth discussions of key content areas, and preferred instructional strategies for each identified content area (with variances for different target audiences– youth leaders and wider community). After the working sessions, the Curricula Design consultant will revise

curricula, developing more detailed training programs for each identified area. By the end of 2025 Q1, the CDDT will produce draft Youth and Community curricula ready for wider input.

In Quarters 1 and 2 of 2025, the Evaluation Consultant will develop an evaluation plan that aligns with the curricula and includes the input provided as a part of participant formative assessments. The Evaluation Consultant will present the evaluation plan to the CDDT by the end of Quarter 2 of 2025 through 2-3 CDDT working sessions that include deep discussion of performance measures and target outcomes.

Step Five: Pilot Delivery and Evaluation: In Quarters 3 and 4 of 2025 NQ Staff will design and produce all training materials and deliver training youth curriculum to the current cohort of Youth Leaders. The Evaluation Consultant will support the NQ Team to implement the evaluation of the training curriculum with the Youth Leaders. In Quarters 1 and 2 of 2026 NQ Youth Leaders will plan and deliver three to six community trainings using the adult curriculum developed during the project period. Key project partners including NYC-EJA and Representative Ritchie Torres' office will support with outreach to ensure maximum engagement is achieved. The Evaluation Consultant will support the NQ Youth Leaders to evaluate the pilot trainings with the adult participants. The Evaluation Consultant will develop a report with analysis and findings from the evaluation plan, pilot testing of the curricula, and recommendations for the training moving forward. Based upon the results of the initial evaluation activities, the Curricula Design consultants will support the CDDT in modifying and finalizing the curricula during Q3 - Q4 of 2026.

b. Milestone Schedule

Task 1: Contract Curricula Design and Evaluation Consultants
Milestone 1.1: Release RFP, solicit Scopes of Work from, and contract with curricula design and evaluation consultants.

Timeline: Q4 2023 - Q1 2024

Task 2: Launch multi-stakeholder Curricula Design Development Team (CDDT)
Milestone 2.1: Hold a kick-off meeting for the project and include NQ project staff and youth leaders, Evaluation and Curricula Design consultants, and project partners. Review key objectives, milestones, and timelines for the project.

Timeline: Q4 2023 - 2024 Q1

Task 3: Conduct Survey and Assessment of Existing Resources to Guide Curricula Development; Conduct Focus Groups and Visioning Sessions to Determine Key Curricula Content Areas
Milestone 3.1: Curricula Design consultant to work with CDDT and conduct a thorough survey of relevant existing curricula and resources.
Milestone 3.2: Project partners from PRC to support NQ in facilitating shared learning opportunities with 2 to 3 community-based EJ organizations across the US with established youth and/or community climate resiliency training programs.
Milestone 3.3: NQ to leverage Technical Assistance available through NOAA and identify relevant NOAA resources and materials that can be integrated into curricula.

Milestone 3.4: Curricula Design consultant to present survey results (with an overview report) to the CDDT during 1-2 full project team working sessions.
Milestone 3.5: Evaluation Consultant to conduct a series of focus groups and visioning sessions with the wider community where skills and knowledge will be assessed and key curricular content areas related to local needs will be identified (i.e. intersection of climate resiliency with Housing, Poverty, Community Health, etc.)
Milestone 3.6: Building on evaluation activities (focus groups and interviews with NQ youth leaders and staff) undertaken during the project period and over the previous year, the Evaluation Consultant will work with the CDDT to assess community interest and motivation relevant to curricula design.
Milestone 3.7: Evaluation consultant will present key takeaway results (with an overview report) to the CDDT during 1-2 full project team working sessions.
Timeline: (3.1 -3.7) Q2 - Q3 2024

Task 4: Conduct Planning and Content Development Sessions
Milestone 4.1: Curricula Design consultant to develop initial curriculum outlines, and present them to the CDDT during 2 to 3 full project team working sessions.
Milestone 4.2: After the working sessions, Curricula Design consultants to revise curricula, and develop more detailed training programs for each identified area. By the end of 2025 Q1, the CDDT will produce draft Youth and Community curricula ready for wider input.
Timeline: (4.1 and 4.2) Q4 2024 - Q1 2025
Milestone 4.3: Evaluation consultant to develop an evaluation plan that aligns with the curricula (inclusive of participant formative assessments) to present to the CDDT through 2 to 3 full project team working sessions that include deep discussion of performance measures and target outcomes.
Timeline: Q1 - Q2 2025

Task 5: Contract Curricula Design and Evaluation Consultants
Milestone 5.1: Pilot Delivery and Evaluation
Timeline: Q3 - Q4 2025
Milestone 5.2: NQ Youth leaders plan and deliver 3 to 6 community trainings.
Timeline: Q1 - Q2 2026
Milestone 5.3: Evaluation Consultant to support the project team to implement the evaluation of the training curricula (Youth Leaders and Community). This will include a report with analysis and findings from the evaluation plan, results from the pilot testing of the curricula, and recommendations for the training curricula moving forward.
Milestone 5.4: Curricula Design consultant will support the project team to modify and update curricula.
Timeline: Q3 - Q4 2026

c. Itemized Budget Sheet / Budget Narrative: Included as an attachment

3.0 ENVIRONMENTAL RESULTS – OUTPUTS, OUTCOMES, AND PERFORMANCE MEASURES

a. Environmental Results (Logic Model): Included as an attachment

b. Performance Measurement Plan: As a key quality-control measure and efficacy measure of this project, NQ will contract an EJ-focused measurement and evaluation consultant. The evaluation of the project will follow the tenets of developmental evaluation characterized by a collaborative approach, with timely responsiveness and feedback in the dynamic context of the project as it emerges. It will be informed by social science research best practices and to ensure cultural responsiveness in all aspects of the design, interactions with all stakeholders will entail respect of their circumstances and expertise, close observations and careful listening, and facilitation of reciprocal exchange of knowledge. The evaluation for the project will be divided by two stakeholder groups, NQ youth and NQ adult community members. The outcomes for each of these groups are as follows:

NQ Youth. This group's **environmental literacy** will be assessed with a framework describing the **strands of science learning in informal settings** (National Research Council, 2009) reflecting their cognitive, affective, and behavioral change. These include

- **developing interest in science** (in this case, continued or future interest in environmental careers or in higher education);
- **gaining science knowledge** (e.g., learning scientific phenomenon related to climate priorities, such as heat islands, flooding, the working of solar hubs; and interpreting information from datasets)
- **engaging in scientific reasoning** (e.g., critical thinking about local climate priorities and theorizing about potential solutions);
- **reflecting on science as a way of knowing** (e.g., drawing on evidence to make decisions about creating resilient systems, through solar hubs);
- **engaging in scientific practice and activities** (e.g., data collection, analysis, synthesis, designing climate solutions); and
- **identifying with the scientific enterprise** (e.g., self-perceptions as a scientist).

Additionally, their **civic engagement** with community members will be assessed with tools used in service-learning contexts, such as, the Civic Action Scale (Moely, Mercer, Ilustre, Miron, & McFarland, as cited in Bringle et al., 2004) measuring future intention to be actively involved in their community and making a positive difference.

Community members

- **Understanding of scientific phenomenon** as related to local climate priorities (e.g., heat island effects) perceived self-efficacy as change agents to create just resilience solutions in Melrose Commons.
- Perceptions of **social capital growth** (Aldrich & Meyer, 2015) to tackle local climate priorities, and
- **Perceived benefits from engagement in community gardens** (e.g., social, physical and mental health-focused) based on Moyle and Weiler's (2017) research.

For all groups

- **Perceptions of local climate resilience priorities** based on indicators of resilience in Melrose Commons (e.g., social, ecological, economic, infrastructure) (Cutter, Barnes, Berry, Burton, Evans, Tate, & Webb, 2008); and
- **Connections between social and ecological aspects of local resilience** (Gupta, LaMarca, Nock, Ardalan, & Flinner, 2020);
- **Sense of empowerment** will be assessed through their perceptions of self-efficacy as community change agents (e.g., Sherer et al. 1982); optimism and hope for environmental stewardship (Ojala, 2012); and
- **Perceptions of personal resilience** to be effective future leaders in Melrose Commons (Gupta, LaMarca, Rank, Flinner, & Ardalan, 2021.

The evaluator will utilize several techniques including semi-structured interviews, focus groups (see below), formative assessments and educational assessments to measure the outcomes and objectives identified in the project Logic Model and above.

- **Semi-structured Interviews**. These will be conducted with 2-4 Youth Leaders and NQ Staff who lead and participated in the youth curricula. These interviews will help develop a better understanding of the outcomes achieved during different sessions of the youth training and where improvements in the curricula could be made.
- **Focus groups and Visioning Sessions.** Up to two visioning sessions will be held with the wider community to assess the community knowledge and skills on key curricular content areas related to the intersection of climate resiliency with housing, poverty, community health and other issues. Following the launch of Youth Leaders training curricula, the Evaluation Consultant will lead a focus group with participants to better understand the strengths, weaknesses, and outcomes reached through the youth curricula. A similar focus group will be conducted following the delivering of the pilot tested community curricula.
- **Formative and educational assessments.** During the training with Youth Leaders, NQ staff will deliver formative assessments at the end of each training module. Formative assessment techniques will include chain notes, directed paraphrasing, and minute papers. The evaluator will help NQ staff analyze formative assessments to gauge participant learning, identify points of weakness, and refine the learning approaches. During the community sessions, the evaluator will assist NQ staff with preparing summative assessments that take place during training, tours and discussions.

The evaluation will be conducted after approval from an institutional review board that provides external review oversight of human subjects research.

c. Sustainability Plan and Community Vision: As an organization founded and led by frontline community members, NQ has long recognized that a deep history of marginalization and disinvestment has left people of color, immigrants, and low-income populations disproportionately vulnerable to climate impacts. Through this lens, NQ sees environmental literacy not just as a priority, but as a vital necessity. NQ must cultivate an educated, organized neighborhood base, dispel feelings of disempowerment, and overcome dependency on

government systems and assistance in order to achieve long-term climate resilience. Youth Leaders engaged during the project period will gain the background knowledge required to understand the impact of climate injustice and the need for increased community climate resilience, as well as the skills to make the case for increased resources to political leaders, elected officials, and city and state agencies. Residents from the wider community will become well-versed in climate resiliency issues and invigorated to solve the problems that lie ahead. As a result of the proposed project, a more engaged and knowledgeable Melrose Commons will emerge, increasing community capacity to thrive through climate-related emergencies, and to champion on-going climate resilience efforts throughout the South Bronx and beyond.

4.0 PROGRAMMATIC CAPABILITY

a. Organizational Experience: NQ possesses the experience, capacities, and core existing programs to fully implement and maximize the impact of the proposed project. First and foremost is our deep connection to the Melrose community. NQ leadership and staff are uniquely positioned to reach and engage the community because we are a part of that community and we understand unspoken rules, cultural traditions, and social guidelines that are generally incomprehensible to outsiders. All staff are from the Bronx and have personal experience of the social and economic issues that challenge our community's ability to survive and thrive, and so we can connect with community members genuinely and cultivate the trust necessary for effective programming. Our current staff of seven includes six women and one man. All are bilingual (ENglish/Spanish) and identify as Latinx and Hispanic, which is representative of the Melrose and South Bronx community. In addition, with a full roster of year-round community programming, NQ has many touchpoints with residents, offering ample opportunities to engage them in the proposed project. In addition to direct services reaching 100's of residents/year, we present community events reaching 100's more at Yolanda Garcia Park and the network of local community gardens and open spaces that feature cultural music, theater, film, and celebrations. These events are held monthly through the winter months and increase in frequency as the weather gets warmer. In the summer, we provide cultural community programming at least twice a month. Events are planned around days of cultural significance for the traditionally Hispanic community, as well as new cultures that now call Melrose home. In addition to enhancing our capacity for community engagement, these activities raise NQ's profile as a "Trusted Messenger" and allow us to identify and address all types of community challenges.

Of particular relevance for the proposed project is NQ's Youth Leadership and Organizing program. Designed to cultivate the next generation of Melrose Leaders and ensure that we will continue to build upon Melrose's legacy of community-led change and empowerment, this program enrolls approx. 10 Youth Leaders per year. As key drivers of NQ's community outreach efforts, they engage intergenerational residents of NQ's affordable housing developments by going door-to-door, phone banking, tabling, and making announcements at neighborhood events. As part of their increasing responsibility within NQ's larger climate justice initiatives, they routinely lead community discussions with residents to gather ideas and input about the issues facing the neighborhood, and they provide neighbors information and guidance on how to address those issues through the lens of environmental

justice, grassroots organization, and community self-determination. As such, NQ Youth Leaders are positioned to receive training; engage Melrose residents in community trainings; expand interest, enthusiasm, and participation in the Hubs and associated programming; and inspire residents to participate in and lead campaigns/initiatives as part of the community's long-term progress to become increasingly more resilient.

NQ is also building community leadership that extends beyond the Youth Organizing and Leadership Development Program. Currently, we are actively cultivating community leaders and assembling resources to provide stipend support for the creation of a Resiliency Hub Stewardship Committee. The Stewardship Committee will foster democratic participation in and community-driven leadership of both our implementation of the Hubs and our broader climate resilience movement in Melrose. It will be governed through consensus building, participatory budgeting, and other models of cooperative ownership. Expanding our focus out from Melrose, NQ holds seats on the Climate Justice 4 All steering committee and is an active member of the New York City Environmental Justice Alliance (NYCEJA). NQ also works closely with a number of organizational partners aligned with our proposed EJCPS project goals and vision, including the the National Association for Latino/a Community Asset Builders (NALCAB), NYC Department of Housing and Preservation Development, the NYC Community Land Trust Initiative, Bronx Cooperative Development Initiative, the Bronx-Wide Platform Committee, NYC Parks and Recreation Department, and GreenThumb. We recently mobilized with great success as part of the Southern Boulevard Coalition, which coordinated the efforts of local CBOs with a long-standing history of community organizing and planning work in the area to ensure that the Southern Boulevard Rezoning process prioritizes equitable development and advances the community's climate resilience priorities.

An extension of NQ's history of effective collaboration with government, politicians, corporations, and community stakeholders to achieve our policy goals and funding priorities, all of the above partnerships, programs, and coalitions provide NQ with venues for engaging NQ Youth Leaders and Melrose residents–who will receive our climate resilience curricula–in immediate and meaningful advocacy campaigns to bolster the sense of empowerment and self determination in our community.

b. Staff Experience / Qualifications of Project Manager (PM): The PM for this project will be NQ Executive Director Jessica Clemente. Jessica will oversee the project team and all project activities. She will oversee the development of curricula; monitor progress against milestones; review financial expenditures, and coordinate and submit all reporting/documentation required by the EPA. She will also coordinate with key partners, local coalitions and stakeholders, state and local elected officials to engage in the activities outlined in the proposal. Jessica majored in Environmental Science at SUNY Purchase. After graduating, she served as Project Manager for the NYU School of Medicine's "South Bronx Environmental Health and Policy Study." The study, sponsored by the Environmental Protection Agency and Congressman Jose E. Serrano in partnership with four local community organizations—the Point CDC, Nos Quedamos, the Sports Foundation, and Youth Ministries for Peace and Justice—allowed her to work closely with researchers and community partners on the relationships between air quality and public health. This work led Jessica to pursue a Master of Urban Planning at the New York University Robert F. Wagner Graduate School of Public Service. In 2011 Jessica was asked to become the

CEO of NQ, and under her leadership, the organization has grown, increasing staff and program/service diversity. Jessica is also an active member of key environmental and climate justice coalitions, including NYC-EJA and Climate Works 4 All.

Community Organizer Carmen De Jesus will provide significant input and guidance on the development of the curricula and she will work with NQ leadership to implement the youth and community trainings. Carmen started working with NQ through New York City's Summer Youth Employment program after her junior year at Lehman College. She calls the Bronx home and had previously interned at NQ's close partner organization, The Point. As an intern, she started working at the reception desk before plugging into NQ's core EJ work, which transformed her understanding of what community empowerment and social change meant. Growing up, she heard the common narrative that, to really succeed, young people needed to find a way out of their low-income neighborhoods. The common attitude was that young people like her did not have the power to bring change to their communities, but she saw, through working with NQ, that youth could become empowered leaders bringing housing, resources, and economic stability into their communities. After obtaining her Bachelors in Arts with a minor in Human Rights from Lehman College, Carmen joined NQ as a full-time staff member in 2020 and has led the planning and implementation of the youth organizing program, empowering local youth and providing them with opportunities to develop leadership skills, using an environmental justice framework as a tool for empowerment and mobilization.

Other key staff that will support implementation of this project include our Resiliency Organizer, Communications Director, and Environment Justice Coordinator. Our Resiliency Organizer, Imani Cenac, will support the development of both curricula, and provide support to the Youth Leaders during their community-wide workshops. Imani Cenac first engaged with NQ as a member of our original youth cohort and rose quickly through the organization. Currently, she coordinates NQ's work with the community gardens and helps lead the youth organizing program. NQ's Communication Director, Edwin Pagán, will coordinate outreach activities with the community, develop communication resources, and inform the community about the community workshops. Edwin will also coordinate communication with Congressman Torres' office. Edwin has been with NQ since 2018 and has over 30 years of experience in the non-profit sector in leadership and management roles. He has technical expertise as a producer, cinematographer, camera-operator, writer, and editor; and, he brings a wealth of skills that helps NQ elevate their communication in the community. Finally, NQ will engage a Environmental Justice Coordinator in the project, and they will be responsible for facilitating communication with the curriculum multi-stakeholder Curricula Design Development Team (CDDT) and handle administrative functions for the project.

c. Expenditure of Awarded Grant Funds, and plan for compliance: NQ has an effective and efficient system for managing awarded grant funding. NQ's Chief Financial Officer, Norma Segura, is responsible for ensuring that NQ's financial controls, systems, and procedures follow best practices and are in-line with the EPA Compliance Standards. NQ will submit the Administrative Capability Questionnaire prior to the awarding of grant funds.

5.0 PAST PERFORMANCE: For the following list of contracts, NQ met all reporting requirements to date, with timely reporting on progress towards achieving the expected outputs and

outcomes of those agreements. We have submitted acceptable final technical reports under all completed contracts.

- National Oceanic and Atmospheric Administration *(in progress)*, $213,978
- New York State Downtown Revitalization Initiative *(in progress)*, $630,000
- New York State Council on the Arts *(in progress)*, $148,500
- New York City Department of Housing and Preservation (FY22, FY23), $98,500
- New York CIty Office of Temporary and DIsability Assistance (FY22, FY23), $60,000

6.0 QUALITY ASSURANCE PROJECT PLAN (QAPP) INFORMATION

This project will involve the use of existing environmental data and will require a QAPP.

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-YMPJ_EJCPS_EPA Itemized Budget.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. EPA EJ Collaborative Problem Solving Grant		$ 500,000.00	$	$	$	$ 500,000.00
2.						
3.						
4.						
5. Totals		$ 500,000.00	$	$	$	$ 500,000.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1)	(2)	(3)	(4)	Total (5)
	EPA EJ Collaborative Problem Solving Grant				
a. Personnel	$ 90,000.00	$	$	$	$ 90,000.00
b. Fringe Benefits	24,300.00				24,300.00
c. Travel	0.00				0.00
d. Equipment	0.00				0.00
e. Supplies	500.00				500.00
f. Contractual	318,770.00				318,770.00
g. Construction	0.00				0.00
h. Other	55,000.00				55,000.00
i. Total Direct Charges (sum of 6a-6h)	488,570.00				$ 488,570.00
j. Indirect Charges	11,430.00				$ 11,430.00
k. TOTALS (sum of 6i and 6j)	$ 500,000.00	$	$	$	$ 500,000.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. EPA EJ Collaborative Problem Solving Grant	$ 0.00	$ 0.00	$ 0.00	$ 0.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$ 0.00	$ 0.00	$ 0.00	$ 0.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 175,000.00	$ 43,750.00	$ 43,750.00	$ 43,750.00	$ 43,750.00
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 175,000.00	$ 43,750.00	$ 43,750.00	$ 43,750.00	$ 43,750.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. EPA EJ Collaborative Problem Solving Grant	$ 175,000.00	$ 175,000.00	$ 150,000.00	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 175,000.00	$ 175,000.00	$ 150,000.00	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: $488,570

22. Indirect Charges: $11,430.00

23. Remarks:

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Project Narrative File(s)

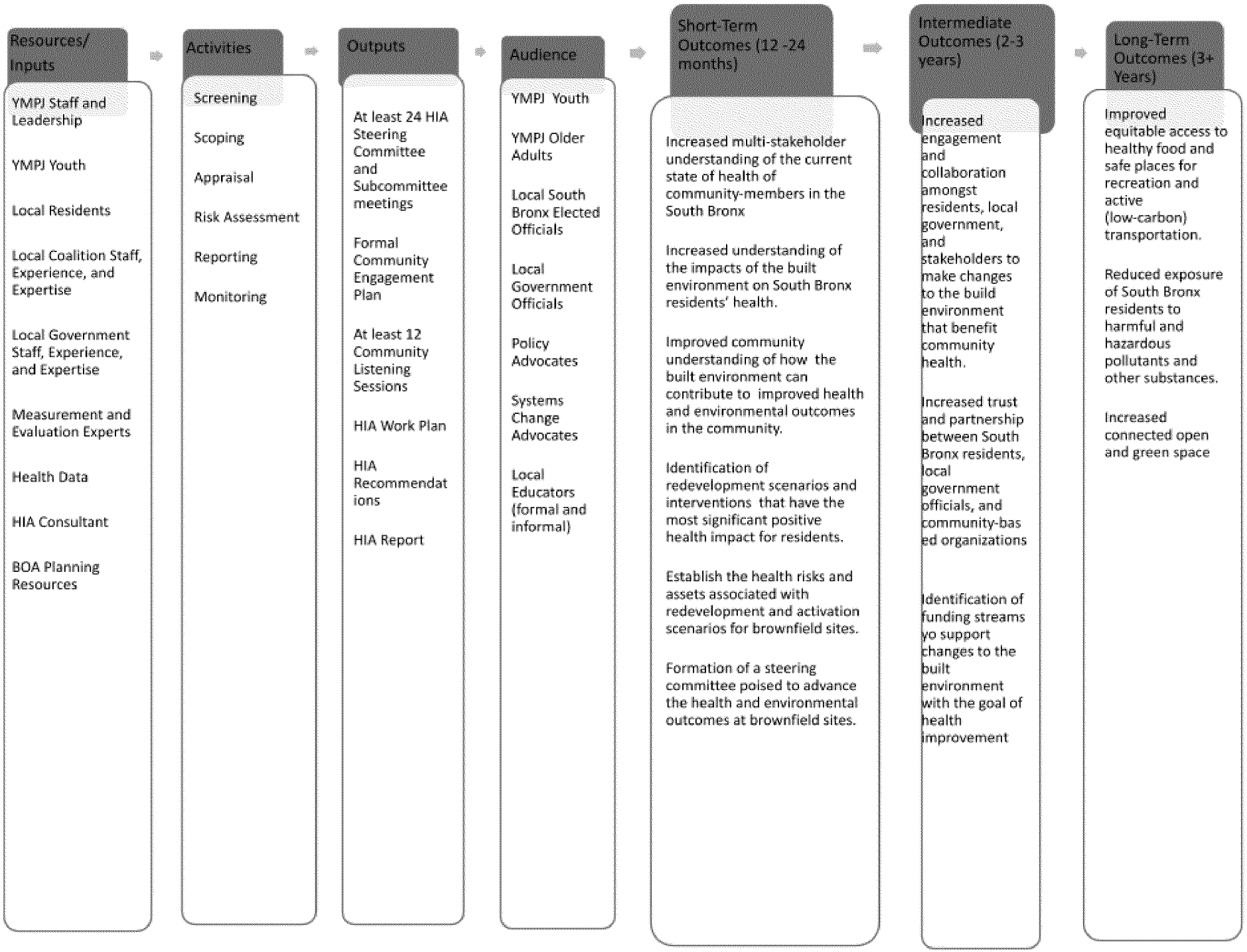
*** Mandatory Project Narrative File Filename:** 1234-YMPJ EPA EJCPS Project Narrative.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

Youth Ministries for Peace and Justice (YMPJ) EPA EJCPS Logic Model
EPA-R-OEJECR-OCS-23-01 - PKG00279168



Total Budget= $500,000

Personnel ($90,000)

1. **Project Director, Siddhartha Sanchez, @ 10% of Full Time ($37,500=$12,500/year x 3 years):** The Project Director will oversee the Steering Committee, HIA Consultant, and the Evaluation Consultant. He will provide overall direction for the project and engage with key stakeholders and the EPA.
2. **Outreach Specialist, Part-Time ($52,500=$17,500/year x 3 years):** The outreach specialist will coordinate the engagement of residents for 2 community listening sessions (screening process for HIA) and community engagement and input throughout the HIA (appraisal and reporting process for HIA).

Fringe Benefits (27% of $90,000=$24,300)

Fringe Benefits is 27% of $90,000, which is $24,300. It will cover health insurance, payroll taxes, social security, worker's comp and social security.

Supplies ($500)

This includes the cost of printing and production of materials for community listening sessions and community engagement and input events throughout the HIA.

Contractual ($318,770)

1. **Health Impact Assessment (HIA) Consultant ($200,000):** This includes the entire budget for the 3 years for a HIA consultant, which will include a team of individuals from a company who will deliver the screening, scoping, appraisal, and reporting processes of the HIA.
2. **Evaluation Consultant ($45,000):** This consultant will be responsible for the evaluation and monitoring plan and performance measurements for the funded project. See section 3.0 of the project narrative, outputs, outcomes & performance measures; the consultant is responsible for these deliverables.
3. **Translation Services ($1,200):** This includes the translation of outreach materials and having specific translators at community vision sessions and outreach events.
4. **Grant Administration Contractor ($72,570):** This will include the on-going communication with EPA and YMPJ on grant deliverables, financial reporting, progress reports, navigating changes in scopes of work, etc. This will also include support for the development of RFPs for HIA Consultant and the Evaluation Consultant.

Other ($55,000)

1. **Subgrants to Steering Committee Members ($15,000 total per year x 3 years = $45,000):** Subgrants will be given to Steering Committee Member organizations for their active participation in Steering Committee meetings, community outreach and engagement efforts, review of HIA data, contributions the the development of recommendations, and review of the final HIA report.

2. **Community Member Stipends ($10,000):** This will support stipends for community members to participate in Community Visioning sessions and other community engagement activities and input throughout the HIA process.

Indirect ($11,430)

This includes 10% of the total personnel ($90,000) and fringe benefits ($24,300) expenses, $114,300.

Manifest for Grant Application # GRANT13861290

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 21018 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16035 bytes)

2. Form SF424A-V1.0.pdf (size 22979 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40284 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15928 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23968 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 36932 bytes)

Attachments Included in Zip File (total 6):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-David Shuffler Resume.pdf application/pdf (size 73936 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-Siddhartha Sanchez Resume YMPJ.pdf application/pdf (size 71051 bytes)

3. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-YMPJ EPA EJCPS Project Narrative.pdf application/pdf (size 217139 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-YMPJ_EJCPS_EPA Itemized Budget.pdf application/pdf (size 46860 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-YMPJ_EJCPS_EPA LogicModel.pdf application/pdf (size 222943 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-YMPJ_EJCPS_EPA_Non-Profit Status.pdf application/pdf (size 1207567 bytes)

1.0 PROGRAM OBJECTIVES

a. Project Summary

Project Title: Bronx River Waterfront Redevelopment Health Impact Assessment

Project Location: Bronx, NY, 10472 (Target area includes east and west sides of the Bronx River in the South Bronx neighborhoods of Hunts Point/Longwood and Soundview/Parkchester)

Applicant Information: Youth Ministries for Peace and Justice (YMPJ); 1384 Stratford Avenue, Bronx, NY, 10472-1604; David Shuffler, Executive Director

Brief Description of Applicant Organization: YMPJ transforms blighted South Bronx neighborhoods and changes the systems that negatively impact them. As a key grassroots CBO serving the Bronx River and Soundview neighborhoods, YMPJ prepares residents to lead community-driven development campaigns and initiatives for environmental justice, economic opportunity, and fundamental change within systems of oppression.

Are you applying for the Small CBO Set Aside Track for $150,000 projects? No

Project Abstract: YMPJ will lead a formal community-driven Health Impact Assessment to investigate the health impacts/benefits of redevelopment scenarios for brownfield sites located along the Bronx River waterfront in our underserved and environmentally overburdened South Bronx catchment area. In partnership with the New York Dept. of State, YMPJ is currently leading a diverse community coalition to develop a Brownfield Opportunity Area (BOA) Plan for this target area through a participatory process to analyze and inventory zoning, land-use, and ownership patterns; brownfield, abandoned, and vacant sites; parks and open spaces; key buildings and historically significant areas; transportation and infrastructure systems; and natural and environmental features in the area. Using that inventory, we will identify a short list of catalytic priority sites and potential redevelopment options for each based on community and stakeholder input. Focused on a community and population that faces harsh social determinants of health and dramatic health disparities in the form of high rates of asthma, cancers, cardiovascular disease, obesity, diabetes, and other ailments, our proposed HIA will consider improvements in air quality, healthy food access and local food production/sovereignty, availability of high quality open space for outdoor recreation and safe streets for active transportation, and a range of issues related to climate resilience and disaster preparedness, including strengthening stormwater management, expanding green infrastructure, and addressing built-environment- and housing-related risks extreme heat.

Project Type(s): Our HIA will focus on the following issues: air quality & asthma, water quality, healthy food access, reduced vehicle travel and fuel emission, stormwater issues and green infrastructure, emergency preparedness, and disaster resiliency.

Special Considerations: This project qualifies for the Health Impact Assessment (HIA) special consideration (and includes an emphasis on Climate Change/Disaster Resiliency).

Environmental Issue: Environmental justice, air/water quality, climate change, disaster/ emergency preparedness, and access to open space, active transportation, and healthy food.

List of Project Partners: Core project partners will include Bronx River Alliance, Loving the Bronx, Bronx Health REACH, Montefiore Health System, NYC Department of Health and Mental Hygiene (NYC DOHMH), Placemaking Solutions, and Fordham University. Our project will also engage impacted South Bronx residents and dozens of other local organizational stakeholders.

Will you need to develop a QAPP for your project? Yes

ED_016126_00001376-00001

b. Environmental and Public Health information of the Underserved Community. YMPJ proposes a Health Impact Assessment (HIA) to investigate the health impacts/benefits of redevelopment and activation scenarios for brownfield sites located along the Bronx River waterfront in our underserved and environmentally overburdened South Bronx catchment area. This target area includes the west shore of the Bronx River extending from Starlight Park southward to Westchester Avenue; as well as the east shore of the Bronx river extending from Westchester Avenue southward to Lafayette Avenue and Soundview Park. In partnership with the New York Dept. of State, YMPJ is currently leading a diverse community coalition to develop a Brownfield Opportunity Area (BOA) Plan for this target area through a community-driven process to analyze and inventory zoning, land-use, and ownership patterns; brownfield, abandoned, and vacant sites; parks and open spaces; key building and historically significant areas; transportation and infrastructure systems; and natural and environmental features in the area. Using that inventory, we will identify a short list of catalytic priority sites and potential redevelopment options for each based on community and stakeholder input. Our proposed HIA will build upon and leverage significant New York State investment and ongoing collaborative work by providing impacted residents and stakeholders a tool and process to comprehensively assess potential redevelopment plans at priority sites to ensure that they yield the greatest returns in the form of improved health, environmental, and other outcomes and reduced disparities/inequities and other burdents.

For the purposes of providing environmental and health information on our underserved community, the target area is part **Bronx County** and includes p**ortions of New York U.S. Congressional Districts 14 and 15**. The area most closely aligns with two NYC Community Districts: Bronx District 2, including Hunts Point and Longwood neighborhoods, and **Bronx District 9**, including the Parkchester and Soundview neighborhoods.

A community of "sensitive populations." Bronx County is in the 100th percentile for overall social vulnerability according to the Centers for Disease Control and Prevention Agency for Toxic Substances and Disease Registry Social Vulnerability Index (CDC/ATSDR SVI). A majority of residents within our target area are members of one or more sensitive population(s). According to the NYC Department of Health (NYC Health), minorities make up 96.5% of the combined population of Bronx Districts 2 and 9. Of that total, more than 90% are either Latino (63.9%) or Black (23.9%). High percentages of residents live in poverty (32% in District 2 and 29% in District 9). The community also faces high unemployment rates (12% in District 2 and 9% in District 9) and well over half of all households are rent burdened (58% of households in District 2 and 55% in District 9 spend more than 30% of their income on housing). According to the Congressional District Health Dashboard Data, New York U.S. Congressional Districts 14 and 15 are dramatically higher than the national average for all these characteristics: Unemployment is 26% higher in Congressional District 14 and 96% higher in Congressional District 15 than the national average; rent burden is 15% and 29% higher respectively; and the percentage of children living in poverty is 34% and 132% higher (24.7% in District 14 and 38% in District 15 compared to the national average of 16.4%). According to 2020 US Census Data 5 year estimates, 25% of the population comprises children and 23% of residents are aged 60+.

Toxic Triangle and food swamp. Our proposed target area is home to the "Toxic Triangle" formed by the Bruckner, Cross Bronx, and Sheridan Expressways, and the Bronx River Parkway. These roadways and the development patterns they catalyzed—with a lack of green

space and high concentrations of heavily polluting factories and other industrial concerns that have brought intense truck traffic to neighborhood streets—expose residents to environmental hazards that impact all aspects of their lives. Air pollutant levels in this catchment are some of the highest in the nation, with the community's exposure to diesel particulate matter in the 95th-100th percentile (NATA, 2014). The EJSCREEN environmental justice indexes put Bronx County in the 87th percentile or higher nationwide for all of the following: PM2.5, Ozone, Diesel Particulate Matter, Air Toxics Cancer Risk, Air Toxics Respiratory Hazard, and Traffic Proximity. Also according to EJSCREEN, our target area has recorded underground storage tanks and hazardous waste proximity in the 95% to 100% percentile nationwide, and it is presumed that proper assessment of area sites will identify soil, soil vapor, and/or groundwater impacts.

Our target area is also a "food swamp," where unhealthy food options greatly outnumber healthy ones. While we have high concentrations of fast food restaurants, which make calorically dense, nutrient poor food options quick and convenient to obtain, we suffer a scarcity of supermarkets, farmers' markets, and other places to purchase healthy food. According to NYC Health, there are 20 bodegas (small storefronts with limited, generally unhealthy food options) for every supermarket in Bronx District 2 (Hunts Point/Longwood) and 13 bodegas for every supermarket in Bronx District 9 (Parkchester/Soundview). Reflective of this reality, the NYC Health 2019-2021 Community Health Assessment found the Bronx to be the lowest among the 5 boroughs in percentage of adults ages 18 and older who report eating one or more servings of fruits and/or vegetables in the last day; and highest among the 5 boroughs in the percentage of adults ages 18 and older who report drinking one or more 12 ounce sugar-sweetened beverage on average per day (with Parkchester/Soundview reporting the highest neighborhood rate, 4 points over the next highest neighborhood).

Members of our South Bronx community also engage in less physical activity on average. The Congressional District Health Dashboard indicates that the percentage of adults who reported engaging in no physical activity in the last 30 days was 24% higher than the national average in District 14 (35.1% versus 26.8%) and 47% higher than the national average in District 15 (39.4% versus 26.8%). This is consistent with NYC Health's 2019-2021 Community Health Assessment, which found the Bronx to be the lowest among the 5 boroughs in percentage of adults ages 18 and older who reported participating in any physical activity in the last 30 days. While 81% of Manhattan residents reported physical activity in the last 30 days and two of that borough's neighborhoods hit 90%, just 70% of Bronx residents reported physical activity in that time period with Hunts Point/Longwood tied for the city's lowest rate of 65%. The lack of safe, accessible, and attractive opportunities for outdoor recreation no doubt contributes to our community's low rates of physical activity. Despite the past successes of YMPJ and our allies, such as improvements to the Bronx River waterfront and the development of the Bronx River Foodway (described below), open space comprises just 4.5% of the total land within the communities we serve, according to the NYC Department of Planning. That is significantly below the Bronx average of 31.8%. Making matters worse, the majority of that limited open space in our community is inaccessible, unpleasant, and outright dangerous.

Health disparities. Not surprisingly, our community's unhealthy built environment has left South Bronx residents to face grave health disparities (compounded by negative social determinants of health or SDOHs). With an asthma rate 8-12 times higher than the national average, south Bronx residents suffer the eighth-highest asthma hospitalization rate for children

ages 5 to 14 in the country. According to NYC Health, the Bronx hospitalization rate is 70% higher than the rest of NYC and 700 percent higher than the rest of New York State, excluding New York City. We also have some of the highest cancer risks correlated with air pollution in the nation (90-95th percentile) and suffer from some of the highest respiratory hazards in the nation, ranking in the 95th-100th percentile nationally in NATA.

The South Bronx's severe air pollution and high asthma rates exacerbate (and are exacerbated by) chronic health conditions which are also driven by insufficient access to healthy foods and safe outdoor recreational opportunities. For example, asthma is correlated with both obesity and cardiovascular disease morbidity, with recent studies showing people with asthma are 2x as likely to be diagnosed with heart disease or heart failure. Reflective of these statistics, the most current NYC Health data shows that our target area's two Community Districts have adult obesity rates of 42% (District 2) and 32% (District 9), compared to the citywide average of 24%; adult hypertension rates of 38% and 34% respectively compared to the citywide average of 28%; and diabetes rates of 20% and 16% compared to the citywide average of 11%. These rates put residents of our South Bronx neighborhoods far above national averages for the prevalence of these ailments. According to the CDC/ATSDR SVI, Bronx County residents have 24% higher cardiovascular disease mortality rates, 24% higher obesity rates, and 52% higher diabetes rates than the U.S. population as a whole. Congressional District Health Dashboard data for NY Congressional Districts 14 and 15 reflect those figures. Compared to national averages, Districts 14 and 15 respectively have 24% and 44% higher rates of cardiovascular disease death and 17% and 40% higher rates of diabetes.

Unfortunately, environmental and health impacts/disparities translate into disproportionately high mortality and premature death rates for residents of our South Bronx target neighborhoods. Premature deaths (deaths before 65) are 56.4% higher in District 2 and 29.5% higher in District 9 than the citywide average (50.0% and 23.% higher respectively for premature deaths from heart disease, 13.8% and 16.9% higher for premature deaths from cancer, and 72.6% and 64.5% higher for premature deaths from diabetes). Infant mortality rates in both Districts are also higher than the NYC-wide average, and preterm birth rates are 11.8% in District 2 and 10.5% in District 9 compared to the citywide average of 9.2% and the Bronx borough average of 10.4%.

Climate vulnerability. All of the above characteristics of our underserved community make us disproportionately vulnerable to the impacts of climate change. Our high poverty rates, aging housing, and other harsh SDOH, combined with our disproportionate rates of all the health ailments described above, make it difficult for South Bronx residents to respond to and recover from shocks and stressors. Our built environment only adds to this vulnerability. With scant open space (less than 5% as mentioned above) and industrial facilities and parking lots comprising strong majorities of our proposed target area, our community is essentially a water-impervious heat island. Combined with the Bronx River's armored shoreline and lack of a vegetative buffer, that landscape makes the community highly susceptible to flooding, which is made all the more dangerous by the presence in our land and water of legacy contaminants from our heavy history of contamination/pollution.

Our recent past has demonstrated how quickly and severely our community can be impacted by a crisis or emergency. During the pandemic, our area was recognized by the Mayor's Task Force on Racial Inclusion and Equity (TRIE) as one of the hardest hit by the equity

burdens and other impacts of COVID-19. "Super storms" of recent years have made important roadways impassable and otherwise impacted infrastructure in ways that have stranded and isolated residents, keeping them from their jobs and other needed services. In addition to increasing risk of dangerous power outages, extreme heat events leave community members–many who live in aging, inefficient homes with poor indoor air quality and no air conditioning–at severe risk for heat exposure that can lead to grave outcomes when combined with our high rates of comorbidities. Because these are rapidly ascending threats to the people we serve, climate change and emergency preparedness will be featured elements of our HIA.

Proposed environmental/public health results and community benefits. Building from our recent equitable redevelopment initiatives in the South Bronx–which have spurred improvements in transportation infrastructure, enhanced green space, and expanded healthy food access–YMPJ and partners will engage community residents and stakeholders in a Health Impact Assessment (HIA) to evaluate the impact/benefits of redevelopment scenarios within our target area. More specifically, we will assess the extent to which specific community-identified design interventions at identified sites will improve air quality, increase healthy food access and physical activity, and reduce rates of asthma, cancer, cardiovascular and respiratory illness, as well as chronic conditions like diabetes and obesity, while ultimately improving mortality rates. The HIA will also consider impacts/benefits related to climate change, including whether assessed interventions will better protect and prepare the community and residents for potential emergencies/disasters related to extreme weather (i.e., heavy precipitation and flooding, severe winds, extreme heat).

c. Historical Connection to Underserved Community. Since 1994, YMPJ has worked to address injustices caused by a long history of heavy industrialization and environmental exploitation throughout the South Bronx. We primarily operate in the frontline Environmental Justice communities of Bronx River and Soundview, which sit centrally within the target area for our proposed project. As a key grassroots organization serving our area, YMPJ brings people together, builds collective power, and prepares South Bronx residents to lead community-driven campaigns that address the environmental hazards and socio-economic inequities seriously challenging our residents and families.

YMPJ's work and record of success in the South Bronx is made possible by the trust we have cultivated with vulnerable, hard-to-reach residents through decades of: 1) commitment to community leadership development and participatory action, and 2) the provision of critical direct services that provide residents the support needed to overcome barriers to their health/ well-being and participate fully in civic life. That trust is significantly deepened by the fact that YMPJ recruits its staff and leadership directly from the communities we serve, with the belief that our programs and services will produce the best results if they are shaped and spearheaded by the people who are most impacted by the challenges/inequities we address. Reflecting that principle and commitment, YMPJ's staff and Board is predominantly South Bronx natives who are members of underserved and environmentally overburdened populations that will benefit through our EJCPS project. Our team of 7 full-time staff includes two Black men, two Hispanic men, one Black woman, one Latina woman, and one Southeast Asian woman. Members of our team have also been DACA recipients and dealt with immigration system challenges. Our organizational culture and structure, which is deeply intertwined with our membership structure, fosters this community leadership pipeline. As members become more

involved, they can take on greater responsibility in our campaigns and initiatives, becoming paid Community Organizers and ultimately serving on our Leadership Committee.

Over the last 28 years, YMPJ has leveraged our position as "trusted messenger" to elevate local residents' voices–and center their vision for their own neighborhoods–in a variety of community decisions and projects through open meetings, resident-led committees, and other bottom-up strategies. In the Organizational Experience section below, we summarize our recent successes in guiding multiple equitable redevelopment projects in our catchment from initial concept to operational reality. Through intentional programming like community visioning sessions and collaborative decision-making strategies, all of those projects–including the Bronx River Foodway, Morrison Plaza, and Soundview Economic Hub (all described below)–were strongly shaped by the expressed aspirations of residents and their desire to address environmental and public health issues and meet social, cultural, and economic needs.

Our longstanding air quality work is an important example of our collective-impact, community-driven approach to environmental justice and community health. In response to community prioritization of deep action on local air pollution, we worked with South Bronx neighbors to develop a resident-led enhanced air monitoring program. For more than a decade (and with EPA support), we have equipped South Bronx community members to collect data and mobilize their neighbors to join the effort. To date, we have trained 110 South Bronx residents to perform daily air quality testing with stationary air monitors and weekly testing with portable air monitors. In 2009, YMPJ also partnered with researchers at New York University and three other South Bronx community groups to lead a citizen-science-based asthma study. NYU's mobile laboratory collected samples at eight sites in the South Bronx to measure ground-level pollution concentrations and middle school students conducted personal monitoring via a "backpack study." As this project demonstrated, the community YMPJ serves is not just our constituency, but our primary collaborator in organizational activities. Importantly, participants could see firsthand the powerful impact of their efforts. The results of the resident-led air monitoring supported the assertion that the Bronx's highways, industrial facilities, and truck traffic expose residents to more air pollutants than other New Yorkers–a message we used to great effect in our successful campaign to secure and shape the $1.8 billion NYS investment in the redevelopment of the Sheridan Expressway and local transportation infrastrcuture (see the Organizational Experience section for more details).

To maintain these deep ties to the community over time, YMPJ interacts with residents tens of thousands of times each year through the following activities:

YMPJ community events and programming. YMPJ hosts monthly open Community Meetings, Saturday Soup Kitchen meals, community conversations at Bronx River Foodway, workshops on window-sill gardening and nutritious cooking lessons, foraging tours at the Foodway, Zumba and other group exercise classes, recreation opportunities like canoeing tours and walking events, and biking events at Open Streets locations which include bike-riding lessons, group bike rides, bicycle repair, and more. We have also held high profile street fairs, including Back to School and Community Wellness events, partnering with local providers such as Montefiore Health Systems (a key partner in our proposed HIA) to provide health check-ups and hypertension screenings, and distributing fresh produce baskets to attendees. Used as an educational and community-building tool, these highly popular offerings enable us to engage

over 5,000 children, families, and community members each year, and provide vital connection points we can use to deliver key information and engage residents in our larger initiatives.

Workshops and direct services. We also provide workshops and direct services designed to support the majority Black and Hispanic immigrant populations that make up nearly one-third of our community. Know Your Rights (KYR) workshops have been an integral part of YMPJ's outreach to South Bronx immigrants for over a decade. Held at various partner institutions to meet undocumented residents in spaces where they feel safe–including St. Joan of Arc Church, Sotomayor Community Center, and Emerald Isle Immigration Center–our KYR workshops provide accessible, up-to-date information on immigration laws and regulations. We've reached approx. 500 individuals annually at these events. We also interact with EJ-impacted residents through one-on-one immigration legal services and benefit application assistance. In the last 3 years, YMPJ has provided over 550 individuals with these vital direct services, and approx. 700 more through free tax preparation services that have resulted in over $1,000,000 in refunds to the Soundview/Bronx River community annually. Our reach will soon increase significantly, as YMPJ was selected by the NYC Administration for Children's Services (ACS) as the backbone organization for the soon-to-be launched Parkchester/Soundview Family Enrichment Center (FEC)--one of nine FECs to be located in neighborhoods hit particularly hard by the equity burdens and other impacts of COVID-19. Programming and services provided at the FEC will support family functioning and increase access to advice and resources addressing life challenges around parenting, financial issues, relationships, food and nutrition, and stress management. Serving over 2,000 residents per year, the FEC will strengthen our standing as a key community gathering place, and create increased opportunities to engage residents.

Outreach. Mobilizing our team of Youth Leaders, Outreach Specialists, and active base of community leaders, YMPJ regularly does poster advertising, door-to-door canvassing, and flyer distribution on critical neighborhood corridors. These "on-the-ground" approaches are vital in communities facing a stark digital divide. Leveraging longstanding partnerships, YMPJ also provides monthly announcements at places of worship and distributes printed materials via tabling at local schools, houses of worship, public housing, and other CBOs. For our COVID-19 awareness campaign during the pandemic (see more in Collaborations), this enabled us to touch approximately 10,000 residents/year. YMPJ also effectively uses mass communications tools–from our monthly newsletter to a full complement of social media channels–to reach residents and stakeholders with important information. These capacities have enabled us to connect with approximately 20,000 individuals/year. When combined, our "all of the above" community engagement education strategies equip YMPJ and our partners with the capacity to reach our South Bronx priority population with important information and messaging. Reflecting our effectiveness in connecting with very hard-to-reach populations, YMPJ conducted a highly effective 2020 Census outreach initiative, which reached 1,974,001 community residents through the strategies described above.

Community-Driven Participation. Underserved residents of the South Bronx were deeply involved in developing the project proposed in this application through their participation over time in community meetings, listening sessions, and other forums we held to gather input/feedback on precursor projects that led to and laid the foundation for our HIA, including the brownfield/community-design planning initiatives and specific equitable redevelopment projects described in the Organizational Experience section. Both directly

through public gatherings we will hold as part of our EJCPS project and indirectly through representation by community organizations via their participation in our Steering Committee and other stakeholder roles, South Bronx residents will have the opportunity to weigh in on key project decisions, including the sites and scenarios to include in our HIA and the specific health impacts we will assess in the process.

d. EJCPS Model. This project incorporates the following **EJCPS Model Elements:**

Issue Identification, Community Vision, & Strategic Goal Setting: All of YMPJ's major programs and initiatives including this proposed HIA include intensive community visioning work, where residents and stakeholders explore challenges in the community, identify areas they want to see strengthened, and develop collaborative solutions. Over 20 years of deep community work have included monthly organizing meetings, door-to-door canvassing, events, word-of-mouth, and tabling at local schools, houses of worship, public housing, and other CBOs. YMPJ's public programming creates another entry point for residents to become involved in our larger initiatives and campaigns. In addition, we have direct contact with community members on a regular basis through our roster of direct services, including free tax preparation services, Saturday Soup Kitchen meals, immigration and entitlement services, employment services, youth enrichment programs, etc. At its core, YMPJ is a community-led, immigrant driven organization, and our deep roots in the community allow us a unique view of the self-identified challenges most affecting residents, and insight into the most impactful strategies and solutions.

Community Capacity-Building and Leadership Development: The project will equip local community leaders and residents with health and built-environment related data and analysis to most effectively address issues of brownfield sites, pollution, air quality, climate vulnerability, emergency preparedness, and lack of green space and connectivity which continue to adversely affect public health, while also building residents' civic awareness and engagement in environmental justice advocacy and stewardship.

Consensus Building and Dispute Resolution: The steering committee for this project is the core decision-making body for the HIA, and will be comprised of individuals from participating partner organizations, as well as local stakeholders that represent key constituencies of people that live, work, and/or study in the affected zip codes and Community Districts. All members who join will be expected to sign onto a statement of principles. By joining the steering committee, members commit to: 1) help to set overall strategy, 2) grow the impact of the HIA and ensure broad participation and engagement, 3) take a leadership role in designing and facilitating community meetings, 4) participate in meetings with other relevant stakeholders, including elected officials, 5) act as the rapid response team when urgent decisions need to be made, and 6) strive to make all decisions through consensus.

Multi-Stakeholder Partnerships and Leveraging of Resources: As a backbone organization in the South Bronx, YMPJ has a long history of leading multi-stakeholder collaborations that effectively leverage resources from multiple sectors to maximize outcomes. The partnerships represented by this project leverage both resources of expertise (including the Department of Health's contribution of data collection, analysis, and reporting), as well as resources (including the new River House headquarters of the Bronx River Alliance).

Constructive Engagement by Relevant Stakeholders: This project will involve ongoing engagement of key partners, including The Bronx River Alliance, Loving the Bronx, the Department of Health, Montefiore, Bronx Health REACH, and Fordham University. The Bronx

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River Alliance and Loving the Bronx will be key project partners in engaging the public. Fordham will be a key partner for engagement and network building at the organizational level.

e. Project Linkages. YMPJ's proposed HIA is directly and closely aligned with the EPA's Strategic Plan Goal 2, Objective 2.1 of promoting environmental justice and civil rights at the Federal, Tribal, State, and Local Levels by "empower(ing) and build(ing) capacity of underserved and overburdened communities to protect human health and the environment." As described throughout this narrative, YMPJ and our South Bronx allies–who are members of and represent directly impacted communities–are "increasingly well organized and equipped to develop (our) own visions of wellbeing and resilience, advocate for change, and influence public policy." Our proposed HIA is a next step in a progression of resident-driven environmental justice and climate resilience achievements that have included influencing major infrastructure and transportation system redevelopment in the South Bronx; reclaiming and activating underutilized spaces in our neighborhoods to expand resident access to healthy foods and quality outdoor recreation opportunities and drive other community benefits; and putting the operational and programmatic control of these community redevelopment/infrastructure projects in the hands of local residents and CBOs. In many cases, we have earned, secured, and appreciated the support of key federal, state, and local officials in these projects, thus demonstrating our capacity to influence key policy decision makers and impact systems. The immediate precursor to and foundation for our proposed HIA is our New York State BOA Planning project, which has involved residents and CBOs organizing and positioning ourselves to inventory community assets and challenges; establish community concerns, solutions, priorities, and aspirations; and ultimately set forth visions and plans for the future of our neighborhoods–all through official government mechanisms that are connected to public resources and authorities that will play a role in realizing those visions/plans. To again borrow language in the FY 2022-2026 EPA Strategic Plan describing Objective 2.1, our proposed project will "actively engage and support impacted communities to influence program implementation and maximize the benefits from the investment of resources to achieve meaningful change on the ground." In addition, it will contribute to E.O. 14008's Justice40 goals/mandates and promote climate resilience in a frontline EJ community. In fact, YMPJ was a member of the first Justice40 Accelerator cohort, established to support frontline EJ communities to access Jutsice40 funding.

f. Partner and Collaborate. Through a wealth of experience across issue areas and initiatives, including the equitable redevelopment campaigns described in the Organizational Experience section, YMPJ has honed methods and techniques to determine collective goals with our partners and implement coordinated action plans. In the next section, we describe the key partners for our proposed HIA. Importantly, YMPJ will reach beyond that core project team and leverage our broad network of South Bronx, citywide, state, and federal partnerships to: 1) ensure that the full array of relevant voices and perspectives are represented in developing our HIA, and 2) fill any gaps in coalition capacity that we identify as we implement project activities.

Along with our own credibility as a highly respected, known, and trusted community messenger, YMPJ regularly collaborates with a range of deeply embedded South Bronx institutions that will expand our ability to engage impacted residents in community conversations/meetings and other project activities. Among many others, those organizations include Catholic Charities, St. Joan of Arc Church, Children's Aid Society, Banana Kelly, NYCHA's

Bronx River Community Center, and NYCHA's Soundview Houses. Several of these groups have worked closely with YMPJ through our role as Neighborhood Coordinator in our catchment for the Mayor's Taskforce on Racial Equity and Inclusion (TRIE). During the height of the pandemic, our TRIE team of CBOs, public housing developments, and other stakeholders disseminated COVID-19 vaccination information in the South Bronx; coordinated and deployed community resources; and provided real-time feedback to the City to ensure a strong response and recovery. More recently, the City has funded YMPJ to lead our local TRIE coalition in engaging South Bronx neighborhoods in NYC's first-ever citywide participatory budgeting (PB) process.

Perhaps most closely aligned to the subject matter of our HIA, YMPJ's NYS Brownfield Opportunity Area (BOA) Coalition is currently developing strategies and actions steps to ensure meaningful public participation in the development of a Brownfield Opportunity Area Plan for our South Bronx target area. The 19 Coalition members include representatives of **Government agencies:** NY Department of State, NYC Departments of Housing Preservation and Development, Planning, and Transportation, the NYC Housing Authority, the Bronx Borough Office, Mayor's Office of Environmental Remediation, Bronx Community Board 3 and 9, and the Office of Congressman Jose Serrano; **Nonprofits:** Loving the Bronx, NYC Economic Development Corporation, Phipps Houses, The Point CDC, and Pratt Center for Community Development; and **Local businesses:** York Studios, Signature Urban Properties, Sustainable Development Inc., and Jenna Concrete Corporation. Because these stakeholders have an important role to play in ensuring that our HIA reflects the collective wisdom and expertise in the community–and will have a strong hand in implementing the recommendations developed through our HIA–YMPJ will keep them regularly updated on the progress of our EJCPS work and opportunities to participate. In addition to the BOA Coalition, YMPJ will also engage Bronx Health REACH, a coalition working to eliminate racial disparities in diabetes and heart disease in the southwest Bronx. In addition to providing a forum for YMPJ to partner with health providers and community health leaders, we have worked with Bronx Health REACH partners on Complete Streets and micro-mobility efforts which may prove highly relevant in our HIA.

EJCPS Steering Committee Members. The following partners will join YMPJ as members of our project development team and serve as the core of our project Steering Committee. YMPJ has long collaborative relationships with all of these partners, and are engaged with each across a variety of on-going initiatives. (Note that partners restricted from receiving EPA funding through this award as a sub-grant have committed to contributing in-kind to the project.):

Bronx River Alliance (BxRA): BxRA serves as a coordinated voice for the river, and works in harmonious partnership to protect, improve and restore the Bronx River corridor and greenway so that they can be healthy ecological, recreational, educational and economic resources for the communities through which the river flows. As a founding partner, YMPJ is an integral ally to the Alliance. BxRA will serve on the Steering Committee and contribute expertise on environmental factors affecting South Bronx residents.

Fordham University Center for Community Engaged Learning (CCEL): CCEL facilitates collaboration between local CBOs through experiential learning, research, and civic engagement. Surey Miranda-Alarcon, CCEL's Director of Campus and Community Engagement, formerly served as Bronx Borough Director and previously worked at the Mayor's Office of Immigrant Affairs, and the NYC Commission on Human Rights. CCEL will serve on the Steering Committee and contribute expertise on community engagement and network building.

Placemaking Solutions Group: By facilitating community dialogue and the development of project design and management strategies, Place Solutions Group helps communities "build dynamic places where local enterprises of all kinds can thrive and communities can celebrate their diversity and uniqueness." Also a member of our BOA Coalition, they will serve on the Steering Committee and contribute expertise on equitable built environment design.

NYC Dept of Health and Mental Hygiene (NYC DOHMH): The NYC DOHMH has a long history of collaboration with YMPJ. Most recently, in June 2020, YMPJ collaborated with NYC DOHMH on the 2024 Take Care New York: 2019-2021 Community Health Assessment and Community Health Improvement Plan. NYC DOHMH will work to support the implementation of the proposed Health Impact Assessment (HIA) by providing access to available data, resources, and support, as well as serving as trusted advisors on the Steering Committee.

Montefiore: The Montefiore Health System, which includes 10 member hospitals and more than 200 outpatient ambulatory care sites, has partnered with YMPJ on community health programming, providing health check-ups, nutrition education, and hypertension screening at their public events and partnering with the as part of the NYC DOHMH's #Not62 Coalition, dedicated to improving Bronx County's last place health ranking. As part of this application, the Montefiore will offer YMPJ access to available data, resources, and support, as well as serving as trusted advisors as YMPJ undertakes the HIA in this area.

2.0 PROJECT ACTIVITIES / MILESTONE SCHEDULE / DETAILED

a. Project Activities: Step One: RFP Development and Contractor Onboarding. With support and feedback from core project partners, YMPJ will create and disseminate a Request for Proposals for an HIA Consultant and Evaluation Consultant for the project. The HIA Consultant will conduct the majority of research and data analysis; participate in components of the Measurement and Evaluation (M&E) plan; and manage the drafting and production of our HIA Report. The Evaluation Consultant will lead the evaluation and monitoring plan and performance measures throughout the project period (see more about their deliverables in section 3.0). In the first quarter of the project period (Q4 2023), YMPJ will release the RFP, interview potential candidates, and enter into a contract with the chosen Consultants.

Step Two: Form the Steering Committee and Engage in the Screening Process. In Q1 of 2024, YMPJ will convene our internal HIA team, core project partners, and the HIA Consultant for an initial planning or kickoff meeting(s). To ground this team in a common understanding of the HIA process, the meeting(s) will focus on questions such as: Why is an HIA warranted and what are the goals/purposes? What are the steps involved and corresponding objectives, milestones, and timelines? What are the universe of targeted health issues and intervention scenarios that should be considered? How will the HIA be used? How will it complement and leverage ongoing community-driven brownfield planning by the NYS BOA coalition and accelerate progress in activating underutilized spaces in the South Bronx?

At the initial meeting(s), the core project team will also develop a comprehensive list of stakeholders whose engagement and participation will ensure the effectiveness and community representativeness of the HIA (and our ultimate success in implementing its recommendations). From that list, we will identify a subset of key stakeholders–including directly impacted community members–to recruit for our Steering Committee. YMPJ will reach out to those potential Steering Committee members to provide detailed information, discuss the value they

will bring to the project, and ask them to participate. Before the end of Q1 of 2024, members of the Steering Committee will be named and an initial convening will be held to confirm key objectives, roles and responsibilities, milestones, and timelines for the project. In addition, YMPJ staff will work with Steering Committee members to set up a regular ongoing meeting schedule.

Once the Steering Committee is convened, (Q1/Q2 of 2024), we will begin the HIA screening process which will include at least two community listening sessions with residents in the project target area and the stakeholders identified in our initial project planning meetings (see above). In advance of these sessions, YMPJ and the HIA Consultant will collaborate–with input from the Steering Committee–to develop materials, presentations, and other tools to guide participants in sharing their perceptions of health impacts in their community, their view of the affected population groups, and their priorities and aspirations for potential specific redevelopment interventions at key community sites. The work completed to date by the NYS BOA planning coalition will provide a foundation for developing those materials and leading that discussion. Following the listening sessions, the Consultant will guide the Steering Committee in defining the health impacts, population groups, and interventions on which the HIA will focus.

Step Three: Scoping and Project Planning: In Q3 and Q4 2024, the HIA Consultant will lead YMPJ and the Steering commitment in developing two plans: 1) a detailed Work Plan for completing all steps and components of the assessment that will also define the specific research questions to guide the assessment, the analytic methods that will be used, and any other study policies or protocols that will be followed; and 2) a Community and Stakeholder Participation Plan that will guide engagement with impacted residents and stakeholders through the remainder of the HIA process. This planning will be shaped by activities in Step Two (i.e., the health impacts, affected populations, and interventions established for the HIA).

The HIA Consultant will collaborate with the YMPJ team and Steering Committee to develop materials and tools that will enable the community to both visualize how the potential equitable redevelopment interventions will impact health challenges in the area and share their views on potential solutions or scenarios. Leveraging ongoing stakeholder CBO meetings and other regularly occurring gatherings in the community, the project team will also begin to convene and schedule opportunities to use those materials and tools to engage residents in conversations about community health concerns and potential benefits associated with redevelopment of waterfront properties in the specified area. Continuing through the remainder of the project period–in accordance with the Community and Stakeholder Participation Plan–these conversations will be consistently structured and implemented to provide valid, useful data or input for the HIA recommendations and report.

Step Four: Appraisal: From Quarter 4 of 2024 to Quarter 2 of 2025, the Consultant will implement the Appraisal process with frequent check-ins with and feedback from YMPJ and the Steering Committee. This will involve conducting a literature review of the impacts of brownfield redevelopment on resident health; surveying and analyzing existing health impact and SDOH data for the target area; developing a comprehensive overview that includes community profiles and the local policy landscape; and laying out the data that can be used to assess interventions and the gaps/limitations in that data. As mentioned in Step Three, the project team will continue to lead interviews, focus groups, workshops, and other engagement/conversations with key constituencies during this period. By the end of Q2 of 2025, the HIA Consultant will synthesize and collate all of the input from this process, including data

collected and analyzed and the resident/stakeholder feedback gathered from the community engagement work–for the Steering Committee.

Step Five: Recommendations: In Q2 of 2025, the HIA Consultant will synthesize inputs developed during Step Four to facilitate discussions/deliberations by the Steering Committee on actionable recommendations for designing or enhancing prospective redevelopment plans in the target area to maximize positive health impacts and minimize negative ones. In other words, the recommendations will translate the assessment findings into feasible community-driven brownfield redevelopment options or plans. To enhance their likelihood of receiving continued attention and consideration–and ultimately being adopted and implemented–the Steering Committee will shape the recommendations to build on (and feed into) the NYS BOA planning process and related initiatives that will continue after the HIA is completed.

Step Six: Reporting: During Q3 2025 - Q1 2026, the HIA Consultant will draft a Health Impact Assessment Report that includes the data, analysis, and results that arose from each of the Screening, Scoping, Appraisal, and Recommendations steps. The Steering Committee will provide the Consultant guidance in drafting the report and provide detailed feedback on initial drafts. We will also make a near-finalized draft public and available for comment and community feedback for a defined period. During Q2 - Q4 2026, YMPJ and the Steering Committee will finalize and formally adopt the report. As soon as the report is complete, all Steering Committee members will share the report widely with their networks, at community meetings and other public events, and with local elected officials to ensure the report reaches a wide audience of engaged citizens. Among other forums, YMPJ and Steering Committee members will present the report to the NYS BOA Planning Coalition in a dedicated meeting. This will serve as an important first opportunity to feed the HIA and its recommendations into continuing discussions about brownfield redevelopment projects in the South Bronx.

b. Milestone Schedule.

Task 1: RFP Development and Contractor Onboarding/*Step One*
Milestone 1.1: Develop and share an RFP for HIA Consultant and Evaluation Consultant
Milestone 1.2: Select an HIA Consultant and Evaluation Consultant and establish a contract.
Timeline: 2023 Q4

Task 2: Form the Steering Committee and Engage in the Screening Process/*Step Two*
Milestone 2.1: YMPJ staff will hold a kick-off meeting for the project, including YMPJ project staff, HIA Consultant, and project partners. At the meeting, objectives, milestones, timelines, and an overview of the HIA processes will be discussed. **Timeline:** 2024 Q1
Milestone 2.2: YMPJ will establish a representative steering committee that will consist of YMPJ project staff, the HIA Consultant, community partners, and community members. Roles and responsibilities of the steering committee will be defined. **Timeline:** 2024 Q1
Milestone 2.3: YMPJ will conduct a minimum of 2 community listening sessions with residents in the target areas to better understand their perceptions of health impacts in their community and affected population groups, and prioritize specific redevelopment interventions (based on NYS BOA planning to date by our community coalition for that work). **Timeline:** 2024 Q1-Q2
Milestone 2.4: The HIA Consultant will lead the steering committee through a series of meetings to assess feedback from community listening sessions, define health impacts and

affected population groups, and select 1-3 specific interventions prioritized for assessment. This will help to focus resources on the most significant health impacts. **Timeline:** 2024 Q1-Q2

Task 3: Scoping and Project Planning/*Step Three*
Milestone 3.1: The Steering Committee and the HIA Consultant will identify specific goals for the HIA. This includes specific redevelopment interventions that will be subject to HIA, the related impacts to be assessed, and the best approaches to assessment (ie. risk analysis, cost-benefit analysis, etc.) **Timeline:** 2024 Q3
Milestone 3.2: The HIA Consultant in collaboration with the steering committee will develop a detailed work plan for the HIA. **Timeline:** 2024 Q3-Q4
Milestone 3.2: The Steering Committee will also develop a customized Community and Stakeholder Participation Plan specific to the HIA to ensure consistent community participation throughout the process. **Timeline:** 2024 Q3-Q4

Task 4: Appraisal/*Step Four*
Milestone 4.1: The HIA Consultant will survey and analyze existing health impact and SDOH data and share results with the Steering Committee. This will develop understanding of community profiles, policy landscape, literature reviews, and data gaps. **Timeline:** 2024 Q4-2025 Q2
Milestone 4.2: With support and engagement from the Steering Committee, The HIA Consultant will lead interviews, focus groups, and other workshops with key constituencies needed to collect community input. **Timeline:** 2024 Q4-2025 Q2
Milestone 4.3: The HIA Consultant will synthesize and collate information from interviews/focus groups/workshops (Milestone 4.1) through the lens of completed data collection/analysis (Milestone 4.2), and work with the Steering Committee to characterize expected health effects of identified redevelopment interventions, quantitatively where feasible. **Timeline:** 2024 Q4-2025 Q2

Task 5: Recommendations/*Step Five*
Milestone 5.1 The Steering Committee with support from the HIA Consultant will develop actionable recommendations for enhancing the redevelopment plans for identified interventions to maximize positive health impacts and minimize negative ones. **Timeline:** 2025 Q2

Task 6: Reporting/*Step Six*
Milestone 6.1: The HIA Consultant will develop a report outlining the findings and recommendations from the HIA. The Steering Committee will give guidance to the development of the report. **Timeline:** 2025 Q3-2026 Q1
Milestone 6.2: YMPJ and Steering Committee members finalize the report and share it widely with their networks including at YMPJs (see section f above): programming at the Bronx River Foodway, community meetings, public programming at Morrison Plaza, and other YMPJ programming and stakeholder groups. **Timeline:** 2026 Q2-Q3
Milestone 6.3: YMPJ and Steering Committee will present the report to the NYS BOA Planning Coalition in a dedicated meeting. **Timeline:** 2026 Q4

c. Itemized Budget Sheet and Budget Narrative. Please see attachments.

3.0 ENVIRONMENTAL RESULTS – OUTPUTS, OUTCOMES & PERFORMANCE MEASURES

a. Environmental Results (Logic Model). Please see attachment.

b. Performance Measurement Plan. As a key quality-control measure and efficacy measure of this project, YMPJ will consult with an EJ-focused measurement and evaluation consultant. The evaluation of the project will follow the tenets of health impact evaluation based on reliable, applicable, and relevant structural, process, and outcome key performance indicators. At the start of the project, YMPJ will work collaboratively with an evaluation consultant on the development of a detailed monitoring and evaluation plan for the development of the HIA and other key milestones established under YMPJ proposal. Since the primary focus of this funding is the development of the HIA (screening, scoping, development of recommendations, reporting), the performance management plan will primarily focus on a process evaluation and reporting approach, but will include some performance measures for the short and intermediate outcomes outlined in the logic model. Once HIA recommendations are made, outcome and impact evaluations will be conducted (outside of this funding period). The process evaluation will be guided by measuring the outputs.

Process evaluation performance measures will be guided by measuring the outputs in the logic model, which are the Community Engagement Plan, Community Listening Sessions, HIA Work Plan, HIA Recommendations, and the HIA Report. The evaluator will report these results gathering documentation and review of one, but not limited to the following: Steering Committee agendas, meeting minutes from Steering Committee, #s and representation of individuals (organization/agency name, constituency, etc.) who attend and/or contribute to the outputs, plans, recommendations, and reports. The evaluator will work with YMPJ to integrate tracking of these performance measures into existing monitoring, evaluation, and reporting plans and requirements.

In addition to performing process evaluation, the Evaluator will conduct an **outcome evaluation for the short-term outcomes and some of the intermediate outcomes in the logic model**. This process will involve document reviews (plans, minutes from Community Listening Sessions, Steering Community meetings, external data sources), surveying key stakeholder groups (Steering Committee, community members, etc.), and conducting either focus groups or key informant interviews with key audiences. These key audiences include community residents near the BOA sites, Steering Committee members, YMPJ staff, and HIA consultants. Ultimately, these outcome evaluation measures will help YMPJ and partners better understand what led to the successful development of the HIA, what challenges/barriers existed and continue to exist, and how the community can best contribute to the redevelopment scenarios that improve the health and environmental outcomes for residents near brownfield sites.

At the conclusion of the funding period, the Evaluator will prepare a report which outlines the following elements of the HIA and the project:

- An evaluation of the HIA process as compared with the HIA plan and applicable standards and consideration of whether the process used was appropriate given the decision-making context, needs, objectives, and resources available.

- A description of the HIA's impact on decision-making and an evaluation of available evidence that suggests whether and how the HIA played a role in decisions or contributed to changes in decision-makers' knowledge, attitudes, or positions.
- A discussion of whether the HIA achieved its initial objectives.
- Acknowledgement of plans for future outcome evaluation or discussion of limitations that prevent such an evaluation.

c. Sustainability Plan and Community Vision. YMPJ is a leading member of the South Bronx community, with a deep local network, including our diverse community of residents, local organizations and institutions, elected officials, and government agencies, as well as businesses and funders committed to our mission. Our deep network allows us a birds-eye view of the challenges faced by our community, and the unique ability to curate the most effective partnerships to address those challenges with efficiency and impact. All of YMPJ's major programs and initiatives include intensive community visioning work, where residents and stakeholders explore challenges in the community, identify areas they want to see strengthened, and develop collaborative solutions. As described explicitly in this work plan, the program directly involves community members in essential capacities, inspiring commitment to achieving project goals. The public education component of the program will provide information to thousands of community members on how the environmental justice issues addressed by this project affect them, and illustrate their vested interest in sustaining the project's momentum into the future.

4.0 PROGRAMMATIC CAPABILITY

a. Organizational Experience. Throughout our history, YMPJ has built grassroots community power to address the impacts of inequitable development, heavy industrialization and environmental exploitation targeting our majority-BIPOC "underserved" and "environmentally overburdened" South Bronx neighborhoods. This has consistently involved leading diverse local coalitions and engaging residents in participatory processes to assess community health, environmental justice, economic, and other challenges and design/implement corresponding community-driven solutions. That work has been centered on focus areas that will be considered in our proposed HIA, including **improving air quality and addressing asthma** and **reclaiming, redesigning, and activating community spaces** to increase food access, reduce vehicle travel and fuel emissions, expand green infrastructure/open space, and advance climate/disaster resilience and emergency preparedness.

Improving air quality and addressing asthma (and related health impacts). For well over a decade, YMPJ has led community-driven campaigns to improve air quality and address astronomical rates in the community of asthma and related ailments. As described in the above Historical Connection to Underserved Community section, we have coordinated community-led air quality monitoring and related studies with support from the EPA, the NYS Dept. of Environmental Conservation, and others. The evidence gathered through this work supported our assertion that the Bronx's highways, industrial facilities, and truck traffic disproportionately expose South Bronx residents to toxic pollutants, was instrumental to our recent success in influencing NYS Governor Andrew Cuomo to allocate $1.8 billion to the redevelopment of local

transportation infrastructure which caused dangerous traffic on residential streets, disconnecting residents from green space, disrupting pedestrian and bicycle transportation, and isolating many residents from community assets. In the grassroots campaign that led to that big win, YMPJ galvanized the community and local stakeholders, leveraged regional business interests, facilitated community visioning sessions and monthly stakeholder meetings, and engaged local policymakers and key government agencies to create a Community Plan that reclaimed 28 acres of waterfront land for commercial development, housing, and open space.

Reclaiming, activating, and redesigning community spaces for Environmental Justice. In the late 1990s, YMPJ launched a public awareness campaign and enlisted help from environmental groups and local agencies to reclaim the dangerously contaminated Bronx River and its blighted waterfront. This work led to removal of dozens of cars and thousands of abandoned tires from the River and contributed to the waterway's gradual restoration. Building on this success, YMPJ has since led the development of several large green community sites along the River, as well as a longstanding US EPA/Brownfields Opportunity Areas partnership; the Loral Brownfield and Starlight Park Remediation campaigns; and the Stormwater Mitigation campaign.

In 2015, YMPJ worked with the South Bronx Overall Economic Development Corp. to develop a US EPA-funded area-wide plan and redevelopment strategy for brownfield sites along the Bronx River/Sheridan Expressway corridor. Building off the US DOT's 2013 Sheridan-Hunts Point Land Use and Transportation Study, the plan proposed enhanced community uses along the waterfront and improved streetscapes and pedestrian routes to safely connect residents to neighborhood parks, the waterfront, and the Bronx River Greenway. In the years since, YMPJ has continued to implement improvements envisioned in the area-wide plan. In 2016, a YMPJ-led local coalition launched the Bronx River Foodway at Concrete Plant Park: a policy-shifting project that established the first ever public foraging site and food forest in a NYC Park and strengthened the growing network of green spaces in the South Bronx that have attracted significant recent government investments. That same year, YMPJ led a Community Needs Assessment and enlisted local residents, CBOs, politicians, corporate partners, and others to ignite the equitable redevelopment of Morrison Plaza–a large-scale, $9 million project which opened last November. As the Plaza official manager, YMPJ has worked closely with NYC Department of Transportation to activate the Plaza as a community asset for the neighborhood. For example, we are responsible for community programming and the operations of the weekly Southeast Bronx Farmers Market at the site. Additionally, In recognition of our role in the Sheridan Expressway Redevelopment, NYS DOT awarded YMPJ programming rights to the 30,000 sq ft highway underpass located at the Bruckner Expressway and Bronx River Ave. We are now transforming the underpass into the Soundview Economic Hub (SEH): A community-driven space that will connect local communities; stimulate the local economy by providing opportunities for food manufacturers, vendors, and service providers; and serve as a vibrant community space for hosting an array of intergenerational programs focused on food, culture, physical activity, job training, and more.

The three specific equitable community redevelopment projects described above–the Bronx River Foodway, Morrison Plaza, and SEH–comprise key spokes of YMPJ's South Bronx Food Sovereignty Network (SBxFSN), a multi-pronged initiative to transform the South Bronx from "food swamp" into a vibrant foodscape that supports increased community health, wealth, and

resilience through a coordinated network of critical food system sites. Combined with ongoing area-wide brownfield redevelopment planning efforts with the US EPA and our NY Dept. of State BOA Coalition, the SBxFSN is part of our broader vision of reshaping the South Bronx built environment to foster community health by connecting green spaces, parks, markets, gardens, and gathering spots via safe, attractive streets and activity-friendly routes.

In all of the above initiatives, YMPJ implemented community-driven participatory approaches that provided impacted residents and stakeholders opportunities for "meaningful involvement." As with our proposed activities and milestone for this project, this work has included building coalitions and making collaborative decisions through some form of steering committee like we propose above for our Health Impact Assessment; hosting community conversations, visioning sessions, or other meetings to gather feedback from the community with a focus on impacted residents; engaging government agency officials and other subject matter experts with skills and experience directly relevant to the project; and facilitating ongoing two-way communications with a range of community organizations to keep stakeholders apprised of our activities and provide them chances to share their views and ideas.

b. Staff Experience / Qualifications of Project Manager. Siddhartha Sanchez, Director of Community Development and Planning, is YMPJ's Project Manager for the proposed work. Sidd has over 15 years of experience in the private, public, and non-profit arenas in the Bronx, and deep relationships across sectors and in both City and State government. Sidd will oversee the Steering Committee, provide overall direction for the project, and engage with key stakeholders and the EPA. YMPJ Executive Director David Schuffler (in-kind time) will provide broad oversight for our HIA. David has experience managing state and federal grants; building partnerships with government agencies and local organizations; and overseeing staff duties and responsibilities while tracking deliverables and expenditures under large government contracts of $500,000 and more. Importantly, David has led our organization through all of the equitable redevelopment projects, brownfield planning and assessment processes, and other community design efforts described above. In addition, an Outreach Specialist will coordinate the engagement of residents for 2 community listening sessions (screening process for HIA) and community engagement and input throughout the HIA (appraisal and reporting process for HIA).

c. Expenditure of Awarded Grant Funds, and plan for compliance: YMPJ's Chief Financial Officer ensures that YMPJ's financial controls, systems, and procedures follow best practices and are in-line with the EPA Compliance Standards.

5.0 PAST PERFORMANCE: For the following list of contracts, YMPJ met all reporting requirements, with timely reporting on progress towards achieving the expected outputs and outcomes. We have submitted acceptable final technical reports under all agreements: **Department of Youth and Community Development** - General Operating ($50,000 FY20): *Successfully completed*; **Department of Youth and Community Development** - General Operating ($40,000 FY20): *Successfully completed*; **NYC Human Rights Administration** (NYC HRA) ($60,000 in FY21): *Successfully completed*; **NYC HRA** ($60,000 in FY20): *Successfully completed*; **NYC Small Business Administration** ($20,000 in FY19): *Successfully completed*

6.0 QUALITY ASSURANCE PROJECT PLAN (QAPP) INFORMATION.
This project will involve the use of existing environmental data and will require a QAPP.

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1236-ARK EPAEJ All Req Attachments.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-EJCPAS Narrative FINAL.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	66.306	$	$	$ 150,000.00	$	$ 150,000.00
2.						
3.						
4.						
5. Totals		$	$	$ 150,000.00	$	$ 150,000.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	(2)	(3)	(4)	Total (5)
a. Personnel	$ 29,940.00	$	$	$	$ 29,940.00
b. Fringe Benefits	0.00				0.00
c. Travel	999.00				999.00
d. Equipment	8,250.00				8,250.00
e. Supplies	22,350.00				22,350.00
f. Contractual	51,561.00				51,561.00
g. Construction	0.00				0.00
h. Other	36,900.00				36,900.00
i. Total Direct Charges (sum of 6a-6h)	150,000.00				$ 150,000.00
j. Indirect Charges	0.00				$ 0.00
k. TOTALS (sum of 6i and 6j)	$ 150,000.00	$	$	$	$ 150,000.00
7. Program Income	$ 0.00	$	$	$	$ 0.00

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	$ 0.00	$ 0.00	$ 0.00	$ 0.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$ 0.00	$ 0.00	$ 0.00	$ 0.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$	$	$	$	$
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$	$	$	$	$

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)			
	(b)First	(c) Second	(d) Third	(e) Fourth
16. Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	$ 50,000.00	$ 50,000.00	$ 50,000.00	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 50,000.00	$ 50,000.00	$ 50,000.00	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges:

23. Remarks:

Manifest for Grant Application # GRANT13861044

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 22778 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16032 bytes)

2. Form SF424A-V1.0.pdf (size 22990 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40243 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15924 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23940 bytes)

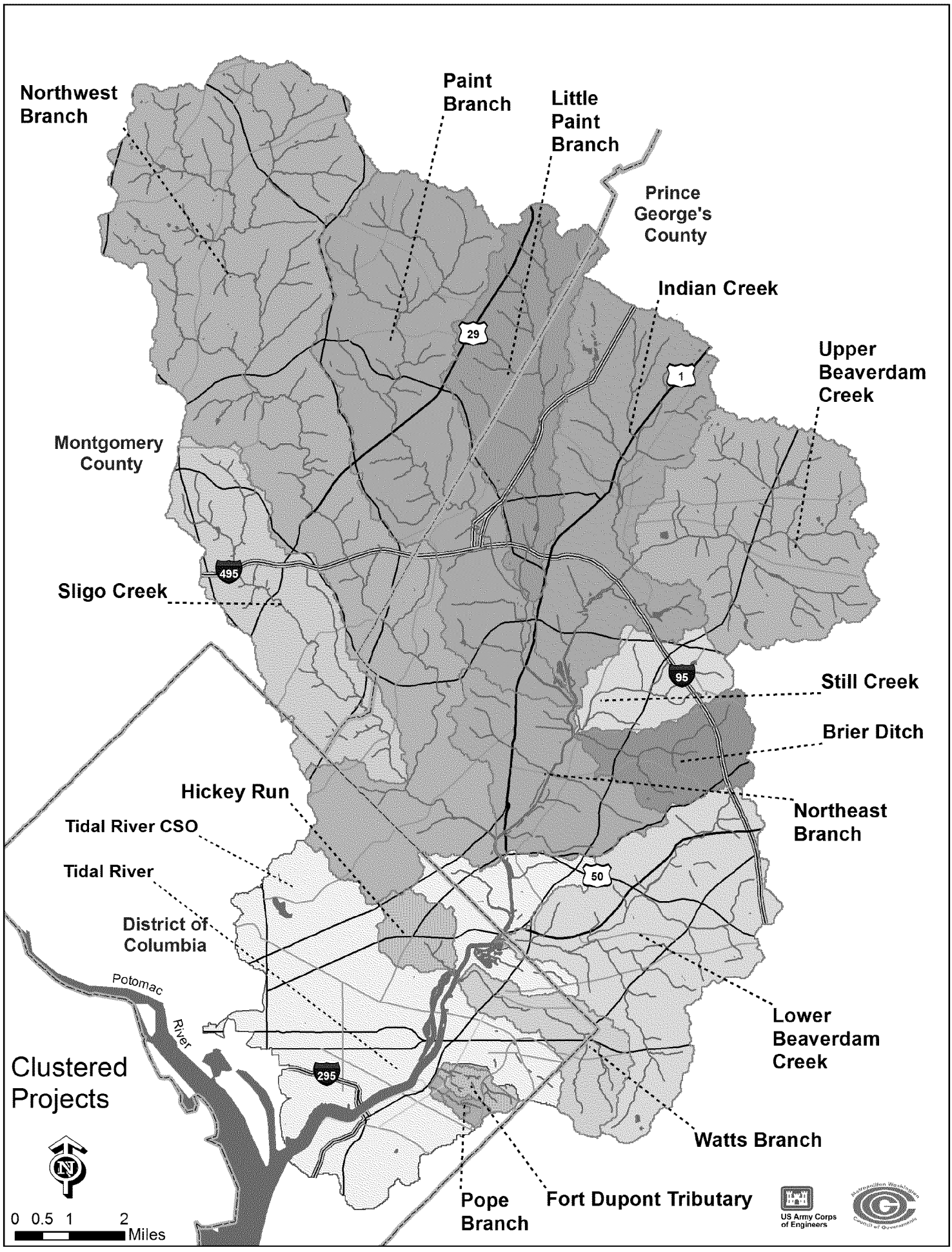
6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37254 bytes)

Attachments Included in Zip File (total 3):

1. SF424_4_0 SF424_4_0-1235-Anacostia_River_Watershed_Map with state districts.png image/png (size 3303648 bytes)

2. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-EJCPAS Narrative FINAL.pdf application/pdf (size 14086883 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-ARK EPAEJ All Req Attachments.pdf application/pdf (size 2833555 bytes)



ED_016126_00001386-00001

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1236-Project Narrative Attachment Form - Workplan - CA

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1237-EJCPS Budget Detail Template - Virginia Safe

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

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ATTACHMENT H

EJCPS Budget Detail Template

Project Term November 1, 2023 - October 31, 2025

	Description	Total
Personnel	▪ Fairfax, VA Lead Organizer @ $69,241.12 annual salary X 15% of time on project for $10,386.17 per year = $20,772.34 for two years ▪ Prince William, VA Lead Organizer @ $69,500 annual salary X 15% of time on project for $10,452 per year = $20,850 for two years ▪ Richmond, VA Lead Organizer @ $69,500 annual salary X 15% of time on project for $10,452 per year = $20,850 for two years ▪ Fairfax, VA Organizer I @ $44,416.53 annual salary X 20% of time on project for $8,883.31 per year = $17,766.61 for two years ▪ Fairfax, Organizer II @ $43,000.05 annual salary X 20% of time on project for $8,600.01 per year = $17,200.02 for two years ▪ Prince William, VA Organizer I @ $46,155.62 annual salary X 20% of time on project for $9,231.12 per year = $18,462.25 for two years ▪ Prince William, Organizer II @ $43,000.05 annual salary X 20% of time on project for $8,600.01 per year = $17,200.02 for two years ▪ Richmond, Organizer I @ $43,000.05 annual salary X 20% of time on project for $8,600.01 per year = $17,200.02 for two years ▪ Fairfax, VA Promoter @ $38,480 annual salary X 30% of time on project for $11,544 per year = $23,088 for two years ▪ Prince William, VA Promoter @ $38,480 annual salary X 30% of time on project for $11,544 per year = $23,088 for two years ▪ Richmond, VA Promoter @ $38,480 annual salary X 30% of time on project for $11,544 per year = $23,088 for two years	$219,565.26

Fringe Benefits	▪ Fairfax, VA Lead Organizer 21.85% of salary (includes medical, dental, life insurance @ 10.52%, FICA @ 7.65%, Workers Comp @ 1.78%, Retirement @ 1.26%, Unemployment @ .64%) = $4,538.79 for two years ▪ Prince William, VA Lead Organizer 21.85% of salary (includes medical, dental, life insurance @ 10.52%, FICA @ 7.65%, Workers Comp @ 1.78%, Retirement @ 1.26%, Unemployment @ .64%) = $4,555.73 for two years ▪ Richmond, VA Lead Organizer 21.85% of salary (includes medical, dental, life insurance @ 10.52%, FICA @ 7.65%, Workers Comp @ 1.78%, Retirement @ 1.26%, Unemployment @ .64%) = $4,555.73 for two years ▪ Fairfax, VA Organizer I 21.85% of salary (includes medical, dental, life insurance @ 10.52%, FICA @ 7.65%, Workers Comp @ 1.78%, Retirement @ 1.26%, Unemployment @ .64%) = 3,882 for two years ▪ Fairfax, Organizer II 21.85% of salary (includes medical, dental, life insurance @ 10.52%, FICA @ 7.65%, Workers Comp @ 1.78%, Retirement @ 1.26%, Unemployment @ .64%) = $3,758.2 for two years ▪ Prince William, VA Organizer I 21.85% of salary (includes medical, dental, life insurance @ 10.52%, FICA @ 7.65%, Workers Comp @ 1.78%, Retirement @ 1.26%, Unemployment @ .64%) = $4,0340 for two years ▪ Prince William, Organizer II 21.85% of salary (includes medical, dental, life insurance @ 10.52%, FICA @ 7.65%, Workers Comp @ 1.78%, Retirement @ 1.26%, Unemployment @ .64%) = $3,758.20 for two years ▪ Richmond, Organizer I 21.85% of salary (includes medical, dental, life insurance @ 10.52%, FICA @ 7.65%, Workers Comp @ 1.78%, Retirement @ 1.26%, Unemployment @ .64%) = $3,758.20 for two years ▪ Fairfax, VA Promoter 21.85% of salary (includes medical, dental, life insurance @ 10.52%, FICA @ 7.65%, Workers Comp @ 1.78%, Retirement @ 1.26%, Unemployment @ .64%) = $5,044.73 for two years ▪ Prince William, VA Promoter 21.85% of salary (includes medical, dental, life insurance @ 10.52%, FICA @ 7.65%, Workers Comp @ 1.78%, Retirement @ 1.26%, Unemployment @ .64%) = $5,044.73 for two years ▪ Richmond, VA Promoter 21.85% of salary (includes medical, dental, life insurance @ 10.52%, FICA @ 7.65%, Workers Comp @ 1.78%, Retirement @ 1.26%, Unemployment @ .64%) = $5,044.73 for two years	$47,975.01
Travel	▪ Local mileage for 8 organizing staff and 3 promoters for field work: 25 miles per person month @ $0.655/mi. X 48 months = $8,646	$8,646.00
Equipment	NA	$0.00
Supplies	▪ Printing and Copying of outreach and education materials, pamphlets, flyers, et. est. @ 1.50 per copy for 2500 copies per year for 2 program years = $7,500. ▪ Electronic notepads for 3 Promoters and 5 Organizers/Outreach workers to perform field duties @ $750 each for the 1st program year = $6,000 ▪ Miscellaneous supplies for staff on this project, inc. pens, pencils, paper, sticky notes, etc. = $752.63 per year for the full program term (2 years)	$15,005.26

Contractual	NA	$0.00
Construction	NA	$0.00
Indirect Costs	CASA's Federally Approved Indirect Rate = 13.30% of total direct costs.	$38,728.47
Other	▪ Subaward to Chesapeake Climate Action Network for planning, capacity-building support, outreach assistance, and area expertise = $80,000 over two years ▪ Subaward to Coalition for Smarter Growth for planning, technical advice, capacity building support, outreach assistance, and area expertise = $80,000 over two years ▪ Gas cards for community members completing outreach activities, community forums, pop-up events, etc.) 14 per month for the full project term at $30 each = $10,080	$170,080.00
		$500,000.00

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. EPA EJCPS Cooperative Agreement Program (EPA-R-OEJECR-OCS-23-01)	66.306	$	$	$ 500,000.00	$	$ 500,000.00
2.						
3.						
4.						
5. Totals		$	$	$ 500,000.00	$	$ 500,000.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total
	(1)	(2)	(3)	(4)	(5)
	EPA EJCPS Cooperative Agreement Program (EPA-R-OEJECR-OCS-23-01)				
a. Personnel	$ 219,565.26	$	$	$	$ 219,565.26
b. Fringe Benefits	47,975.01				47,975.01
c. Travel	8,646.00				8,646.00
d. Equipment					
e. Supplies	15,005.26				15,005.26
f. Contractual					
g. Construction					
h. Other	170,080.00				170,080.00
i. Total Direct Charges (sum of 6a-6h)	461,271.53				$ 461,271.53
j. Indirect Charges	38,728.47				$ 38,728.47
k. TOTALS (sum of 6i and 6j)	$ 500,000.00	$	$	$	$ 500,000.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. EPA EJCPS Cooperative Agreement Program (EPA-R-OEJECR-OCS-23-01)	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 500,000.00	$ 125,000.00	$ 125,000.00	$ 125,000.00	$ 125,000.00
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 500,000.00	$ 125,000.00	$ 125,000.00	$ 125,000.00	$ 125,000.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. EPA EJCPS Cooperative Agreement Program (EPA-R-OEJECR-OCS-23-01)	$	$	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$	$	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges: Per CASA's NICRA, 13.3% of direct costs

23. Remarks:

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CASA Virginia Safe Streets Project Expansion EJCPS Logic Model

Resources/ Inputs	**Activities**	**Outputs**	**Audience**	**Short-term Outcomes** (6-12 months)	**Intermediate Outcomes** (12-24 months)	**Long-term Outcomes** (2+ years)
– Partnering organizations – Staff time – In-kind contributions – Sub-grantee funding – Transportation costs (gas cards)	– Initiate planning campaign (with partner collaboration) in Prince William County and Richmond to identify geographic areas of focus and issues of focus for campaign – Assemble Stakeholder Advisory Committee to plan survey and host regular meetings to shape campaign – Generate and distribute survey to identify and prioritize environmental/ public health needs of community residents in English and Spanish via	– Host 6 in-person community forums in first 6 months to introduce survey and education about campaign – Distribute 500 surveys (250/year) via in-person door-knocking outreach promoters across three regions as well as via virtual/online/text platforms – 5,000 homes/residents receive education related to energy burden, indoor air pollution, and climate-related damage to homes – Hold 12 (6/year) pop-up events on the street and at bus	– Immigrant and working-class communities – Local, city, and state governments – Related decision makers (Virginia Department of Transportation, etc.) – Local partners	– Increase in local community awareness of issues including pedestrian safety, air pollution, public transportation options (target =1,800 residents) – Increase in number of community stakeholders involved in project (target = 8 entities including government, faith-based, educational institutions, etc.) – Increase in local community awareness on climate-related topics including energy burden, indoor air pollution, and climate-related	– Increase in number of immigrant and working-class (disadvantaged) community members participating in state and federal public processes, such as meetings regarding better access to public transportation – Increase in number of community members utilizing public transportation, walking, and bicycles instead of private vehicles as a result of climate education – Installation of permanent pedestrian medians	– Tangible physical investments in safe structures that include the following: – Construction of bike lanes, better lighting on public thoroughfares – Increase in more high-visibility speed limit signs to ensure pedestrian safety and reduce emissions – Permanent pedestrian medians – More safe pedestrian crosswalks/designated crossing areas – Reduced number of curb cuts

	door knocking and virtual dissemination – Generate and distribute educational materials with topics related to energy burden, indoor air pollution, and climate-related damage to homes and campaign flyers in English and Spanish via door knocking and virtual dissemination – Identify key entities and decision makers that are needed to achieve specific outcomes (example: speed limit reductions) – Notify organizational staff and identified key entities and decision makers about the campaign – Launch website and social media around new 'Safe Streets' expanded	stops – Hold 24 community meetings (12/year) with other community groups – Host 12 (6/year) Stakeholder Advisory Group meetings – Distribute 300 post-surveys 1 year after project completion via in-person door-knocking outreach promoters across three regions as well as via virtual/online/text platforms		damage to homes (target = 5,000 residents) – Increased understanding of environmental justice related issues and challenges through results of survey, pop-up events, community meetings, and Stakeholder Advisory Committee meetings – Installation of temporary safety measures where feasible to address immediate concerns such as high visibility crosswalks at key intersections, automated speed warning signs, temporary median refuges, and temporary sidewalk connections	– Installation of pedestrian-activated stop signals at important crossing points in the long gaps between existing traffic signals – Increase in number of community members implementing knowledge learned through education including accessing IRA benefits, weatherization efforts, taking steps against indoor air pollution, etc. – Safer and better connected walking and biking facilities – Bus service improvements for higher frequency service, and better all-day and weekend service – Established and regular consultation by the county and state with the community on road	– Better sidewalks, bicycle facilities/racks (places to lock and park bikes), and access to improved bus stops. – Established and regular consultation by the county and state with the community on road safety and design, as well as bus service planning and BRT planning. – Decrease number in pedestrians involved in auto-accidents – Improved indoor air quality in homes of community members and homes equipped with more energy-efficient modifications – Overall reduction in emissions and air pollution

	campaign – Plan and initiate campaign announcements via press releases, media advisories, etc. – Host community forums to introduce survey and education about campaign – Host pop-up events on the street and at bus stops to execute survey and education on campaign – Host community meetings with community groups, churches, schools, etc. to invite stakeholders into campaign, ensure widespread community involvement, and spread information about campaign in order (to create stakeholder advisory groups				safety and design, as well as bus service and BRT planning	

	– Review survey results, data, and identify findings, compile with information from stakeholder advisory groups and committee – Draft report with recommendations – Distribute post-surveys one year after project completion to community members who have engaged with the project to follow up and see if improvements have been made					

ABIGAIL SPANBERGER
7TH DISTRICT, VIRGINIA

Congress of the United States
House of Representatives

SPANBERGER.HOUSE.GOV

April 14, 2023

Dear Administrator Regan,

I am writing to request you provide full and fair consideration of the application submitted by CASA for the Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program funding opportunity as awarded by the U.S. Environmental Protection Agency.

As I understand it, the purpose of this program is to provide financial assistance to eligible organizations working to address local environmental or public health issues in their communities. The program assists recipients in building collaborative partnerships with other stakeholders such as local businesses and industry, local government, medical service providers, and academia to develop solutions to environmental or public health issues at the community level.

If awarded, CASA intends to expand its Safe Streets campaign to Prince William County, Fairfax, and Richmond. The Safe Streets program engages marginalized voices in the pursuit of reduced emissions and associated air pollution through increased pedestrian and cyclist safety and improved access to public transportation options. CASA says this project will expand its base of climate advocates within the areas of Richmond, Fairfax, Manassas, and Prince William County; deepen members' understanding of climate justice, transit equity, and environmental justice; engage and educate allies and decision makers about the need to invest in environmental justice communities and opportunities available to do so; and achieve tangible changes to reduce fossil fuel emissions through increased transit and safe transportation systems for pedestrians and cyclists.

For the past decade, CASA has been an anchor organization serving Virginia's immigrant and working-class residents – using a proven approach of providing culturally and linguistically appropriate services and programs that meet the immediate needs of the community. Therefore, CASA is positioned to use this funding to effectively facilitate stakeholder advisory groups to ensure members of the public, especially low-income and immigrant communities, are involved in the process, provide feedback, and work in partnership with local governments to develop safer streets for the community.

I thank you for your time and attention to this grant application, as well as your service to the constituents of Virginia's Seventh District.

Kind Regards,

Abigail Spanberger
Member of Congress

14. Areas Affected by Project (Cities, Counties, States, etc.)

States: Virginia (VA)

Counties:
(VA) Prince William County, Fairfax County

Cities:
(VA) Woodbridge, Culmore, Richmond

16. Congressional Districts

Congressional Districts Of:	
Applicant	**Program/Project**
GA-004	VA-004
GA-005	VA-007
GA-006	VA-008
GA-013	VA-010
VA-002	VA-011
VA-004	
VA-007	
VA-008	
VA-010	
VA-011	
MD-003	
MD-004	
MD-005	
MD-007	
MD-008	
PA-006	
PA-010	
PA-011	

Engaging Diverse Communities in the Anacostia Watershed

Anacostia Riverkeeper & Partners'

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program Proposal

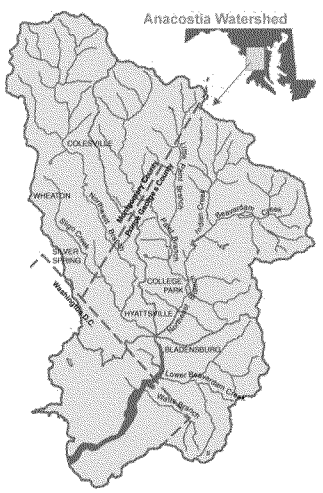
ANACOSTIA PARKS & COMMUNITY COLLABORATIVE

CHEER Community Health and Empowerment through Education and Research

Joe's Movement Emporium

Montgomery Green

PROTECT | RESTORE | CONNECT DC | MD



The Environmental Justice Challenge in Our Watershed

In DC's Ward 7 & 8, otherwise known as "East of the River", over 90% of residents are Black or African American

However, BIPOC participation in recreation and educational outreach in the watershed is disproportionately low

In Maryland's upper Anacostia tributaries, over 20% of residents identify as Hispanic, and many community members first language is Spanish

Yet, most education and outreach opportunities do not include spanish language materials or any bilingual programming

Anacostia Riverkeeper & Community Partners' Solution

Listening Tour into Diverse Communities

Working with partners in diverse neighborhoods, Anacostia Riverkeeper will first embark on a listening tour.
In this series of events, ARK will attend 12+ community events a year (community groups, school or church nights, food drives, etc) and talk to residents about their perception and barriers to recreation & engagement on the river.

Expanding Existing Programs to Improve Access

Anacostia Riverkeeper has a strong repertoire of events and programming that promote engagement in the watershed, including family fishing events, after-school educational programming, and boat tours. Funding & insight from the listening tour will allow ARK to expand and dedicate programming for residents of these diverse neighborhoods

New "*Anacostia Evening*" Programming

To further celebrate and engage these diverse communities, Anacostia Riverkeeper will work with local community group to create a summer evening festival series in local parks in these underserved neighborhoods within the watershed, providing watershed fun, games, and educational opportunities, as well as a hub for other environmental justice & public health programming.

Environmental & Social Outcomes

2,000+ community members from underserved communities will have opportunities to engage with their watershed.

Partnerships with smaller community nonprofits will empower them to advocate for environmental justice within their community

Diverse residents will build a healthy & lasting relationship with the watershed that is the backbone of their community

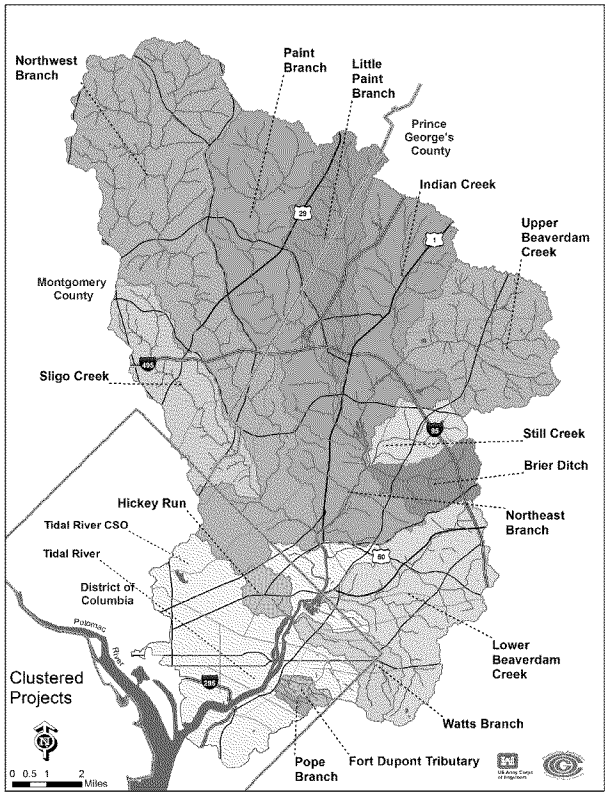
ANACOSTIA RIVERKEEPER®

Engaging Diverse Communities in the Anacostia Watershed

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program (EJCPS)

Diverse Communities, Environmental Justice & the Anacostia Watershed

The Anacostia watershed covers parts of both Montgomery County and Prince George's County in Maryland and flows through seven of the eight Wards in the District of Columbia with over 800,000 people calling it home. The communities that makeup the watershed are highly diverse racially, ethnically, and socioeconomically, something that's to be expected in a highly developed urban area surrounding the nation's capital.



DC Residents East of the River - In the District, Wards 6, 7, and 8 encompass most of the Anacostia watershed in DC and their residents typically have the strongest connection to the river due to their close proximity. While these three Wards make up ~37% of the District's population, over 20% of families in both Ward 7[1] and 8[2] live below the poverty line while their population is over 90% Black or African American. Just by looking at the geography of the Wards, 7 and 8 east of the river while 6[3] is west of the river, you can see the stark racial divide that still exists in the community with over 90% of Wards 7 and 8 population identifying as Black or African American and only 30% identifying the same in Ward 6 west of the river. These communities have long suffered environmental racism in the form of highway construction, industry, and pollution.

[1] https://www.dchealthmatters.org/demographicdata?id=131494
[2] https://www.dchealthmatters.org/demographicdata?id=131495
[3] https://www.dchealthmatters.org/demographicdata?id=131493&sectionId=935

Prince George's County Residents[4] - Prince George's County is a working class area with a history and high density of industrial practices and heavy urbanization (2,003 residents per square mile). As of 2022 Prince George's County has a total population of 947,000 people, 64% of which identify as Black or African American and 20.5% of which identify as Hispanic or Latino. Only 34.5% of county residents record having a college education with 11.5% of residents living below the poverty line. With almost 50% of the watershed contained within its boundaries, Prince George's County has some of the largest impacts on both river and community health, a fact that can be in conflict with numerous public parks and access points along the river that are often rendered useless due to flooding, trash, or unsafe conditions.



Montgomery County Residents[5] - Montgomery County, MD has a population of 1,053,000 as of the 2022 census, with 20% identifying as Black or African American and 20% as Hispanic or Latino. The average income is almost $30,000 higher in Montgomery County than in Prince George's County and only has 8% of its residents living below the poverty line. While Montgomery County is typically seen as a less urbanized and diverse location, the communities surrounding the Anacostia portions of the county are highly eclectic and oftentimes see the most recreation due to the appeal of the shared resource that is the Anacostia and its tributaries. Unfortunately there is a strong disparity in the county's LatinX community as they often have the highest rates of recreation around the watershed, but have often been left out of past outreach and environmental education initiatives due to language barriers and poor outreach efforts.



Unfortunately, like many urban rivers, the Anacostia not only has a past marred by environmental pollution, but also a form of social and cultural pollution via gentrification, unequal access to basic city services, and unjust development practices. Watershed residents in Maryland and the District of Columbia have a strong history of river recreation and stewardship that was eroded through industrial pollution, community fragmentation, and lengthy inaction in restoring the river. When the District's black residents were barred from city swimming pools decades ago they turned to the Anacostia as a source of recreation and enjoyment in a time when city services were dictated by the color of your skin. In time even this opportunity was closed off to District residents east of the river as highways, infrastructure, and industrial complexes were built along the river, making the river unsafe to recreate in and further removing Anacostia residents from their river. This trend was only repeated further up the watershed in Prince George's County and Montgomery County as development pushed black and LatinX residents

[4] https://www.census.gov/quickfacts/princegeorgescountymaryland
[5] https://www.census.gov/quickfacts/montgomerycountymaryland

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further away from rivers and streams while simultaneously making it harder for them to access and enjoy natural spaces.

Presently, the Anacostia River is seeing a strong resurgence and return to its past natural state, thanks to the combined effort of the DC government, environmental groups, and the strongly engaged Anacostia community. As the river becomes healthier and safer for people to come in contact with, recreation opportunities will be essential in helping Anacostia residents and visitors reconnect with their river. Studies have shown that river recreation still persisted when the Anacostia was degraded and still persists in present day in numerous watershed communities. Recent Anacostia Riverkeeper water quality results even indicate that a large majority of the mainstem Anacostia would be safe to swim in during most of the recreation season. However, while the potential for recreation and reconnection has increased over recent years, threats to human health and safety still exist in the form of sewage overflows, trash and debris, and toxic sediments. It's for these reasons that river education, outreach, and collaboration within these communities is so essential so that residents can feel a renewed sense of ownership for the river while also being informed about current issues still facing it today.

Watershed Partnerships

Anacostia Riverkeeper works in collaboration with local groups, legal counsel, federal and local government officials, foundations, and community members to ensure well-written environmental laws, enforcement of the existing laws, public awareness of environmental and health issues, and the cleanup and prevention of pollution of the river and its tributaries. Selected existing partnerships include:

Alliance for the Chesapeake Bay ARK works with Alliance on water quality monitoring. Alliance helped develop the methods and protocols used in the District monitoring program.

***Anacostia Parks and Community Collaborative** Anacostia Riverkeeper is a long-time member of APACC, and we have worked with ARK on various community listening sessions and events.

***Community CHEER** is a public health non-profit in the Hispanic Long Branch neighborhood of Montgomery County. ARK partners with CHEER on several youth outreach programs related to water quality.

***Defensores de la Cuenca** connects the Latino community in Maryland with the environment. ARK partners on 2021's Faith and Fishing grant is also involved in Anacostia Riverkeeper's bilingual outreach in Montgomery County for water quality monitoring and trash cleanups.

DC Audubon Society ARK partners with DC Audubon on several outreach efforts, including Wingspan Wednesday (a monthly game night) and birding boat tours, engaging young working professionals on the watershed.

Earth Conservation Corps ARK partners with ECC on the Friday Night Fishing program as well as on the maintenance of the District Bandalong Litter Traps.

EcoLatinos partners with ARK on Spanish language environmental outreach in Montgomery and Prince George's County, MD.

***Joe's Movement Emporium**, **StreamTeam** Joe's workforce team will work with ARK to maintain Bandalong Trash Traps, as well as partnering on outreach related to water quality and litter clean ups in Montgomery and Prince George's county.

Latin American Youth Center LAYC runs the Montgomery County Conservation Corps and will field the team maintaining the first Bandalong Litter Trap in Montgomery County, MD.

Nature Forward ARK works with NF specifically on a citizen science water quality monitoring program that covers all District waters. ANS helps ARK recruit and monitor waters in Rock Creek.

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***One Montgomery Green** partners with ARK on outreach and trash cleanups in Montgomery County.



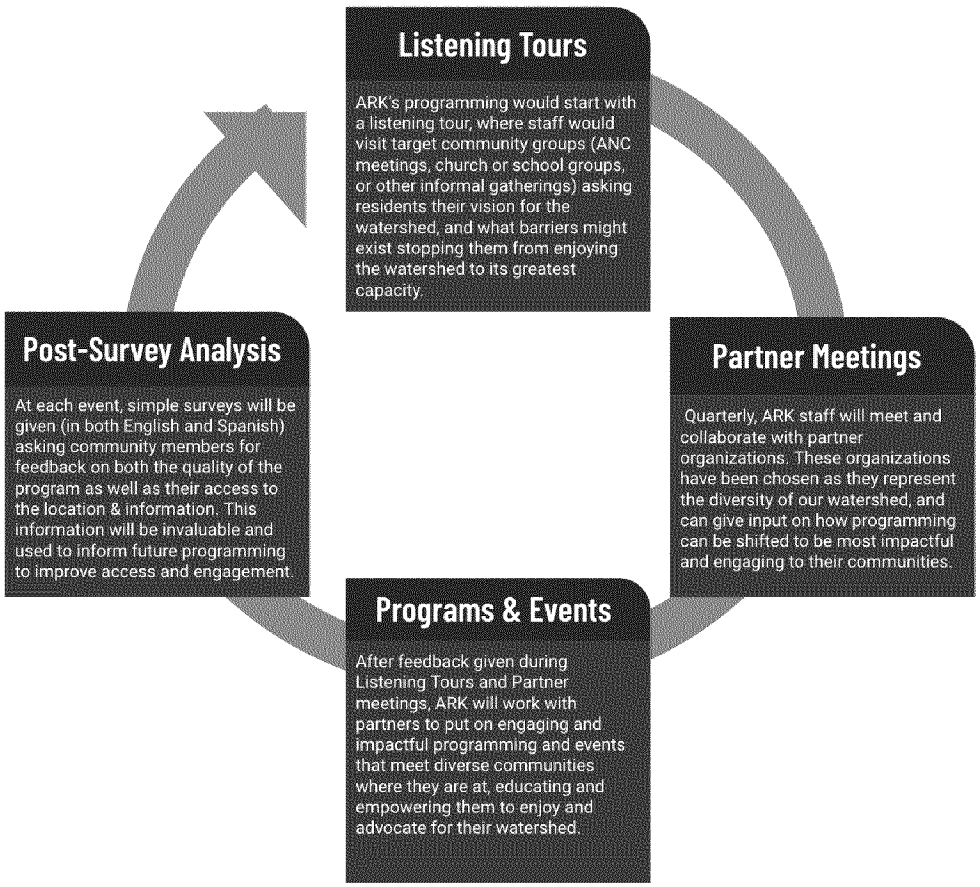
Ward 8 Woods in conjunction with George Washington University started up a new water quality monitoring program this year and collaborates with ARK in youth development as contractors for Bandalong trash trap maintenance.

As this is a collaborative grant, ARK is utilizing strong partnerships with local organizations in these diverse communities in order to better connect with the community we hope to serve. Specific groups we are writing in as contracted partners in this grant include:

- **Anacostia Parks and Community Collaborative**- Will partner with ARK as a local contact for BIPOC communities in Ward 7 and 8 in the District, helping host an *Anacostia Evening* at Anacostia Park, as well as organizing stops on the listening tour.
- **Community CHEER**- Will partner with ARK as a local contact within the Spanish-speaking Maryland communities, helping host an *Anacostia Evening* at Long Branch Community Center, as well as organizing stops on the listening tour.
- **Joe's Movement Emporium** Will partner with ARK as a local contact for diverse communities in Prince George's county, helping host an *Anacostia Evening* at Bladensburg Waterfront Park, as well as organizing stops on the listening tour.
- **One Montgomery Green**- Will partner with ARK to provide opportunities and organization for listening tour events to better connect with diverse Maryland communities, and also help provide bilingual outreach and opportunities.

A Collaborative Solution to Community Engagement

Anacostia Riverkeeper (ARK) will leverage the Environmental Justice Collaborative Problem-Solving model in the completion of this project. When working to engage with BIPOC and Spanish-speaking groups, it is critical that ARK staff leans into community members and existing community groups in order to ensure the work is done equitably, and raises up voices within the community to lead the work.



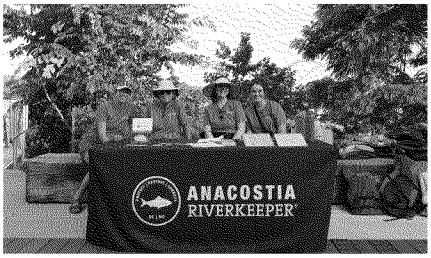
ARK will engage with individuals from the community through *Listening Tours* where staff visits communities asking the tough questions regarding the communities thoughts and visions for the watershed, but also engage with both contractual partners and other existing community groups in the watershed to further understand what the the needs of the community, and working to remove barriers preventing community members to engage equitably.

Anacostia Riverkeeper has been a trusted name in the Anacostia community since 2009, working with watershed residents and visitors to further our goal of a swimmable and fishable Anacostia River. Working towards this goal we focus on five (5) key program areas: accessibility, water quality, trash mitigation, green infrastructure, and advocacy. All of these programs work together to not only further clean the river, but also reunite a previously strong but fractured Anacostia community with their river. This proposal will combine vital Anacostia Riverkeeper program areas into one comprehensive and collaborative project with the intent of creating a more unified and engaged Anacostia community where all watershed residents feel a shared ownership of their local river.

All Riverkeeper programs have a central focus of engaging with the Anacostia community and getting them out into the watershed and engaging with their home river. This project reimagines pre existing organizational skills and programs in a way that will better engage the full watershed community, no matter location or socioeconomic status.

In order to meet project objectives, Anacostia Riverkeeper (ARK) and community partners will host four event types to better serve their communities and increase engagement in diverse communities

1. **Listening Tours** One of ARK's first goals will be to better understand what roadblocks might exist that limit residents' understanding and engagement with the watershed. We will meet diverse residents in their communities, focusing on BIPOC and Spanish-speaking groups; attending neighborhood groups, school or church events, or other formal or informal community events. While staff is at events, we will ask the tough questions on the public's perspective on the watershed's health as well as what barriers might exist limiting their engagement with the watershed.



2. **Anacostia Evenings** ARK will work with partner organizations to host a series of evening events in these diverse and underserved communities that might not otherwise have access to watershed-based festivals. At these events, ARK will provide snacks, drinks, t-shirts, watershed education & entertainment. This will include shorter boat tours (*Anacostia Experience)* , *Family Fishing*, and educational games for kids. Partner organizations will also table, providing residents a one-stop-shop to learn more about environmental justice in their communities.



3. **Educational Outreach** ARK will target non-traditional youth education groups in these diverse communities to provide educational opportunities to youth. These could range from after-school programs, mentorship clubs (i.e. Boys & Girls clubs, etc), scouting groups, youth groups, camps, and more. These programs would be available in both English and Spanish. Programming content at these could include:



   - Water Quality in the Anacostia
   - Plastic Pollution
   - Environmental Policies & Initiatives
   - Climate Change and Urban Heat Islands
   - Access to Nature and Mental Health
   - Environmental Justice & Advocacy

4. **Boat Tours** ARK has an existing educational boat tour program, however funding has been limited in previous years. Through this program, ARK will set aside 20 boat tours annually for groups from these diverse target communities in order to allow them to "skip the line" and have easier access to the river that makes up the backbone of their community.



2023 - 2026 TIMELINE
Engaging Diverse Communities in the Anacostia Watershed
EJ Collaborative Problem-Solving Cooperative Agreement Program (EJCPS)

Yearly events	**12) listening sessions** • (6) where each partner designs a listening session to best reach their key audience • (6) ARK/partners attending existing diverse events across the watershed	**(3) *Anacostia Evenings*,** programming can include: • (3) 45-minute *Anacostia Experience* boat tours • (1) *Family Fishing* station • (1) Water quality monitoring station • (1) educational station • various partner stations	**(20) 1-hour *Anacostia Experience* boat tours**	**(12) stand-alone educational events**

	Q1 (Jan - Mar)	Q2 (Apr - Jun)	Q3 (Jul - Sep)	Q4 (Oct - Dec)
2023				• Partners meetings • Planning for upcoming listening session
2024	• (6) listening tour events • (3) stand-alone educational events	• *Anacostia Evening* (Anacostia Park) • (10) *Anacostia Experience* boat tours • (3) stand-alone educational events • (2) listening tour events	• *Anacostia Evening* (Bladensburg) • (10) *Anacostia Experience* boat tours • (3) stand-alone educational events • (2) listening tour events	• *Anacostia Evening* (Long Branch) • (3) stand-alone educational events • (2) listening tour events
2025	• (6) listening tour events • (3) stand-alone educational events	• *Anacostia Evening* (Long Branch) • (10) *Anacostia Experience* boat tours • (3) stand-alone educational events • (2) listening tour events	• *Anacostia Evening* (Anacostia Park) • (10) *Anacostia Experience* boat tours • (3) stand-alone educational events • (2) listening tour events	• *Anacostia Evening* (Bladensburg) • (3) stand-alone educational events • (2) listening tour events
2026	• (6) listening tour events • (3) stand-alone educational events	• *Anacostia Evening* (Bladensburg) • (10) *Anacostia Experience* boat tours • (3) stand-alone educational events • (2) listening tour events	• *Anacostia Evening* (Long Branch) • (10) *Anacostia Experience* boat tours • (3) stand-alone educational events • (2) listening tour events	• *Anacostia Evening* (Anacostia Park) • (3) stand-alone educational events • Submit final report

A full timeline of the project is attached to this proposal.

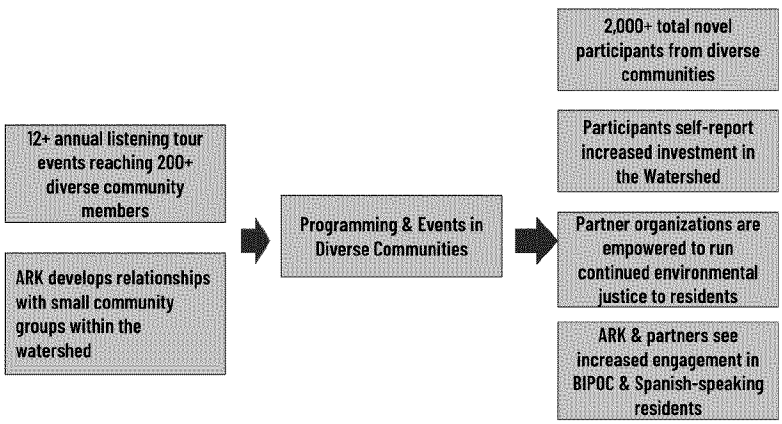
Anacostia Riverkeeper is asking for three years of $50,000 of funding for this project. Money will go towards staff time for planning and attending various events, equipment and maintenance for fishing and boat tours, educational materials, and funding to pay contractual partners. Additionally, funding has been set aside in the budget in order to compensate local organizations and individuals (artists, educators, etc) contributing to the Anacostia Evening events. More information can be found in the itemized annual budget included.

Proposed Budget Overview	
Staff Time	$29,940
Event Supplies & Rentals	$22,200
Outreach Materials Costs	$14,079
Boat Tours	$33,300
Partners & Contracts	$50,481
Three Year Total	$150,000

Successful performance of this project is directly tied to the number of community members engaged/reached and their level of behavioral change to one of increased connection to the Anacostia. The four education and outreach areas of this project are intended to meet audiences where they are through a variety of different mediums (e.g., on river boat tours, riverside events, educational walking tours, etc).

Anacostia Riverkeeper hopes that successful programming will lead to multiple short- and long-term outcomes for the watershed and its residents. Short-term goals include:

- 600+ residents from diverse communities engaged in listening tours.
- ARK will develop or strengthen relationships with 10+ community groups interested in Environmental Justices in the watershed.
- 2,000+ individuals will engage in watershed recreational and educational opportunities.



With increased access and engagement in the watershed by both diverse residents and community groups, ARK hopes to see increased engagement and investments in the watershed. These long-term outcomes include:

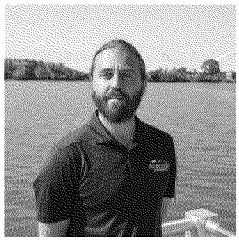
- 90% of participants self-report an increased interest and intent to continue recreation in the watershed
- ARK continues collaboration with community groups in the watershed to provide long-term, sustainable recreation and education opportunities to the watershed.
- ARK and partner groups see increasing participation in programming from BIPOC and Spanish-speaking community members.

We see this grant as the beginning of a watershed-wide, coalition-based effort to connect underserved communities to their local waterways. Through direct collaboration on major events like the Anacostia Evenings series, as well as smaller community outreach, the project will strengthen our existing partnerships and forge new ones. Emphasizing outreach and education will allow the project to be self-sustaining for growth and continuation—the more people learn about the river and recreation opportunities, the more people will engage with and be stewards of the river on their own. One of the key goals of this project is to empower our partner organizations to expand their environmental programming and be able to implement these recreation and education activities with their communities after the grant period has lapsed. We bring our environmental expertise to the project, and hope that over the project timeline we can share this with our partners. Through the three-year period of the project, we plan to transition to a more hands-off approach to programming, turning over more direction and responsibility to our partner organizations. This will create a gradual transition to allow them to take over after the grant period is over.

Organizational Capacity

As an organization, our primary programmatic goals that help us achieve our mission are centered on trash mitigation, advocacy, water quality, stormwater reduction, and river access. All these programs have a strong community component, whether it's having local volunteers collect water quality samples or taking a school group out on a free educational boat tour. Our primary audiences are local river lovers and the communities that live along the river in the District of Columbia, Prince George's County, and Montgomery County. In the District, we focus most of our programs in Wards 6, 7, and 8; historically black and underserved communities who were some of the first stewards of the river and have strong shared emotional bonds with the fate of the river. While in Maryland our members come from all walks of life, united by a shared love for the outdoors and a commitment to protect their local natural resources. Examples of the scope and reach of our work include: over 900 attendees of all ages to our free family Friday Night Fishing events in the summer; providing over 2,100 participants with free educational boat tours each year; working with over 600 volunteers each year to help remove more than 20,000lbs of trash from the watershed; and training over 70 citizen science volunteer monitors to collect almost 300 water samples each year. With this proposal, we plan to grow our existing programming and infrastructure to better serve some of the more diverse communities within our watershed.

Trey Sherard is the Anacostia Riverkeeper and is beginning his twelfth year with the organization advocating for and connecting people to the Anacostia River. An experienced community organizer, Trey leads a majority of our outreach, advocacy, and programs. He coordinates Anacostia Riverkeeper's *Clean Waterways* cleanup series, *Friday Night Fishing*, management of eight Bandalong litter traps in DC and MD, and ARK's green infrastructure program. He serves as DC Vice-Chair of the Anacostia Watershed Community Advisory Committee and serves on Mayor Bowser's Leadership Council for a Cleaner Anacostia River. Trey also guides the majority of ARK's *Anacostia River Explorer* boat tours, which will be a critical component of this project. USCG 100 ton Captain's License, B.S. Biology Duke University.



Quinn has worked at Anacostia Riverkeeper for five years and is currently Director of Operations. She has organized our Friday Night Fishing series and many of our cleanup events for the past few years. She is also currently managing a Trash Cleanup and Outreach grant in Montgomery County that engages 6 partners over 18 events this year. Quinn oversees scheduling and logistics across all watershed programs. Additionally, she develops and maintains public-facing outreach materials, organizational knowledge management systems, and designs and executes social media and newsletter content. Quinn earned her B.A. in Organizational Sciences from the George Washington University.

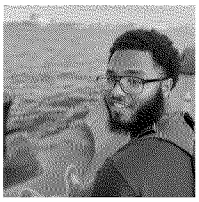


Maureen works as our Program Manager of the Water Quality monitoring program at Anacostia Riverkeeper. In this role, Maureen collaborates with project partners to recruit and train water quality volunteers, manages monitoring and data analysis during the summer recreational season, and writes both public and scientific reports on findings. She also leads our educational work, focusing on providing engaging activities to children and families in the watershed. Before joining ARK, Maureen earned her M.S. in wildlife sciences from Auburn University and worked for eight years as a middle school science teacher in DC Public Schools.



Petra is our project coordinator on Water Quality monitoring, where she coordinates with volunteers and partner organizations, analyzes water samples, and processes and communicates results with the public. Petra creates outreach materials focused on sharing vital information about the health and history of the Anacostia to empower residents to engage with their river. She is also one of our boat tour guides. Petra earned her B.A. from Williams College where she studied chemistry and environmental studies.



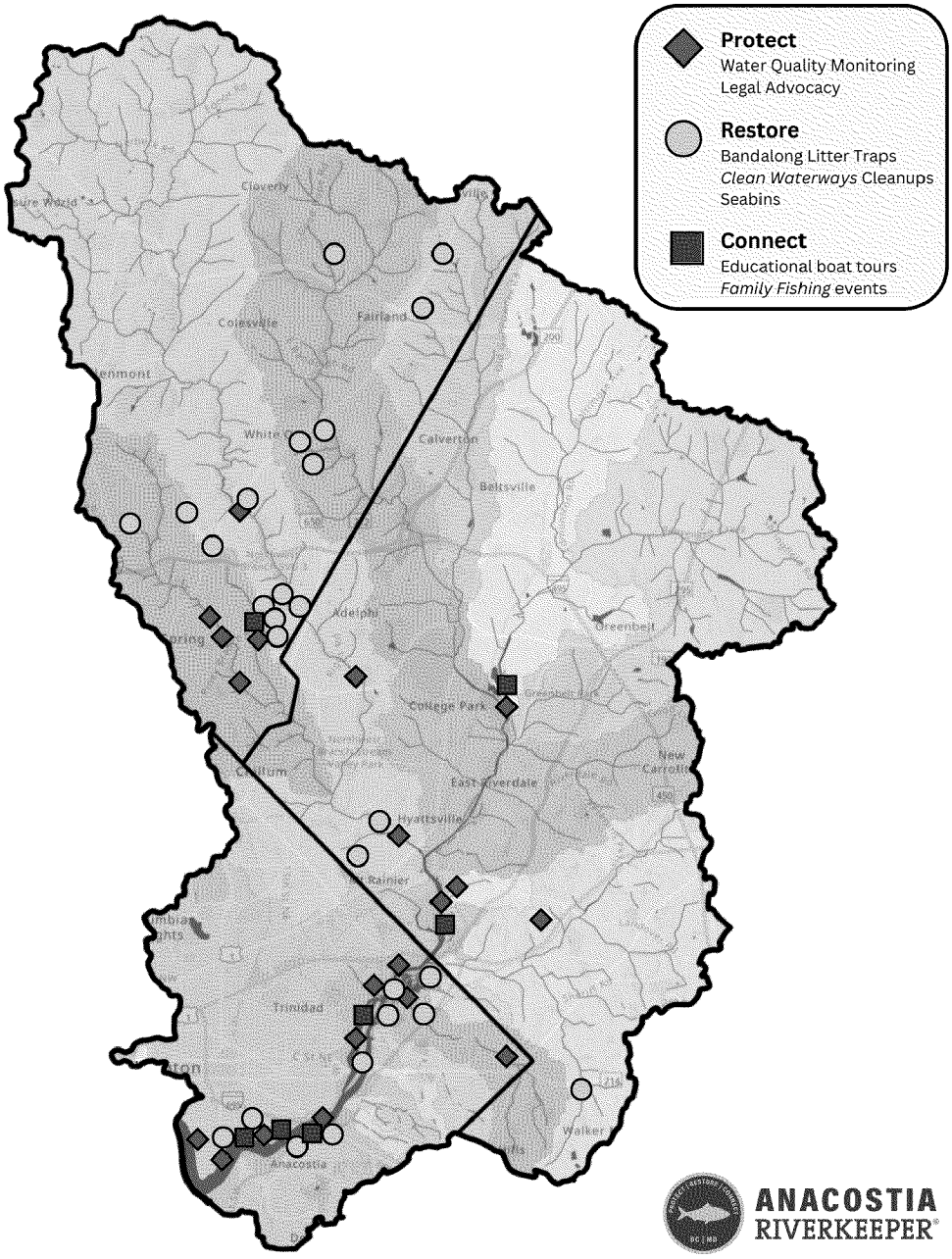


Glenn, a native resident of DC, is passionate about protecting the environment, especially when it comes to issues facing underrepresented communities. He is a graduate student pursuing a PSM in Urban Agriculture from the University of The District of Columbia. He also serves as a park steward for Friends Of Oxon Run in Southeast DC. At ARK, Glenn manages the Seabins program which collects trash in local marinas and is one of our boat tour captains.

Anacostia Riverkeeper approaches each new year from a mindset of stable growth. While the primary issues facing the Anacostia are well known, we as an organization continue to keep an eye on new research and technologies, emerging threats to the rivers, and marked growth in our programs and campaigns. Our work for each new year is framed by the question: what can we do to help protect the river, help to restore it to its past beauty, and help connect local communities to their river in an equitable way? Currently grants of note include:

- **"Anacostia River Explorers"** *District of Columbia Department of Energy & Environment # RFA 2022-2203-WPD*
    - The project purpose is to offer at least 250 educational boat tours of the Anacostia River with a budget of $78,000 annually in order to educate them about the Anacostia River.
    - Ongoing programming since 2015, Anacostia River Explorers have held over 1,400 tours that have reached 17,500 DC residents and guests.
- **"Trapping Trash in the Anacostia Watershed"** *District of Columbia Department of Energy & Environment RFA#2019-1921-WPD-Grant#01*
    - Manage 8 Bandalong Litter Traps in North America along with subcontractors. These were the first Bandalong Litter Traps in North America, for a total of $127,376 over the three years.
    - Conduct public outreach and data management for trash data collected from the traps annually.
- **"Litter Cleanups By and For Diverse Communities"** *Chesapeake Bay Trust Award #21706*
    - $43,934 for a series of litter cleanup events to engage geographically and ethnically diverse audiences in Montgomery County's Anacostia watershed
    - Collaborating with six diverse partner organizations, including both environmental non-profits and community groups.
    - Will host a series of 12 cleanup events in 2023-2024, as well as six bilingual community outreach events.
- "**What's in the Water: Engaging the Prince George's County Community in Water Quality"** *Chesapeake Bay Trust Award #21410*
    - $28,135 to train a team of volunteer water quality monitors and implement seasonal water quality testing
    - Collaborates with local environmental and arts partners to recruit and train volunteers, as participate and share results in in end-of season environmental *Festival Del Rio Anacostia*

Anacostia Riverkeeper has a long history of grant compliance with both federal and non-federal funders. With grant dollars coming from entities like the District of Columbia, the National Fish and Wildlife Foundation, and private foundations alike we are fully equipped to meet all administrative and staff-level requirements that necessitate managing grant funds including but not limited too: providing annual financial statements upon request, grant document retention and organization, and consistent project/budgetary reporting. Being familiar with the process of receiving, distributing, and managing grants up to $200,000 we are prepared to respond to any requests for review of organizational procedures, legitimacy, or project progress. It's a core principle of ours that all awarded funds are spent deliberately, transparently, and according to the proposed project budget which we intend to carry forward with this proposal.



Manifest for Grant Application # GRANT13861672

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 27157 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16036 bytes)

2. Form SF424A-V1.0.pdf (size 22875 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40677 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15931 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23924 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37318 bytes)

Attachments Included in Zip File (total 10):

1. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1236-Project Narrative Attachment Form - Workplan - CASA VA Safe Streets Expansion.pdf application/pdf (size 220558 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1243-Proof of Nonprofit Status.pdf application/pdf (size 1448479 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-Resumes of Project Manager and other Key Personnel.pdf application/pdf (size 1316745 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1242-Application Work Plan (Project Narrative) Attachments A-G CASA VA Safe Streets.pdf application/pdf (size 5593091 bytes)

5. SF424_4_0 SF424_4_0-1234-Areas Affected by Project (SF-424) EPA EJCPS.pdf application/pdf (size 26570 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-EJCPS Logic Model CASA .pdf application/pdf (size 79837 bytes)

7. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-CASA - EJCPS EPA - LOS Representative Spanberger VA-07.pdf application/pdf (size 113975 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-LOC for CASA's VA Safe Streets Project Expansion.pdf application/pdf (size 818185 bytes)

9. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-EJCPS Budget Detail Template - Virginia Safe Streets Project Expansion - Itemized Budget Sheet.pdf application/pdf (size 76377 bytes)

10. SF424_4_0 SF424_4_0-1235-Congressional Districts (SF-424) EPA EJCPS.pdf application/pdf (size 24922 bytes)

AUTHORIZED STAFFING PLAN

Staffing Plan - Budget			
Name	Hourly Rate	Number of Hours	Year 1
Walkiria Pool - CEO	$50	250.00	$4,125.00
Damaris Frias - Project Manager	$48	300.00	$4,752.00
CFO	$45	300.00	$4,455.00
Project Director	$40	2000.00	$26,400.00
Project Manager	$37	3000.00	$36,630.00
Research Analyst	$36	700.00	$8,316.00
Administrative Assistant	$20	450.00	$2,970.00
Accounting Manager	$30	195.00	$1,930.50
Communication and Marketing Manager	$32	400.00	$4,224.00
Community Organizer	$20	1500.00	$9,900.00
I. Total Salary and Wages			**$103,702.50**
II. Total Fringe Costs		**21%**	**$21,777.53**
Travel			Year 1
III. Total Travel			
Equipment			Year 1
			$1,000.00
IV. Total Equipment			**$1,000.00**
Supplies			Year 1
Printing of Educational Materials			$1,500.00
Outreach and Marketting Costs			$1,200.00
Other Supplies			$500.00
V. Total Supplies			**$3,200.00**
Contractual			Year 1
IT Support			$1,500.00
VI. Total Contractual			**$1,500.00**
Other			Year 1
50 Stipend			$25,000.00
Faith Based Organization Stipend (20 participating groups)			$10,000.00
VII. Total Other			**$35,000.00**
Total Direct			$166,180.03
Total Indirect (10% de-minimus)			$12,868.00
Total			**$179,048.03**

Year 2	Year 3	Total	
$4,125.00	$4,250.00	$12,500.00	$12,500.00
$4,752.00	$4,896.00	$14,400.00	$14,400.00
$4,455.00	$4,590.00	$13,500.00	$13,500.00
$26,400.00	$27,200.00	$80,000.00	$80,000.00
$36,630.00	$37,740.00	$111,000.00	$111,000.00
$8,316.00	$8,568.00	$25,200.00	$25,200.00
$2,970.00	$3,060.00	$9,000.00	$9,000.00
$1,930.50	$1,989.00	$5,850.00	$5,850.00
$4,224.00	$4,352.00	$12,800.00	$12,800.00
$9,900.00	$10,200.00	$30,000.00	$30,000.00
$103,702.50	**$106,845.00**	**$314,250.00**	
$21,777.53	**$22,437.45**	**$65,992.50**	
Year 2	Year 3	Total	
		$0.00	
Year 2	Year 3	Total	
$1,000.00	$0.00	$2,000.00	
$1,000.00	**$0.00**	**$2,000.00**	
Year 2	Year 3	Total	
$1,000.00	$220.00	$2,720.00	
$1,000.00	$0.00	$2,200.00	
$250.00	$0.00	$750.00	
$2,250.00	**$220.00**	**$5,670.00**	
Year 2	Year 3	Total	
$1,500.00	$500.00		
$1,500.00	**$500.00**	**$3,500.00**	
Year 2	Year 3	Total	
$25,000.00	$0.00	$50,000.00	
$10,000.00	$0.00	$20,000.00	
$35,000.00	**$0.00**	**$70,000.00**	
$165,230.03	$130,002.45	$461,412.50	
$12,773.00	$12,946.49	$38,587.50	
$178,003.03	**$142,948.94**	**$500,000.00**	

AUTHORIZED STAFFING PLAN FOR EPA-I-OLEM-ORCR-23-02

Staffing Plan - Budget	
Name	Responsibility
Walkiria Pool - CEO	Oversees all grant functions
Damaris Frias - COO	Oversees all program operations
CFO	Financial Compliance and Accounting
Project Director	Program management
Project Manager	Manage program activities
Research and Analyst	Analyze data collected and make data r
Administrative Assistant	Assist the program manager and coordir
Accounting Manager	Financial assistant + payroll
Social Media and Marketing Manager	Communications and Outreach
Communications and Outreach Coordinator	Coordinate with youth, faith-based
Community Organizer	Organize recycling activities and recy
I. Total Salary and Wages	
II. Total Fringe Costs	
Travel	
III. Total Travel	
Equipment	
IV. Total Equipment	Miscelaneous equipment such as the p
Supplies	
Printing of Educational Materials	To provide easily assessible recyclin
Outreach and Marketing Costs	This will cover costs into promote soc
Other Supplies	All necessary other supplies will be b
V. Total Supplies	
Contractual	
IT Support	Due to the online resources that will
VI. Total Contractual	
Other	
Participant Stipend (50 X $1000)	CAF will incentivize Promotoras for t
Faith Based Organization Stipend (20)	Faith based organizations will help wi

recomendations
nator
organizations, and
ycling and composting

purchase of laptops,

g information CAF
cial media, flyers,
be added here such as

be used, CAF will

their time and effort
ith outreach,



Narrative Proposal for EJCPS Program
EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

Track 1

Program Objectives 1.0

Title: Developing a National Model Environmental Community Operative Promotora (ECO Promotoras) for multi-generational, culturally competent environmental health workers to bridge the gap between Hispanics and Environmental Health

Project Location: Washington Metropolitan Area

Centro de Apoyo Familiar (CAF) is a 501(C)3 organization based in 6801 Kenilworth Ave, Suite 110, Riverdale, MD 20737. Walkiria Pool is the president and main contact. Mrs. Pool is best contacted through email; wpool@mycaf.org. CAF is not applying to the Small CBO Set Aside Track.

CAF's mission is to transform communities through economic and educational empowerment in collaboration with community and faith-based organizations. Currently, CAF is involved in empowering the Hispanic community to have meaningful engagements with environmental health and justice initiatives through partnerships environmental justice coalitions, and funding from our partners. CAF is cochair of the Mid Atlantic Justice Coalition, a local coalition looking to remediate environmental injustices and funding from the Equity Fund is helping CAF reach Hispanic families with climate change awareness and education.

Abstract: Centro de Apoyo Familiar is a Hispanic-Serving Institution and through the EJCPS grant will form a comprehensive and holistic train-the-trainer curriculum to develop environmental health Promotoras- Environmental Community Operative (ECO) Promotoras. CAF will draw from its over 10 years of working the train-the-trainer model on EPA environmental health grants to develop a comprehensive training curriculum which will empower these ECO-Promotoras to work with their communities- the Hispanic Community and other underserved and disadvantaged communities- to mitigate disproportionate and adverse environmental health outcomes, and organize community efforts to increase participation in environmental justice issues within communities and local governments.



Narrative Proposal for EJCPS Program
EPA-R-OEJECR-OCS-23-01

Project Type: Training and Public Education

Special Considerations: Climate Change

Environmental Issue: Environmental Health and Environmental Justice Education

Project Partners: University of Maryland, Johns-Hopkins University, CAF Connector's Network

CAF will not develop a QAPP for this project.

B. Environmental and Public Health Information of the Underserved Community

CAF serves with multiple generations of Hispanic Families, which in Maryland and Virginia are a vulnerable population overburdened with numerous negative health outcomes, including chronic diseases and cultural and socioeconomic factors which are complex determinants of health. Through the **ECO Promotora** program, CAF will use its highly successful Promotora model used in conjunction with the CAF Connector's Network (CCN) to empower diverse Hispanic communities on topics such as Indoor Air and Water Quality, Healthy Homes, and environmental justice (including climate change justice). CAF works with the CCN, a network of faith-based and community organizations that help CAF effectively reach communities that are notoriously hard to work with because of mistrust in institutions, multiple preferred languages, and other cultural barriers and challenges.

Through the Promotora model, replicated in over 5 EPA grants (SEE PAST PERFORMANCE), CAF has been able to successfully empower underserved and hard-to-reach communities through transformational information, shift behaviors for improved health outcomes, and unite communities over common issues including but not limited to recycling practices, energy conservation, use of chemicals in the home, and identification and removal of health hazards in the home, to only name a few. Through the **ECO Promotora** program, CAF will concatenate and solidify its many train-the-trainer modules into one, to form a comprehensive and impactful program for environmental health workers to serve their communities as citizen scientists.

There are multiple environmental justice issues within the Hispanic community which are reflected in environmental health outcomes. On average, Hispanic families tend to be lower income[1] which also translates into worse health outcomes and increased environmental exposures. It is estimated that about 80% of Hispanics do not live in housing that meets EPA clean air quality standards[2], resulting in higher rates of respiratory diseases compared to other demographic groups. Despite these issues, with the proper information, many of the risks associated with environmental justice and structural level factors including those afflicting low-income communities and those

with poor housing options can be mitigated through awareness and changes in behavior. CAF empowers Promotoras in these communities to identify environmental health and justice issues in their communities, and to subsequently empower other members of the community with the same information and resources available. This in turn creates longstanding environmental knowledge reserves through this train-the-trainer approach. This approach is sustainable and has dimensional effects, crossing language barriers, generations, and transcends socioeconomic determinants of health. To this day, the information used in earlier EPA-funded CAF projects still circulates in the community long after the program is no longer being funded. This is because the information is retained through the community and community members can rely on CAF as a trusted and respected resource. Through the intentional training of environmental health workers, CAF will empower families to improve public health through the **ECO Promotora** holistic approach.

Through a community assessment completed in 2022, CAF found that low air quality, a reduction of greenspaces, and environmental pollution in Hispanic neighborhoods were all very concerning issues for local Hispanic Families, and through the **ECO Promotora** program, Promotoras will not only learn about the identification and causes of these issues, but also practical steps they can take at the individual, local, and governmental levels to effect change. The **ECO Promotora** program will conduct successful–outreach and educational activities that will result in better outcomes, improved public health, and train multi-generational Promotoras in a bilingual and culturally appropriate setting, so that all information is accessible and applicable.

C. **Organization's connection to the Underserved Community:**
CAF has over 15 years in working with, for, and developing programs for the multi-cultural, multi-lingual, and multi-generational Hispanic community. The Hispanic community is diverse due to the complex generational changes and migration histories. Parents who immigrate to the United States integrate into the American culture, but their children are born into it forming two very different experiences, which require different outreach strategies not limited to the language which is used, but also the most effective media for outreach, and how information is shared and retained[3].

CAF has worked with the Hispanic community through many EPA-funded train-the-trainer projects, research studies, youth summer programs, and community outreach events to address local environmental and public health issues, including the high prevalence of heavy metals, high rates of childhood asthma, indoor air pollution, water pollution, recycling education, and other projects. Many disproportionate health outcomes that burden Hispanic and other communities of color have been successfully mitigated through these programs.

This results in communities which although united, have to be approached from different angles including different languages, reading levels, technological

adroitness, and audience outreach. CAF has straddled these differences through many EPA funded program, and will continue to serve the historically hard to reach Hispanic community. Many of the gains CAF has been able to make with the Hispanic community is through a understanding of where best to approach Hispanic community members- largely through faith-based organizations.

The outreach and impact CAF is able to have in the Hispanic community is through a compound effort by CAF's culturally competent and highly knowledgeable staff, and the connection we have with the community through the CCN. The CCN is CAF's Connectors Network of over 400 faith-based and community organizations that strive to serve their communities and combat obstacles that disproportionately affect marginalized communities. Faith-based and small local organizations are pillars of support for the Hispanic community as a whole, regardless of religious affiliations. Often times these organizations serve vulnerable community members through food and clothing drives, back to school fairs and resources, and in more recent years, vaccination drives. CAF leverages the helpful spirit these organizations foster to bring even more resources to communities including environmental health workshops, train-the-trainer programs, and other indispensable programs. Working with the CCN is a two-way street where they identify community needs and CAF supplies programs and resources to help these communities overcome challenges. Discussions about the effectiveness of programs, recurrent community needs, and novel issues are ongoing and exist beyond the duration of a program ensuring a successful and impactful relationship with the community in need and fostering strong bonds with the impacted communities.

When a community issue is identified, such as higher rates of respiratory diseases in Hispanic families, CAF works with community members to identify the factors which have caused the issue and with experts in that field to create an easy to understand training module complete with printed and virtual resources. In the City of Lawrence, MA, one of the biggest issues that this community faces includes elevated rates of asthma. Through the Healthy Homes Program, CAF created a training module that included a home assessment to identify and remediate factors inside of the home which were likely contributing to the development and/or exacerbation of these respiratory diseases which were not limited to asbestos, using harsh chemicals in non-ventilated areas, and other life-style choices. Promotoras, who are very much part of the communities they are empowering, report back the success they have had in distributing and teaching the information, the challenges they have had, and questions that surfaced during these workshops. CAF incorporates this feedback continuously into its programs to improve educational materials that are effective. For years, CAF has incorporated part 1 of the EJCPS model to identify issues and set forth a plan to remediate these issues with community members. CAF helps to empower community members to lead initiatives and helps to build capacity through Promotoras, an approach which encompasses part 2 of the EJCPS model. CAF also incorporates part

7 of the EJCPS model, in evaluating these programs with community members to push forward, into other programs, the most effective aspects of the program.

This very successful program reached hundreds of participants, and many community members reported behavioral changes, knowledge gains, and most importantly, better respiratory health. This program was successful because of the easy to read, English and Spanish low-literacy materials generated for this program, the broad distribution potential Promotoras have within their communities, the support of local faith-based organizations to provide venues and access to community members, and the professional and financial support of the local EPA.

This program is one of CAF's many programs that positively impact Hispanic health outcomes, and effect change that move Hispanics to engage more with environmental health and justice initiatives in their communities. CAF has piloted and deployed other programs in air quality, water quality, healthy homes, and other topics which have had profound generational impacts within the Hispanic community.

D. **EJCPS Model:**

CAF's model closely follows key aspects of the EJCPS Model. We are deeply motivated in educating the Hispanic community about environmental health and healthy homes. CAF has worked with the Hispanic community for over 15 years, and through our experience and surveying we have found that environmental health ranked very low when it came to issues identified in these communities. However, overall health, poor air quality, greenspace removal, and other topics, which ***are*** in fact environmental health issues were ranked very highly as major problems faced by these communities. CAF works to help these families and communities correctly identify issues and set strategic goals (part 1 of the model) to mitigate these issues.

CAF works with multi-generation Promotoras, empowered through the train-the-trainer model across generations to not only train adults, but also young adults, and even teenagers to become community trainers and advocates for behavioral changes to improve public health and increase community and individual level awareness of environmental health and environmental justice. In fact, Promotoras and participants have reported that once they see the connection, they change their behaviors. They report less asthma exacerbations, fewer headaches, conserve more energy, and properly dispose of chemicals and pharmaceutical products, to name a few of the positive outcomes from these trainings.

Through this proposal, CAF seeks to strengthen its utilization of part 4 of the EJCPS model. Part 4 of the EJCPS model includes multi-stakeholder partnership and leverages other resources. Material from our prior successful programs which includes educational materials on environmental health and justice, climate change, air and water quality, healthy homes, and heavy metal toxicity, among other topics

will be integrated to develop a comprehensive curriculum and be used to train environmental health workers with our innovative curriculum in the State of Maryland, Virginia, and D.C. Promotoras will receive a certificate for completing the training and reaching their outreach goals. CAF will leverage connections with the State Government, local universities, including UMD's Sacoby Wilson, and other field experts to solidify this training curriculum with expert environmental health and justice researchers and leaders.

E. **Project Linkages:**
Central to the **ECO Promotora** program is taking decisive actions to advance environmental justice and civil rights in a program designed to be scaleable to vulnerable and hard-to- reach communities. Through the **ECO Promotora** program, members of these communities will be empowered to become leaders within their communities to increase their community's awareness of the environment, how it impacts their lives and health, and advance environmental justice goals within robust existing and organized community structures. The Promotora model empowers and trains leaders within the target community, so that the educational empowerment these communities receive is pertinent to them, important to them, and tailors to their level of understanding and need.

By engaging with state government leaders to certify the environmental health worker training, CAF will successfully address Objective 2.2, to promote Environmental Justice and Civil Rights at the Federal, Tribal, State, and Local Levels. The ECO Promotora program will engage these communities to become aware of how their environment affects their health, take individual action based on their resources when appropriate, and create the structures and provide support to organize communities for collective action by engaging with their larger community, communicating and working with local government, and collaborating within networks of EJ groups.

This program will increase engagement with communities that are less likely to interact with EJ issues by making environmental justice issues identifiable and actionable. Many members of these communities are injured and disadvantaged by EJ issues, but cannot identify them as EJ issues, when in fact properly diagnosing an issue can lead to 'treatment' strategies to solve these issues. In community surveys CAF has conducted, one of the top issues identified is the amount of trash pollution in their neighborhoods lowering quality of life. Waste may seem as an insignificant issue in the grand scheme of things, but it has profound consequences on health. Families with children as well as individuals are less likely to want to interact with public spaces if they are dirty and polluted, leading to lifestyles where going to a park and gleaning the health benefits from doing so are less likely. Active utilization of parks increases physical and emotional health, and promotes environmental education and interpersonal contact, all profound health impacts for both young and old community members[4]. Communities have a lot to gain from usable parks, but internal leadership within these communities is needed to create ownership and initiatives of public

spaces. The ECO Promotora program would engage issues through the training of Promotoras on this subject among other extremely important topics, and leverage our current structures of faith-based organizations and community members to empower more community members and tailor an action strategy to the location, the people, and the issue.

Promotoras are not just community educators, but agents of change to address issues that are difficult to fix from the outside. Many initiatives created by organizations outside of communities fail or perform meagerly, because they do not engage with community members correctly and are not aware of the motivators and challenges that these communities face. The Promotora model overcomes these issues entirely, while increasing community power and leadership around EJ issues. Promotoras are also community scientists who receive training and ensure that the latest information circulates and reaches their communities.

F. **Partner and Collaborate:**

This program will rely on the collaboration of Washington Metro Area community faith-based organizations that form part of CAF connectors' network program. Through CAF Connectors program, a network of churches that work in collaboration with CAF, we have developed a successful replicable model that reaches every neighborhood across the city and among people that have not benefited from many of the services available to them. CAF has utilized this model in previous projects because it presents an opportunity to extend outreach deep into the community to engage people that are the hardest to reach and the most underserved. The churches serve an important role in the lives of Latino residents because they are safe and familiar spaces where people of the same culture gather, and they are staffed by people with a shared history and lived experiences who are able to effectively offer information, guidance, and support. The churches serve as quasi social service agencies and they build on the greatest strength of the Latino community, which is a spirit of mutual support for each other and for those with the greatest need. Working in this environment, we plan to engage and utilize the talents of Latino individuals in the churches and build their skills in communicating environmental health messages in new and innovative ways. To this end, CAF will also work with academic collaborators, including Dr. Lesliam Quiros-Alcala from Johns Hopkins University. Dr. Quiros-Alcala is a bilingual, culturally competent, environmental health scientist with over 15 years of experience (and 9 years of collaboration with CAF on Environmental Health and Justice projects) in research dissemination and teaching/mentoring in higher education in English and Spanish and has ample experience in science communication among a wide array of audiences including underserved Black and Brown communities. By combining the expertise of outreach of faith-based organizations with the technical expertise of researchers, CAF will translate research recommendations into action in Hispanic and low-income homes through the train-the-trainer model. CAF will also partner with Dr. Sacoby Wilson

from the University of Maryland to provide capacity building support to pass onto Promotoras. This partnership will help develop citizen scientists within the Hispanic community, and bring them closer to research initiatives which are specifically for the benefit of historically marginalized communities. These collaborations are long-standing and CAF has worked with these collaborators in the past and will continue these collaborations into the future to help empower disadvantaged communities on other projects.

The faith-based organizations will be responsible for recruiting participants, providing venues for outreach and public education, and other outreach related tasks while CAF's research partner, Dr. Quiros-Alcala will help update curriculum and also provide workshops for training-the-trainer activities. An added benefit of having Dr. Quiros-Alcala be a part of our team is that youth in our communities will have a role model, as her participation will help increase and diversify the pool of individuals pursuing careers in environmental and public health to address pressing issues in these communities. The lived experiences of youth pursuing careers in the field will help expand ongoing efforts to improve the environment and health in these underserved communities. Dr. Quiros-Alcala also has ample experience working in immigrant and underserved communities and has worked with many vulnerable populations, including communities that are of color/low-income, children, pregnant women and women of reproductive age, and vulnerable worker populations often overburdened with both chemical and non-chemical stressors. Dr. Wilson from the University of Maryland will help integrate citizen science training into CAF's ECO Promotora training. CAF will provide financial support to the faith-based organizations and our research collaborator Dr. Lesliam Quiros-Alcala.

2.0 Program Objectives

a. Project Activities

I. Compile environmental health worker curriculum on essential topics related to environmental health and environmental justice in collaboration with local environmental health and justice professionals.
   a) Air Pollution
   b) Water Pollution
   c) Indoor Air Pollution
   d) Respiratory Issue Prevention
   e) Children's Environmental Health
   f) Physical activity
   g) Identification and strategies to avoid Chemicals Indoors
   h) At Work Environmental Risks for Vulnerable Communities
   i) Recycling/ Composting
   j) Environmental advocacy and Organizing

II. Create digital and printed copies of the curriculum
   a) Promotoras will be able to use this material to provide trainings

III. Teach the curriculum to 50 Promotoras with an emphasis on bilingual education, citizen science, and youth
IV. Promotoras will meet with community members to identify the needs of the community and then set up workshops with the resources CAF provides.
    a) Each promotora will have an outreach of 50 community members each
V. Evaluate the success of the curriculum and the methodology used to teach Promotoras and community
VI. Continue training and adding to the curriculum

b. Milestone Schedule

Timeline	2023-2024											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep
Logistics and Curriculum Compilation												
Recruitment of Environmental Health Worker: First Cohort												
Training Promotoras with Environmental Health Workers + Certification												
Community outreach by Environmental Health workers												
Evaluation and Debrief of the Program												

Timeline	2024-2025											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep
Update Curriculum based on evaluation and debriefing from program implementation												
Recruitment of Environmental Health Worker: Next Cohort												
Training Promotoras with Environmental Health Workers + Certification												
Community outreach by Environmental Health workers												
Evaluation and Debrief of the Program												

Timeline	2025-2026											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep
Evaluation and Debrief of the Program												
Final Report Generation												

*CAF will comply with all reporting requirements

c. **Itemized budget sheet/ Budget Narrative** (SEE ATTACHMENTS FOR DETAILED BUDGET NARRATIVE- SHEET 2 OF ATTACHED BUDGET)

3.0 Environmental Results

a. Logic Model (SEE ATTACHMENTS)

b. Performance Measurement Plan (SEE ATTACHMENTS)

c. Sustainability Plan and Community Vision

The ECO-promoter program is designed to be sustainable and easily replicable to have profound impacts in the Hispanic community. The resources created by this project will be able to be used long past the time scope of this project and the curriculum will be used to train new promoters during and after project time-frame. The ECO-promoter program will have long-term positive implications in the health impacts of disadvantaged families, develop leadership capabilities of community

environmental health workers with lived experience and intimate connections to front-line communities, serve as a first-introduction and pipeline to STEM and future environmental health and justice work by investing in the empowerment and practical environmental advocacy and action skills in youth. CAF will track the attitudes and perceived importance of environmental health and advocacy in participants (ECO-Promoters) to quantify the progress and perceived importance placed on the environment, climate, and necessity for behavioral changes and organizing. CAF's environmental health curriculum will be holistic by working directly with communities to increase quality of life in the immediate present, but also prepare the Hispanic community to advocacy to environmental health and justice decisions in their local communities. This forward thinking approach will have profound impacts on communities now and also in the future.

4.0 Programmatic Capability

a. Organizational Experience

Over the last eleven years, CAF has been providing environmental education and awareness to low income minority families with children younger than 19 years old. Below is a list of EPA funded projects conducted in the last three years. CAF has complied with all federal reporting requirements for all projects, filed progress reports, final reports on outputs and outcomes, and final technical reports on time and complied with all post award evaluation protocols. CAF has longstanding relationships working with the EPA and specialized staff and expert connections to successfully complete the terms of EPA grants and positively affect communities through EPA funded opportunities.

b. Staff Experience and Qualifications of Project Manager (PM) (SEE ATTACHMENTS FOR RESUME OF PM)

Damaris Frias-Batista will be the project manager of the proposed project and she will oversee the project as a whole. She is the Chief Operating Officer and Co-founder of *Centro de Apoyo Familiar* (CAF). Ms. Frias brings years of experience in the area of managing and coordinating EPA funded projects as well as other community projects by recruiting churches, training and supervising Promotoras as well as collecting organizing and developing information, data, reports and evaluations for the projects. Mrs. Frias is a Dominican Born Hispanic, who has lived experience living a predominantly Hispanic Community and has served her community through environmental heath education for over 5 EPA funded programs. She has been the Program director of EPA healthy community funded program, Healthy Families: Healthy Homes and sub-director and coordinator of the EPA funded projects *Casas Sanas Niños Sanos – Healthy Homes Healthy Children, the Latino Youth Lead Environmental Awareness and Action* an Environmental Justice project, *the Lawrence Healthy Childcare Network,* some of those projects conducted in collaboration with the JSI Research & Training Institute, Inc. Mrs. Frias holds a BA in Psychology from University of Massachusetts at Boston and a M.A. in Mental Health with an specialty in children, youths and families from Southern New Hampshire University. Mrs. Frias

lead on one of the EPA sub-groups for MAVD in the city of Lawrence, MA and also forms part of the Massachusetts Governer's Advisory Council on Latino Empowerment, a position set to expire in 2027.

c. Expenditure of Awarded Grant Funds

CAF has a centralized Accounting Department that supports project and corporate activities through management of CAF's finances and cash (both payables and receivables). CAF treats financial management as a priority for project accountability with professional accounting staff that tracks expenditures by project, category, and function. CAF has received several state and federal grants including EPA grants and Cooperative Agreements in the last 8 years managed by CAF Financial Director and our accountant staff whom has successfully completed all reports and project deliverables on schedule and on time.

5.0 Past Performance

a. Organizational Experience

Over the last eleven years, CAF has been providing environmental education and awareness to low income minority families with children younger than 19 years old. Below is a list of EPA funded projects conducted in the last three years. CAF has complied with all federal reporting requirements for all projects, filed progress reports, final reports on outputs and outcomes, and final technical reports on time and complied with all post award evaluation protocols. Recent projects in the past three years are listed below.

I. Grant Agreement # HC - 00A00680-0; 10/1/2020 – 9/30/2021; *Healthy Families: Healthy Homes Project*; $35,000; EPA Healthy Communities grant program; Project Officer Eugene Benoit; Final Report submitted on time.
I. Grant Agreement # HC - 00A00525: 10/01/2019 – 09/30/2020; Healthy Families: Healthy homes; $25,000; EPA Healthy Communities grant program; Project Officer Eugene Benoit; Final report Submitted on time.
I. Grant Agreement # EQ – 96368001; 11/18/2019 – 11/17/2020; *Healthy Families: Homes Homes*; $30,000; EPA Environmental Justice; Project Officer Anita Provenzo; Final Report submitted on time documenting outputs and outcomes.

CAF was able to successfully complete and manage these agreements and meet the reporting requirements under those agreements in a thorough and timely manner. CAF also submitted timely and acceptable final technical reports under the agreements. These grants build upon on the experience, community connections, and trust garnered within communities and community leaders to comprehensibly address needs such as air and water quality, environmental toxins, and cultural practices in the home which affect health outcomes.

References:

1) Bureau, US Census. "Half of People of Dominican and Salvadoran Origin Experienced Material Hardship in 2020." Census.Gov, https://www.census.gov/library/stories/2022/09/hardships-wealth-disparities-across-hispanic-groups.html. Accessed 14 Feb. 2023.

2) Hispanic Environmental Health: Ambient and Indoor Air Pollution - , NATIONAL COALITION OF HISPANIC HEALTH AND HUMAN SERVICES ORGANIZATIONS (COSSMHO), NATIONAL COALITION OF HISPANIC HEALTH AND HUMAN SERVICES ORGANIZATIONS (COSSMHO), 1996. https://journals.sagepub.com/doi/10.1016/S0194-59989670179-1?url_ver=Z39.88-2003&rfr_id=ori:rid:crossref.org&rfr_dat=cr_pub%20%200pubmed. Accessed 25 Feb. 2023.

3) Pintado, Amanda Pérez. "'It Makes You Question Your Identity': What It Means for Latinos to Lose Spanish Fluency." USA TODAY, https://www.usatoday.com/story/news/nation/2022/10/06/latino-americans-lose-spanish-fluency/10451602002/. Accessed 14 Feb. 2023.

4) Van Doesum, Niels J., et al. "Aesthetics and Logistics in Urban Parks; Can Moving Waste Receptacles to Park Exits Decrease Littering?" Journal of Environmental Psychology, vol. 77, Oct. 2021, p. 101669. ScienceDirect, https://doi.org/10.1016/j.jenvp.2021.101669.

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-501-c 3-3 letter.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. ECO Promotoras		$ 500,000.00	$	$	$	$ 500,000.00
2.						
3.						
4.						
5. Totals		$ 500,000.00	$	$	$	$ 500,000.00

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Prescribed by OMB (Circular A -102) Page 1

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) ECO Promotoras	(2)	(3)	(4)	Total (5)
a. Personnel	$ 314,250.00	$	$	$	$ 314,250.00
b. Fringe Benefits	65,992.50				65,992.50
c. Travel	0.00				0.00
d. Equipment	2,000.00				2,000.00
e. Supplies	5,670.00				5,670.00
f. Contractual	3,500.00				3,500.00
g. Construction	0.00				0.00
h. Other	70,000.00				70,000.00
i. Total Direct Charges (sum of 6a-6h)	461,412.50				$ 461,412.50
j. Indirect Charges	38,587.50				$ 38,587.50
k. TOTALS (sum of 6i and 6j)	$ 500,000.00	$	$	$	$ 500,000.00
7. Program Income	$	$	$	$	$

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Prescribed by OMB (Circular A -102) Page 1A

SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. ECO Promotoras	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$	$	$	$	$
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$	$	$	$	$

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. ECO Promotoras	$ 179,048.03	$ 178,003.03	$ 142,948.94	$ 0.00
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 179,048.03	$ 178,003.03	$ 142,948.94	$ 0.00

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: 461412.5

22. Indirect Charges: 38587.50

23. Remarks:

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-Narrative_EJCPS.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

Logic Model for EJCPS Program

Resources	Activities	Outputs	Audience	Short- term Outcomes	Intermediate Outcomes	Long-term outcomes
-Program staff and experience developing environmental health promoter curriculum -Community Education and logistics - 50 promotoras -Community stakeholders including 400 faith-based organizations in out CCN network -Data Management software	● Recruiting promoters ● Develop curriculum from existing and successful environmental health curriculum with inputs from university partners ● Develop leadership skills in promotoras ● Pilot the model and implement it through the train-the-trainer program	● Recruitment of promoters through faith- based partners ● Train the trainer environmental health workshops ● Curriculum and outreach materials	● Hispanic (Spanish Speaking) ● Low-income minority communities	I. Knowledge gains and behavioral changes in the following areas a) Bettering indoor air quality as per the pre and post indoor air quality assessments b) Use and storage of harsh chemicals in the home as indicated by the pre and post indoor air quality assessment c) Consequences of exposure to heavy metals and mitigation strategies as indicated by the pre and post Other Household Toxins assessment	I. Workshop members will work as a group to identify environmental risks that their community is facing II. Propose strategies to overcome these issues as a community	I. Reduction in Negative Health Outcomes II. More engagement with environmental health and justice initiatives in the Hispanic community



Logic Model for EJCPS Program

AUTHORIZED STAFFING PLAN

Staffing Plan - Budget			
Name	Hourly Rate	Number of Hours	Year 1
Walkiria Pool - CEO	$50	250.00	$4,125.00
Damaris Frias - COO	$48	300.00	$4,752.00
CFO	$45	300.00	$4,455.00
Fancir Alcala - Project Director	$40	2000.00	$26,400.00
Project Manager	$37	3000.00	$36,630.00
Research Analyst	$36	700.00	$8,316.00
Administrative Assistant	$20	450.00	$2,970.00
Accounting Manager	$30	195.00	$1,930.50
Communication and Marketing Manager	$32	400.00	$4,224.00
Community Organizer	$20	1500.00	$9,900.00
I. Total Salary and Wages			**$103,702.50**
II. Total Fringe Costs		**21%**	**$21,777.53**
Travel			Year 1
III. Total Travel			
Equipment			Year 1
			$1,000.00
IV. Total Equipment			**$1,000.00**
Supplies			Year 1
Printing of Educational Materials			$1,500.00
Outreach and Marketting Costs			$1,200.00
Other Supplies			$500.00
V. Total Supplies			**$3,200.00**
Contractual			Year 1
IT Support			$1,500.00
VI. Total Contractual			**$1,500.00**
Other			Year 1
50 Stipend			$25,000.00
Faith Based Organization Stipend (20 participating groups)			$10,000.00
VII. Total Other			**$35,000.00**
Total Direct			$166,180.03
Total Indirect (10% de-minimus)			$12,868.00
Total			**$179,048.03**

Year 2	Year 3	Total	
$4,125.00	$4,250.00	$12,500.00	$12,500.00
$4,752.00	$4,896.00	$14,400.00	$14,400.00
$4,455.00	$4,590.00	$13,500.00	$13,500.00
$26,400.00	$27,200.00	$80,000.00	$80,000.00
$36,630.00	$37,740.00	$111,000.00	$111,000.00
$8,316.00	$8,568.00	$25,200.00	$25,200.00
$2,970.00	$3,060.00	$9,000.00	$9,000.00
$1,930.50	$1,989.00	$5,850.00	$5,850.00
$4,224.00	$4,352.00	$12,800.00	$12,800.00
$9,900.00	$10,200.00	$30,000.00	$30,000.00
$103,702.50	**$106,845.00**	**$314,250.00**	
$21,777.53	**$22,437.45**	**$65,992.50**	
Year 2	Year 3	Total	
		$0.00	
Year 2	Year 3	Total	
$1,000.00	$0.00	$2,000.00	
$1,000.00	**$0.00**	**$2,000.00**	
Year 2	Year 3	Total	
$1,000.00	$220.00	$2,720.00	
$1,000.00	$0.00	$2,200.00	
$250.00	$0.00	$750.00	
$2,250.00	**$220.00**	**$5,670.00**	
Year 2	Year 3	Total	
$1,500.00	$500.00		
$1,500.00	**$500.00**	**$3,500.00**	
Year 2	Year 3	Total	
$25,000.00	$0.00	$50,000.00	
$10,000.00	$0.00	$20,000.00	
$35,000.00	**$0.00**	**$70,000.00**	
$165,230.03	$130,002.45	$461,412.50	
$12,773.00	$12,946.49	$38,587.50	
$178,003.03	**$142,948.94**	**$500,000.00**	

AUTHORIZED STAFFING PLAN FOR EPA-I-OLEM-ORCR-23-02

Staffing Plan - Budget	
Name	Responsibility
Walkiria Pool - CEO	Oversees all grant functions
Damaris Frias - COO	Oversees all program operations
CFO	Financial Compliance and Accounting
Fancir Alcala - Project Director	Program management
Project Manager	Manage program activities
Research and Analyst	Analyze data collected and make data r
Administrative Assistant	Assist the program manager and coordir
Accounting Manager	Financial assistant + payroll
Social Media and Marketing Manager	Communications and Outreach
Communications and Outreach Coordinator	Coordinate with youth, faith-based
Community Organizer	Organize recycling activities and recy
I. Total Salary and Wages	
II. Total Fringe Costs	
Travel	
III. Total Travel	
Equipment	
IV. Total Equipment	Miscelaneous equipment such as the p
Supplies	
Printing of Educational Materials	To provide easily assessible recyclin
Outreach and Marketing Costs	This will cover costs into promote soc
Other Supplies	All necessary other supplies will be b
V. Total Supplies	
Contractual	
IT Support	Due to the online resources that will
VI. Total Contractual	
Other	
Participant Stipend (50 X $1000)	CAF will incentivize Promotoras for t
Faith Based Organization Stipend (20)	Faith based organizations will help wi

recomendations
nator
organizations, and
ycling and composting

purchase of laptops,

g information CAF
cial media, flyers,
be added here such as

be used, CAF will

their time and effort
ith outreach,

JOHNS HOPKINS
BLOOMBERG SCHOOL
of PUBLIC HEALTH

Johns Hopkins Bloomberg School of Public Health
615 N. Wolfe Street
Baltimore, Maryland 21205

April 11, 2023

Mr. Jacob Burney
Office of Environmental Justice & External Civil Rights
Environmental Protection Agency
Washington, D.C.

Re: Letter of Commitment

Dear Mr. Burney,

My name is Dr. Lesliam Quirós-Alcalá, and I am as Assistant Professor in the Department of Environmental Health and Engineering at the John Hopkins University Bloomberg School of Public Health. This letter serves to express my commitment to the Collaborative Problem Solving proposal entitled, "Developing a National Model for the training of Environmental Community Operative Promoters (ECO-promoters) for multi-generational, culturally competent, environmental health workers to bridge the gap between Hispanics and Environmental Health" being submitted by the Centro de Apoyo Familiar (CAF).

I am an Environmental Health Scientist and Exposure Scientist by training and have over 15 years of research and community engagement experience working with vulnerable and underserved, low-income communities of color. This includes working with immigrant families, farmworkers, salon workers, women of reproductive age or who are pregnant, and children. I am fully bilingual and have ample experience providing training and workshops in both English and Spanish on many topics in the field of environmental health and environmental justice. For example, as part of my prior collaborations with the Children's Environmental Health Network and Icahn School of Medicine at Mount Sinai, I led workshops in English and Spanish to caregivers in both California and Puerto Rico covering a breadth of topics in environmental health. I also teach a vulnerable worker populations course at Johns Hopkins University that is taken by public health professionals, including physicians, nurses, and health insurance providers and have developed course material in environmental health and environmental justice with a focus on vulnerable populations. I have also worked closely with CAF since 2016 on field research related to vulnerable populations.

In the last twenty years CAF has recruited and trained >200 Hispanic and Black "promotoras" (community health workers) from the more than 400 faith-based communities with whom they have active and vibrant relationships. The ECO-promotoras program that CAF is proposing will build on the solid success it has already had in developing culturally competent, multi-generational "promotoras". With offices in Prince Georges' County, Maryland, Washington, DC, Arlington, Virginia, Lawrence, and Massachusetts CAF is truly capable of developing, beta testing and "rolling-out" a bilingual national program like the one described in this proposal.

As part of this continued collaboration with CAF, I am committed to contributing to the ECO-promoters' training curriculum throughout the three years of grant funding by offering them the following workshops/ trainings:

1. **Intro to Environmental Justice –** Future ECO-promotoras will learn how to define environmental justice, trace the history of environmental justice and examine how it interconnects with other social and environmental issues.
2. **Climate Justice & Climate Science** – Future ECO-promoters will learn about the basics of climate science, how to define climate justice while understanding the use of climate justice

3. to examine the disproportionate impacts of climate change and discover how Marylanders are and will be impacted by climate change.
4. **Environmental Health Impacts-** Future ECO- promotoras will learn how to define environmental health and explore environmental health basics and analyze disproportionate environmental health impacts in Maryland.
5. **Mapping Tools -** Future ECO-promotoras will learn how mapping tools are created and their relevant uses, learn the basic tools and operations of MD EJSCREEN and EPA EJScreen and learn how to use the mapping tools to examine a climate justice issue where they live in Maryland.
6. **Community Capacity-Building and Advocacy -** Future ECO-promotoras will learn about stakeholder engagement, the best practices for building partnerships and how to incorporate strategies for organizing and mobilizing the public.
7. **Community Science & Conducting Community-led Climate Change Inquiry -** Future ECO-promotoras will learn how to define Community Science & Citizen Science and learn how to explore a variety of different community science tools such as Hyper-local air quality monitoring, Photovoice and Block Assessments.
8. **Green & Natural Infrastructure** - Future ECO- promotoras will learn about salutogenic features and strategies to mitigate extreme heat, flooding, & pollution, and use mapping and community science tools, such as photovoice & park equity mapper, to find gaps in access to green and natural infrastructure.
9. **Climate Change Adaptation Approaches / Climate Disaster Risk Reduction Strategies** - Future ECO- promotoras will learn how to site, plan, maintain, & evaluate mitigation approaches, like green/blue roofs, green/blue walls, food forests, rain gardens, tree plantings, stormwater BMPs, etc.

I want to note that Johns Hopkins was recently awarded a Community Health Engagement Core Center grant from the National Institute of Environmental Health Sciences. The Center will lead an effort to build capacity in community-engaged research aimed at understanding the mechanistic links between environmental exposures and adverse health outcomes and translate these findings into action to improve the health of vulnerable individuals in communities across the greater Maryland region. The project will build partnerships between communities in the region – Baltimore, Washington, D.C., and some areas of Pennsylvania – to address their environmental concerns. The Center will provide training, support, and access to environmental health experts to facilitate the creation of lasting community-investigator partnerships aimed at tackling the pressing environmental concerns of our communities. I am a Co-Investigator in this Center and responsible for overseeing topics related to environmental exposures. CAF is also an existing partner for the Center. This collaboration with the Center will be leveraged to further expand the efforts being proposed.

Finally, I will work with CAF leadership to develop the curriculum and provide workshops for training-the-trainer activities for the program they are proposing that aims to become certified by the state of Maryland. I will also provide support and guidance for data analysis for this project, while making sure goals and outcomes are being met. I am certain that the proposal that CAF is leading will be transformative at the regional, state, and national level. The proposed program can easily be expanded to encompass not only Hispanic communities, but all types of communities everywhere throughout the nation, reaching wider audiences. In summary, I am committed to the success of this project and fully support this proposal.

Sincerely,



Lesliam Quirós-Alcalá, PhD, MSc
Department of Environmental Health and Engineering
Johns Hopkins University, Bloomberg School of Public Health

Maryland
MD-4
MD-3
MD-5
MD-8

Virginia
VA-10
VA-11
VA-6
VA-8

Manifest for Grant Application # GRANT13860910

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 24839 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16028 bytes)

2. Form SF424A-V1.0.pdf (size 22716 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40253 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15913 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23963 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37176 bytes)

Attachments Included in Zip File (total 9):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-letter of support CRHC - Copy (1).pdf application/pdf (size 34578 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-EJCPS.xlsx application/wps-office.xlsx (size 15394 bytes)

3. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-Narrative_EJCPS.pdf application/pdf (size 947551 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-SWILSON_CAF_LOC.pdf application/pdf (size 143864 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-LogicModel.pdf application/pdf (size 102038 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-LetterofSupportTabernaculodeAdoracion.pdf application/pdf (size 164864 bytes)

7. SF424_4_0 SF424_4_0-1242-CongressionalDistricts.docx application/wps-office.docx (size 59059 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-LOC for CAF LesliamQuiros-Alcala.pdf application/pdf (size 179105 bytes)

9. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-501-c 3-3 letter.pdf application/pdf (size 158927 bytes)



Narrative Proposal for EJCPS Program
EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS)
COOPERATIVE AGREEMENT PROGRAM

Track 1

Program Objectives 1.0

Title: Developing a National Model Environmental Community Operative Promotora (ECO Promotoras) for multi-generational, culturally competent environmental health workers to bridge the gap between Hispanics and Environmental Health

Project Location: Washington Metropolitan Area

Centro de Apoyo Familiar (CAF) is a 501(C)3 organization based in 6801 Kenilworth Ave, Suite 110, Riverdale, MD 20737. Walkiria Pool is the president and main contact. Mrs. Pool is best contacted through email; wpool@mycaf.org. CAF is not applying to the Small CBO Set Aside Track.

CAF's mission is to transform communities through economic and educational empowerment in collaboration with community and faith-based organizations. Currently, CAF is involved in empowering the Hispanic community to have meaningful engagements with environmental health and justice initiatives through partnerships environmental justice coalitions, and funding from our partners. CAF is cochair of the Mid Atlantic Justice Coalition, a local coalition looking to remediate environmental injustices and funding from the Equity Fund is helping CAF reach Hispanic families with climate change awareness and education.



Narrative Proposal for EJCPS Program
EPA-R-OEJECR-OCS-23-01

Abstract: Centro de Apoyo Familiar is a Hispanic-Serving Institution and through the EJCPS grant will form a comprehensive and holistic train-the-trainer curriculum to develop environmental health Promotoras- Environmental Community Operative (ECO) Promotoras. CAF will draw from its over 10 years of working the train-the-trainer model on EPA environmental health grants to develop a comprehensive training curriculum which will empower these ECO-Promotoras to work with their communities- the Hispanic Community and other underserved and disadvantaged communities- to mitigate disproportionate and adverse environmental health outcomes, and organize community efforts to increase participation in environmental justice issues within communities and local governments.

Project Type: Training and Public Education

Special Considerations: Climate Change

Environmental Issue:Environmental Health and Environmental Justice Education

Project Partners: University of Maryland, Johns-Hopkins University, CAF Connector's Network

CAF will not develop a QAPP for this project.

B. Environmental and Public Health Information of the Underserved Community

CAF serves with multiple generations of Hispanic Families, which in Maryland and Virginia are a vulnerable population overburdened with numerous negative health outcomes, including chronic diseases and cultural and socioeconomic factors which are complex determinants of health. Through the **ECO Promotora** program, CAF will use its highly successful Promotora model used in conjunction with the CAF Connector's Network (CCN) to empower diverse Hispanic communities on topics such as Indoor Air and Water Quality, Healthy Homes, and environmental justice (including climate change justice). CAF works with the CCN, a network of faith-based and community organizations that help CAF effectively reach communities that are notoriously hard to work with because of mistrust in institutions, multiple preferred languages, and other cultural barriers and challenges.

Through the Promotora model, replicated in over 5 EPA grants (SEE PAST PERFORMANCE), CAF has been able to successfully empower underserved and

hard-to-reach communities through transformational information, shift behaviors for improved health outcomes, and unite communities over common issues including but not limited to recycling practices, energy conservation, use of chemicals in the home, and identification and removal of health hazards in the home, to only name a few. Through the **ECO Promotora** program, CAF will concatenate and solidify its many train-the-trainer modules into one, to form a comprehensive and impactful program for environmental health workers to serve their communities as citizen scientists.

There are multiple environmental justice issues within the Hispanic community which are reflected in environmental health outcomes. On average, Hispanic families tend to be lower income[1] which also translates into worse health outcomes and increased environmental exposures. It is estimated that about 80% of Hispanics do not live in housing that meets EPA clean air quality standards[2], resulting in higher rates of respiratory diseases compared to other demographic groups. Despite these issues, with the proper information, many of the risks associated with environmental justice and structural level factors including those afflicting low-income communities and those with poor housing options can be mitigated through awareness and changes in behavior. CAF empowers Promotoras in these communities to identify environmental health and justice issues in their communities, and to subsequently empower other members of the community with the same information and resources available. This in turn creates longstanding environmental knowledge reserves through this train-the-trainer approach. This approach is sustainable and has dimensional effects, crossing language barriers, generations, and transcends socioeconomic determinants of health. To this day, the information used in earlier EPA-funded CAF projects still circulates in the community long after the program is no longer being funded. This is because the information is retained through the community and community members can rely on CAF as a trusted and respected resource. Through the intentional training of environmental health workers, CAF will empower families to improve public health through the **ECO Promotora** holistic approach.

Comment[Lesliam Quiros-Alcala1](Done): Improper wording. Do not use "confrontational resource" not sure what you are trying to say, but for sure I would remove this.
Do you want to say "trustworthy and respected resource" instead?

Comment[Lesliam Quiros-Alcala2](Done): Edited ...here you don't want to say "increase health outcomes" bc it can be interpreted as more health problems. I think what you want to say is improve health so I edited.

Through a community assessment completed in 2022, CAF found that low air quality, a reduction of greenspaces, and environmental pollution in Hispanic neighborhoods were all very concerning issues for local Hispanic Families, and through the **ECO Promotora** program, Promotoras will not only learn about the identification and causes of these issues, but also practical steps they can take at the individual, local, and governmental levels to effect change. The **ECO Promotora** program will conduct successful–outreach and educational activities that will result in better outcomes, improved public health, and train multi-generational Promotoras in a

bilingual and culturally appropriate setting, so that all information is accessible and applicable.

C. **Organization's connection to the Underserved Community:**
CAF has over 15 years in working with, for, and developing programs for the multi-cultural, multi-lingual, and multi-generational Hispanic community. The Hispanic community is diverse due to the complex generational changes and migration histories. Parents who immigrate to the United States integrate into the American culture, but their children are born into it forming two very different experiences, which require different outreach strategies not limited to the language which is used, but also the most effective media for outreach, and how information is shared and retained[3].

CAF has worked with the Hispanic community through many EPA-funded train-the-trainer projects, research studies, youth summer programs, and community outreach events to address local environmental and public health issues, including the high prevalence of heavy metals, high rates of childhood asthma, indoor air pollution, water pollution, recycling education, and other projects. Many disproportionate health outcomes that burden Hispanic and other communities of color have been successfully mitigated through these programs.

This results in communities which although united, have to be approached from different angles including different languages, reading levels, technological adroitness, and audience outreach. CAF has straddled these differences through many EPA funded program, and will continue to serve the historically hard to reach Hispanic community. Many of the gains CAF has been able to make with the Hispanic community is through a understanding of where best to approach Hispanic community members- largely through faith-based organizations.

The outreach and impact CAF is able to have in the Hispanic community is through a compound effort by CAF's culturally competent and highly knowledgeable staff, and the connection we have with the community through the CCN. The CCN is CAF's Connectors Network of over 400 faith-based and community organizations that strive to serve their communities and combat obstacles that disproportionately affect marginalized communities. Faith-based and small local organizations are pillars of support for the Hispanic community as a whole, regardless of religious affiliations. Often times these organizations serve vulnerable community members through food and clothing drives, back to school fairs and resources, and in more recent years, vaccination drives. CAF leverages the helpful spirit these organizations foster to bring

even more resources to communities including environmental health workshops, train-the-trainer programs, and other indispensable programs. Working with the CCN is a two-way street where they identify community needs and CAF supplies programs and resources to help these communities overcome challenges. Discussions about the effectiveness of programs, recurrent community needs, and novel issues are ongoing and exist beyond the duration of a program ensuring a successful and impactful relationship with the community in need and fostering strong bonds with the impacted communities.

When a community issue is identified, such as higher rates of respiratory diseases in Hispanic families, CAF works with community members to identify the factors which have caused the issue and with experts in that field to create an easy to understand training module complete with printed and virtual resources. In the City of Lawrence, MA, one of the biggest issues that this community faces includes elevated rates of asthma. Through the Healthy Homes Program, CAF created a training module that included a home assessment to identify and remediate factors inside of the home which were likely contributing to the development and/or exacerbation of these respiratory diseases which were not limited to asbestos, using harsh chemicals in non-ventilated areas, and other life-style choices. Promotoras, who are very much part of the communities they are empowering, report back the success they have had in distributing and teaching the information, the challenges they have had, and questions that surfaced during these workshops. CAF incorporates this feedback continuously into its programs to improve educational materials that are effective. For years, CAF has incorporated part 1 of the EJCPS model to identify issues and set forth a plan to remediate these issues with community members. CAF helps to empower community members to lead initiatives and helps to build capacity through Promotoras, an approach which encompasses part 2 of the EJCPS model. CAF also incorporates part 7 of the EJCPS model, in evaluating these programs with community members to push forward, into other programs, the most effective aspects of the program.

Comment[Lesliam Quiros-Alcala3](Done): This does not make sense as an adjective here (the word "propagate" is incorrect). remove.

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This very successful program reached hundreds of participants, and many community members reported behavioral changes, knowledge gains, and most importantly, better respiratory health. This program was successful because of the easy to read, English and Spanish low-literacy materials generated for this program, the broad distribution potential Promotoras have within their communities, the support of local faith-based organizations to provide venues and access to community members, and the professional and financial support of the local EPA.



This program is one of CAF's many programs that positively impact Hispanic health outcomes, and effect change that move Hispanics to engage more with environmental health and justice initiatives in their communities. CAF has piloted and deployed other programs in air quality, water quality, healthy homes, and other topics which have had profound generational impacts within the Hispanic community.

D. **EJCPS Model:**

CAF's model closely follows key aspects of the EJCPS Model. We are deeply motivated in educating the Hispanic community about environmental health and healthy homes. CAF has worked with the Hispanic community for over 15 years, and through our experience and surveying we have found that environmental health ranked very low when it came to issues identified in these communities. However, overall health, poor air quality, greenspace removal, and other topics, which ***are*** in fact environmental health issues were ranked very highly as major problems faced by these communities. CAF works to help these families and communities correctly identify issues and set strategic goals (part 1 of the model) to mitigate these issues.

CAF works with multi-generation Promotoras, empowered through the train-the-trainer model across generations to not only train adults, but also young adults, and even teenagers to become community trainers and advocates for behavioral changes to improve public health and increase community and individual level awareness of environmental health and environmental justice. In fact, Promotoras and participants have reported that once they see the connection, they change their behaviors. They report less asthma exacerbations, fewer headaches, conserve more energy, and properly dispose of chemicals and pharmaceutical products, to name a few of the positive outcomes from these trainings.

Comment[Lesliam Quiros-Alcala4](Done): Again consider replacing this word with promotoras throughout the entire doc. "Promotora" is viewed more as related to the entertainment industry and use of "promotora" reinforces and highlights your target population.

Reply[Lesliam Quiros-Alcala5](Done): As I read the document, your intended goal does not come across to me when I read that word throughout the doc

Through this proposal, CAF seeks to strengthen its utilization of part 4 of the EJCPS model. Part 4 of the EJCPS model includes multi-stakeholder partnership and leverages other resources. Material from our prior successful programs which includes educational materials on environmental health and justice, climate change, air and water quality, healthy homes, and heavy metal toxicity, among other topics will be integrated to develop a comprehensive curriculum and be used to train environmental health workers with our innovative curriculum in the State of Maryland, Virginia, and D.C. Promotoras will receive a certificate for completing the training and reaching their outreach goals. CAF will leverage connections with the State Government, local universities, including UMD's Sacoby Wilson, and other

Comment[Lesliam Quiros-Alcala6](Done): This sentence is too long so your message gets lost.

Reply[Lesliam Quiros-Alcala7](Done): I edited the sentence. Make sure it is still accurate with my edits

field experts to solidify this training curriculum with expert environmental health and justice researchers and leaders.

E. **Project Linkages:**

Central to the **ECO Promotora** program is taking decisive actions to advance environmental justice and civil rights in a program designed to be scaleable to vulnerable and hard-to- reach communities. Through the **ECO Promotora** program, members of these communities will be empowered to become leaders within their communities to increase their community's awareness of the environment, how it impacts their lives and health, and advance environmental justice goals within robust existing and organized community structures. The Promotora model empowers and trains leaders within the target community, so that the educational empowerment these communities receive is pertinent to them, important to them, and tailors to their level of understanding and need.

By engaging with state government leaders to certify the environmental health worker training, CAF will successfully address Objective 2.2, to promote Environmental Justice and Civil Rights at the Federal, Tribal, State, and Local Levels. The ECO Promotora program will engage these communities to become aware of how their environment affects their health, take individual action based on their resources when appropriate, and create the structures and provide support to organize communities for collective action by engaging with their larger community, communicating and working with local government, and collaborating within networks of EJ groups.

This program will increase engagement with communities that are less likely to interact with EJ issues by making environmental justice issues identifiable and actionable. Many members of these communities are injured and disadvantaged by EJ issues, but cannot identify them as EJ issues, when in fact properly diagnosing an issue can lead to 'treatment' strategies to solve these issues. In community surveys CAF has conducted, one of the top issues identified is the amount of trash pollution in their neighborhoods lowering quality of life. Waste may seem as an insignificant issue in the grand scheme of things, but it has profound consequences on health. Families with children as well as individuals are less likely to want to interact with public spaces if they are dirty and polluted, leading to lifestyles where going to a park and gleaning the health benefits from doing so are less likely. Active utilization of parks increases physical and emotional health, and promotes environmental education and interpersonal contact, all profound health impacts for both young and old community members[4]. Communities have a lot to gain from usable parks, but internal leadership within these communities is needed to create ownership and initiatives of public

spaces. The ECO Promotora program would engage issues through the training of Promotoras on this subject among other extremely important topics, and leverage our current structures of faith-based organizations and community members to empower more community members and tailor an action strategy to the location, the people, and the issue.

Promotoras are not just community educators, but agents of change to address issues that are difficult to fix from the outside. Many initiatives created by organizations outside of communities fail or perform meagerly, because they do not engage with community members correctly and are not aware of the motivators and challenges that these communities face. The Promotora model overcomes these issues entirely, while increasing community power and leadership around EJ issues. Promotoras are also community scientists who receive training and ensure that the latest information circulates and reaches their communities.

F. **Partner and Collaborate:**

This program will rely on the collaboration of Washington Metro Area community faith-based organizations that form part of CAF connectors' network program. Through CAF Connectors program, a network of churches that work in collaboration with CAF, we have developed a successful replicable model that reaches every neighborhood across the city and among people that have not benefited from many of the services available to them. CAF has utilized this model in previous projects because it presents an opportunity to extend outreach deep into the community to engage people that are the hardest to reach and the most underserved. The churches serve an important role in the lives of Latino residents because they are safe and familiar spaces where people of the same culture gather, and they are staffed by people with a shared history and lived experiences who are able to effectively offer information, guidance, and support. The churches serve as quasi social service agencies and they build on the greatest strength of the Latino community, which is a spirit of mutual support for each other and for those with the greatest need. Working in this environment, we plan to engage and utilize the talents of Latino individuals in the churches and build their skills in communicating environmental health messages in new and innovative ways. To this end, CAF will also work with academic collaborators, including Dr. Lesliam Quiros-Alcala from Johns Hopkins University. Dr. Quiros-Alcala is a bilingual, culturally competent, environmental health scientist with over 15 years of experience (and 9 years of collaboration with CAF on Environmental Health and Justice projects) in research dissemination and teaching/mentoring in higher education in English and Spanish and has ample

experience in science communication among a wide array of audiences including underserved Black and Brown communities. By combining the expertise of outreach of faith-based organizations with the technical expertise of researchers, CAF will translate research recommendations into action in Hispanic and low-income homes through the train-the-trainer model. CAF will also partner with Dr. Sacoby Wilson from the University of Maryland to provide capacity building support to pass onto Promotoras. This partnership will help develop citizen scientists within the Hispanic community, and bring them closer to research initiatives which are specifically for the benefit of historically marginalized communities. These collaborations are long-standing and CAF has worked with these collaborators in the past and will continue these collaborations into the future to help empower disadvantaged communities on other projects.

The faith-based organizations will be responsible for recruiting participants, providing venues for outreach and public education, and other outreach related tasks while CAF's research partner, Dr._Quiros-Alcala will help update curriculum and also provide workshops for training-the-trainer activities. An added benefit of having Dr. Quiros-Alcala be a part of our team is that youth in our communities will have a role model, as her participation will help increase and diversify the pool of individuals pursuing careers in environmental and public health to address pressing issues in these communities. The lived experiences of youth pursuing careers in the field will help expand ongoing efforts to improve the environment and health in these underserved communities. Dr. Quiros-Alcala also has ample experience working in immigrant and underserved communities and has worked with many vulnerable populations, including communities that are of color/low-income, children, pregnant women and women of reproductive age, and vulnerable worker populations often overburdened with both chemical and non-chemical stressors. Dr._Wilson from the University of Maryland will help integrate citizen science training into CAF's ECO Promotora training. CAF will provide financial support to the faith-based organizations and our research collaborator Dr. Lesliam Quiros-Alcala.

Comment[Lesliam Quiros-Alcala8](Done): Feel free to play with this language. Not trying to show off at all, but to make the pt that our kids need role models that look like them or at least share their culture to inspire them to pursue these careers ...

2.0 Program Objectives

Project Activities

I. Compile environmental health worker curriculum on essential topics related to environmental health and environmental justice in collaboration with local environmental health and justice professionals.

a) Air Pollution
b) Water Pollution
c) Indoor Air Pollution

d) Respiratory Issue Prevention
e) Children's Environmental Health
f) Physical activity
g) Identification and strategies to avoid Chemicals Indoors
h) At Work Environmental Risks for Vulnerable Communities
i) Recycling/ Composting
j) Environmental advocacy and Organizing

II. Create digital and printed copies of the curriculum
   a) Promotoras will be able to use this material to provide trainings
III. Teach the curriculum to 50 Promotoras with an emphasis on bilingual education, citizen science, and youth
IV. Promotoras will meet with community members to identify the needs of the community and then set up workshops with the resouces CAF provides.
   a) Each promotora will have an outreach of 50 community members each
V. Evaluate the success of the curriculum and the methodology used to teach Promotoras and community
VI. Continue training and adding to the curriculum

Milestone Schedule

Timeline	2023-2024											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep
Logistics and Curriculum Compilation												
Recruitment of Environmental Health Worker: First Cohort												
Training Promotoras with Environmental Health Workers + Certification												
Community outreach by Environmental Health workers												
Evaluation and Debrief of the Program												

Timeline	2024-2025

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep
Update Curriculum based on evaluation and debriefing from program implementation												
Recruitment of Environmental Health Worker: Next Cohort												
Training Promotoras with Environmental Health Workers + Certification												
Community outreach by Environmental Health workers												
Evaluation and Debrief of the Program												

Timeline	2024-2026											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep
Evaluation and Debrief of the Program												
Final Report Generation												

*CAF will comply with all reporting requirements

3.0 Environment Results

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a. Logic Model (SEE ATTACHMENTS)

b. Performance Measurement Plan

Performance Measurement Plan

Outputs

I. **ECO Promotora** Curriculum
II. Environmental Health Home Assessment
   a) Indoor air quality assessment
   b) Chemicals in the home assessment

c) Other Household toxins that affect vulnerable populations such as children and elderly

III. Environmental Risk At Work Assessment

IV. Community Environmental Assessment
   a) Pamphlet Guide to Reducing Carbon Footprint through Behavioral Changes

V. 50 trained promotoras
   a) a minimum outreach of 30 people per promotora for a total of 1500 community members benefiting from these workshops.

Outcomes

Short-term

I. Knowledge gains and behavioral changes in the following areas
   a) Bettering indoor air quality as per the pre and post indoor air quality assessments
   b) Use and storage of harsh chemicals in the home as indicated by the pre and post indoor air quality assessment
   c) Consequences of exposure to heavy metals and mitigation strategies as indicated by the pre and post Other Household Toxins assessment

Intermediate Outcomes

I. Workshop members will work as a group to identify environmental risks that their community is facing

II. Propose strategies to overcome these issues as a community

Long-term Outcomes

I. Reduction in Negative Health Outcomes

II. More engagement with environmental health and justice initiatives in the Hispanic community

c. Sustainability Plan and Community Vision

The ECO_Promotora program is designed to be sustainable and easily replicable to have profound impacts in the Hispanic community. The resources created by this project will be able to be used long after the time scope of this project and the curriculum will be used to train new Promotoras during and after the project time-frame. The ECO_Promotora program will have long-term positive implications in the health impacts of disadvantaged families, develop leadership capabilities of community environmental health workers with lived experience and intimate connections to front-line communities, serve as a first-introduction and pipeline to

STEM and future environmental health and justice work by investing in the empowerment and practical environmental advocacy and action skills in youth. CAF will track the attitudes and perceived importance of environmental health and advocacy in participants (ECO_Promotoras) to quantify the progress and perceived importance placed on the environment, climate, and necessity for behavioral changes and organizing.

CAF's environmental health curriculum will be holistic by working directly with communities to increase quality of life in the immediate present, but also prepare the Hispanic community to advocacy to environmental health and justice decisions in their local communities. This forward-thinking approach will have profound impacts on communities now and also in the future with versatile promotoras able to touch upon a variety of environmental topics. This bilingual model has the capacity to become a national program, and it will help Hispanic communities learn how to define environmental justice, trace the history of environmental justice and examine how it interconnects with other social and environmental issues.

4.0 Programmatic Capability

CAF has longstanding relationships working with the EPA and specialized staff and expert connections to successfully complete the terms of EPA grants and positively affect communities through EPA-funded opportunities.

Damaris Frias-Batista will be the Project Manager of the proposed project and she will oversee the project as a whole. She is the Chief Operating Officer and Co-founder of *Centro de Apoyo Familiar* (CAF). Ms. Frias brings years of experience in the area of managing and coordinating EPA funded projects as well as other community projects by recruiting churches, training and supervising promotoras as well as collecting organizing and developing information, data, reports and evaluations for the projects. She has been the Program Director for our EPA healthy community funded program, Healthy Families: Healthy Homes and sub-director and coordinator of the EPA funded projects *Casas Sanas Niños Sanos – Healthy Homes Healthy Children, the Latino Youth Lead Environmental Awareness and Action* an Environmental Justice project, *the Lawrence Healthy Childcare Network,* some of those projects conducted in collaboration with the JSI Research & Training Institute, Inc. Ms. Frias holds a BA in Psychology from University of Massachusetts at Boston and a M.A. in Mental Health with an specialty in children, youths and families from Southern New Hampshire University. Ms. Frias led one of the EPA sub-groups for MAVD in the city of Lawrence, MA and also forms part of the Massachusetts

Governer's Advisory Council on Latino Empowerment, a position set to expire in 2027.

5.0 Past Performance

a. Organizational Experience

Over the last 11 years, CAF has been providing environmental education and awareness to low income minority families with children younger than 19 years old. Below is a list of EPA funded projects conducted in the last three years. CAF has complied with all federal reporting requirements for all projects, filed progress reports, final reports on outputs and outcomes, and final technical reports on time and complied with all post award evaluation protocols. Recent projects in the past three years are listed below.

Comment[Lesliam Quiros-Alcala9](Done): Numbers 10 and above can and should be written as numbers

1. Grant Agreement # HC - 00A00680-0; 10/1/2020 – 9/30/2021; *Healthy Families: Healthy Homes Project*; $35,000; EPA Healthy Communities grant program; Project Officer Eugene Benoit; Final Report submitted on time.
2. Grant Agreement # HC - 00A00525: 10/01/2019 – 09/30/2020; Healthy Families: Healthy homes; $25,000; EPA Healthy Communities grant program; Project Officer Eugene Benoit; Final report Submitted on time.
3. Grant Agreement # EQ – 96368001; 11/18/2019 – 11/17/2020; *Healthy Families: Homes Homes*; $30,000; EPA Environmental Justice; Project Officer Anita Provenzo; Final Report submitted on time documenting outputs and outcomes.

CAF was able to successfully complete and manage these agreements and meet the reporting requirements under those agreements in a thorough and timely manner. CAF also submitted timely and acceptable final technical reports under the agreements. These grants build upon on the experience, community connections, and trust garnered within communities and community leaders to comprehensibly address needs such as air and water quality, environmental toxins, and cultural practices in the home which highly impact public health.

b. Staff Experience and Qualifications of Project Manager (PM) (SEE ATTACHMENTS FOR RESUME OF PM)

Damaris Frias-Batista will be the Project Manager of the proposed project and she will oversee the project as a whole. She is the Chief Operating Officer and Co-founder of *Centro de Apoyo Familiar* (CAF). Ms. Frias brings over 10_years of experience in the area of managing and coordinating EPA-funded projects as well as other community projects by recruiting churches, training and supervising promotoras

as well as collecting organizing and developing information, data, reports and evaluations for the projects. Ms. Frias is a native of Dominican Republic with ample lived experiences that have made her an effective communicator and leader who has served her community through environmental health education on over 5 EPA-funded programs. She has been the Program Director of EPA healthy community funded program, Healthy Families: Healthy Homes and sub-director and coordinator of the EPA funded projects *Casas Sanas Niños Sanos – Healthy Homes Healthy Children, the Latino Youth Lead Environmental Awareness and Action* an Environmental Justice project, *the Lawrence Healthy Childcare Network,* some of those projects conducted in collaboration with the JSI Research & Training Institute, Inc. Ms. Frias holds a BA in Psychology from University of Massachusetts at Boston and a M.A. in Mental Health with a specialty in children, youths and families from Southern New Hampshire University. Ms. Frias led one of the EPA sub-groups for MAVD in the city of Lawrence, MA and also forms part of the Massachusetts Governer's Advisory Council on Latino Empowerment, a position set to expire in 2027.

c. Expenditure of Awarded Grant Funds

CAF has a centralized Accounting Department that supports project and corporate activities through management of CAF's finances and cash (both payables and receivables). CAF treats financial management as a priority for project accountability with professional accounting staff that tracks expenditures by project, category, and function. CAF has received several state and federal grants including EPA grants and Cooperative Agreements in the last 8 years managed by CAF Financial Director and our accountant staff who have successfully completed all reports and project deliverables on schedule.

References:

1) Bureau, US Census. "Half of People of Dominican and Salvadoran Origin Experienced Material Hardship in 2020." *Census.Gov*, https://www.census.gov/library/stories/2022/09/hardships-wealth-disparities-across-hispanic-groups.html. Accessed 14 Feb. 2023.

2) *Hispanic Environmental Health: Ambient and Indoor Air Pollution - , NATIONAL COALITION OF HISPANIC HEALTH AND HUMAN SERVICES ORGANIZATIONS (COSSMHO), NATIONAL COALITION OF HISPANIC HEALTH AND HUMAN SERVICES ORGANIZATIONS (COSSMHO), 1996.* https://journals.sagepub.com/doi/10.1016/S0194-59989670179-1?url_ver=Z39.88-

2003&rfr_id=ori:rid:crossref.org&rfr_dat=cr_pub%20%200pubmed. Accessed 25 Feb. 2023.

3) Pintado, Amanda Pérez. "'It Makes You Question Your Identity': What It Means for Latinos to Lose Spanish Fluency." *USA TODAY*, https://www.usatoday.com/story/news/nation/2022/10/06/latino-americans-lose-spanish-fluency/10451602002/. Accessed 14 Feb. 2023.

4) Van Doesum, Niels J., et al. "Aesthetics and Logistics in Urban Parks; Can Moving Waste Receptacles to Park Exits Decrease Littering?" *Journal of Environmental Psychology*, vol. 77, Oct. 2021, p. 101669. *ScienceDirect*, https://doi.org/10.1016/j.jenvp.2021.101669.

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	EPA-R-OEJECR-OC	$	$	$ 498,740.00	$	$ 498,740.00
2.						
3.						
4.						
5. Totals		$	$	$ 498,740.00	$	$ 498,740.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1)	(2)	(3)	(4)	Total (5)
	ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM				
a. Personnel	$ 0.00	$	$	$	$ 0.00
b. Fringe Benefits	0.00				0.00
c. Travel	8,600.00				8,600.00
d. Equipment	60,000.00				60,000.00
e. Supplies	20,800.00				20,800.00
f. Contractual	364,000.00				364,000.00
g. Construction	0.00				0.00
h. Other	0.00				0.00
i. Total Direct Charges (sum of 6a-6h)	453,400.00				$ 453,400.00
j. Indirect Charges	45,340.00				$ 45,340.00
k. TOTALS (sum of 6i and 6j)	$ 498,740.00	$	$	$	$ 498,740.00
7. Program Income	$ 0.00	$	$	$	$ 0.00

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	$ 0.00	$	$	$ 0.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$ 0.00	$	$	$ 0.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 300,000.00	$ 150,000.00	$ 50,000.00	$ 50,000.00	$ 50,000.00
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 300,000.00	$ 150,000.00	$ 50,000.00	$ 50,000.00	$ 50,000.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	$ 50,000.00	$ 50,000.00	$ 50,000.00	$ 48,740.00
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 50,000.00	$ 50,000.00	$ 50,000.00	$ 48,740.00

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges:

23. Remarks:

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1243-CHEC EPA Air Monitoring Project Narrative-Souther

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-CHEC 501c3.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

DEJCP
Delaware Environmental Justice Community Partnership

CHECinc

DELAWARE ENVIROMENTAL JUSTICE COMMUNITY PARTNERSHIP (DEJCP)

FACT SHEET

Statement

Addressing environmental justice and building community power on the frontlines, especially in rural communities is a top priority of the Community Housing & Empowerment Connections Inc. (CHEC) and its partners of the Delaware Environmental Justice Community Partnership (DEJCP).

[HYPERLINK "https://www.nbejn.com/nbejn-health"]

History

The DEJCP [HYPERLINK "https://www.nbejn.com/our-history"]

The Delaware Environmental Justice Community Partnership (DEJCP), a collective of community organizations and individuals, is the only statewide organization in Delaware that primarily focuses on climate and environmental justice issues and whose leadership and membership are predominately black women, Indigenous and people of color directly impacted by environmental inequities. With emphasis on amplifying the voices of the most affected individuals, the DEJCP aim to successfully move environmental justice from the margin to the mainstream of environmental policy discussions. The DEJCP has served the Environmental Justice communities in all three counties by influencing public policy initiatives, advocating for beneficial legislation, providing testimony at public hearings on environmental proposals, and educating about environmental justice through public articles, studies, and presentations over the past three decades.

DEJCP is a state-based multi-level consortium of grassroots community organizations, environmental and social justice groups, expert consultants, government and elected officials working together to effectively prevent, reduce and eliminate environmental and social injustices in Delaware's most vulnerable communities. There are a number of regional and national groups that focus on climate, energy, environmental and social justice across the country seeking alignment with community-led, state-based organizations like DEJCP, but find it difficult to effectively engage, without designated infrastructures. To support the national efforts and fulfill our state goals to effectively engage, educate, empower and employ; and extend climate, environmental and social

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justice to the most impacted communities in Delaware, Community Housing & Empowerment Connections Inc. (CHEC) will take the lead in developing and managing the DEJCP.

African Americans are 79 percent more likely than whites to live in neighborhoods with toxic industrial pollution that poses the greatest health dangers. Across the US, Blacks, Indigenous and people of color are organizing their communities to fight back against environmental racism. This fight includes the inadequate resilience to climate change and inequitable assistance in BIPOC communities of color. DEJCP provides BIPOC organizations the unified support to win their fight for environmental justice. We work to make our community level struggles a statewide matter. We do this by creating space for residents, community organization leaders and members to build alliances and connect their work, share resources, and strategically target systemic racism throughout the state.

Our Work

CHEC as the lead agency of the DEJCP, is a community-based non-profit organization with an extensive history in substance abuse and violence prevention programming with special emphasis on environmental justice. It is the mission of (CHEC) to build, healthy, strong, sustainable communities through advocacy, community engagement and partnerships. CHEC was a co-author of the *Environmental Justice for Delaware, Mitigating Toxic Pollution in New Castle County Communities* report in 2017, that highlighted health impacts of toxic pollution in seven black communities in comparison to one elite white community. CHEC implemented several nationally recognized evidenced-based programs; led the development of the Wilmington Prevention Coalition, the New Castle Prevention Coalition; a lead partner of the Delaware Concerned Residents for EJ and currently leading the development of the Delaware EJ Community Partnership and Building Community Power through: Community Air Monitoring Networks , Community BreatheLife Campaign, and Community Justice40 Task Force to monitor and enforce implementation of federal Justice40 Initiative at the community level . The executive director of CHEC most recently served as Co-PI for a ACCEL Sponsored Retreat on *Health Impacts of Toxic Pollution: Developing Community-Engaged Research,* alongside the Director of Neighborhood and Revitalization Office at Delaware State University.

DEJCP works to Build Community Power on the Frontlines through the following projects and priorities areas:

Current Projects:

- Community Air Monitoring Network 4 Delaware (Youth and Healthy Homes Assessments)
- Clean Energy Future 4 All
- Community BreatheLife Campaign
- Neighborhood Youth Messaging Mascots
- Community Justice100 Task Force

Priorities Areas:

- Communication
- Leadership Development
- Advocacy Tools and Training
- Data and Information (Transportation, Public Health
- Relationship and Trust
- Innovative Philanthropy

Our Partners

(CHEC) and its current partners: Let the Truth Be Told Newsletter, Minority Workforce Development Coalition, State NAACP Health Committee, Southern Delaware Alliance for Racial Justice; Clean Air Council, Delaware Concerned Residents for EJ will collaborate in the development of the DEJCP and Coordinating Council to provide a *One Stop Shop* to coordinate social, climate, energy and environmental justice resources, trainings, and associated programs more equitably in Delaware. Other local, regional and national agencies/groups serving as Allies of the partnership are: Christiana Care Health Services, ACCEL, BEA Fund, Climate Justice Alliance, National Black Environmental Justice Network, Dream.org/Green for All, Delaware State University and John Hopkins University and many others as appropriate.

Local Partners:

Clean Air Council (The Council), officially created in 1967, is a member-supported environmental organization serving the Mid-Atlantic Region that includes Delaware. The Council is dedicated to protecting and defending everyone's right to a healthy environment. The Council works through a broad array of related sustainability and public health initiatives, using public education, community action, government oversight, and enforcement of environmental laws. By 1970, the Council was recognized by the American Heritage Publishing Company as one of the top 12 conservation organizations in the Nation most worthy of public support. In 1975, the Council developed the first regional air quality reporting system called AIRS. This system was regarded as a model air quality index by the Federal government.

Sussex Health and Environmental Outreach Project (SHEOP), an environmental justice group set up to help disadvantaged communities, communities of color, and in underserved areas in Sussex County deal with environmental and health issues related to contaminated drinking water and air pollution. SHEOP consider this situation to be a public health problem. With that in mind, are looking to connect with community health entities, such as the Healthy Communities Initiative, to address the environmental and related health problems in Sussex County.

Minority Workforce Development Coalition (MWDC) established in 2010, is a group of individuals, community-based organizations, businesses and government agencies working together to advocate for the compliance and enforcement of the Code of Federal Regulation (CFR) to increase fair and equal jobs and economic development opportunities for low income, environmental justice and frontline communities in Delaware. MWDC utilizes the five steps of the strategic prevention framework: assessment, capacity, planning, implementation and monitoring to achieve its goals.

Delaware State Conference NAACP Health Committee-Environmental & Climate Justice program provides toolkits, campaigns and support community leadership in addressing this human and civil rights issue by advocating for three objectives: 1) reduce Harmful Emissions, Particularly Greenhouse Gases; 2) advance Energy Efficiency and Clean Energy and 3) Strengthen Community Resilience and Livability.

Sierra Club-Delaware Chapter (SC) a conservation organization founded by John Muir in 1892 is a subsidiary of one of the nation's largest environmental organizations with more than two million members and supporters. The successes range from protecting millions of acres of wilderness to helping pass the Clean Air Act, Clean Water Act, and Endangered Species Act. More recently, made history by leading the charge to move away from the dirty fossil fuels that cause climate disruption and toward a clean energy economy. The Delaware Sierra Club a statewide membership organization of the national organization with over 1,500 members. The purpose includes working to explore, enjoy and protect the environment here in Delaware and protecting the health of Delawareans from pollution and making a just transition away from fossil fuels and other polluting industries to a clean and fair economy.

Delaware Concerned Residents for Environmental Justice (DCR4EJ) is a collective of environmental justice community residents whose mission to is to inform and empower communities to take action to protect the fundamental rights to clean air, water, land and food.
The group operates based on the six Jemez Principles of Environmental Justice that include: Inclusive, Bottom-Up Process, Speak for Ourselves, Work in Solidarity, and Self Transformation.

Delaware State University, Center for Neighborhood Revitalization and Research bridges the research practice gap by serving as a practicing academic partner with communities, nonprofit and other social service providers, and government agencies involved in community and neighborhood revitalization. The work is guide by three primary goals:

1. Developing mutually beneficial research partnerships designed to advance and sustain neighborhood vitality by invigorating the culture and the economy.

2. Providing student service learning, internships and research opportunities aimed at preparing graduate and undergraduate students with the knowledge, skills and experiences necessary to be the first choice of employers.
3. Supporting faculty research designed to help solve real-world problems.

National Partnership Efforts:

A recent study, *Environmental Justice for Delaware, Mitigating Air Pollution in New Castle County Communities,* a collaborative with Community Housing & Empowerment Connections Inc. (CHEC), Delaware Concerned Residents for Environmental Justice (DCR4EJ), Union of Concerned Scientists (UCS), Coming Clean (CC) and Environmental Justice Health Alliance (EJHA), have found that people of color and those living in poverty are exposed to higher levels of environmental pollution than Whites or people not living in poverty. Studies have also found that, compared to national averages, a significantly greater percentage of Blacks (African Americans), Latinos (Hispanics), and people at or near poverty levels tend to live near major highways, ports, industrial facilities that use large quantities of toxic chemicals and present a risk of major chemical disasters with potentially severe health consequences for residents in nearby communities. Environmental justice requires attention to, and actions to address, the disproportionate health and other quality-of-life impacts on these communities. This harm is amplified by the cumulative impacts from other negative socioeconomic and health factors, such as the lack of access to health care, public transportation, and healthy foods; poor housing conditions; and stress from unemployment, poverty, and crime, among the other exacerbating factors in systemic racism and Covid-19.

Additionally, The NAACP's Environmental and Climate Justice Program, in partnership with the Clean Air Task Force and with support from the National Medical Association, developed the study, *Fumes Across the Fence-Line: The Health Impacts of Air Pollution from Oil and Gas Facilities on African American Communities.* The report highlighted the life-threatening burdens placed on communities of color near oil and gas facilities are the result of systemic oppression perpetuated by the traditional energy industry, which exposes communities to health, economic, and social hazards. Communities impacted by oil and gas facility operations remain affected due to energy companies' heavy polluting, low wages for dangerous work, and government lobbying against local interests. The nature of the vulnerability of African American and other person of color fence-line communities is intersectional--subject to connected systems of discrimination based on social categorizations such as race, gender, class, etc.

Environmental Justice is defined as: Equal and fair distribution of environmental burdens and benefits to all people and communities, regardless of race, gender, income, age or where you live, work, play or learn.

Environmental problems manifest in local communities and show up in our schools, churches, playgrounds, and in our homes.

Goals:

Through the Delaware Environmental Justice Community Partnership, local youth, parents, schools, businesses, faith-based organizations, and other community stakeholders may access resources and achieve equity and environmental justice where they live. The DEJCP shall collaborate with local and national organizations to obtain two primary goals:

1. Establish and strengthen collaboration among community residents, academies, climate, energy and environmental groups; as well as federal, state, local, and tribal governments to support the efforts of environmental justice and associated problems through partnerships.
2. Prevent, reduce and/or mitigate environmental pollution in low income, communities of color, and over time, the public at large with 100% emissions reductions targets by addressing the factors in a community that increase health risks and promote factors that minimize those risks.

Organizational Structure:

The Delaware Environmental Justice Community Partnership, functions as a statewide EJ infrastructure to effectively resource community stakeholders in Delaware most vulnerable communities. Our members are constituency of the communities we serve. Each group and/or sectors retains its identity, but all agree to work together toward a common goal of building a statewide, accessible resource hub to engage and inform EJ communities in Delaware. **The structure of DEJCP operates as a Coordinating Council to serve as the decision-making body for the Partnership. As the lead agency, CHEC will house the DEJCP project's resource center and website; interns from local colleges/universities will serve as support staff for the project; and four county-level EJ Ambassadors will lead the development of EJ community coalitions in each county (Wilmington, New Castle, Kent and Sussex).** Participants of the DEJCP are expected to share information at the county level and work with stakeholders within their communities to identify and address local environmental problems and create sustainable community-level change through education, programs/policies and partnerships.

Now, more than ever, DEJCP is necessary to provide a system of pertinent and accessible social and environmental resources for impacted residents; assist local leaders to organize and identify the environmental issues unique to their communities and tools to effectively prevent, reduce and mitigate impacts of environmental pollutants at all levels throughout the state.

DEJCP Coordinating Council Requirements include a) partnership/coalitions must be located and comprised of members working/residing in underserved communities where disproportionate burdens of environmental pollution occur; b) partnership/coalitions shall be comprised as follows:

4 residents of an environmental justice community,
4 county level representatives,

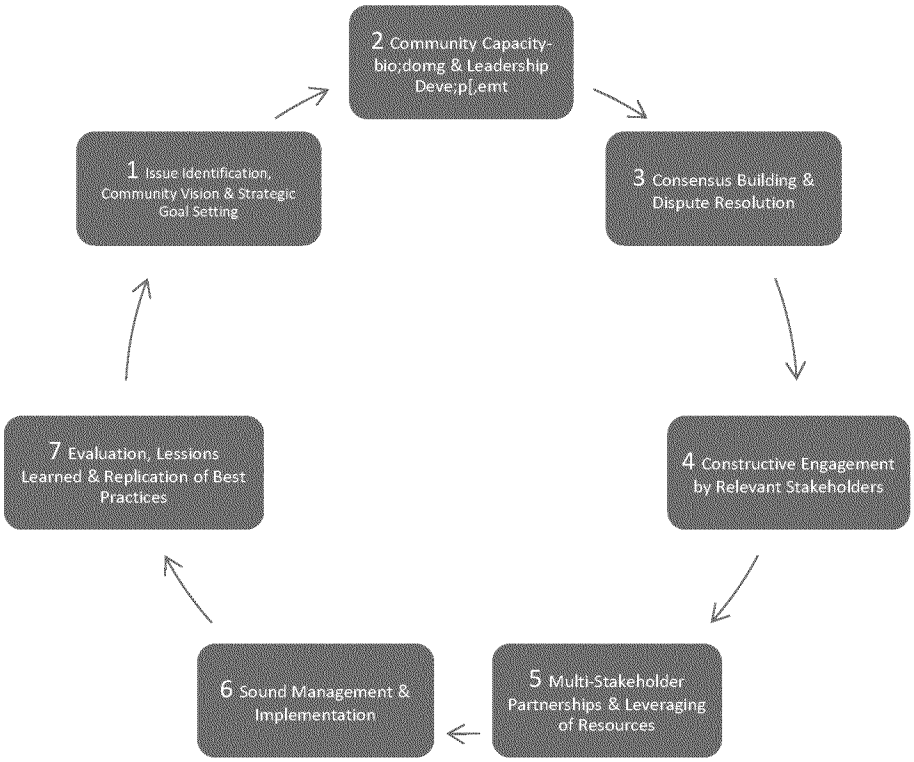
4 representatives of environmental justice organizations,
1 representative of a college/university
1 statewide elected official,
1 environmental legal representative
1 public health representative,
1 representative of an environmental protection agency,
1 community environmental justice Lead Agency/Director

While the partnership requires representation as identified above, there are a number of other ally groups associated with the partnership.

Development of DEJCP founded and led by:
Penny Dryden, executive director of CHEC Inc.,
January 2019

ED_016126_00001434-00007

EPA Collaborative Problem-Solving Model

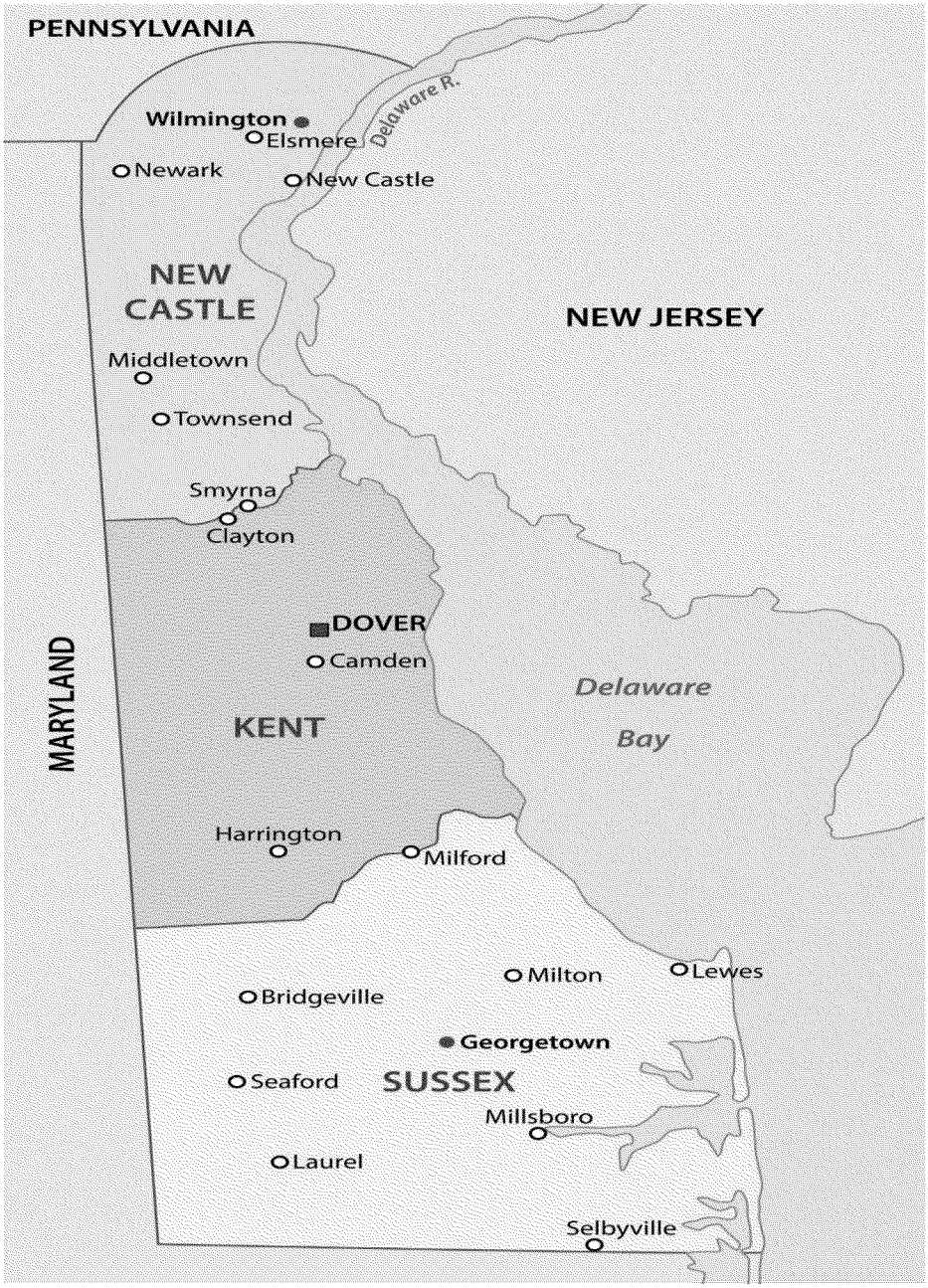


Elements of the Collaborative Problem-Solving Model:

1. Issue Identification, Visioning, and Strategic Goal-Setting;
2. Community Capacity-Building and Leadership Development;
3. Development of Multi-Stakeholder Partnerships and Leveraging of Resources;
4. Consensus Building and Dispute Resolution;
5. Constructive Engagement with Other Stakeholders;
6. Sound Management and Implementation; and
7. Evaluation

These elements are cross-cutting and interdependent and should be utilized in a proactive, strategic, and iterative manner. Determining which elements to undertake, and in what order, can vary greatly, however, depending upon the unique facts and circumstances surrounding each environmental and/or public health issue. Not all the elements are required to be used in every situation. Rather, the CPS Model and its seven elements can be viewed as a "tool box" filled with different tools that can be used as needed.

Map of Delaware, by Counties



*The proposed Community-led Air Quality Monitoring in Rural Communities in Southern Delaware includes Kent and Sussex County only.

Manifest for Grant Application # GRANT13853673

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 29226 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16040 bytes)

2. Form SF424A-V1.0.pdf (size 23184 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40279 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15909 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23990 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37204 bytes)

Attachments Included in Zip File (total 10):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-MWDC LOS to CHEC- EPA.docx application/vnd.openxmlformats-officedocument.wordprocessingml.document (size 36202 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-CHEC EPA LOS EJCPS Grant in Southern DE.docx application/vnd.openxmlformats-officedocument.wordprocessingml.document (size 16952 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1242-EPA Environmental Justice CPS Model.docx application/vnd.openxmlformats-officedocument.wordprocessingml.document (size 23551 bytes)

4. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-Map of Delaware, by Counties.docx application/vnd.openxmlformats-officedocument.wordprocessingml.document (size 346840 bytes)

5. SF424_4_0 SF424_4_0-1234-Map of Delaware, by Counties.docx application/vnd.openxmlformats-officedocument.wordprocessingml.document (size 346840 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-CHEC 501c3.pdf application/pdf (size 139048 bytes)

7. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1243-CHEC EPA Air Monitoring Project Narrative-Southern Delaware FINAL.docx application/vnd.openxmlformats-officedocument.wordprocessingml.document (size 104002 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-CHEC detailed description.doc application/msword (size 38400 bytes)

9. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-Octavia BioSketch. EPA Grant.docx application/vnd.openxmlformats-officedocument.wordprocessingml.document (size 34536 bytes)

10. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-CHEC DEJCP Fact Sheet.docx application/vnd.openxmlformats-officedocument.wordprocessingml.document (size 46532 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1234-C4K EPA EJ - Mandatory Attachments Combined.p

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Happy, Healthy, Lead-Free Me!	66.306	$ 500,000.00	$ 0.00	$ 0.00	$ 0.00	$ 500,000.00
2.						
3.						
4.						
5. Totals		$ 500,000.00	$ 0.00	$ 0.00	$ 0.00	$ 500,000.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total
	(1) Happy, Healthy, Lead-Free Me!	(2)	(3)	(4)	(5)
a. Personnel	$ 163,375.00	$	$	$	$ 163,375.00
b. Fringe Benefits	17,778.00				17,778.00
c. Travel	10,284.00				10,284.00
d. Equipment	77,340.00				77,340.00
e. Supplies	131,201.40				131,201.40
f. Contractual	0.00				0.00
g. Construction	0.00				0.00
h. Other	36,000.00				36,000.00
i. Total Direct Charges (sum of 6a-6h)	435,978.40				$ 435,978.40
j. Indirect Charges	64,021.60				$ 64,021.60
k. TOTALS (sum of 6i and 6j)	$ 500,000.00	$	$	$	$ 500,000.00
7. Program Income	$	$	$	$	$

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Happy, Healthy, Lead-Free Me!	$ 0.00	$ 0.00	$ 0.00	$ 0.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$ 0.00	$ 0.00	$ 0.00	$ 0.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 166,668.00	$ 41,667.00	$ 41,667.00	$ 41,667.00	$ 41,667.00
14. Non-Federal	$ 0.00	0.00	0.00	0.00	0.00
15. TOTAL (sum of lines 13 and 14)	$ 166,668.00	$ 41,667.00	$ 41,667.00	$ 41,667.00	$ 41,667.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Happy, Healthy, Lead-Free Me!	$ 166,668.00	$ 166,668.00	$ 166,668.00	$ 0.00
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 166,668.00	$ 166,668.00	$ 166,668.00	$ 0.00

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: Total is for supplies and personnel.

22. Indirect Charges: Shipping expenses and facility related expenses.

23. Remarks:

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Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1235-C4K EPA EJ Grant Application.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

Manifest for Grant Application # GRANT13860680

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 25731 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16145 bytes)

2. Form SF424A-V1.0.pdf (size 23200 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40441 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15926 bytes)

5. Form SF424_4_0-V4.0.pdf (size 24030 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37333 bytes)

Attachments Included in Zip File (total 2):

1. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1235-C4K EPA EJ Grant Application.pdf application/pdf (size 341010 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1234-C4K EPA EJ - Mandatory Attachments Combined.pdf application/pdf (size 5617744 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1234-Other Attachments.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1235-Project Narrative (1).pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Seaford Health Assessment and Data for Informed Decisions (SHADID)	66.306	$	$	$ 494,450.00	$ 0.00	$ 494,450.00
2.						
3.						
4.						
5. Totals		$	$	$ 494,450.00	$ 0.00	$ 494,450.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) Seaford Health Assessment and Data for Informed Decisions (SHADID)	(2)	(3)	(4)	Total (5)
a. Personnel	$ 49,500.00	$	$	$	$ 49,500.00
b. Fringe Benefits	0.00				0.00
c. Travel	0.00				0.00
d. Equipment	0.00				0.00
e. Supplies	0.00				0.00
f. Contractual	0.00				0.00
g. Construction	0.00				0.00
h. Other	400,000.00				400,000.00
i. Total Direct Charges (sum of 6a-6h)	449,500.00				$ 449,500.00
j. Indirect Charges	44,950.00				$ 44,950.00
k. TOTALS (sum of 6i and 6j)	$ 494,450.00	$	$	$	$ 494,450.00
7. Program Income	$ 0.00	$	$	$	$ 0.00

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8.	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 164,816.68	$ 41,204.17	$ 41,204.17	$ 41,204.17	$ 41,204.17
14. Non-Federal	$ 0.00	0.00	0.00	0.00	0.00
15. TOTAL (sum of lines 13 and 14)	$ 164,816.68	$ 41,204.17	$ 41,204.17	$ 41,204.17	$ 41,204.17

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Seaford Health Assessment and Data for Informed Decisions (SHADID)	$ 164,816.67	$ 164,816.67	$ 164,816.67	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 164,816.67	$ 164,816.67	$ 164,816.67	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: "Other" costs include labor hours for subawardees.

22. Indirect Charges: de minimis rate of 10%

23. Remarks: See budget narrative for further justification of object class categories.

Manifest for Grant Application # GRANT13862028

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 23937 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16026 bytes)

2. Form SF424A-V1.0.pdf (size 23131 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40284 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15909 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23919 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37482 bytes)

Attachments Included in Zip File (total 2):

1. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1235-Project Narrative (1).pdf application/pdf (size 3464928 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1234-Other Attachments.pdf application/pdf (size 4051021 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1235-FoAP_RSTOR_Logic_Model.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. 66.306 -- Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program EPA-R-OEJECR-OCS-23-01	66.306	$	$	$ 150,000.00	$	$ 150,000.00
2.						
3.						
4.						
5. Totals		$	$	$ 150,000.00	$	$ 150,000.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1)	(2)	(3)	(4)	Total (5)
	66.306 -- Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program EPA-R-OEJECR-OCS-23-01				
a. Personnel	$ 115,647.00	$	$	$	$ 115,647.00
b. Fringe Benefits	16,853.00				16,853.00
c. Travel	0.00				0.00
d. Equipment	0.00				0.00
e. Supplies	1,500.00				1,500.00
f. Contractual	16,000.00				16,000.00
g. Construction	0.00				0.00
h. Other	0.00				0.00
i. Total Direct Charges (sum of 6a-6h)	150,000.00				$ 150,000.00
j. Indirect Charges					$
k. TOTALS (sum of 6i and 6j)	$ 150,000.00	$	$	$	$ 150,000.00
7. Program Income	$ 0.00	$	$	$	$ 0.00

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SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. 66.306 -- Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program EPA-R-OEJECR-OCS-23-01	$ 150,000.00	$ 35,000.00	$ 260,000.00	$ 445,000.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$ 150,000.00	$ 35,000.00	$ 260,000.00	$ 445,000.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 50,000.00	$ 12,500.00	$ 12,500.00	$ 12,500.00	$ 12,500.00
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 50,000.00	$ 12,500.00	$ 12,500.00	$ 12,500.00	$ 12,500.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. 66.306 -- Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program EPA-R-OEJECR-OCS-23-01	$ 50,000.00	$ 50,000.00	$ 50,000.00	$ 0.00
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 50,000.00	$ 50,000.00	$ 50,000.00	$ 0.00

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges:

23. Remarks:

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Tracking Number:GRANT13861959 Funding Opportunity Number:EPA-R-OEJECR-OCS-23-01 Received Date:Apr 14, 2023 08:08:42 PM EDT
ED_016126_00001473-00003

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-FoAP_Narrative.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

FRIENDS of ANACOSTIA PARK

RSTOR Logic Model

Resources/ Inputs

- Friends Corps workforce development
- Training partners: Ward 8 Woods, Casey Trees, Anacostia Riverkeeper
- Local community providing input for park future
- National Park Service guidance and admin

Activities

- Litter removal from riparian forest
- Litter removal from high-traffic areas
- Development and maintenance of native tree canopy
- Invasive plant species removal
- Community forums facilitating participatory planning

Outputs

- Provide 18 green jobs for local community members
- Remove 30,000 pounds of trash from park
- Source, plant and maintain 50 native trees around park
- Remove 1,000 square feet of invasive species in park riparian forests and coastal meadows
- Engage 2,000+ local residents through Friends Corps led programming, community cleanups, and forums focused on steps residents can take to be park conservationists

Communities Served

- 155,000 Ward 7 & 8 residents
- 1, 770,000 annual park visitors
- Returning citizens, senior citizens, dislocated workers
- 30+ APACC organizations who power community forums

Short-term Outcomes (6-12 months)

- Less trash accumulating in the Park's high traffic areas
- Increased beautification of the Park resulting in more visitors
- Increased visibility of local residents leading cleanups strengthens conservation culture in Southeast DC
- Educating residents living in the watershed about the different ways that human behavior impacts the health of the River

Intermediate Outcomes (12-24 months)

- Significantly reduce single-use plastics, microplastics, and hazardous chemicals entering the the River after heavy rainstorms
- Canopy development will increase shade, mitigate stormwater, stabilize coastal soil, reduce erosion, improve water quality, filter pollutants, and promote infiltration to groundwater table
- Mitigate stormwater runoff by removing invasives plants that harm ecosystem and prevent watershed balance

Long-term Outcomes (2+ years)

- Engender a sense of pride around restoration efforts, change perception of a trash-filled park
- Power community organization Intersectionality and coalition building
- Create the next generation of park environmental stewards by providing youth education
- Support increased nature and outdoor practices that address mental, physical, and social wellness of marginalized communities

FRIEN FRIENDS of ANACOSTIA PARK *EPA EJCPS*



EXPENSE CATEGORIES		
SALARIES		
Personnel	Description	Requested Funds
Director of Programming	$77,611 annual salary X 13% of time on project = $30,925 for three years	$30,925.00
Friends Corps Manager	$65,000 annual salary X 13% of time on project = $25,250 for three years	$25,250.00
2 Core Competency Friends	$20,976 seasonal salary X 22% of time on project = $27,464	$27,464.00
2 Seasonal Friends Corps	$16,764 seasonal salary X 21% of time on project = $21,146	$21,146.00
2 Rotational Friends Corps	$10,600 seasonal salary X 17% of time on project = $10,862	$10,862.00
Total Expense SALARIES		$115,647.00

FRINGE BENEFITS		
Personnel	Description	Requested Funds
Director of Programming	30% of Fringe (includes medical and dental insurance, FICA)	$9,278
Friends Corps Manager	30% of Fringe (includes medical and dental insurance, FICA)	$7,575
Total Expense FRINGE BENEFITS		$16,853

TRAVEL		
Type	Description	Requested Funds
Transportation	Shuttle services for community forums	$0
Total Expense TRAVEL		$0

EQUIPMENT AND SUPPLIES		
Type	Description	Requested Funds
Advertising Supplies	Outreach for community forum events	$500
Entertainment Supplies	Engagement in community forum events	$1,000
Grounds Supplies	Gloves/tools for invasive & trash removal, tree planting	$0
Total Expense EQUIPMENT AND SUPPLIES		$1,500

CONTRACTUAL AND PROFESSIONAL FEES		
Type	Description	Requested Funds
Ward 8 Woods	Anacostia Park riparian forest remediation	$4,000
Casey Trees	Tree sourcing, purchase and transportation	$2,000
Casey Trees	Tree maintenance training for Friends Corps	$0
Anacostia Watershed Society	Watershed Stewards Academy	$10,000
Total Expense CONTRACTUAL AND PROFESSIONAL FEES		$16,000

TOTAL EXPENSE	$150,000

Total Expense
$232,833.00
$195,000.00
$125,856.00
$100,584.00
$63,600.00
$717,873.00
Total Expense
$69,850.00
$58,500.00
$128,350.00
Total Expense
$45,000.00
$45,000.00

Total Expense
$15,000.00
$24,000.00
$12,000.00
$51,000.00
Total Expense
$39,000.00
$30,000.00
$15,000.00
$30,000.00
$114,000.00
$1,056,223.00

Friends of Anacostia Park respectfully requests $150,000 for the execution of the Friends Corps RSTOR initiative--which will empower Ward 7 and 8 residents to manage stormwater runoff through tree planting, trash removal and invasive species eradication. This initiative also carves out convening space for park-goers to commune, get educated on the current state of the Anacostia River's health and build a ward-wide campaign to reduce litter and single-use plastics.

The success of this initiative relies heavily on facilitation from our Friends Corps—FoAP's workforce development program that connects local residents with living wage green jobs in the Park. In addition to leading the in-park conservation effort, Corps members lead program development and facilitation—ensuring FoAP's programs are community-responsive. As the budget indicates, a total of $59,472 is being allocated for the onboarding of 6 Friends Corps members—augmenting our capacity for facilitating the aforementioned youth programming. Friends Corps members occupy different "slots," depending on their personal goals and interests.

- Core Competency Friends Corps members stay with FoAP for multiple seasons and lead our core programming areas. They develop workplans built around personal S.M.A.R.T. Goal(s) that are used for mid and end-of-season evaluations. Core Competency Corps members are paid $23/hr. for 30 hours a week for 26 weeks. $27,464 has been allocated to cover 22% of two Core Competency Corps members time for three years—one leading the Visitor Engagement team and the other leading the Grounds team. These Corps members will be the logistics specialists behind the implementation of the RSTOR initiative.
- Seasonal Friends Corps members, on the other hand, are content with part-time, seasonal work and support each team leader—*or* they are interested in receiving additional support for outside employment at the end of the season. Seasonal Corps members are paid a living wage of $22/hr. for 25 hours a week for 26 weeks. $21,146 has been allocated to cover 21% of two Seasonal Corps members time for three years—one assisting the Visitor Engagement Lead and the other assisting the Grounds Lead.
- Lastly, Rotational Friends Corps members come to FoAP with unique and specific interests/abilities that are nurtured during a year-long training program. They gain workforce development skills and seek employment with a partnering organization at the end of the FoAP programming season. Rotational Corps members are paid a living wage of $20/hour for 20 hours a week for 26 weeks (the duration of the programming season). $10,862 has been allocated to cover 17% of two Rotational Corps members time for three years—one working with the Visitor Engagement team and the other working with the Grounds team.

We have allocated $30,925 plus fringe (at 30%) of $9,278 representing about 13% of our Director of Program's bandwidth. The Director of Programs--Lydia Daniel--leads the recruitment, onboarding, training and evaluation of our Friends Corps--so she will be responsible for identifying the two new candidates we will be bringing onto the team. As the Project



Manager, she also will manage our partnerships with Casey Trees and Ward 8 Woods, ensuring that their scope of work is in compliance with National Park Service directives.

We have allocated $25,250 plus fringe (at 30%) of $7,575 representing about 13% of our new Friends Corps Manger's bandwidth. The Friends Corps Manger—LaShauntya Moore—coordinates and manages daily Corps member schedules and responsibilities around grounds and visitor engagement, daily Park events/operations, programs, and partners. With the Director of Programs and Friends Corps Manager handling the design and conceptualization of RSTOR initiative, Corps members can lead the on-the-ground implementation.

Our Community Forums--which will convene folks from the community to discuss stormwater management and what residents can do about it--has certain costs associated with it. We have also set aside $500 for the creation of ads and flyers that can be distributed throughout the community $1,000 for entertainment support that will make the events more festive.

We have already engaged Ward 8 Woods around their vision for the Anacostia Park forest patch remediation, and they estimate that it will cost around $13,000 per year to remove 30,000 pounds of trash and 1000 square feet of invasive plants. $4,000 has been allocated to cover 30% of this contract. Exactly $2,000 of this grant is reserved for the sourcing, purchase and transportation of medium-to-large sized trees that will be planted around the Anacostia Park Skating Pavilion in Partnership with Casey Trees. $10,000 has been allocated to cover the fee associated with training from the Anacostia Watershed Society.

The total cost of this effort--$150,000--will go a long way towards beautifying Anacostia Park, reducing the amount of polluted runoff flowing into the Anacostia River and educating residents about their role in remediating the River.

Manifest for Grant Application # GRANT13861959

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 28126 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16025 bytes)

2. Form SF424A-V1.0.pdf (size 23252 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40275 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15922 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23915 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37239 bytes)

Attachments Included in Zip File (total 9):

1. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1240-LOS_AWS.pdf application/pdf (size 337050 bytes)

2. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1241-LOS_CT.pdf application/pdf (size 98173 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1242-LOS_W8W.pdf application/pdf (size 128828 bytes)

4. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-FoAP_Narrative.pdf application/pdf (size 313340 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1235-FoAP_RSTOR_Logic_Model.pdf application/pdf (size 116668 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1236-FoAP_RSTOR_Employee_Roster.pdf application/pdf (size 106335 bytes)

7. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-FoAP_Budget.xlsx application/vnd.openxmlformats-officedocument.spreadsheetml.sheet (size 2496750 bytes)

8. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-FoAP_Budget_Narrative.pdf application/pdf (size 122196 bytes)

9. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-FoAP_Resumes.zip application/zip (size 139480 bytes)

Other Attachment File(s)

*** Mandatory Other Attachment Filename:** 1237-Pittsburgh Letter of committment.pdf

Add Mandatory Other Attachment | Delete Mandatory Other Attachment | View Mandatory Other Attachment

To add more "Other Attachment" attachments, please use the attachment buttons below.

Add Optional Other Attachment | Delete Optional Other Attachment | View Optional Other Attachment

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** 1234-EPA EJCP 2023_Grounded Strategies.pdf

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Lots of Wildflowers		$ 300,000.00	$	$	$	$ 300,000.00
2.						
3.						
4.						
5. Totals		$ 300,000.00	$	$	$	$ 300,000.00

Standard Form 424A (Rev. 7- 97)
Prescribed by OMB (Circular A -102) Page 1

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total
	(1) Lots of Wildflowers	(2)	(3)	(4)	(5)
a. Personnel	$ 108,800.00	$	$	$	$ 108,800.00
b. Fringe Benefits	27,200.00				27,200.00
c. Travel	3,500.00				3,500.00
d. Equipment	21,000.00				21,000.00
e. Supplies	10,000.00				10,000.00
f. Contractual	38,000.00				38,000.00
g. Construction					
h. Other	91,500.00				91,500.00
i. Total Direct Charges (sum of 6a-6h)	300,000.00				$ 300,000.00
j. Indirect Charges					$
k. TOTALS (sum of 6i and 6j)	$ 300,000.00	$	$	$	$ 300,000.00
7. Program Income	$	$	$	$	$

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Prescribed by OMB (Circular A -102) Page 1A

SECTION C - NON-FEDERAL RESOURCES				
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8.	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$	$	$	$	$
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$	$	$	$	$

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT				
(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)			
	(b)First	(c) Second	(d) Third	(e) Fourth
16.	$	$	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$	$	$	$

SECTION F - OTHER BUDGET INFORMATION	
21. Direct Charges:	22. Indirect Charges:
23. Remarks:	

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Manifest for Grant Application # GRANT13861238

Grant Application XML file (total 1):

1. GrantApplication.xml. (size 23095 bytes)

Forms Included in Zip File(total 6):

1. Form ProjectNarrativeAttachments_1_2-V1.2.pdf (size 16049 bytes)

2. Form SF424A-V1.0.pdf (size 22419 bytes)

3. Form EPA4700_4_5_0-V5.0.pdf (size 40248 bytes)

4. Form OtherNarrativeAttachments_1_2-V1.2.pdf (size 15926 bytes)

5. Form SF424_4_0-V4.0.pdf (size 23929 bytes)

6. Form EPA_KeyContacts_2_0-V2.0.pdf (size 37415 bytes)

Attachments Included in Zip File (total 6):

1. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1235-EPA EJCP 2023_Budget.pdf application/pdf (size 69696 bytes)

2. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1236-EPA EJCP Logic Model 2023_Grounded Strategies.pdf application/pdf (size 210568 bytes)

3. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1237-Pittsburgh Letter of committment.pdf application/pdf (size 345210 bytes)

4. ProjectNarrativeAttachments_1_2 ProjectNarrativeAttachments_1_2-Attachments-1234-EPA EJCP 2023_Grounded Strategies.pdf application/pdf (size 305586 bytes)

5. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1238-Brenda Toley and Eugenia Boggus Letter of Commitment.pdf application/pdf (size 350195 bytes)

6. OtherNarrativeAttachments_1_2 OtherNarrativeAttachments_1_2-Attachments-1239-RKM Update 2022 Final.pdf application/pdf (size 3903121 bytes)

Members of the Environmental Protection Agency Grantmaking Committee,

I would like to offer my commitment and support to Grounded Strategies in their pursuit of funding through the Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program.

Should this funding be awarded to Grounded, they will be creating an intentional meadow on a vacant lot for the purposes of:

- Enhancing the natural infrastructure value of an underutilized vacant parcel in order to:
    - Capture and filter stormwater, which has historically been an issue in our region, causing overflows of sewage from our combined sewer system into watercourses used for recreation
    - Provide critical habitat for insect and bird species of conservation concern, identified in the Pennsylvania Wildlife Action Plan 2015-2025
    - Mitigate the urban heat-island effect
    - Augment pollination services for nearby agricultural endeavors
- Educating neighborhood, city, and county residents about the value of natural infrastructure within urban areas so that:
    - Neighborhood residents are adequately equipped and skilled to install micro-meadows on their own property
    - City residents are more aware of the issues surrounding natural infrastructure
    - County residents are better able to advocate for natural infrastructure installations (where appropriate) when public comment for regional planning efforts is solicited
- Propagating native plants for further meadow installations

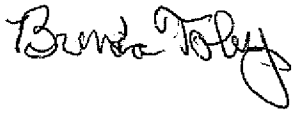
I commit to offering my support to Grounded in the following ways:

- Participating in roundtable discussions with neighborhood residents to better understand and address their concerns surrounding natural infrastructure installation and management
- Assisting Grounded with getting the word out about the value of natural infrastructure in communities, and the disparities in its current presence in our region
- Providing Training developed by Grounded to neighborhood residents on the following topics
    - Native plant care and establishment
    - Environmental Justice implications of greenspace development and natural infrastructure
- Connecting neighborhood, City, and County residents I know to the following resources
    - Grounded's Lots to Love resources, which can aid in the establishment of meadows and other natural infrastructure

Thank you for considering Grounded as a possible recipient of the Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program grant.

Sincerely,
Brenda Toley

4/7/23



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  - Provide critical habitat for insect and bird species of conservation concern, identified in the Pennsylvania Wildlife Action Plan 2015-2025
  - Mitigate the urban heat-island effect
  - Augment pollination services for nearby agricultural endeavors
- Educating neighborhood, city, and county residents about the value of natural infrastructure within urban areas so that:
  - Neighborhood residents are adequately equipped and skilled to install micro-meadows on their own property
  - City residents are more aware of the issues surrounding natural infrastructure
  - County residents are better able to advocate for natural infrastructure installations (where appropriate) when public comment for regional planning efforts is solicited
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- Assisting Grounded with getting the word out about the value of natural infrastructure in communities, and the disparities in its current presence in our region
- Providing Training developed by Grounded to neighborhood residents on the following topics
  - Native plant care and establishment
  - Environmental Justice implications of greenspace development and natural infrastructure
- Connecting neighborhood, City, and County residents I know to the following resources
  - Grounded's Lots to Love resources, which can aid in the establishment of meadows and other natural infrastructure

Thank you for considering Grounded as a possible recipient of the Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program grant.

Sincerely,
Eugenia Boggus



4/7/23

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Bridgeport Thermal Loop Phase II: Park Avenue EJ Corridor

1234-4.23 Bridgeport Thermal Loop Phase II Environmental Results Logic Model Attachment.pdf
application/pdf
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1235-4.23 Thermal Loop Extension Presentation PowerPoint.pdf
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1236-4.23 Summary of Phase II Park Ave Demand and Cap Ex.pdf
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1237-4.23 BEDCO Proof of Non-profit Status.pdf
application/pdf
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Bridgeport Economic Development Corporation
10 Middle St Fl 14
Bridgeport
CT: Connecticut
06604-4257

XYM7KJ422CU3
Edward P Lavernoich
Ex. 6 Personal Privacy (PP)
lavernoich@brbc.org
President

N: No
None.
None.
None.
Y: Yes
Y: Yes
Y: Yes
N: No
Y: Yes
N: No
N: No
N: No
NA
NA
Edward P Lavernoich
President
2023-04-13

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1238-4.23 Bridgeport Thermal Loop Park Avenue EJ Corridor Project Narrative .pdf
application/pdf
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1239-4.23 E. Lavernoich & G. Page Resumes.pdf
application/pdf
5FMh3ATTlS4b/dL+v4PSqnZM/jE=

1240-4.23 Bridgeport Thermal Loop Phase II Park Avenue EJ Corridor -Letters and Evidence of Community Support.pdf
application/pdf
CqwLFdBTW88mSz3HZcRQy4kVfOY=

Mr.
Edward
P
Lavernoich

President
10 Middle St Fl 14
Bridgeport
CT: Connecticut
06604-4257
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
lavernoich@brbc.org

Mr.
Edward
P
Lavernoich

President
10 Middle St Fl 14
Bridgeport
CT: Connecticut
06604-4257
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
lavernoich@brbc.org

Mr.
Edward
P.
Lavernoich

President
10 Middle Street, Fl 14
Bridgeport

CT: Connecticut
06604
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
lavernoich@brbc.org

Mr.
Grant
Page

Director Of Construction, Waldron Engineering
37 Industrial Drive, Suite G-1
Exeter
NH: New Hampshire
03833
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
gpage@waldron.com

Application
New
2023-04-13
Bridgeport Economic Development Corporation
23-7374878
XYM7KJ422CU3
10 Middle St Fl 14
Bridgeport
CT: Connecticut
06604-4257
USA: UNITED STATES

Mr.
Edward
P
Lavernoich

President
Bridgeport Economic Development Corportion
Ex. 6 Personal Privacy (PP)
lavernoich@brbc.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Bridgeport Thermal Loop Phase II: Park Avenue EJ Corridor
CT-04
CT-04
2023-10-01

2024-09-30
500000.00
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4124810.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Mr.
Edward
P
Lavernoich

President
Ex. 6 Personal Privacy (PP)
lavernoich@brbc.org
Edward P Lavernoich
2023-04-13

BNphs3U6ePRX8EUJrRSeInIUJWU=
2023-04-13T09:41:17.000-04:00
Edward P Lavernoich
GRANT13859837

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/13/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Bridgeport Economic Development Corporation

* b. Employer/Taxpayer Identification Number (EIN/TIN): 23-7374878

* c. UEI: XYM7KJ422CU3

d. Address:

* Street1: 10 Middle St Fl 14
Street2:
* City: Bridgeport
County/Parish:
* State: CT: Connecticut
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 06604-4257

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Mr.
* First Name: Edward
Middle Name: P
* Last Name: Lavernoich
Suffix:

Title: President

Organizational Affiliation: Bridgeport Economic Development Corportion

* Telephone Number: Ex. 6 Personal Privacy (PP)
Fax Number:

* Email: lavernoich@brbc.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Bridgeport Thermal Loop Phase II: Park Avenue EJ Corridor

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: CT-04 | * b. Program/Project: CT-04

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 10/01/2023 | * b. End Date: 09/30/2024

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	3,624,810.00
* f. Program Income	0.00
* g. TOTAL	4,124,810.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Mr. | * First Name: Edward

Middle Name: P

* Last Name: Lavernoich

Suffix:

* Title: President

* Telephone Number: Ex. 6 Personal Privacy (PP) | Fax Number:

* Email: lavernoich@brbc.org

* Signature of Authorized Representative: Edward P Lavernoich | * Date Signed: 04/13/2023

J0OHEOcD28+7czwpETdGGOEcPio=

Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Nourishing A Community: Growing Solutions to Food Insecurity, Food Waste, and Community Resilience to Climate Change and Crisis.

Ms.
Sydney
Clements

Program Manager
54 Windham St
Apt 1A
Willimantic
CT: Connecticut
06226
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)

CLICK INC
41 CLUB ROAD
Windham
CT: Connecticut
06280

VKCGYERQRGS1
Sydney Clements
EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
Program Manager
N: No

N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Leigh A Duffy
Executive Director
2023-04-14

1234-Complete Grant Submission in One File.pdf
application/pdf
ROu4nv4eOnaAdV6kVkYVPpFZ/d0=

1.0
377436.00

21781.00

54910.00

982.00

455109.00

377436.00
21781.00
982.00
9360.00
45550.00
455109.00
455109.00

21781.00
21781.00
21781.00

45550.00
9360.00
54910.00
54910.00

982.00
982.00
982.00

445749.00
21781.00
982.00

9360.00
54910.00
532782.00
532782.00

PLEASE SEE ADDTIONAL BUDGET INFORMATION IN THE ATTACHMENTS

1235-Appendix 1 Logic Model.pdf
application/pdf
Ob8+RjrgbmPixkn1fT9ARUAIyQA=

1236-Appendix 2 Budget.pdf
application/pdf
83BPpb9zQ7hs2kRufDVqx+k0Dyo=

1237-Appendix 3- Partnership Agreement_Evaluation Model.pdf
application/pdf
DvZI1TmGzSX4/fv5lDqMdmfRv0E=

1238-Appendix 4 Letters of Support.pdf
application/pdf
uEi2ePPjht6YXSAPJP+TwRgAaLc=

1239-Complete Grant Submission in One File.pdf
application/pdf
ROu4nv4eOnaAdV6kVkYVPpFZ/d0=

1240-Budget.pdf
application/pdf
NfL2iwVwoUemqWmO7t3+TS5F/1s=

Application
New
2023-04-14
CLICK Inc
45-3938472
VKCGYERQRGS1
41 Club Road
Windham
Windham
CT: Connecticut
06280-0001
USA: UNITED STATES

Sydney
Clements

Program Manager

Windham Community Food Network
EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Environmental Justice Collaborative Problem-solving (EJCPS) Cooperative Agreement

Second
Second
2023-11-30
2026-11-30
455109.00
59700.00
0.00
0.00
0.00
0.00
514809.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Leigh
Anne
Duffy

Executive Director
EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
Leigh A Duffy
2023-04-14

J0OHEOcD28+7czwpETdGGOEcPio=
2023-04-14T18:07:27.000-04:00
Leigh A Duffy
GRANT13861819

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: CLICK Inc

* b. Employer/Taxpayer Identification Number (EIN/TIN): 45-3938472

* c. UEI: VKCGYERQRGS1

d. Address:

* Street1: 41 Club Road
Street2:
* City: Windham
County/Parish: Windham
* State: CT: Connecticut
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 06280-0001

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Sydney
Middle Name:
* Last Name: Clements
Suffix:

Title: Program Manager

Organizational Affiliation: Windham Community Food Network

* Telephone Number: Ex. 6 Personal Privacy (PP)
Fax Number:

* Email: Ex. 6 - Personal Privacy (PP)

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Environmental Justice Collaborative Problem-solving (EJCPS) Cooperative Agreement

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: Second
* b. Program/Project: Second

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/30/2023
* b. End Date: 11/30/2026

18. Estimated Funding ($):

* a. Federal	455,109.00
* b. Applicant	59,700.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	514,809.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix:
* First Name: Leigh
Middle Name: Anne
* Last Name: Duffy
Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 Personal Privacy (PP)
Fax Number:

* Email: Ex. 6 Personal Privacy (PP)

* Signature of Authorized Representative: Leigh A Duffy
* Date Signed: 04/14/2023

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Bridgeport Economic Development Corporation

Address: 10 Middle St Fl 14

City: Bridgeport

State: CT: Connecticut Zip Code: 06604-4257

B. Unique Entity Identifier (UEI): XYM7KJ422CU3

C. Applicant/Recipient Point of Contact

Name: Edward P Lavernoich

Phone: Ex. 6 Personal Privacy (PP)

Email: lavernoich@brbc.org

Title: President

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None.

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None.

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

None.

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☒ Yes ☐ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☒ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII.	**Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)**	☒ Yes	☐ No
	a. Do the methods of notice accommodate those with impaired vision or hearing?	☐ Yes	☒ No
	b. Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?	☒ Yes	☐ No
	c. Does the notice identify a designated civil rights coordinator?	☐ Yes	☒ No
VIII.	**Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))**	☐ Yes	☒ No
IX.	**Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))**	☐ Yes	☒ No

X. If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.

NA

XI. If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.

NA

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Edward P Lavernoich	President	04/13/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Mr. First Name: Edward Middle Name: P
Last Name: Lavernoich Suffix:
Title: President
Complete Address:
Street1: 10 Middle St Fl 14
Street2:
City: Bridgeport State: CT: Connecticut
Zip / Postal Code: 06604-4257 Country: USA: UNITED STATES
Phone Number: 12039135409 **Fax Number:**
E-mail Address: lavernoich@brbc.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: Mr. First Name: Edward Middle Name: P
Last Name: Lavernoich Suffix:
Title: President
Complete Address:
Street1: 10 Middle St Fl 14
Street2:
City: Bridgeport State: CT: Connecticut
Zip / Postal Code: 06604-4257 Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**
E-mail Address: lavernoich@brbc.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: Mr. First Name: Edward Middle Name: P.
Last Name: Lavernoich Suffix:
Title: President
Complete Address:
Street1: 10 Middle Street, Fl 14
Street2:
City: Bridgeport State: CT: Connecticut
Zip / Postal Code: 06604 Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:** Ex. 6 Personal Privacy (PP)
E-mail Address: lavernoich@brbc.org

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: Mr. First Name: Grant Middle Name:

Last Name: Page Suffix:

Title: Director Of Construction, Waldron Engineering

Complete Address:

Street1: 37 Industrial Drive, Suite G-1

Street2:

City: Exeter State: NH: New Hampshire

Zip / Postal Code: 03833 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: gpage@waldron.com

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/03/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Central Maine Community Health Corporation

* b. Employer/Taxpayer Identification Number (EIN/TIN): 01-0386912

* c. UEI: ZDCAQZPBMHY7

d. Address:

* Street1: 300 Main St.
Street2:
* City: Lewiston
County/Parish: Androscoggin
* State: ME: Maine
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 04240-7027

e. Organizational Unit:

Department Name: Healthy Androscoggin

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Corrie
Middle Name:
* Last Name: Brown
Suffix:

Title: Director

Organizational Affiliation: Healthy Androscoggin

* Telephone Number: Ex. 6 Personal Privacy (PP)
Fax Number:

* Email: brownco2@cmhc.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

1235-SF424_4_0-V4.0_14. Areas Affected.pdf | Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Stronger Communities Through Healthier Homes

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: ME-002 * b. Program/Project: ME-002

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 10/01/2023 * b. End Date: 09/30/2026

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	500,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name: Steven

Middle Name:

* Last Name: Littleson

Suffix:

* Title: President and CEO Central Maine Healthcare

* Telephone Number: Ex. 6 Personal Privacy (PP) Fax Number:

* Email: littlest@cmhc.org

* Signature of Authorized Representative: Corrie Brown * Date Signed: 04/03/2023

A5Fz5bJ6+pM+DazRRbFKX+aezjU=

Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Central Maine Community Health

1234-Attachments 1-4 SCTHH Application.pdf
application/pdf
5EAB6HXKlAcnXBQumGbrOzDb+Pk=

Central Maine Community Health Corporation
300 Main St.
Lewiston
ME: Maine
04240

ZDCAQZPBMHY7
Steven Littleson
Ex. 6 Personal Privacy (PP)
littlest@cmhc.org
President and CEO Central Maine Healthcare
N: No
None
None
None
N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Not applicable

Not applicable
Corrie Brown
President and CEO Central Maine Healthcare
2023-04-03

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500000.00

500000.00
500000.00

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FY23 Provisional rate, under review by DHHS, 19.5%
Section B.6.b. Fringe Benefits. The amount of 25% of salaries is an estimated %. The actual fringe benefit rate will be charged when the expense is incurred, regardless of what rate is budgeted in the proposal, not to exceed the approved budget.

Steven
Littleson

President and CEO Central Maine Healthcare
300 Main St.
Lewiston
ME: Maine
04240
USA: UNITED STATES

2077952947
littlest@cmhc.org

Laurie
Botts

Senior Accountant
300 Main St.
Lewiston
ME: Maine
04240

USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
bottsl@cmhc.org

Shelemiah
Baiei-Makinen

Grants Coordinator
300 Main St.
Lewiston
ME: Maine
04240
USA: UNITED STATES

2077955990
baieish@cmhc.org

Corrie
Brown

Director
300 Main St.
Lewiston
ME: Maine
04240
USA: UNITED STATES

2077955990
brownco2@cmhc.org

Application
New
2023-04-03
Central Maine Community Health Corporation
01-0386912
ZDCAQZPBMHY7
300 Main St.
Lewiston
Androscoggin
ME: Maine
04240-7027
USA: UNITED STATES

Healthy Androscoggin
Corrie
Brown

Director
Healthy Androscoggin
Ex. 6 Personal Privacy (PP)
brownco2@cmhc.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency

66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
1235-SF424_4_0-V4.0_14. Areas Affected.pdf
application/pdf
TPxpCLQ6WtvfrdtjuS19AGKMqvA=

Stronger Communities Through Healthier Homes
ME-002
ME-002
2023-10-01
2026-09-30
500000.00
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0.00
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0.00
500000.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Steven
Littleson

President and CEO Central Maine Healthcare
Ex. 6 Personal Privacy (PP)
littlest@cmhc.org
Corrie Brown
2023-04-03

1236-Project Narrative-Final.pdf
application/pdf
78eyz9sWipaXohvriyadseNmSUM=

A5Fz5bJ6+pM+DazRRbFKX+aezjU=
2023-04-03T15:07:24.000-04:00
Corrie Brown
GRANT13845841

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: CLICK INC

Address: 41 CLUB ROAD

City: Windham

State: CT: Connecticut Zip Code: 06280

B. Unique Entity Identifier (UEI): VKCGYERQRGS1

C. Applicant/Recipient Point of Contact

Name: Sydney Clements

Phone: Ex. 6 - Personal Privacy (PP)

Email: Ex. 6 Personal Privacy (PP)

Title: Program Manager

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Leigh A Duffy	Executive Director	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Central Maine Community Health Corporation

Address: 300 Main St.

City: Lewiston

State: ME: Maine Zip Code: 04240

B. Unique Entity Identifier (UEI): ZDCAQZPBMHY7

C. Applicant/Recipient Point of Contact

Name: Steven Littleson

Phone: Ex. 6 Personal Privacy (PP)

Email: littlest@cmhc.org

Title: President and CEO Central Maine Healthcare

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

None

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

Not applicable

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

Not applicable

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Corrie Brown	President and CEO Central Maine Healthcare	04/03/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

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Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: First Name: Middle Name:
Last Name: Suffix:
Title:
Complete Address:
Street1:
Street2:
City: State:
Zip / Postal Code: Country:
Phone Number: **Fax Number:**
E-mail Address:

Payee: *Individual authorized to accept payments.*

Name: Prefix: First Name: Middle Name:
Last Name: Suffix:
Title:
Complete Address:
Street1:
Street2:
City: State:
Zip / Postal Code: Country:
Phone Number: **Fax Number:**
E-mail Address:

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: First Name: Middle Name:
Last Name: Suffix:
Title:
Complete Address:
Street1:
Street2:
City: State:
Zip / Postal Code: Country:
Phone Number: **Fax Number:**
E-mail Address:

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: Ms. First Name: Sydney Middle Name:

Last Name: Clements Suffix:

Title: Program Manager

Complete Address:

Street1: 54 Windham St

Street2: Apt 1A

City: Willimantic State: CT: Connecticut

Zip / Postal Code: 06226 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: Ex. 6 Personal Privacy (PP)

EPA Form 5700-54 (Rev 4-02)

Internal Revenue Service
District Director

Department of the Treasury

G.P.O. BOX 1680
BROOKLYN, NY 11202

Date: SEP 27 1989

Employer Identification Number:
01-0386912
Contact Person:
STANLEY HOROWITZ
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)

CENTRAL MAINE COMMUNITY HEALTH
CORPORATION
PO BOX 1257 364 MAIN STREET
LEWISTON, ME 04240

Our Letter Dated:
March 23, 1988
Addendem Applies:
No

Dear Applicant:

This modifies our letter of the above date in which we stated that you would be treated as an organization which is not a private foundation until the expiration of your advance ruling period.

Your exempt status under section 501(a) of the Internal Revenue Code as an organization described in section 501(c)(3) is still in effect. Based on the information you submitted, we have determined that you are not a private foundation within the meaning of section 509(a) of the code because you are an organization of the type described in section 509(a)(1) and 170(b)(1)(A)(vi).

Grantors and contributors may rely on this determination unless the Internal Revenue Service publishes notice to the contrary. However, if you lose your section 509(a)(1) status, a grantor or contributor may not rely on this determination if he or she was in part responsible for, or was aware of, the act or failure to act, or the substantial or material change on the part of the organization that resulted in your loss of such status, or if he or she acquired knowledge that the Internal Revenue Service had given notice that you would no longer be classified as a section 509(a)(1) organization.

If we have indicated in the heading of this letter that an addendum applies, the addendum enclosed is an integral part of this letter.

Because this letter could help resolve any questions about your private foundation status, please keep it in your permanent records.

If you have any questions, please contact the person whose name and telephone number are shown above.

Sincerely yours,

Eugene D. Alexander
District Director

Letter 1050(DO/CG)

ED_016126_00000027-00001

1.0 PROGRAM OBJECTIVES

a. Project Summary Page

Project Title: Bridgeport Thermal Loop Phase II: Park Avenue EJ Corridor

Project Location: The Phase II project is specifically located on Park Avenue, between South Avenue and Fairfield Avenue, in the South End Neighborhood Revitalization Zone (SENRZ) in Bridgeport, CT. Participating/benefitting properties lie in US Zip codes 06604 & 06605.

Applicant Information: Bridgeport Economic Development Corporation 10 Middle Street FL14 Bridgeport, CT 06604-4257 Edward P. Lavernoich, President lavernoich@brbc.org
Main Ex. 6 - Personal Privacy (PP) Mobile Ex. 6 - Personal Privacy (PP)

Brief Description of Applicant Organization: The Bridgeport Economic Development Corporation (BEDCO), an affiliate of the Bridgeport Regional Business Council (BRBC), is a non-profit community economic development corporation formed under US IRS laws as a 501(c)3 entity and recognized as a charitable organization in good standing by the State of Connecticut. BEDCO can undertake a broad range of economic and community development activities with a determined focus of helping public, private and neighborhood partner organizations implement their own worthy ideas. Selected 2023 Project Activities and/or Goals: Act as fiduciary/fiscal agent/program manager of the Community Environmental Benefit Fund (CEBF) for the Bridgeport Environmental Task Force (ETF); Complete CT DEEP closeout for environmental remediation in Seaview Avenue Industrial Park, achieving "No Further Action" status; Contract for and process awarded $4.77 Million State brownfield remediation and infrastructure grants for Cherry Street Lofts Phase III and Phase IV projects; Assist the East End NRZ and City of Bridgeport in the initial stages of developing the "Mt. Growmore" Agricultural and Wellness Campus.

Grant Request: This application is made for the $500,000 level award.

Project Abstract: NuPower Thermal, LLC (NuPower), in cooperation with the Bridgeport Economic Development Corporation, (BEDCO) is proposing to construct and extend a second phase district energy heating loop (Phase II) of approximately 1200 feet. Phase II will allow zero emission thermal heat to be provided to a number of stakeholder entities that exclusively serve vulnerable and marginalized inner-city populations. Additional end users may also be added in this area. The proposed Phase II project area is within a designated distressed community as well as an environmental justice community. Air pollution levels are significant in the immediate area. By connecting these facilities to a low temperature hot water thermal loop there will no longer be a need to continually run their natural gas fired heating systems thereby eliminating GHG emissions and correspondingly improving indoor air quality. Additionally, energy costs for beneficiaries will be reduced as well as the costs for equipment maintenance.

Project Type: A small-scale infrastructure construction. An EPA grant would be used only for a portion of this purpose, with other (majority of) costs being borne by local and private sources.

Special Considerations and Environmental Issues: Climate change and indoor air quality.

List of Project Partners: New Neighborhoods, Inc. (Franklin and Eleanor Senior Apartments) Bridgeport YMCA, part of Central Connecticut Coast YMCA; City of Bridgeport Board of Education; Bridgeport Rescue Mission; Mercy Learning Center; SENRZ: and NuPower Thermal, LLC (the Thermal Loop developer).

QAPP: At the time of application, it is believed that a QAPP will not be required for this project.

ED_016126_00000031-00001

b. Environmental and Public Health Information of the Underserved Community: The proposed Phase II project area is within a designated distressed community as well as a designated environmental justice community. The neighborhood is a low-income area, with a large percentage of the population being people of color. The entirety of the Phase II project is within 1,000 feet of Interstate 95, and 3,000 feet of several natural gas fired electric plants and a shuttered coal plant. Pollution levels are significant in the immediate area as a result. The thermal loop extension will service stakeholders in two census tracts: 09001070900 and 09001070600. The Council on Environmental Quality Climate & Economic Justice Screening Tool designated these tracts as disadvantaged and overburdened. The population of these two census tracts is predominantly minority. This project will assist in mitigating poor air quality in a marginalized community and will be a part of improving health outcomes for the resident and client populations. The pollutant levels in the immediate area are among the highest in the state:

- The 3-yr average (day design value) for PM 2.5 in Bridgeport is 22 ug/cubic meter, the highest in Connecticut.
- The National Ambient Air Quality Standard (NAAQS) is 35*.
- In 2019, Bridgeport was the only area monitored with any days over 100 on the DEEP Air Quality Index for PM 2.5*.
- According to the American Lung Association, Fairfield County, in which Bridgeport is located, has the highest ozone concentration in the eastern United States and the 20th most polluted ozone rating in the U.S.
- Connecticut ranks in the 10 highest states in the percentage of adults with asthma. While this statistic applies to the entire state the percentages are higher in Bridgeport due to recognized socio-economic factors. The Census Tracts for which service will be provided share the following socio-economic statistics: Low Life Expectancy-96th-88th percentile Low Income- 95-59th percentile Adults with Asthma-86-68th percentile Adults with Diabetes-88-75th percentile.

c. Organization's Historical Connection to Underserved Community: The Bridgeport Economic Development Corporation (BEDCO), an affiliate of the Bridgeport Regional Business Council (BRBC), is a non-profit economic development corporation formed under US IRS laws as a 501(c)3 corporate entity and recognized as a charitable organization in good standing by the State of Connecticut. BEDCO can undertake a broad range of economic and community development activities with a determined focus of helping public, private and neighborhood partner organizations implement their worthy ideas. BEDCO is governed by its own Board of Directors, comprised of nominees from the BRBC Board of Directors, and appointees from the City of Bridgeport's Mayor.

BEDCO was incorporated in 1974 and commenced project operations in 1976 after receiving formal IRS recognition. It has operated continuously since then, at varying levels of staffing and project activity. BEDCO was originally formed to create additional and agile local capacity for project management related to industrial and commercial development activity. While its economic development activity continues, BEDCO has evolved rapidly in recent years to address the lack of formal capacity among Bridgeport's neighborhood organizations, many of them

unincorporated and lacking staff. These circumstances have dire consequences for Bridgeport, and the need for capacity is acute.

BEDCO has current or recent partnership arrangements with the East End Neighborhood Revitalization Zone, the East Side Neighborhood Revitalization Zone, the Downtown Special Services District, the Black Rock Merchants Association, and the Bridgeport Environmental Task Force In each of these arrangements, BEDCO has served as the successful applicant/ grantee, and/or financial fiduciary for projects or programs that were initially conceived and proposed by the other organizations; in some of those cases those organizations were not legally eligible to apply for or receive the grants/funding directly.

More about BEDCO's organizational structure, history and current activities can be seen here: https://www.brbc.org/index.php/home/bridgeport-economic-development-corporation
The informal strategic plan and mission statement of BEDCO is one and the same: Identify companies/ organizations/ residents working on good ideas and help if we can. In the case of neighborhood organizations this help has often been provided by BEDCO with no compensation or negligible compensation required. In recent years, BEDCO has attracted modest corporate support to pursue these initiatives and continues to do so.

BEDCO's has a long history of participating in and often managing brownfield remediation work in the City of Bridgeport's low-income neighborhoods. While this work continues, BEDCO's most prominent recent environmental justice work has been in its role as fiscal agent, fiduciary, and program manager for the Bridgeport Environmental Task Force (ETF). Excerpted from the ETF's website, https://environmentaltaskforce.org/ : "**The Environmental Task Force (ETF) committee, working with the Bridgeport Economic Development Corporation (BEDCO), is managing a $2 Million Community Environmental Benefits Fund. That funding process was established by the Community Environmental Benefit Agreement (CEBA) between PSEG Power Connecticut, the City of Bridgeport, and representative community organizations on February 26, 2016. The ETF, along with BEDCO, are requesting Proposals from individuals and organizations serving the Bridgeport community, including departments of the City's government that are referenced in the CEBA. Selected proposals will be evaluated and considered for funding. For funding consideration, the proposals must advance "*the intents and purposes underlying the adoption of the US Environmental Justice Act including, but not limited to, achieving maximum public health and environmental benefit for the air quality in the neighborhoods surrounding Bridgeport Harbor Station*." Proposals should detail programs, projects, and/or other initiatives that will contribute to the long-term public benefit and wellbeing of the community by addressing health and environmental needs relating to infrastructure, health services, outreach, education, and energy efficiency.**
The CEBA emphasizes the attraction of non-local funding sources to supplement the Community Environmental Benefits Fund: "*The funding agreement shall include provisions to encourage the Designated Organization* (BEDCO)*, the City and the ETF to seek and apply for additional funding as available from governmental, quasi-governmental, and charitable entities and institutions and other programs to increase or supplement the funds available for the purposes stated therein and described above.*" The ETF and BEDCO plan to do that as separate entities, and also require selected proposers to do that as well; proposals that

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provide evidence of the attraction or leveraged funding from non-local sources will receive more favorable consideration than proposals that do not." The referenced Request for Proposals process attracted 23 separate proposals from local/ community organizations, of which 16 were chosen by the Environmental Task Force for allocations from the CEBF. Notably, 3 of the entities chosen for allocations proposed projects related to air quality in the South End or West End of the City, all of which are currently in progress.

Community Driven Participation: The South End Neighborhood Revitalization Zone committee embraced the thermal loop concept early on in its development (see Testimony to State Legislature). Individual organizations on Park Avenue were approached in recent months with the opportunity to connect with the thermal loop, and have embraced it for both the financial savings potential, and the potential to improve outdoor and indoor air quality in the neighborhood.

d. EJCPS Model Utilization

EJCPS Model Element 1- Community Vision and Strategic Planning. The South End Neighborhood Revitalization Zone (SENRZ) Strategic Plan (amended 2022) resulted from an extensive Community Engagement Process (p. 35-37) and references both the fuel cell energy facility (part of Phase I) and district heating and cooling loop (p.49) https://bridgeportct.gov/filestorage/341307/341419/342516/SouthEnd_NRZ_Plan_2014_Approved_modified_2022.pdf

EJCPS Model Element 4- Multi-Stakeholder Partnerships and Leveraging of Resources. The beneficiaries/ stakeholders on Park Avenue have been presented with an opportunity to participate in (connect to) a Thermal Loop Phase II project. Several have been aware of the SENRZ Strategic Plan and welcome the extension of the thermal loop into their portion of the South End neighborhood. Connecting with the thermal loop is not compulsory in any way, just an opportunity. EPA EJ grant funding will enable the mobilization of an estimated $3.6 Million in private capital for the Phase II project.

e. Project Linkages

The Bridgeport Thermal Loop Phase II: Park Avenue EJ Corridor project supports EPA Strategic Plan Goal 2, Objective 2.1, by "Building capacity and climate resilience and maximizing benefits to overburdened and underserved communities", through improved outdoor and indoor air quality and the opportunity for beneficiaries to realize cost savings related to heating and cooling. These reduced expenses allow the stakeholder organizations (all not-for-profit in some form) to re-route the money that would have otherwise been spent on heating and cooling to preserve and/or expand services. In addition, the Phase II project supports federal, state, and local government policies related to energy conservation, air quality improvements, and operational affordability in a disadvantaged/ marginalized/ underserved community.

f. Partner and Collaborate

The Bridgeport Thermal Loop project, taken in its entirety (Phases I and II), is a partnership of private industry (NuPower Thermal, Approved Storage and Waste Hauling, Inc.), government (City of Bridgeport Board of Education), higher education (University of Bridgeport), and the various not-for-profit entities in the Phase II: Park Avenue EJ Corridor. As cited earlier, Phase II partners are expected to include the Bridgeport YMCA, part of Central Connecticut Coast YMCA; City of Bridgeport Board of Education; Bridgeport Rescue Mission; Mercy Learning Center; New Neighborhoods, Inc. (Franklin and Eleanor Senior Apartments). The expectation is that these partners will connect with the thermal loop when the Phase II extension is completed, but only if they deem on an individual case basis whether the connection makes financial and operational sense for them. Conversations are on-going with each of these entities; the Commitment Letters obtained to-date can be found in the Attachments.

Applicable requirements in 2 CFR Part 200, EPA Guidance of Participant Support Costs

If awarded the EPA EJ $500,000 grant will be part of a total Phase II project with an estimated gross cost of $4,124,810. The EPA EJ grant will be utilized to partially shoulder the costs of extending the thermal loop to the property boundaries of the beneficiaries/stakeholders. This specific component of the Phase II project, including that portion funded with private capital, will be competitively procured in compliance applicable federal/EPA policies.

2.0 PROJECT ACTIVITIES/ MILESTONE SCHEDULE

a. Project Activities

Necessary background: NuPower Thermal LLC (NuPower) is the parent company to The Bridgeport Thermal Limited Liability Company which received a thermal carrier license by act of the Connecticut Legislature. This license allows the company the ability to install and operate thermal pipe in the city streets, similar to gas or electric utilities. NuPower will begin construction of Phase I of the thermal loop in spring/summer 2023. Phase I consists of a 9.66 mega-watt fuel cell installation located at 600 Iranistan Avenue in Bridgeport that connects to an underground pipe heating system. The thermal pipe system is already contracted to connect to major institutions (University of Bridgeport & the new Bassick High School), and a private employer (Approved Storage and Waste Hauling DBA Future Healthcare Systems) in the city's South End neighborhood. Residual (waste) heat from the fuel cells is utilized to create hot water which is piped to customers. District heating is highly efficient. Over 8000 annual tons of GHG emissions will be reduced because of Phase I. The electricity generated by the fuel cells will be sold under a 20-year contract to United Illuminating, the local utility. All Phase I contracts and government approvals have been secured. Significant heat capacity is available beyond the Phase I commitments. NuPower and BEDCO determined that a Phase II continuing north from the fuel cell installation would provide significant benefit to other stakeholders along Park Avenue. While district energy is considered one of the most environmentally beneficial and efficient means of heating and cooling, the up-front capital costs of Phase II extension are significant, and cannot be borne solely through private financing. Each of the participating stakeholders will connect to the thermal loop by installation of a heat exchanger that bypasses an existing gas boiler and provides hot water to the building's existing heating system. Heat exchangers are proven technology and typical in this form of arrangement. A 2-inch lateral pipe will run from the heat exchanger to the main trunk line in Park Ave. NuPower will install heat exchangers and

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controls at no cost to the stakeholders. Once connected to the heating loop the stakeholders no longer run their natural gas boilers and therefore generate no emissions. Boilers are left in place to provide emergency back-up in the remote possibility of a system shutdown. Stakeholders will be charged for heat, but at a 10 per cent discount on conventional gas consumption. In addition to reduced cost stakeholders will also dramatically reduce annual boiler maintenance costs.

b. Milestone Schedule

The construction of the Phase II Thermal Loop extension is expected to commence in October 2023, with the expectation that it will be completed within 12 months. Public permits for street opening in the Phase II area must be obtained from the City of Bridgeport. The majority of the thermal pipe laying in the public streets are planned for spring 2024, and assuming street opening permits have been obtained, can be accomplished in 90-120 days. The stakeholder properties are expected to be connected and retrofitted with heat exchangers prior to December 2024.

c. Itemized Budget (for illustrative purposes only; will be included in Attachments)

If awarded, the EPA EJ $500,000 grant would be utilized toward the "Piping Installation" cost.

Capital Cost Breakdown	
Pipe Material	818,932
Piping Installation	1,455,878
Piping Total	**2,274,810**
Equipment	378,000
Equipment Installation	522,000
Equipment Total	**900,000**
Fuel Cell Site Equipment	105,000
Fuel Cell Site Equipment Installation	145,000
Fuel Cell Site Upgrade Total	**250,000**
Engineering	301,000
Construction Management	399,000
Engineering and CM Total	**700,000**
Total	**4,124,810**

3.0 Environmental Results- Outputs, Outcomes and Performance Measures

a. Environmental Results/ Logic Model. See attachment.

b. Performance Measurement Plan. The project performance will be measured by the continuity of the thermal loop service. When the thermal loop is operational, there will be no emissions from on-site machinery (e.g., boilers), and hence improved indoor air quality and cost savings. EPA's accepted conversion factor for greenhouse gases will be utilized. NuPower will monitor the reduction of natural gas usage of each participating facility as part of its routine billing practice.

c. Sustainability Plan and Community Vision

The City of Bridgeport's 2019 Master Plan of Conservation and Development includes the Guiding Principle of a Healthy Community that through Goal 4.8.2 will "Protect and improve air quality; Continue to reduce carbon dioxide and other noxious emissions." Actions: 1: Work with City Engineering Department and Bridgeport Schools to identify measures that can be taken to reduce emissions from City and School buildings.

The South End Neighborhood Revitalization Zone (SENRZ) Strategic Plan (2014,amended 2022) resulted from an extensive Community Engagement Process (p. 35-37) and references both the fuel cell energy facility (part of Phase I) and district heating and cooling loop (p.49).

The beneficiaries/stakeholders in the Thermal Loop Phase II project have a "double bottom line" that encourages their participation: Improved indoor air quality, and financial savings related to heating and cooling costs. The outcomes of the Bridgeport Thermal Loop project in both phases are intended to be demonstration projects with outcomes that encourage future projects of the same type in Bridgeport and elsewhere.

4.0 Programmatic Capability

a. Organizational Experience. The Bridgeport Economic Development Corporation (BEDCO) has successfully managed numerous grant funded projects during its existence, successfully managing public procurement and grant compliance. The proposed project will be construction-intensive but relatively simple to oversee from a grantee perspective, as an experienced construction manager, Waldron Engineering & Construction, Inc., has been retained by NuPower.

b. Staff Experience/ Qualifications of Project Manager.
BEDCO, at present, has one permanent employee. Edward Lavernoich, BEDCO's President, has

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had approximately 30 years of experience during his career in initiating and managing brownfield redevelopment projects, including Bridgeport's West End, where a well-conceived Chapter 132 Municipal Development Plan initially managed by Lavernoich attracted $12 Million of state and federal support. That public investment funded the acquisition, clearance and remediation of sites that ultimately accommodated approximately $100 Million of private investment and triggered other private investment in the area. BEDCO typically retains necessary technical expertise and project management assistance via contractual services. Lavernoich is experienced in managing multiple consultants and vendors on a project.

NuPower has selected Waldron Engineering to be the General Contractor for the entire Thermal Loop including the Park Avenue expansion. This entails providing the engineering and construction for the entire thermal system throughout Bridgeport's South End. Phase I and Phase II of the project are estimated to cost approximately $14 million and will include all of the projects' components including pipeline installation, customer site mechanical work and instrumentation controls. Waldron will similarly be responsible for the thermal loop's expansion along Park Avenue as a natural outgrowth of their general contractor role for the entire thermal loop system. Grant Page, Director of Construction, will oversee the project's implementation. Further information on Waldron can be found at www.Waldron.com . Note: If awarded, the EPA EJ $500,000 grant will be utilized exclusively for the pipeline/piping installation. A sub-contractor for the piping installation portion of the project, (estimated at $1,455,878) will be procured in accordance with applicable federal grant requirements.

c. Expenditure of Awarded Grant Funds.

The awarded EPA EJ grant funds would be requested on a "cash on delivery" basis; they would be the last funds into the project, after all other funds are expended, and all elements of the project's implementation are completed.

5.0 Past Performance.

The Bridgeport Economic Development Corporation does not have relevant past performance experience related to federal or non-federal grants for this type of project.

6.0 Quality Assurance Plan (QAPP) Information.

At the time of this application, it is believed that a QAPP will not be required.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Steven | Middle Name:
Last Name: Littleson | Suffix:
Title: President and CEO Central Maine Healthcare

Complete Address:

Street1: 300 Main St.
Street2:
City: Lewiston | State: ME: Maine
Zip / Postal Code: 04240 | Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: littlest@cmhc.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Laurie | Middle Name:
Last Name: Botts | Suffix:
Title: Senior Accountant

Complete Address:

Street1: 300 Main St.
Street2:
City: Lewiston | State: ME: Maine
Zip / Postal Code: 04240 | Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: bottsl@cmhc.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Shelemiah | Middle Name:
Last Name: Baiei-Makinen | Suffix:
Title: Grants Coordinator

Complete Address:

Street1: 300 Main St.
Street2:
City: Lewiston | State: ME: Maine
Zip / Postal Code: 04240 | Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: baieish@cmhc.org

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: | First Name: Corrie | Middle Name:

Last Name: Brown | Suffix:

Title: Director

Complete Address:

Street1: 300 Main St.

Street2:

City: Lewiston | State: ME: Maine

Zip / Postal Code: 04240 | Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**

E-mail Address: brownco2@cmhc.org

EPA Form 5700-54 (Rev 4-02)

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Green Beverly

Address: 100 Cummings Center, Suite 350-E

City: Beverly

State: MA: Massachusetts Zip Code: 01915

B. Unique Entity Identifier (UEI): NTWNSMLK28Y7

C. Applicant/Recipient Point of Contact

Name: Dean Berg

Phone: Ex. 6 Personal Privacy (PP)

Email: dean@greenbeverly.org

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☐ Yes ☒ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☐ Yes ☒ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Dean Berg	Executive Director	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Dean | Middle Name:
Last Name: Berg | Suffix:

Title: Executive Director

Complete Address:

Street1: 100 Cummings Center, Suite 350-E
Street2:
City: Beverly | State: MA: Massachusetts
Zip / Postal Code: 01915 | Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**

E-mail Address: dean@greenbeverly.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Steve | Middle Name:
Last Name: Becker | Suffix:

Title: CFO

Complete Address:

Street1: 100 Cummings Center, Suite 350-E
Street2:
City: Beverly | State: MA: Massachusetts
Zip / Postal Code: 01915 | Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**

E-mail Address: Ex. 6 - Personal Privacy (PP)

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Dean | Middle Name:
Last Name: Berg | Suffix:

Title: Executive Director

Complete Address:

Street1: 100 Cummings Center, Suite 350-E
Street2:
City: Beverly | State: MA: Massachusetts
Zip / Postal Code: 01915 | Country: USA: UNITED STATES

Phone Number: 9783951006 | **Fax Number:**

E-mail Address: dean@greenbeverly.org

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: | First Name: Shelley | Middle Name:

Last Name: Lee | Suffix:

Title: Program Director

Complete Address:

Street1: 100 Cummings Center, Suite 350-E

Street2:

City: Beverly | State: MA: Massachusetts

Zip / Postal Code: 01915 | Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**

E-mail Address: shelley@greenbeverly.org

EPA Form 5700-54 (Rev 4-02)

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) | Willimantic, CT 06226|
Ex. 6 - Personal Privacy (PP) | Ex. 6 - Personal Privacy (PP)

Education

University of Connecticut, Storrs, CT| September 2020-Present

PhD Student, Department of Geography, College of Liberal Arts and Sciences, Certificate in College Instruction

University of Connecticut, Storrs, CT |September 2014-May 2016

Bachelor of Arts, College of Liberal Arts and Sciences, Major: Psychology Minor: Digital Marketing & Analytics

Experience

Eastern Connecticut State University, Adjunct Professor, Willimantic, CT | January 2023-Present

- Classes taught: Geography of Food
- Facilitate student outreach amongst community food system partners

UConn, Sustainable Community Food Systems Program, Intern Supervisor, Storrs, CT |May 2022-September 2022

- Supervise undergraduate fellows for their field placements in the program
- Act as a liaison between field placement sites and administrative team

UConn Geography Department, Teaching Assistant, Storrs, CT | September 2020-Present

- Assist students with class material via office hours and email
- Worked in the following classes: Introduction to Geography, Fall 2020, Spring 2021 | Globalization, Fall 2021 | Economic Geography, Spring 2022 | New Digital Worlds of Geographic Information Science, Spring 2022

Windham Community Food Network Coordinator, Willimantic, CT | November 2017-Present

- Administer and coordinate community programs (Mesa Comunitaria, Plant-A-Row, community survey initiatives)
- Build partnerships with agencies and utilize their resources to create a stronger local food system
- Create systems for program management to ensure projects are executed smoothly and completed on time
- Organize and promote events and fundraisers (Know Your Farmer Fair, Community yoga series, and Veggiestock)
- Manage fundraising/grant writing and budget documents
- Maintain website, social media, contact list database and newsletter
- Develop informational resource guides (Local Buying Guide, and Food System Resource Guide)
- Recruit and oversee volunteers and interns from the community and local universities

Institute for Sustainable Energy, Sustainability Specialist, Willimantic, CT | July 2019-July 2020

- Calculated and reported Eastern Connecticut State University's Greenhouse Gas Emissions and sustainability practices
- Revised and expanded on ECSU's 2009 Climate Action Plan
- Researched best climate change mitigation practices and adapted them to Eastern's campus
- Coordinated faculty, staff and student engagement in climate change initiatives
- Facilitated Green Campus Committee meetings and other climate change centered events on campus

New Connecticut Farmers Alliance, Part-Time Coordinator, Willimantic, CT | April 2018-November 2019

- Planned conferences, meetings and events for farmers ranging from 5-100 participants
- Arranged and documented Steering Committee meetings
- Created marketing and informational material for members
- Managed membership database, ListServ, social media accounts and website
- Sustained relationship with National Young Farmers Coalition and other CT Agriculture agencies

University of Connecticut Geography Department, Administrative Assistant, Storrs, CT | December 2015-May 2016

- Managed confidential data including department credit card transactions, faculty salary information, and Promotion, Tenure and Reappointment (PTR) files
- Worked closely with students, faculty, university staff, local organizations, community members and parents
- Assisted in the coordination of Department events including the colloquium series and annual award ceremony

Connecticut Geographic Alliance, Operations Manager, Storrs, CT | October 2014-July 2016

- Planned and coordinated events (The CT BioBlitz, The CT High School Geography Challenge and annual meetings)
- Found and developed educational content and opportunities to share with Connecticut Social Studies teachers

Skills and Certifications

- Computer Skills: Adobe Creative Cloud, Canva, Microsoft Office, WordPress, Internet, Google Plus, LISTSERV, Mailchimp and social media management
- Certifications: UConn Master Gardener (Class of 2019)

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)

EDUCATION

Easter Connecticut State University 2009
M.A. Masters Organization Management

Eastern Connecticut State University 2005
B.A Sociology and Applied Sciences.

Quinebaug Valley Community College 2002
Associates Degree in Liberal Arts and Sciences

University of Connecticut, 1976, College of Liberal Arts

ORGANIZATIONAL MANAGEMENT WORK EXPERIENCE

Executive Director, CLICK INC – September 2019 to present.
CLICK INC, 41 Club Road, Windham CT.
Executive Director, Windham No Freeze Project - Sept 2010 to June 2019
The Windham Region No Freeze Hospitality Center, Inc. 75 Bridge Street, Willimantic CT
Health Care Access and Promotion Services Director- May 2007 to July 2010
Generations Family Health Center, Inc. (FQHC) Mansfield Avenue, Willimantic CT
Health Care to the Homeless Program Director- August 2005 to May 2007
Generations Family Health Center, Inc. (FQHC) Mansfield Avenue, CT

SUMMARY OF MANAGEMENT QUALIFICATIONS

- Grant management to include program oversight, program planning, staff supervision and accounting.
- Participate in grant preparation, development and reporting of program objectives.
- Create and maintain networking systems for the dissemination of information and integration of services.
- Collect, aggregate and analyze data.
- Develop and coordinate individual and group education projects, support groups and consumer focus groups.
- Provide Human Resources support for hiring, training and maintaining staff.
- Establish and maintain collaborative relationships with key community leaders and community-based organizations in targeted communities.
- Excellent communication skills, written and oral. Public speaking experience.
- Knowledge of Microsoft office, Excel and Access databases.
- Knowledge of quality management planning.
- Provide leadership with organizational strategic planning and implementation.
- Prepare and implement fundraising campaigns

SOCIAL SERVICES WORK EXPERIENCE

HIV/AIDS Outreach Worker – March 2002 to August 2005
Windham Regional Community Council, 766 Main Street, Willimantic, CT
Ryan White II Case Manager- November 2004 to January 2005
Healthcare for Uninsured Kids and Youth Outreach Coordinator - January 2001 to February 2002
Windham Regional Community Council, 766 Main Street, Willimantic CT
Head Start Home Visitor/Family Advocate – October 1997 – May 2000
Access Agency, Inc. Head Start Program

State of Connecticut – Social Service Intake, November 1996 - October 1997
State of Connecticut, Department of Social Services
Responsibilities included explaining and processing childcare benefits for working families on state assistance. Approved applications and dispersed childcare payments to childcare providers.

PROFESSIONAL DEVELOPMENT

Trained on Motivational Interviewing Techniques 2009, 2010
Dr. Thomas Broffman, Eastern CT State University

Connecticut Ryan White Cross Part Quality Management Team 2008-2010
Participated as a team Leader for Connecticut for a federal Quality Management Project developing and integrating Quality management initiatives across the state for programs receiving federal Ryan White funding providing services to people living with HIV/AIDS.

Presented at the 104th Annual Meeting of the American Anthropological Association on *Integrating HIV Testing & Counseling into Sexual Assault Crisis Programming.*

Race/Culture Facilitator Training, Windham Public School March 23-25, 2000
Completed training to be a facilitator for WPS volunteer race/culture workshops open to students, staff and the community at large.

COMMUNITY LEADERSHIP

Renaissance Inc. - Board member 2019 - present

Willimantic Whitewater Partnership – Board secretary 2017 – 2023

CLICK, INC Board member- 2010 –2011 and 2019

Mansfield Town Council - May 2007 to November 2009
Ex. 6 Personal Privacy (PP) Mansfield CT 06268

Mansfield Sustainability Committee Chair - July 2009 to 2009
Town of Mansfield

Windham No Freeze Hospitality Center – 2003 to 2010
Board of Directors, volunteer

CT National Organization for Women - November 2000 to 2008
State Board of Directors
President, Northeastern CT NOW Chapter

Children's Law Center, September - 2003 to 2004
Board of Directors

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Ex. 6 - Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) Willimantic CT, 06280

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Highlights

- Ability to speak fluent Spanish.
- Completed VT Master Composter Program
- Completed Certified Nurses Aide Program
- Community Care Clinic Volunteer Program
- Proficient in Microsoft Office including Excel and PowerPoint.
- Able to manage and implement Social Media campaigns.
- A strong desire to heal others in a holistic approach utilizing food as medicine.

Education

National University of Natural Medicine **09/18- 10/19**
Masters of Science in Nutrition

The University of Connecticut **08/14-12/16**
Bachelors of Science in Allied Health Sciences

Colorado Mountain College **08/09-12/13**
Associates of Arts

Experience

CLiCK Inc.
Willimantic,CT
Food Systems Manager **06/23 - Present**

- Manage all aspects of the Food Access Program which includes development of the mid tier value chain project, processing, and composting programs at CLiCK.
- Manage the *The Local Food Marketplace* database data entry as well as reporting.
- Provides supervisory support for the processing coordinator and processing staff.
- Manage CLiCK Food Rescue program which receives gleaned produce to make shelf stable and return to a community food box program.
- Recruit and strengthen partnerships with local small and mid-size farmers.
- Manage aggregation and distribution of local produce to local markets and institutions
- Oversee composting program at CLiCK in partnership with the WCFN to expand their composting initiative to the community.

CLiCK Inc.
Willimantic, CT
Education Coordinator **12/19 - 06/23**

- Organize, develop, coordinate, and manage educational aspects of the CLiCK education program.
- Develop curriculum for CLiCK classes including, but not limited to culinary arts, gardening, food preservation, sustainability, nutrition, holistic medicine for youth programming and the local community.
- Model effective teaching techniques and provided training, including setting up workshops given by other professionals in the community.
- Responsible for ordering educational materials and supplies, assisting in budgeting and all marketing of the program.
- Assist in community outreach, networking and fundraising activities.
- Create and lead informational videos and workshops related to the CLiCK's mission.

Minimal Impact **08/21- Present**

Silverthorne, CO
Seasonal Zero Waste Event Manager

- Assist in the pre-show setup and planning of waste flow collection and mapping of receptacle placement.
- Educate food vendors on recyclable and compostable material and organize the collection of food vendor waste.
- Engage fans and encourage them to participate in sustainability programs through education and outreach.
- Provide Zero Waste training and volunteer coordinating each show.
- Collect recycling items and trash before, during, and after the show to guarantee the cleanliness of the venue
- Make certain that all recyclable items are properly disposed of or stored properly
- Assist in post-show clean up, sorting process of all recycling, composting, and landfill materials
- Assist in post-show venue breakdown and oversee the hauling process.

The National University of Natural Medicine Clinic
Portland, OR
Clinical Rotation **03/19- 09/19**

- Performed nutritional interviews addressing patient concerns, nutrition goals and implement the nutrition care process
- Assessed the individual's nutritional status and develop effective strategies to address health concerns.
- Developed nutritional plans that are warranted, manageable and supported by evidence
- Demonstrated effective collaboration and communication within a health-care team
- Record accurately and professionally in chart, SOAP note format using current EMR software
- Adhere to HIPAA and professional, ethical clinical guidelines

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Ex. 6 - Personal Privacy (PP) Mansfield Center CT Ex. 6 Personal Privacy (PP)

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Work History

Market Manager – Willimantic Farmers Market March 2023-Current

Handling day-to-day management of local farmer's market, including website, advertising, applications, inquiries, newsletters, fundraising and grant writing.

Educational Program Assistant 1 – UConn Extension March 2022-Current

Part time position assisting 4-H, EFNEP, Master Gardeners, and Livestock programs. Responsibilities include fiscal duties, creating educational materials, advertising, website updates, social media management, and facilitating collaboration between educators.

Community Table Coordinator – Windham Community Food Network January 2022-Current

Part time position managing the Community Table Program: recruiting volunteers, collaborating with community partners, sourcing, coordinating with recipients, conducting outreach, fundraising and grant writing/development.

Farmer – Foliota Farm March 2022-Current

Developed a small farm business on residential land specializing in regenerative farming techniques. We produce cut flowers and herbs which are sold locally.

Farm Hand – Assawaga Farm April 2021-November 2021

Apprenticeship on an organic, regenerative farm with an emphasis on soil microbiology health, low soil disturbance, and hand work. Daily activities included seeding, transplanting, harvesting, composting, going to market and more.

Farm Hand – Cloverleigh Farm April 2020-November 2020

Involvement in all farm duties required for organic vegetable production at a CSA farm. Performed seeding, watering, and care in a hoop house, transplanting, irrigation setup, plant maintenance, integrated pest management, harvesting, and front of house CSA distribution.

GIS Technician – MassGIS November 2018 – November 2019

Duties included integrating municipal address data for the State 911 department as part of the Next Generation emergency system in Massachusetts. Included collaborations with town agencies, GIS departments, and schools.

Field Manager – ARCAmazon 2017 – May 2018

Responsibilities included scheduling, team management, hiring, website development, small construction projects, marketing, onboarding, and data entry and analysis. Additional responsibilities included project design and implementation of research focused on mycology and agroforestry, leading volunteers in field research, and educating student groups. Assisted in land management strategies and development of a protected watershed corridor.

Executive Director and Cofounder, Hoja Nueva September 2014 – March 2017

An engaging and rewarding experience developing an agroforestry initiative in the Peruvian Amazon alongside local agricultural co-ops. Responsibilities included developing organizational structure and non-profit paperwork, coordination of activities and projects, design and implementation of two experimental cacao plots, budgeting, management of team members, collaboration with the agricultural community, and design and oversight of lodge construction.

Professional Experience

Mansfield Agricultural Committee Member	February 2023-Current
Certified ServSafe Manager	December 2021-Current
Connecticut Master Gardener	October 2020-2023
Mushroom Grower, Mousam Valley Mushrooms	July 2018-September 2018
Ambassador, Living Future Institute	October 2017 – October 2018

Education

BS in Conservation Biology June 2015

SUNY College of Environmental Science and Forestry and Syracuse University

Languages

Fluent in English and Spanish

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Curriculum Vitae

Email: Ex. 6 - Personal Privacy (PP)

Academic Appointments

2021- **Eastern Connecticut State University**
Assistant Professor of Public Health, Department of Health Sciences

2018- **Fort Lewis College**
2021 Assistant Professor of Public Health, Health Sciences Department

2017- **Colorado School of Public Health**
2018 Instructor of Environmental and Occupational Health

Education

2018 **Ph.D. Health and Behavioral Sciences**
University of Colorado Denver

2011 **Master of Science in Public Health**
The Johns Hopkins Bloomberg School of Public Health
Concentration: Social and Behavioral Interventions

2007 **B.A. Anthropology with Honors**
B.A. Biology
University of Denver
Minors: Psychology and Chemistry

Teaching

Eastern Connecticut State University
Discipline Courses:
PBH 350 Community Behavioral Health
General Education Courses:
HSC 100 Foundations of Health Sciences
PBH/HSC 209 Public Health Nutrition

Fort Lewis College
Core Courses: Health Education and Communication
Community Behavioral Health
Social Determinants of Health and Health Equity
Program Planning and Evaluation
Introduction to Public Health
Electives: Food Justice and Health

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Health and Nature

Supervisor of Independent Study, Internships and Theses

2022 **Eastern Connecticut State University Internship Advisor**
Healthy Food for Kids in East Hartford, Ex. 6 Personal Privacy (PP)

Suicide Prevention in West Hartford, Ex. 6 Personal Privacy (PP)

Cannabis Harm Reduction in Dispensaries, Ex. 6 Personal Privacy (PP)

2020 **Fort Lewis College Undergraduate Research Mentor**
Navajo Health Empowerment through Small Businesses, Ex. 6 Personal Privacy (PP)

Fort Lewis COVID-19 Response Health Communication, Ex. 6 Personal Privacy (PP)

Traditional Use of Southwest Plants by the Jicarilla Apache, Ex. 6 Personal Privacy (PP)

Food Justice Community Asset Assessment, Ex. 6 Personal Privacy (PP)

2019 Adventure Education Teaching Assistant, Ex. 6 Personal Privacy (PP)

Consent Culture and Male Student Athletes; Through a Critical Race Theory and Black Feminist Theory Lens, Ex. 6 Personal Privacy (PP)

An Ethnographic Study of Commercial Tobacco Use on Fort Lewis College, Ex. 6 Personal Privacy (PP)

2018 Perceptions of Cannabis Use in Pregnancy, Ex. 6 Personal Privacy (PP)

Commitment to Teaching Development

Eastern Connecticut State University

2022 Teaching At-Risk and Neurodiverse Students
Leveraging ELAC to Support your Program

2021 Early Adopters of Critical Thinking Workshop

2020 **Fort Lewis College**
Faculty Learning Circle Equity in Pedagogy

2019 Culturally Responsive Pedagogy: Responding to the Needs of American Indian and Alaska Native Students

Creative Activity

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Peer Reviewed Journal under Review

1. Ex. 6 Personal Privacy (PP) Employees that light themselves on fire to keep the fires burning; NPS Personnel, Precarious Work and Meaning-Making. *Journal of Outdoor Recreation and Tourism*

Peer Reviewed Journal Articles in Press

2. Ex. 6 Personal Privacy (PP) "The stories we tell: Engaging with narrative inquiry in undergraduate public health pedagogy": *Communications in Information Literacy*

Published Peer Reviewed Journal Articles

3. Ex. 6 Personal Privacy (PP) (2022). "It's so Natural It Goes Hand in Hand": A Qualitative Study of Maternal Perceptions of Cannabis Use during Pregnancy. *Journal of Psychoactive Drugs*, 1-8.

3. Ex. 6 Personal Privacy (PP) (2021). Indigenous Empowerment Through Community-Engaged Health Education Curriculum: Health Promotion in a Commercial Tobacco Cessation Campaign. *Pedagogy in Health Promotion*, 23733799211006130

4. Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) (2018). Social and Integrative Approaches to Health in Zion National Park. *The George Wright Forum, 35*(2).

5. Ex. 6 Personal Privacy (PP)
(2017). Civil War buff, to just buff: Examining communication strategies to influence physical activity behaviors in Gettysburg National Military Park. *Recreation, Parks, and Tourism in Public Health*, *1*, 81-102.

6. Ex. 6 Personal Privacy (PP)
(2014). Assessing knowledge and attitudes of diabetes in Zuni Indians using a culture-centered approach. *PLoS One*, *9*(6), e99614

7. Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) (2014). Identifying barriers to healthcare to reduce health disparity in Zuni Indians using focus group conducted by community health workers. *Clinical and translational science*, *7*(1), 6-11

8. Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) (2013). The genetics of childhood obesity and interaction with dietary macronutrients. *Genes & nutrition*, *8*(3), 271-287.

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9. Ex. 6 Personal Privacy (PP) (2012). Factors influencing ordering practices at Baltimore City carryouts: qualitative research to inform an obesity prevention intervention. *Ecology of food and nutrition*, *51*(6), 481-491.

10. Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) (2010). Characteristics of prepared food sources in low-income neighborhoods of Baltimore City. *Ecology of food and nutrition*, *49*(6), 409-430.

11. Ex. 6 Personal Privacy (PP) (2008). Food, lifestyle and fitness: obesity in central Thailand. *The Journal of the Federation of American Societies for Experimental Biology*. 22:866.11.

Invited Presentations

1. Ex. 6 Personal Privacy (PP) 2021, The Stories We Tell: Critical Engagement with Health Research. Presentation to the Workshop for Instruction in Library Use. Halifax, Nova Scotia, Canada.

2. Ex. 6 Personal Privacy (PP) 2020, Page to Stage: A Reader's Theatre Performance Workshop for Embodiment and Illumination in Academic Research Presentations. Presentation to the International Congress of Qualitative Inquiry. Champaign Urbana, Illinois. Canceled due to Covid 19.

3. Ex. 6 Personal Privacy (PP) 2019, A qualitative study of the perceived risks and benefits of cannabis during pregnancy. Presentation to American Public Health Association. Philadelphia, PA.

4. Ex. 6 Personal Privacy (PP) 2019, Consent Culture and Male Student Athletes; Through a Critical Race Theory and Black Feminist Theory Lens. Presentation to American Public Health Association. Philadelphia, PA.

5. Ex. 6 Personal Privacy (PP) 2019, Using participatory pedagogical strategies to increase the capacity of students to do community based work in an undergraduate health communication course focused on commercial tobacco cessation. Presentation to Public Health in the Rockies, Keystone, CO

6. Ex. 6 Personal Privacy (PP) 2019, Normative Nature, Exclusion in "active" and "passive" engagement and health in an Alaskan National Park, Presentation to American Association of Geographers, Washington, DC

7. Ex. 6 Personal Privacy (PP) 2018, Front and Back, Fit and Fat: Exploring Authenticity Discourses in Nature-Based Tourism in an Alaskan National Park, Presentation to American Association of Geographers, New Orleans, LA

8. Ex. 6 Personal Privacy (PP) 2018, Pediatric Patient and Family Caregiver Experiences of Pain Following Spine Surgery: Preventable Harms, Presentation to Academy Health; Seattle, WA

9. Ex. 6 Personal Privacy (PP) 2017, Engaging Multiple Discourses to Produce Health in Parks; an Ethnographic Case Study of Klondike Gold Rush National Historical Park, Presentation to American Association of Geographers, Boston, MA

10. Ex. 6 Personal Privacy (PP) 2017, Construction of Nature and Health; Perceived Health Benefits of Engaging with Klondike Gold Rush National Historical Park, Presentation, The George Wright Society, Norfolk, WV

11. Ex. 6 Personal Privacy (PP) 2016 Differing Views of Wellbeing and Perceived Health Benefits Associated with Engagement with a Small National Park in Southeast Alaska, Poster, Society for Applied Anthropology, Vancouver, BC.

12. Ex. 6 Personal Privacy (PP) 2012 Creating a Statewide and Regional Internal Review Board (IRB) to Facilitate Community-UNM Health Sciences Center Engagement. Poster. Association for the Accreditation of Human Research Protection Programs Conference, Denver, CO.

13. Ex. 6 Personal Privacy (PP) 2011 Community Based Participatory Approach to Interrelated Epidemics of Obesity, Diabetes and Kidney Disease in the Zuni Pueblo. Poster. American Society of Nephrology Annual Meeting, Philadelphia, PA.

14. Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) 2011 Use of Community Workshops to Develop a Culturally Tailored Obesity and Diabetes Intervention Program for American Indian Communities. Poster. Navajo Nation Human Research Review Board Research Conference, Window Rock, AZ

Grant Proposals and Independent Support

2023 **Eastern Connecticut State University**
Open Educational Resources Grant, $1,500
Adoption of Open Educational Resources for Introduction to Public Health to Increase Educational Equity for HSC 100 Foundations of Health Sciences
Connecticut Department of Higher Education
Received

Open Educational Resources Grant, $1,000
Creation of Supplemental Open Educational Resources for Introduction to Public Health to Increase Educational Equity for HSC 100
Connecticut Department of Higher Education

Received

Research Application Grant, $5,000
CSU-AAUP Faculty Research Grant
Exploring factors that influence National Park Service NPS employee working experiences
Under Review

2020 **Fort Lewis College**
Open Educational Resources Grant, $1,500
Adoption of Open Educational Resources for Introduction to Public Health to Increase Educational Equity
Colorado Department of Higher Education

2019 *Good Food Collective; Southwestern Colorado Food Systems and Health Equity Planning Project,* $84,427
Co-Investigator of a Community Assessment and Planning Award from the Colorado Health Foundation

Curriculum Development Award, $7,700
RFA-RM-13-016 NIH Building
Infrastructure Leading to Diversity (BUILD) Initiative (U54)

2018 *Teaching Innovation, Pedagogy and Assessment Award*, $2,000
Digital Storytelling in Pedagogy

2018 **University of Colorado Denver**
Doctoral Dissertation Improvement Award, $30,000
Arctic Social Science Program
National Science Foundation

Editing and Refereeing Manuscripts Submitted for Publication

2021- **Journal of Pedagogy in Health Promotion**
Editorial Board Member

Service

2021- **Eastern Connecticut State University**
University Service
Student Services Committee
Student Misconduct Committee
Mental Health Task Force Member
Departmental Service
Health Sciences Library Liaison
Women and Gender Studies' Advisory Committee

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2018 - 2021 **Fort Lewis College**
Fort Lewis College COVID-19 Response Leader
Fort Lewis History Board Member
Fort Lewis College Institutional Review Board

Faculty and Staff Recruitment

2022- 2023 **Eastern Connecticut State University**
Public Health Faculty Search Committee Chair
Position Canceled

Clinical Coordinator Search Committee Member

2021- 2022 **Eastern Connecticut State University**
Public Health Faculty Search Committee

2018 - 2019 **Fort Lewis College**
Public Health Faculty Search Committee

Professional Activity

Membership in Professional Organizations

2018 - present Member, Society for Public Health Education
2016 - present Member, American Association of Geographers
2016 - present George Wright Society
2012 - present Member, Society for Applied Anthropology
2010 - present Special Friend, Native Research Network

Service in Professional Organizations

2021- **Journal of Pedagogy in Health Promotion**
Editorial Board Member

Research Employment

2015 - 2018 **Qualitative Research Analyst**
Adult and Child Consortium for Health Outcomes and Delivery Science
University of Colorado Denver, Children's Hospital Colorado

2016 **Dissertation Fieldwork**
Klondike Gold Rush National Historical Park

2014 **Graduate Research Assistant**
Research, Evaluation and Strategic Learning, The Colorado Trust

2011 - 2012 **Community Research Specialist**
Clinical and Translational Science Center, University of New Mexico Health Science Center

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2010 - 2011 **Research Coordinator**
Obesity Prevention in Native North America, The Johns Hopkins Bloomberg School of Public Health

2009 - 2010 **Community Research Assistant**
Baltimore Healthy Carryouts, The Johns Hopkins Bloomberg School of Public Health

Invited Speaker

2020 **Designing Content and Pedagogy with Indigenous Epistemologies in Mind**
Fort Lewis Faculty Retreat

Commencement Address
Fort Lewis College Graduation

2018 **Healthy Parks Healthy People: Research to Improve the Science and Practice**
International Symposium on Society and Research Management

2017 **Healthy Parks Healthy People Park Break**
George Wright Society, Zion National Park

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Professor of Biology, she/her
Executive Director, Institute for Sustainability
Distinguished Professor, 2021

Eastern Connecticut State University
Ex. 6 Personal Privacy (PP) Willimantic, CT 06226
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EDUCATION

Doctor of Philosophy, Environmental Biology, University of Massachusetts, Boston, MA
Bachelor of Science, Biology, University of North Dakota, Grand Forks, ND

ADMINISTRATIVE POSITIONS

Executive Director, Institute for Sustainability
Eastern Connecticut State University, Willimantic, Connecticut.....July 2022 – current

Primary responsibilities: provide effective and strategic leadership for restructuring the Institute for Sustainable Energy and the Center for Sustainable Energy Studies; collaborate to develop an interdisciplinary academic program in sustainability; engage the students in campus sustainability initiatives; cultivate community partnerships and outreach; supervise Institute staff; identify and secure funding to support Institute operations.

Key Activities and Initiatives

- Oversee 2022 STARS Sustainability Rating submission
- Lead restructuring of the Institute and obtain Board of Regents approval as part of the 7-year continuation process. Support same for the Center for Sustainable Energy Studies
- Collaborate to develop and implement New England Sustainable Cannabis Certification
- Implement best practices through engagement with Association for the Advancement of Sustainability in Higher Education, Second Nature, and Northeast Campus Sustainability Consortium
- Engage students in substantive internship opportunities within the Institute and identify relevant external opportunities
- Support development and implementation of sustainability actions on campus and in the community

Interim Dean, School of Arts and Sciences
Eastern Connecticut State University, Willimantic, Connecticut.....July 2021 – June 2022

Primary responsibilities: effective leadership of 14 departments, 25 diverse academic programs, the liberal arts core curriculum, 145 full time and ~180 part time faculty during a period of transition; supervise the associate dean, 14 chairs, and support and technical personnel; initiate implementation of an academic plan in each department to support processes for ongoing review, improvement, and alignment with mission; manage the Global Field Studies Office and support course development; active engagement with university recruiting and marketing initiatives; strategic engagement with course scheduling and staffing in collaboration with associate dean, chairs, and registrar.

Key Activities and Initiatives

- Collaborated with faculty to establish new undergraduate (Cannabis Cultivation minor) and graduate (Data Science Masters) curricula
- Facilitated departmental processes of review and revision of program curricula
- Partnered with department chairs and associate dean to solve significant staffing challenges
- Engaged with university-wide strategic planning initiatives to further the liberal arts mission
- Supported professional development of faculty for teaching and scholarship or creative activity
- Collaborated in CSU NSF Louis Stokes New STEM Pathways Implementation-Only Alliance
- Lead President's Cabinet retreat on the future of Sustainability at Eastern
- Built institutional capacity within the Fine Arts Instructional Center with strategic staff hires
- Contributed to staffing decisions with large fiscal impacts for FTE and support personnel
- Collaborated with Institutional Advancement to conceive and inaugurate the Charles Booth Memorial Scholarship that supports students participating in Global Field Courses
- Collaborated with Institutional Research to conceive and initiate the development of a dynamic alumni database that is both available to and editable by faculty
- Supported development and implementation of the Early Science Research Program (EESRP) for High School Dual Enrollment. Supervised part-time EESRP Coordinator.
- Supported development of faculty-conceived DCF alternative admissions and first year program to increase enrollment and support diversity initiative
- Supported development of faculty-conceived High School Literary Festival to support enrollment and outreach goals.
- Managed combined budgets of approximately $350,000

Director, University Honors Program

Eastern Connecticut State University, Willimantic, Connecticut.....August 2017 – July 2021

Key Responsibilities and Initiatives

- Managed interdisciplinary academic program of 100 students
- Chaired the Honors Council of six faculty representatives from across both schools
- Individually mentored and advised all first-year students and a majority of advanced students
- Recruited program applications in person and online
- Oversaw admissions, dismissals, and appeals processes
- Collaborated with admissions staff to recruit admitted students
- Recruited faculty for honors courses and council memberships
- Implemented formal assessment of thesis proposals, theses, and honors colloquia
- Managed $7000 budget

John C. Hicks Endowed Chair for Undergraduate Research

Eastern Connecticut State University, Willimantic, Connecticut .....August 2014 – August 2018

Key Responsibilities and Initiatives

- Director of the Church Farm Center for Arts and Sciences
- Obtained Board of Regents approval for 7-year continuation
- Organized annual seminar and workshop series
- Organized annual attendance of 15 students/faculty at regional UGR conferences ECSC or TriBeta
- Organized annual TriBeta Induction and Biology Awards Ceremony
- Chaired the department's host committee for the 2016 TriBeta conference at Eastern
- Managed ~$7000 Budget: student research grants, conference travel funds, mentor awards
- Coordinated with Institutional Advancement to administer Freeman Fund and Wolff funds

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ACADEMIC POSITIONS

Professor, Department of Biology
Eastern Connecticut State University, Willimantic, Connecticut.....August 2017 – present

Associate Professor, tenured, Department of Biology
Eastern Connecticut State University, Willimantic, Connecticut.....August 2011 – August 2017

Assistant Professor, Department of Biology
Eastern Connecticut State University, Willimantic, Connecticut.....August 2007 – August 2011

Assistant Professor, Tenure-Track, Department of Natural Science
Wayne State College, Wayne, Nebraska.....August 2005 – May 2007

1-Year Assistant Professor, Department of Biology
Eastern Connecticut State University, Willimantic, Connecticut.....August 2004 – May 2005

Part-time Faculty Positions as a Ph.D. Candidate
Massachusetts College of Pharm & Health Science, Boston, Massachusetts.....January – May 2004
University of Massachusetts, Boston, Massachusetts.....September – December 2003
Bentley University, Waltham, Massachusetts.....2002 – 2003

LEADERSHIP POSITIONS

The Waterbird Society is an international scientific, not-for-profit organization established in 1976 and dedicated to the study and conservation of waterbirds. This society was created to establish communication and coordination between people studying and monitoring aquatic birds, and to contribute to the protection and management of stressed populations or habitats of these species. This organization is volunteer-led except for the Editors of our peer-reviewed journal *Waterbirds*. The positions I held are elected positions and non-compensated.
https://waterbirds.org/

2022 - 2023 **President**, The Waterbird Society

- Responsible for the operations of the Society
- Chair bi-annual and *ad hoc* meetings of the 17-member Council
- Oversight of financial and legal matters – annual operating budget: $145,000 plus three endowments totaling $ 1.3 million in support of research grants
- Assign chairs for 17 committees
- Collaborate with the local committee to host the annual meeting

2020 - 2021 **Vice President**

- Chaired the Scientific Program for the 2020 & 2021 Annual Meetings
- Chaired the 2020 and 2021 Virtual Meeting Committee including all aspects of virtual production
- Interviewed and contracted online platform service for 2021 Annual Meeting.
- Managed the removal of an ineffective journal Editor and with the President, tasked the chair of the Publications Committee with restructuring the Editor-in-Chief position and creating a Managing Editor position. Served as a primary public-facing contact for authors whose submissions were significantly delayed during this period.
- Managed the process and resolution of the first Code of Conduct complaint
- Oversaw financial and legal matters – Annual operating budget: $133,000 and three endowments to support research granting totaling $ 1.3 million

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- Chaired International Awards and Recognition Committee

2015 - 2019 **Secretary**

- Assembled annual reports from 17 committee chairs, disseminated to council members in advance of the annual council meetings
- Recorded official minutes during the annual and *ad hoc* council meetings, distributed for review, approval, and direction of action items
- Chaired the 2019 annual council meeting with the VP when the president could not participate
- Managed a conduct complaint during the 2019 annual meeting which led to the development and adoption of an official Code of Conduct policy for the society.
- Hosted the annual members' business meetings to report actions and initiatives of the Council
- Distributed and tabulated ballots annually for the election of officers (1-2) and councilor positions (3-4)

2009 – 2017 **Co-Chair**: Outreach and Communications Committee of The Waterbird Society
2009 – 2011 **Elected Council Member** of The Waterbird Society

2012-2013 **President,** Lebanon Cooperative Nursery School, Lebanon, Connecticut

- Oversight of the Board of Directors and all policymaking
- Oversight of state inspection and licensing of facility
- Responsibility for fundraising and annual budget of $35,000
- Managed personnel: termination of the head teacher, advertising, and interviews, with subsequent hire of a permanent, certified early childhood educator.

PROFESSIONAL AND LEADERSHIP DEVELOPMENT

- *Integrating Liberal Learning and Employability: A Mission-Driven, Data-Informed Approach.* Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) Presentation. Reclaiming Liberal Education AAC&U ……2023
- Association for the Advancement of Sustainability in Higher Education (ASSHE) Leadership Impact Accelerator Workshop…… 2022
- COPLAC Women in STEM Affinity Group Facilitator, COPLAC Advance Plan……2021 – 2023
- Diversity, Equity, Inclusion, and Justice (DEIJ) Community of Practice, North American Bird Conservation Initiative and the Diversity Joint Venture, virtual and on-going……2021 – 2023
- Community of Women Leaders, virtual and on-going……2021 – 2023
- *A Liberal Education, Practically Applied: Designing A Public Liberal Arts Education for Employment and Social Mobility.* Ex. 6 Personal Privacy (PP) Presentation. Educating for Democracy AAC&U Annual Meeting…..2022
- Lessons in Leadership by Marjorie Haas, ACAD Webinar…… 2022
- ACAD Deans Institute, Virtual Meeting……2021 – 2022
- COPLAC Beard Leadership Circle, Dean's Leadership Training, 12-mo virtual……2020 - 2021
- COPLAC Annual Meeting…….. 2021
- AAC&U General Education, Pedagogy, and Assessment, Virtual…….. 2021
- AAC&U Annual Meeting and Dean's Academy, Virtual…….. 2021
- AAC&U Summer Institute on General Education and Assessment, Burlington, VT…….. 2019
- AAC&U Davis Project, LEAP Challenge, Providence, RI…… 2017

Ex. 6 Personal Privacy (PP)

- AAC&U Davis Project, LEAP Challenge, Providence, RI……..……..…….. 2016

SELECTED SERVICE TO THE UNIVERSITY Complete list of details available upon request.

Chair: Green Campus Committee……2022 - 2023
Member: COFE III Strategic Planning ……2022
Member: Marketing Committee ……..……2020 – 2022
Member: *ex officio* Individualized Major Committee……..…2021 – 2022
Co-Chair: COLAC - Committee on the Liberal Arts Curriculum ……2020 – 2021
Member: CSU Professorship Advisory Committee ……..……2018 – 2021
Member: NECHE Accreditation Committee: Standards 4 and 6 ……..2017 – 2021
Member: Biology Departmental Evaluation Committee (DEC; exclusive of my promotion year) ……..…..2011 – 2021
Member: Undergraduate Research Council ……...2014 – 2021
Chair: Academic Affairs Administrative Assistant Search Committee ……....2019 – 2020
Co-Chair: LACLOR- LAC Learning Outcomes Revision Committee ……2019 – 2020
Member: Common Read FYP Working group ……2018 – 2019
Member: Provost & Vice President of Academic Affairs Search Committee ……..……..2018 – 2019
Member: Vice President of Student Affairs Search Committee ……..……2018 – 2019
Member: Critical Thinking Task Force ……2018 – 2019
Volunteer- Presentations or Mock Class for Admitted Students Day ……..……..……2012 – 2019
Co-Chair: CREATE Conference Committee ……..…2016 – 2018
Member: CREATE Conference Committee ……..…2015 – 2016
Member: (Appointed by President) Instructional Technology Advisory Committee……2016 – 2018
Member: AAC&U LEAP Signature Work Initiative: Honors Program ……...2016 – 2018
Co-Chair: Organismal Biology Search Committee ……..……..……....2016 – 2017
Co-Chair: Personnel Policy Committee ……2015 – 2017
Chair: Research Reassigned Time Committee ……..……..……2016 – 2017
Member: Research Reassigned Time Committee ……..……..……2015 – 2016
Co-Chair: Molecular Genetics Search Committee ……..……..……..2015 – 2016
Chair: Vertebrate Evolutionary Ecology Search Committee ……..……..…2013 – 2015
Member: HPE Public Health Search Committee……..……..……2013 – 2014
Member: University Honors Council……..……..…2013 – 2014
Member: University Promotion and Tenure Committee……..……..…2013 – 2014
Co-Chair: Liberal Arts Program Committee……..……..…2010 – 2013
Member: Arts and Sciences Research and Exhibition Organizing Committee……..……..2008 – 2011
Member: Ecology Search Committee ……..……..……...2007 – 2009
Member: Neurobiology Search Committee ……..……..……..…2008 – 2009

Ex. 6 Personal Privacy (PP)

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SERVICE IN THE COMMUNITY

Secretary: Big Pond Preservation Association……..……..……..2020 – 2023
Guest: Expert lessons for K – 6 at Charles H. Barrows STEM Academy, North Windham
Woodpecker Ecology, BioBlitz, Avian Structure/Function, Frog Ecology, Tropical Biology……2016 – 2021
Member: Board of Trustees, Joshua's Trust……..2007 – 2011
Chair: Windham Town Conservation and Open Space Commission ……..……..……2009 – 2011
Member: Windham Town Conservation and Open Space Commission ……..……..……..2007 – 2008
Alternate Rep: Windham Town Conservation and Open Space Commission..……..……..2011 – 2014

SCHOLARSHIP

Seabird Conservation: population genetic and demographic studies of threatened and endangered seabirds to directly enhance conservation and management strategies.

PEER-REVIEWED PUBLICATIONS (* DENOTES UG STUDENT AUTHOR) 1997 – 2022

In my field the last author placement denotes a Primary Investigator involved in all aspects of the project from concept to publication working closely with the first author.

21- Ex. 6 Personal Privacy (PP) 2023 Weak genetic structure, shared nonbreeding areas, and extensive movement in a declining waterbird. *Ornithological Applications* XX:XXX-XXX

20 - Ex. 6 Personal Privacy (PP) 2022 Understanding widespread declines for Common Terns across inland Canada: Productivity estimates, causes of reproductive failure, and movement of Common Terns breeding in the large lakes of Manitoba. *Avian Conservation and Ecology* 17(1): 14 https://www.ace-eco.org/vol17/iss1/art14/

19- Ex. 6 Personal Privacy (PP) 2021 Extra-pair paternity in a species with frequent extra-pair courtship feedings, few extra-pair copulations, and male-biased parental care. *Journal of Ornithology* 163: 437-444 https://link.springer.com/article/10.1007/s10336-021-01954-1

18- Ex. 6 Personal Privacy (PP) 2021 Metapopulation connectivity mitigates permanent loss of historical genetic diversity in a federally endangered seabird. *Ornithology Applications 123*(4): 1-17 https://doi.org/10.1093/ornithapp/duab037

17- Ex. 6 Personal Privacy (PP) 2017 Conservation implications of long-distance migration routes: regional metapopulation structure, asymmetrical dispersal, and population declines. *Biological Conservation. 209: 263-272* https://doi.org/10.1016/j.biocon.2017.02.012

16- Ex. 6 Personal Privacy (PP) 2017. Population Structure of the Eurasian Whiskered Tern (*Chlidonias hybrida*), a species exhibiting range expansion. *Waterbirds. 40(2): 105-117* https://doi.org/10.1675/063.040.0203

15- Ex. 6 Personal Privacy (PP) 2017. Range-wide patterns of population differentiation of Eurasian black terns (*Chlidonias niger niger*) related to use of discrete staging sites. *Journal of Ornithology* 158(2): *365-378* https://doi.org/10.1675/063.040.0203

14- Ex. 6 Personal Privacy (PP) 2016 Common Tern and Arctic Tern hybridization produces fertile offspring. *Seabird 29: 39-65* http://www.seabirdgroup.org.uk/seabird-29-39

13- Ex. 6 Personal Privacy (PP) 2016 Pre-breeding Survival of Roseate Terns *Sterna dougallii* varies by sex, hatching order, and hatching date. *Ibis 158: 327-334* https://doi.org/10.1111/ibi.12359

12- **Ex. 6 Personal Privacy (PP)** 2012. Conservation Genetics of the Common Tern (*Sterna hirundo*) in the North Atlantic region; implications for the critically endangered population at Bermuda. *Conservation Genetics 13:1039-1043* https://doi.org/10.1007/s10592-012-0351-0

11- **Ex. 6 Personal Privacy (PP)** 2012. Morphometric sexing of Northwest Atlantic Roseate Terns. *Waterbirds 35:479-484* https://doi.org/10.1675/063.035.0312

10- **Ex. 6 Personal Privacy (PP)** 2012. Tail length and sexual selection in a monogamous, monomorphic species, the Roseate Tern. *Journal of Ornithology 153:1153-1163* https://doi.org/10.1007/s10336-012-0846-y

9- **Ex. 6 Personal Privacy (PP)** 2011. Female Common Terns depart on autumn migration earlier than males. *Seabird 24:103-106.* http://www.seabirdgroup.org.uk/journals/seabird-24/seabird-24-103.pdf

8- **Ex. 6 Personal Privacy (PP)** 2010. Demographic consequences of a catastrophic event in the isolated population of Common Terns at Bermuda. *Waterbirds* 33:405-410. https://doi.org/10.1675/ Ex. 6 - Personal Privacy (PP)

7- **Ex. 6 Personal Privacy (PP)** 2007. Sexual dimorphism, assortative mating, and female-female pairs in common terns. *Waterbirds* 20:169-216. https://doi.org/10.1675/1524-4695(2007)30[169:SDFPAT]2.0.CO;2

6- **Ex. 6 Personal Privacy (PP)** 2005. Novel microsatellite markers used to determine the population genetic structure of the endangered Roseate Tern, *Sterna dougallii*, in the Northwest Atlantic and Western Australia. *Conservation Genetics* 6:461-466. https://doi.org/10.1007/s10592-004-4975-6

5- **Ex. 6 Personal Privacy (PP)** 2005. Sex ratio and early growth patterns of Roseate Tern chicks during fine breeding seasons at Falkner Island, CT. *Waterbirds* 28: 273-279. https://doi.org/10.1675/1524-4695(2005)028[0273:SRAEGP]2.0.CO;2

4- Ex. 6 Personal Privacy (PP) 2001. Sex does not affect growth or survival in chicks of the Roseate Tern, *Sterna dougallii*. *Waterbirds* 24: 45-49. https://doi.org/10.2307/1522242

3- **Ex. 6 Personal Privacy (PP)** 2001. Sex ratio bias at hatching and fledging in the Roseate Tern. *Condor* 103: 385-389. https://doi.org/10.1093/condor/103.2.385

2- Ex. 6 Personal Privacy (PP) 2000. Lack of evidence for female-female pairs among Roseate Terns *Sterna dougallii* in Western Australia. *Emu* 100:152-155. https://doi.org/10.1071/MU00908

1- Ex. 6 Personal Privacy (PP) 1997. Determination of the genetic mating system of a neo-tropical parrot using microsatellite genotype data. *Proceedings of the North Dakota Academy of Science* 51: 155.

SELECTED SCHOLARLY REPORTS TO GOVERNMENT & GRANTING AGENCIES

13 between 1995 - 2022. Complete list of details available upon request.

- Ex. 6 Personal Privacy (PP) 2021. Microsatellite genotypes estimate genetic diversity and population structure of Aleutian tern. Report to the USFWS.
- Ex. 6 Personal Privacy (PP) 2020. DNA extraction and development of microsatellite panels for estimating genetic diversity and population structure of Aleutian Tern. Report to the USFWS.
- **Ex. 6 Personal Privacy (PP)** 2019. Effects of PIT tag implementation on the behavior and productivity of Roseate Terns (*Sterna dougallii*) Report to the Blake-Nuttall Fund.

Ex. 6 Personal Privacy (PP)

- Ex. 6 Personal Privacy (PP) 2019. Do leg bands affect survival of Common and Roseate Terns? Report to the American Wildlife Conservation Foundation, Inc.
- Ex. 6 Personal Privacy (PP) 1995. Population genetics of California Bighorn Sheep (*Ovis canadensis californiana*) from British Columbia Herds. *Report to British Columbia and North Dakota Wildlife Service.*

SELECTED RECENT MENTORING OF UNDERGRADUATE STUDENT RESEARCH

2007 – 2022 Mentored 37 UG research students, most ≥ 2 semesters; 8 completed Honors Theses.
Complete list of details available upon request.

- Ex. 6 Personal Privacy (PP) 019-21 Molecular Tools in Aleutian Tern Conservation, Honors Thesis; Oral Presentation 2021 CREATE Conference
- Ex. 6 Personal Privacy (PP) 2019-20 Population Genetics and Connectivity of Black Skimmer (*Rynchops niger*), Poster Presentation 2020 CREATE Conference; Clinical Microbiologist, Mayo Clinic, Jacksonville, FL
- Ex. 6 Personal Privacy (PP) 2018-20 Effects of PIT tag implementation on the behavior and productivity of Roseate Terns (*Sterna dougallii*), at Bird Island, MA, Biology Department Seminar 2019
- Ex. 6 Personal Privacy (PP) 2019-21 An Investigation of Major Histocompatibility Complex (MHC) Disassortative Mating in the Roseate Tern, *Sterna dougallii*, Honors Thesis; Oral Presentation 43rd Annual Waterbird Society Meeting Princess Anne, MD, November 2019; Ph.D. Program in Integrative Biology, UMASS Dartmouth UMD Distinguished Doctoral Fellow
- Ex. 6 Personal Privacy (PP) 2018-19 Population Dynamics of Roseate Terns (*Sterna dougallii*), Poster Presentation 43rd Annual Waterbird Society Meeting Princess Anne, MD, November 2019; Clinical Microbiologist, Mayo Clinic, Jacksonville, FL
- Ex. 6 Personal Privacy (PP) 2018-19 Temporal Patterns of Genetic Diversity in Roseate Terns (*Sterna dougallii*), Manuscript, see publication list above; Eastern Colleges Science Conference, Outstanding Presentation Award 2018; 2018 Goldwater Scholar; Ph.D. Program in Biology, Tufts University
- Ex. 6 Personal Privacy (PP) 2017-19 Contrasting Patterns of Diversity and Structure Among Neutral and Coding Candidate Loci in the North American Common Tern (*Sterna hirundo*), Honors Thesis; Oral Presentation at NCUR 2019; Ph.D. Program in Biology, Tufts University
- Ex. 6 Personal Privacy (PP) 2016-17 Population Structure of the Eurasian Whiskered Tern (*Chlidonias hybrida)* a Species Exhibiting Demographic Expansion, Undergraduate Research/Creative Activity Fellowship Award 2016; Manuscript, see publication list above

PH.D. STUDENT SUPERVISION

Dissertation Committee Member 2016 – 2021 Paige Byerly, Department of Biology, University of Louisiana, Lafayette. *Ecology and Conservation Genetics of the Caribbean Roseate Tern.* Currently a Post-doctoral Researcher, Smithsonian Center for Conservation Genomics, Nation Zoo

SELECTED RECENT PROFESSIONAL PRESENTATIONS:

44 total presentations at professional conferences or to state/federal agencies 2007-2022
Complete list of details available upon request.

- Ex. 6 Personal Privacy (PP) 2022 Weak genetic structure coupled with shared non-breeding areas and extensive movement in North American Black Terns. Symposium Presentation 46th Annual Waterbird Society Meeting Corpus Christi, TX, November
- Ex. 6 Personal Privacy (PP) 2022 Invited Lecture. Genetic data inform waterbird conservation: terns and skimmers. American Association of University Women, Virtual, May.
- Ex. 6 Personal Privacy (PP) 2021 Contributed Paper. Genetic diversity and population structure of Aleutian Terns in Alaska: A Preliminary Assessment. Pacific Seabird Group, Annual Meeting-Virtual, February.
- Ex. 6 Personal Privacy (PP) 2020 Invited Presentation. Genetic Diversity and Structure of the Aleutian Tern in Alaska: An Update. 2020 Aleutian Tern Conservation Technical Committee Meeting, Virtual, May 6.
- Ex. 6 Personal Privacy (PP) 2020 Invited Presentation. Genetic evidence of metapopulation connectivity, temporal signatures of genetic bottleneck, and estimate of effective population size of Roseate Terns. Trans-Atlantic Webinar hosted by the Roseate Tern Life Project (UK) and the USFWS, February 24.

- Ex. 6 Personal Privacy (PP) 2020 Invited Presentation. Metapopulation Connectivity Mitigates Permanent Loss of Historical Genetic Diversity of Roseate Terns. USFWS Roseate Recovery Meeting November.
- Ex. 6 Personal Privacy (PP) 2019 Invited Plenary Presentation. Natural History and Genetics: Informing Tern Conservation and Undergraduate Education. 43rd Annual Waterbird Society Meeting Princess Anne, MD, November.

SELECTED RECENT GRANTS AND FELLOWSHIPS

33 grants in support of my research program: 2005-2021. **$117,000** in direct support of my conservation genetics research plus **$811,500** supporting field study for the Aleutian Tern Technical Committee. Complete list of details available upon request.

- National Fish and Wildlife Foundation. 2021 Aleutian Tern Population Assessment and Conservation: Development and Implementation of a Statewide Monitoring framework. Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) *Funded $174,998 with match of $211,551 from USFWS*
- National Fish and Wildlife Foundation. 2020 Aleutian Tern Population Assessment and Conservation: Assessment of a Statewide Monitoring Framework. Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) *Funded $100,000*
- CSU-AAUP Research Grant 2020 Defining population boundaries for Black Skimmer using population genetics: A hemisphere-scale assessment. ***Funded $4650***
- National Fish and Wildlife Foundation Aleutian Tern Population Assessment and Conservation: Development of a Statewide Monitoring Framework. 2019 Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) *Funded $150,000* **match of $175,000 from USFWS**
- US Fish and Wildlife Service Candidate Species 2019 Initiating an Aleutian Tern Population Genetics Study ($24,750) Ex. 6 Personal Privacy (PP) *Funded $24,750*
- CSU-AAUP Research Grant 2019 Factors Limiting Population Growth: the role of individual marking (bands) and variability in immune system genes (MHC). ***Funded $4795***

COURSES TAUGHT

Eastern Connecticut State University

General Genetics with Lab
Tropical Ecosystems/Tropical Biology
Genetics and Society with Lab
Conservation Biology with Lab
Senior Seminar
Food, Culture, and the Environment
Biodiversity and Agriculture in Costa Rica
Biodiversity and Agriculture FirstYearIntro
Principles of Biology with Lab
Population Biology with Lab

Other Institutions- see Academic Positions above

Animal Behavior with Lab
Organismal Biology with Lab
Evolution
Natural History of the Sandhills (field course)
Introductory Biology with Lab

RECENT SERVICE/ENGAGEMENT IN THE PROFESSION

Manuscript Review for the Following Journals 5-6 reviews per calendar year, every year

Diversity and Distributions, International Journal of Biometeorology, Journal of Avian Biology, European Journal of Wildlife Research, Journal of Field Ornithology, Behavioral Ecology and Sociobiology, Committee on the Status of Endangered Wildlife in Canada (COSEWIC), Journal for Ornithology, Ecology, Ibis, The Wilson Bulletin, The Condor, Waterbirds, Conservation Genetics, Journal of Comparative Physiology, Ornithological Applications

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Reviewer Kushlan Wading Birds Grant Committee, Zoo Miami ……..……..2022
Tenure/Promotion- External Reviewer of Scholarship University of South Carolina Aiken……...2020
External Grant Reviewer Icelandic Research Fund……...……2012
Guest Editor for *Southeastern Naturalist*……...……...…2010-2011

Professional Affiliations
Roseate Tern Recovery Team…….. Since 2019
Aleutian Tern Technical Committee of the Pacific Seabird Society……..Since 2019
American Ornithological Society (formerly AOU)……..……...Since 2019
American Ornithologists' Union……..1999-2010
Tri-Beta Biological Society……... Since 2005
The Waterbird Society…….. Since 1997

Maintenance of State and Federal Scientific Collecting Permits
Federal Bird Banding and Sampling Permits: 23492, 21963
Federal FWS Migratory Bird Tissue Import Permit: MB184899-2
USDA Scientific Veterinary Importation Permit for Controlled Material: 107951

SELECTED AWARDS AND RECOGNITION

Distinguished Professor ……..……..2021
Omicron Delta Kappa Honor Society for **Leadership and Service** ……...……...2019
Excellence in Mentoring, Undergraduate Research ……..……...……..2017
Mentor Award, Biology Department ……..2017
Excellence Award for Scholarly Activity ……..……2016
Honors Thesis Mentor Award for excellence in mentoring a thesis ……..……..……2011
Bettina Harrison Award for **Outstanding Teaching in Biology** (graduate student, UMB) ……..……..2004
Award for **Outstanding Achievement** in Environmental Biology (graduate student, UMB) ……..……..2004
Student Affairs Award for **Student Leadership** (graduate student, UMB) ……...……..2004
Award for **Teaching Excellence** (graduate student, UMB) ……..……...2001-2003

Ex. 6 Personal Privacy (PP)

ED_016126_00000036-00025

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Green Beverly 107Q Inc

* b. Employer/Taxpayer Identification Number (EIN/TIN): 87-1173877

* c. UEI: NTWNSMLK28Y7

d. Address:

* Street1: 100 Cummings Center, Suite 350-E
Street2:
* City: Beverly
County/Parish:
* State: MA: Massachusetts
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 01915-0001

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Dean
Middle Name:
* Last Name: Berg
Suffix:

Title: Executive Director

Organizational Affiliation: Green Beverly

* Telephone Number: Ex. 6 Personal Privacy (PP)
Fax Number:

* Email: dean@greenbeverly.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Equitable Clean Air and Climate Relief Pilot

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: MA-006 * b. Program/Project: MA-006

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 * b. End Date: 10/31/2026

18. Estimated Funding ($):

* a. Federal	150,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	150,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name: Dean

Middle Name:

* Last Name: Berg

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 Personal Privacy (PP) Fax Number:

* Email: dean@greenbeverly.org

* Signature of Authorized Representative: Dean Berg * Date Signed: 04/14/2023

IRS Department of the Treasury
Internal Revenue Service

Cincinnati Service Center
CINCINNATI OH 45999-0038

In reply refer to: 0256521944
Feb. 12, 2019 LTR 4168C 0
23-7374878 000000 00
00008998
BODC: TE

BRIDGEPORT ECONOMIC DEVELOPMENT
CORP
% MCCARTHY ASSOCIATES
10 MIDDLE STREET 14TH FLOOR
BRIDGEPORT CT 06604

001797

Employer ID number: 23-7374878
Form 990 required: Yes

Dear Taxpayer:

We're responding to your request dated Feb. 05, 2019, about your tax-exempt status.

We issued you a determination letter in February 1987, recognizing you as tax-exempt under Internal Revenue Code (IRC) Section 501(c)(3).

We also show you're not a private foundation as defined under IRC Section 509(a) because you're described in IRC Sections 509(a)(1) and 170(b)(1)(A)(vi).

Donors can deduct contributions they make to you as provided in IRC Section 170. You're also qualified to receive tax deductible bequests, legacies, devises, transfers, or gifts under IRC Sections 2055, 2106, and 2522.

In the heading of this letter, we indicated whether you must file an annual information return. If you're required to file a return, you must file one of the following by the 15th day of the 5th month after the end of your annual accounting period:

- Form 990, Return of Organization Exempt From Income Tax
- Form 990EZ, Short Form Return of Organization Exempt From Income Tax
- Form 990-N, Electronic Notice (e-Postcard) for Tax-Exempt Organizations Not Required to File Form 990 or Form 990-EZ
- Form 990-PF, Return of Private Foundation or Section 4947(a)(1) Trust Treated as Private Foundation

According to IRC Section 6033(j), if you don't file a required annual information return or notice for 3 consecutive years, we'll revoke your tax-exempt status on the due date of the 3rd required return or notice.

You can get IRS forms or publications you need from our website at www.irs.gov/forms-pubs or by calling Ex. 6 Personal Privacy (PP).

If you have questions, call Ex. 6 Personal Privacy (PP) between 8 a.m. and 5 p.m.,

EXTENDED TO NOVEMBER 15, 2022

Form **990**

Department of the Treasury
Internal Revenue Service

Return of Organization Exempt From Income Tax

Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except private foundations)

▶ Do not enter social security numbers on this form as it may be made public.

▶ Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

2021

Open to Public Inspection

A For the 2021 calendar year, or tax year beginning and ending

B Check if applicable:
- ☐ Address change
- ☐ Name change
- ☐ Initial return
- ☐ Final return/ termin-ated
- ☐ Amended return
- ☐ Applica-tion pending

C Name of organization

COPY

BRIDGEPORT ECONOMIC DEVELOPMENT CORP

Doing business as

Number and street (or P.O. box if mail is not delivered to street address) | Room/suite

10 MIDDLE STREET-14TH FL

City or town, state or province, country, and ZIP or foreign postal code

BRIDGEPORT, CT 06601

F Name and address of principal officer: EDWARD LAVERNOICH
10 MIDDLE STREET, 14TH FLOOR, BRIDGEPORT, CT

D Employer identification number

23-7374878

E Telephone number

Ex. 6 - Personal Privacy (PP)

G Gross receipts $ 2,092,707.

H(a) Is this a group return for subordinates? ☐ Yes ☒ No

H(b) Are all subordinates included? ☐ Yes ☐ No

If "No," attach a list. See instructions

H(c) Group exemption number ▶

I Tax-exempt status: ☒ 501(c)(3) ☐ 501(c) ( ) ◀ (insert no.) ☐ 4947(a)(1) or ☐ 527

J Website: ▶ WWW.BRBC.ORG

K Form of organization: ☒ Corporation ☐ Trust ☐ Association ☐ Other ▶

L Year of formation: 1974 M State of legal domicile: CT

Part I Summary

Activities & Governance

1 Briefly describe the organization's mission or most significant activities: IS A COMMUNITY BASED ORGANIZATION THAT DEVELOPS AND MANAGES PROGRAMS AND PROJECTS THAT

2 Check this box ▶ ☐ if the organization discontinued its operations or disposed of more than 25% of its net assets.

3	Number of voting members of the governing body (Part VI, line 1a)	3	13
4	Number of independent voting members of the governing body (Part VI, line 1b)	4	12
5	Total number of individuals employed in calendar year 2021 (Part V, line 2a)	5	0
6	Total number of volunteers (estimate if necessary)	6	0
7a	Total unrelated business revenue from Part VIII, column (C), line 12	7a	0.
b	Net unrelated business taxable income from Form 990-T, Part I, line 11	7b	0.

Revenue

		Prior Year	Current Year
8	Contributions and grants (Part VIII, line 1h)	97,406.	2,088,555.
9	Program service revenue (Part VIII, line 2g)	4,000.	4,150.
10	Investment income (Part VIII, column (A), lines 3, 4, and 7d)	0.	0.
11	Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e)	4,522.	2.
12	Total revenue - add lines 8 through 11 (must equal Part VIII, column (A), line 12)	105,928.	2,092,707.

Expenses

13	Grants and similar amounts paid (Part IX, column (A), lines 1-3)	0.	0.
14	Benefits paid to or for members (Part IX, column (A), line 4)	0.	0.
15	Salaries, other compensation, employee benefits (Part IX, column (A), lines 5-10)	71,788.	84,196.
16a	Professional fundraising fees (Part IX, column (A), line 11e)	0.	0.
b	Total fundraising expenses (Part IX, column (D), line 25) ▶ 0.		
17	Other expenses (Part IX, column (A), lines 11a-11d, 11f-24e)	111,066.	104,849.
18	Total expenses. Add lines 13-17 (must equal Part IX, column (A), line 25)	182,854.	189,045.
19	Revenue less expenses. Subtract line 18 from line 12	-76,926.	1,903,662.

Net Assets or Fund Balances

		Beginning of Current Year	End of Year
20	Total assets (Part X, line 16)	143,969.	2,035,701.
21	Total liabilities (Part X, line 26)	28,006.	16,076.
22	Net assets or fund balances. Subtract line 21 from line 20	115,963.	2,019,625.

Part II Signature Block

Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. Declaration of preparer (other than officer) is based on all information of which preparer has any knowledge.

Sign Here

▶ Signature of officer COPY Date

▶ EDWARD LAVERNOICH, PRESIDENT
Type or print name and title

Paid Preparer Use Only

Print/Type preparer's name: SANDRA D. CALLANAN	Preparer's signature	Date: 11/07/22	Check ☐ if self-employed	PTIN: P01200948
Firm's name ▶ CIRONEFRIEDBERG, LLP			Firm's EIN ▶ 06-1533315	
Firm's address ▶ 6 RESEARCH DRIVE, #450 SHELTON, CT 06484			Phone no. Ex. 6 Personal Privacy (PP)	

May the IRS discuss this return with the preparer shown above? See instructions ☒ Yes ☐ No

SEE SCHEDULE O FOR ORGANIZATION MISSION STATEMENT CONTINUATION

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Green Beverly - EJCPS

Dean
Berg

Executive Director
100 Cummings Center, Suite 350-E
Beverly
MA: Massachusetts
01915
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
dean@greenbeverly.org

Steve
Becker

CFO
100 Cummings Center, Suite 350-E
Beverly
MA: Massachusetts
01915
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)

Dean
Berg

Executive Director
100 Cummings Center, Suite 350-E

Beverly
MA: Massachusetts
01915
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
dean@greenbeverly.org

Shelley
Lee

Program Director
100 Cummings Center, Suite 350-E
Beverly
MA: Massachusetts
01915
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
shelley@greenbeverly.org

Green Beverly
100 Cummings Center, Suite 350-E
Beverly
MA: Massachusetts
01915

NTWNSMLK28Y7
Dean Berg
Ex. 6 Personal Privacy (PP)
dean@greenbeverly.org
Executive Director
N: No
N: No
Y: Yes
Y: Yes
Y: Yes
N: No
N: No
Y: Yes
Dean Berg
Executive Director
2023-04-14

1234-EJCPS Project Narrative.pdf
application/pdf
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Application
New
2023-04-14
Green Beverly 107Q Inc
87-1173877
NTWNSMLK28Y7
100 Cummings Center, Suite 350-E
Beverly
MA: Massachusetts
01915-0001
USA: UNITED STATES

Dean
Berg

Executive Director
Green Beverly
Ex. 6 Personal Privacy (PP)
dean@greenbeverly.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Equitable Clean Air and Climate Relief Pilot
MA-006
MA-006
2023-11-01
2026-10-31
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0.00
150000.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Dean
Berg

Executive Director
Ex. 6 Personal Privacy (PP)
dean@greenbeverly.org
Dean Berg
2023-04-14

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1235-EJCPS Project Narrative.pdf
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1236-Green Beverly - Letter of Commitment - City of Beverly.pdf
application/pdf
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1237-Green Beverly - Letter of Commitment - YMCA.pdf
application/pdf
dO+uen+kstqSMfZOVzM0a0nu/6M=

1238-Green Beverly - Letter of Commitment - Bootstraps.pdf
application/pdf
cwC1X9CZsZX+MJiFryOmmib1hqY=

1239-Green Beverly - Letter of Support - Beverly Housing Authority.pdf
application/pdf
AGYq47FTVYA0Cb/RwEW+Gn2PiLE=

1240-Green Beverly - Letter of Commitment - Action Inc..pdf
application/pdf
FeBDMi3know+CS4csby+uN4lAbM=

1241-Green Beverly - Letter of Commitment - Rise Up Solar.pdf
application/pdf
vpD1hSr/LLyMH4RW/lHqxdXzcww=

1242-Green Beverly - Letter of Commitment ecoWAVEus.pdf
application/pdf
24eoKzmZ5Ei1M3zvvk2YZcxDYKo=

1243-Green Beverly - Letter of Commitment - Salem Plumbing.pdf
application/pdf
fKKYOw7QK+dHnJltlAgHSyXtdI0=

1244-Green Beverly Employee Roster.pdf
application/pdf
7Qin/1yvjlGOmu26Hl42Wc5JCN4=

1245-EJCPS WorkPlan Timeline.pdf
application/pdf
/6Z+d1zByshPJ5HnqGximYF7Ptk=

1246-EJCPS Logic Model.pdf
application/pdf

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1247-Shelley Lee - 2023 resume.pdf
application/pdf
bZw3K9otFfhyGNzW3v+eICZKqcM=

1248-Isis Patterson - 2022-23 resume.pdf
application/pdf
aFLsvFxdbdk4CyQMXhLOJg0344A=

1249-Julia Long - 2022 resume.pdf
application/pdf
tcrmbnIIOtHSANIL/1Avy2UHmtM=

1250-Samuel Wheelock Gifford - 2022 resume.pdf
application/pdf
Cdx8C89crlSxxmJgm+nzxXV6yTQ=

1251-Dean Berg - 2022 resume.pdf
application/pdf
r+qpXygAiCruxHpqMQi5hM1uTrQ=

1252-EJCPS Budget Narrative.pdf
application/pdf
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Dean Berg
GRANT13862021

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)
Beverly, MA 01915

Ex. 6 - Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)

Education: Bachelors of Architecture and Fine Arts, Rhode Island School of Design, 1992

Experience:

Turner Construction, Boston 1993 - Dec 1997, I held the following positions:

- Assistant Engineer: For an addition to New England Medical Center, I handled all the shop drawings for interior work. Acted as liaison between subcontractors and the architect.
- Field Engineer: Outside survey work (during winter!) for the Harvard Institute of Medicine project.
- Cost Department: As a member of the cost department I was responsible for tracking expenditures and adding that data to the itemized report for management review. The report ultimately tracked the anticipated profit for a project given what had been spent to date and what was anticipated.
- Sales Department: Reviewed owner invitations for proposals, etc. Generated Turner's proposal and presentations in concert with the Business Development Manager and the General Manager. Prepared proposals for projects such as the Peabody Essex Museum addition, a Massachusetts state prison and the Staples headquarters. (Favorite proposal cover - picture of a model of the Staples building made from... staples.)

Shepley Bulfinch Architects, Boston Jan 1998 - Nov 2002, I worked with the following clients:

- Yale New Haven Hospital: For the renovation of an existing space for pediatric patient offices, I interacted with the users to understand their needs, created construction documents and worked on construction phasing.
- Boston Children's Hospital, Boston: I worked with a team on a multi-story addition to the main building from schematic drawings through completion of construction documents. During the earlier phases I drew floor plans. As the project evolved I coordinated the structural, plumbing, HVAC, and electrical consultants as well as coordinating their work with the architectural drawings. (Noteworthy coordinating: Coordinating the details of the dumpster location with a dumpster company to ensure adequate space for drop off and pick up of dumpster.)

November 2002 - present

- Raised and homeschooled two kids, K-12, the elder having graduated in spring 2021, the younger on track for 2023.
- Designed three house additions/renovations.
- Worked with a lawyer to incorporate a small homeschooling organization with the State of Massachusetts as a legal non profit. Currently president of said group.
- Worked with a public adjuster to settle the insurance claim for my parents' fire loss. As part of that loss I coordinated oil remediation work with the State of NH and an environmental clean up company.

Green Beverly September 2022 - present, part time, www.greenbeverly.org

- Working on grant brainstorming, will be managing the grants won in the coming year.
- Along with my co-leader, we canvassed Beverly for food to rescue from the local supermarkets. Once secured, we found and coordinated off takers for said food. We are building from scratch a long term food diversion project for Green Beverly.

Ex. 6 Personal Privacy (PP) Beverly, MA, 01915
www.ecowaveus.com

April 12, 2023

United States Environmental Protection Agency

RE: Proposal to *The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program*

To whom it may concern:

ecoWAVEus LLC is an enthusiastic supporter and partner in the Green Beverly proposal to *The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program* for the project titled "*Equitable Clean Air and Climate Relief Pilot*". The project period is 3 years after receipt of the project award.

The purpose of this project is to design and pilot a building decarbonization model within our EJ communities. This model will involve several components ranging from landlord/tenant relationships, energy efficiency and electrification upgrades, innovative heat pump technology for efficient cooling and heating, and equitable financial models designed to save everyone money. The intent of the model is to distribute the ongoing cost savings realized from heat pump technology to the tenants and the landlords in order to incentivize change. In addition to cost savings, the tenants will benefit from more efficient cooling on the hot summer days, cleaner air quality, and comfortable heat during the winter. Landlords benefit from infrastructure updates and manageable investment returns. And, we all benefit from reduced greenhouse gas emissions!

Our company is excited about participating in this project, as it encourages cooperation between various parties in the transition to a greener energy landscape. By implementing a building decarbonization model in EJ communities, we aim to provide equal opportunities for access to renewable energy solutions, ensuring a positive and lasting impact on the environment and the communities we serve. This work is closely aligned with our mission. As a company that specializes in installing heat pump water heaters and heat pumps, we are excited to contribute our expertise to this project while fostering cooperation with local tradespeople. Our strong connections within the community ensure seamless collaboration, ultimately driving the successful implementation of sustainable energy solutions. Our work facilitates the widespread adoption of clean energy technologies and promotes sustainable living practices. Our key program areas include Residential Energy Solutions: We offer customized energy efficiency solutions for homeowners, including solar power systems, heat pumps, and energy storage. Our goal is to help homeowners reduce their carbon footprint and save on energy costs, while also

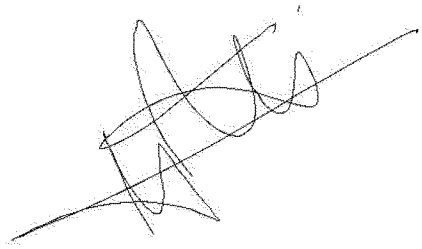
increasing the value of their property and Commercial Energy Solutions: We work with businesses and organizations to implement cost-effective, sustainable energy solutions.

This letter serves to acknowledge that ecoWAVEus will serve as a Partner in the delivery of this project. As a Partner, we agree to serve as an active member and contributor to the planning portion of the project, and, if feasible, to the implementation of the pilot as well. Our role will be to contribute our experience with heat pump technology and relationships with local tradespeople to provide input and help guide the assessment, planning, and implementation activities of the project.

We look forward to participating in this project and value the important contributions this project will make to transform our Beverly EJ Community. This project will provide greater access and opportunities to develop our clean air, building decarbonization, energy bill relief, and hot day relief for both our EJ populations and their landlords. We look forward to strengthening our partnerships with the participating organizations in the region and developing collaborative project ideas and shared learning to improve our communities. I strongly encourage The United States Environmental Protection Agency to support this proposal.

Please contact me with any questions. I can be reached at Ex. 6 Personal Privacy (PP) or by email Ex. 6 - Personal Privacy (PP)

Sincerely,



Alejo Maqueda, Owner of ecoWAVEus LLC

ACTION INC.

April 13th, 2023

United States Environmental Protection Agency

RE: Proposal to *The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program*

To whom it may concern:

Action Inc. is an enthusiastic supporter and partner in the Green Beverly proposal to *The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program* for the project titled "*Equitable Clean Air and Climate Relief Pilot*". The project period is 3 years after receipt of project award.

The purpose of this project is to design and pilot a building decarbonization model within our EJ communities. This model will involve several components ranging from landlord/tenant relationships, energy efficiency and electrification upgrades, innovative heat pump technology for efficient cooling and heating, and equitable financial models designed to save everyone money. The intent of the model is to distribute the ongoing cost savings realized from heat pump technology to the tenants and the landlords in order to incentivize change. In addition to cost savings, the tenants will benefit from more efficient cooling on the hot summer days, cleaner air quality, and comfortable heat during the winter. Landlords benefit from infrastructure updates and manageable investment returns. And, we all benefit from reduced greenhouse gas emissions!

Action Inc. looks to assist in this pilot through the delivery of specific energy saving and decarbonizing measures for participating income eligible participants. This work is closely aligned with our mission. The mission of Action Inc. is to build an equitable and resilient community by creating opportunities for all on Cape Ann and its surrounding communities. Our work facilitates access to many assistance programs with the goal of reducing financial strain and improving the overall well-being for the residents of our community. Our key program areas include fuel assistance, energy services,

Main Office
180 Main Street
Gloucester, MA 01930
Ex. 6 Personal Privacy (PP)

Emergency Shelter
370 Main Street
Gloucester, MA 01930
Ex. 6 Personal Privacy (PP)

Energy Services - North
47 Washington Street
Gloucester, MA 01930
Ex. 6 Personal Privacy (PP)

Energy Services - South
3 Centennial Drive STE 230
Peabody, MA 01960
Ex. 6 Personal Privacy (PP)

actioninc.org

ACTION INC.

affordable housing, emergency shelter, adult & youth education, job training, financial empowerment, and more. Several of Action programs have a substantial overlap with the goals of this pilot, most notably our energy services program. Through this program Action facilitates the delivery of energy saving and decarbonizing measures such as weatherization, lighting and appliance upgrades, health & safety barrier mitigation, high efficiency heating upgrades including cold climate heat pumps, and much more.

This letter serves to acknowledge that Action Inc. will serve as a Partner in the delivery of this project. As a Partner, we agree to serve as an active member and contributor to the planning portion of the project, and, if feasible, to the communication to our EJ communities as well. As an active partner in the planning process, we understand that we will receive a stipend of $5,000. Our role will be to contribute our experience and relationships with community stakeholders to provide input and help guide the assessment, planning, and implementation activities of the project.

We look forward to participating in this project and value the important contributions this project will make to transform our Beverly EJ Community. This project will provide greater access and opportunities to develop our clean air, building decarbonization, energy bill relief, and hot day relief for both our EJ populations and their landlords. We look forward to strengthening our partnerships with the participating organizations in the region and developing collaborative project ideas and shared learning to improve our communities. I strongly encourage The United States Environmental Protection Agency to support this proposal.

Please contact me with any questions. I can be reached at Ex. 6 - Personal Privacy (PP) or by email at Bdelaney@actioninc.org.

Sincerely,

Brendan Delaney

Brendan Delaney
Director of Residential Energy

Main Office
180 Main Street
Gloucester, MA 01930
Ex. 6 Personal Privacy (PP)

Emergency Shelter
370 Main Street
Gloucester, MA 01930
Ex. 6 Personal Privacy (PP)

Energy Services - North
47 Washington Street
Gloucester, MA 01930
Ex. 6 Personal Privacy (PP)

Energy Services - South
3 Centennial Drive STE 230
Peabody, MA 01960
Ex. 6 Personal Privacy (PP)

actioninc.org

BeverlyBootstraps
EMBRACE · EDUCATE · EMPOWER

April 7, 2023

United States Environmental Protection Agency

RE: Proposal to *The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program*

To whom it may concern:

Beverly Bootstraps is an enthusiastic supporter of the Green Beverly proposal to *The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program* for the project titled *"Equitable Clean Air and Climate Relief Pilot"*. The project period is 3 years after receipt of project award.

The purpose of this project is to design and pilot a building decarbonization model within our EJ communities. This model will involve several components ranging from landlord/tenant relationships, energy efficiency and electrification upgrades, innovative heat pump technology for efficient cooling and heating, and equitable financial models designed to save everyone money. The intent of the model is to distribute the ongoing cost savings realized from heat pump technology to the tenants and the landlords in order to incentivize change. In addition to cost savings, the tenants will benefit from more efficient cooling on the hot summer days, cleaner air quality, and comfortable heat during the winter. Landlords benefit from infrastructure updates and manageable investment returns. And, we all benefit from reduced greenhouse gas emissions!

As a social service agency, Beverly Bootstraps staff work with underserved people in our community. We see the effects of costly heating and cooling and help our clients apply for heating and utility assistance. In addition, we have our own fund to help our clients stay warm in the winter months. We also witness the health effects of inadequate heating or cooling and the stress it creates for people. In addition, we work closely with landlords who struggle to keep rents contained due to increased costs of heating. This project is closely aligned with our work and will make a positive impact on the people we serve.

This letter serves to acknowledge that Beverly Bootstraps will support Green Beverly in the execution of their project. Our role will be to contribute our experience and relationships with community stakeholders to provide input and help guide the assessment, planning, and implementation activities of the project.

We look forward to participating in this project and value the important contributions this project will make to transform our Beverly EJ Community. This project will provide greater access and opportunities to develop our clean air, building decarbonization, energy bill relief, and hot day relief for both our EJ populations and their landlords. I strongly encourage The United States Environmental Protection Agency to support this proposal.

Please contact me with any questions at Ex. 6 - Personal Privacy (PP) or by email sgabriel@beverlybootstraps.org

Sincerely,

Sue Gabriel

Sue Gabriel
Executive Director

35 Park Street • Beverly, MA 01915 • T: Ex. 6 Personal Privacy (PP), F: Ex. 6 - Personal Privacy (PP) • BeverlyBootstraps.org

Edward P. Lavernoich
President
Bridgeport Economic Development Corporation (BEDCO)

Lavernoich received a BA from the University of Connecticut, a Master of City Planning (MCP) from the University of Rhode Island, and a Master of Science (MS) in Financial Management from the Graduate School of Business at Fairfield University. He received certification as an Economic Development Finance Professional from the National Development Council in 1988.

Lavernoich was a 26-year employee of the City of Bridgeport's Office of Planning and Economic Development (OPED), promoted 5 times under 4 different Mayoral administrations. He has served as Interim Director of OPED on three separate occasions for Mayors Fabrizi (2003-4), Finch (2008), and Ganim (2016) during Mayoral administration transitions. He served as the Town of Trumbull's Director of Economic & Community Development for 3 years prior to coming to BEDCO as President. Previously, he had been a BEDCO Board member for more than 20 years. He is a former Board Member and Clerk of the Steel Point Infrastructure Improvement District, former Treasurer and Loan Committee Chairman of the Grow Bridgeport Fund and Community Capital Fund, and former Executive Director of the Bridgeport Redevelopment Agency.

Lavernoich has provided testimony before the Connecticut State Legislature on urban development, property tax, and environmental issues. He is a lifetime resident of Connecticut.

Updated 9/18

Ex. 6 Personal Privacy (PP)

Vice President of Construction

WALDRON

Professional Qualifications

BS, Marine Engineering, Massachusetts Maritime Academy
MBA, Franklin Pierce College

Years of Experience

With Waldron: 12 years
With Other Firms: 13 years

Professional Certifications

OHSA 30-Hour Certified

Background

Ex. 6 Personal Privacy (PP) is the Vice President of Construction and is responsible for all aspects of Waldron's construction operations and success. Ex. 6 Personal Privacy (PP) has over 25 years of experience in the industrial construction industry including power generation, industrial processing, and water and wastewater treatment. Ex. 6 Personal Privacy (PP) has oversight of the execution of all construction projects and services for Waldron. He is also responsible for constructability reviews, cost opinion development, and project scheduling in support of Waldron's engineering group. Previously, he has held positions as Senior Estimator, Project Manager, Construction Manager, Project Engineer, Maintenance Engineer, and various roles in power plant operations and maintenance.

Experience

Senior Estimator – Methuen Construction Company – Plaistow, NH
Primarily responsible for the complete pricing and estimating for process mechanical piping, process equipment, and controls for industrial projects. Projects ranged in size from $1M to over $100M in hard bid and alternative delivery markets. Duties included complete bid management for specific projects, steel fabrication and erection project management, equipment procurement, proposal writing, and teammate development.

Baystate Medical Center CHP Project – Springfield, MA
Served as on-site Construction Manager to oversee the construction of a 5 MW Solar turbine and 21.4 kpph Rentech HRSG. Work included installation of a Broad USA steam absorption chiller, CAT black start generator, auxiliary equipment, excavation, foundations, structural steel, electrical distribution, architectural finishes, and controls.

Twin Rivers Technologies Manufacturing Corp. – Quincy, MA
Project Manager for a 1.8 MW CHP installation at an industrial fatty acid and glycerin manufacturing plant. Project work included demolition, excavation, deep foundations, concrete, site work & utilities, structural & miscellaneous steel, heavy mechanical rigging, electrical & controls work, power piping, MEP disciplines, fire suppression & alarm, and architectural finishes.

Milford Regional Medical Center – Milford, MA
Performed project estimating for an 800 KW CHP resulting in the award of an EPC contract. Scope included excavation, buried utilities, micro-pile installation, foundation, electrical & controls work, piping, and rigging & setting of equipment. Duties included coordination with Milford building and gas inspector, permitting, field layout of micro-piles, and project oversight.

Generadora Electrica del Norte (GENOR) – Puerto Barrios, Izabal, Guatemala
Engineering Project Manager and Construction Manager for the detailed design and construction of a 5 MW waste heat recovery organic rankine cycle power plant. Project included foundations, structural steel, turbomachinery, waste heat recovery heat exchangers, electrical distribution equipment, evaporative condensers, control & fire systems, and plant auxiliaries. CM duties included staffing of site team using local personnel, daily project status reporting, QA/QC oversight, engineering construction support, and design liaison services to home office.

Proctor & Gamble/Gillette, South Boston Manufacturing Center – Boston, MA
Served as on-site Construction Manager responsible for the installation, testing, and commissioning for a 7.5 MW Solar turbine and 100,000 lb/hr Rentech HRSG. Work included installation of cogeneration equipment, structural steel, driven piles, foundations, 13.8kV switchgear, medium & low voltage breakers, auxiliary equipment, architectural finishes, and controls.

Public Service of New Hampshire – Manchester, NH
Manager of the generation engineering group responsible for supporting the utility's fossil and renewable energy plants with project management, project economic analyses, constructability reviews, and technical evaluations. Projects included feasibility studies for biomass co-firing with coal, peaking combustion turbine replacement, photo-voltaic array installation, wind turbine projects, hydro power maximization studies, equipment replacement studies, fuel oil boiler conversion to biomass studies, and turbine fire protection studies.

Canaan Hydro – Canaan, VT
Project Manager responsible for the engineering, design, subcontracting, permitting, and construction of a 1,400 ft. long, 9 ft. diameter steel penstock along the Connecticut River serving a 1 MW utility owned hydro station. Work included demolition of the existing wooden stave penstock, historic displays, ground water and soils testing, penstock installation, foundations, and site improvements. Project required extensive interaction—and compliance with—state and federal agencies including the Federal Energy Regulatory Commission, Army Corps of Engineers, Vermont and New Hampshire State Historic Preservation Offices, Vermont Department of Environmental Conservation, and local officials.

Schiller Station – Portsmouth, NH
Project Manager for marine terminal upgrades at the main coal unloading facility at the 150 MW power station. Responsibilities included dock inspection, berthing studies, engineering, bidding, subcontracting, and installation management. Scope of work was removal and reinstallation of existing structural protective coating, fender and shear chain replacement, and application of marine hardware protective coatings.

Merrimack Station – Bow, NH
Project Engineer responsible for the technical specifications, budget, engineering, bidding, subcontracting, and on-site construction management for the installation of a new automated coal

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sampling system. The scope of work included on-site layout, concrete foundation, equipment setting, existing conveyor belt modifications, and electrical & controls installation.

Garvins Falls Hydro – Bow, NH
Provided oversight for the installation of new station generator step up transformers and breakers. Project included electrical demolition, on-site contractor oversight, concrete flat work, utility relocations, and new equipment installation and testing.

Ayers Island Hydro – Bristol, NH
Provided oversight for the engineering, bidding, and subcontracting for the installation of the main station isolation breaker in the utility substation. Work included coordination of the electrical engineer with utility protection engineering, procurement, project controls, and oversight of installation.

Eastman Falls Hydro – Franklin, NH
Provided oversight for the bidding and subcontracting for dam resurfacing. Work included project coordination with hydro personnel and contractor for work scheduling, project controls, and oversight of surface prep, reinforcement, and installation of shot-crete to existing dam surface.
Harvard University: Blackstone Station – Cambridge, MA
On site Construction Manager responsible for heavy demolition, site utilities, fuel oil storage tanks, structural steel and concrete, mechanical & electrical systems, and instrumentation and controls for a new 150,000 lb/hr boiler, 5 MW steam turbine & auxiliaries, and 2 MW standby diesel generator.

Tractebel/Suez (NECCO Facility) – Revere, MA
Served as Construction Coordinator for HVAC upgrades and support steel modifications for reciprocating engine driven generator overhaul gantries.

Consolidated Edison Development – Newington, NH
Served as Construction Coordinator for miscellaneous steel fabrication, installation of water treatment systems, prefabricated steel building erection, HVAC, and electrical power and controls installation to support continuous oil firing for the 525 MW combined cycle plant.

Fitchburg State College – Fitchburg, MA
Boiler fireman for the school's central thermal plant. Operated firetube boilers, watertube boilers, steam chillers, and plant auxiliary equipment. Performed plant equipment maintenance and repairs.

ED_016126_00000052-00004

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)
Beverly, MA 01915
Ex. 6 - Personal Privacy (PP) (cell)
Ex. 6 Personal Privacy (PP)

WORK EXPERIENCE

GREEN BEVERLY
Beverly, MA

Executive Director (5/21 to present)
Built nonprofit organization based on Quadruple Helix Model of Innovation to be a resource for local residents, local businesses and local educational systems
Architecting and coordinating local sustainability projects that benefit the community
Synchronizing with the City of Beverly to implement educational and communications oriented actions from the Resilient Together climate action plan

CLEAN ENERGY ADVISORY COMMITTEE (CEAC)
Beverly, MA

Volunteer Member (4/19 to present)
Contributor to home town community engagement initiative
Co-coordinator of home town sustainability fair
Providing various decision support tools like an estimated GHG inventory

PATH TO A GREEN HOME
Beverly, MA
Provider of residential sustainability software and campaigns for cities and communities

Founder (10/18 to present)
Developed first of its kind sustainable lifestyle app that integrates the citizen, local business community, and the municipality
Developed and Marketed first of its kind, Home Sustainability Plan for homeowners
Developed and Marketed actionable residential campaign for cities and communities
Numerous speaking engagements on various sustainability topics
Gut remodel of own home to dramatically reduce carbon footprint

SAJAN, INC. / AMPLEXOR
River Falls, WI
Leading provider of language translation service and technology.

Strategic Account Director (6/09 to 12/19)
Exceeded account growth quota in all 10 years
Managed a portfolio of business between $8M-$10M annually
Managing global accounts such as IBM, Cisco, Nike, Johnson Controls, UPS, VMware, and CrossFit
Combination of hunting and expanding existing accounts

VP Worldwide Sales (1/08 to 5/09)
Promoted into position - reporting to CEO - to drive Sajan revenue worldwide.
Achieved 50% year over year growth in first year
Grew direct sales team from 10 to 13 reps
Developed sales methodology utilizing Salesforce.com
Developed repository for sales tools and competitive collaboration
Worked with Operations to streamline the Sales to Operations handoff

Managing Director, East (6/07 to 12/07)
Hired into position - reporting to CEO - to drive Sajan's revenue in the Eastern region.
Developed sales tools such as Strategic Account Plans
Developed sales training program

STELLENT, INC. (purchased by Oracle in1/07)
Minneapolis, MN
Leading manufacturer of web-based Content Management and GRC software with annual sales of $120M.

Director, Strategic Alliances (4/06 to 5/07)
Promoted into position - reporting to VP Strategic Partners - to drive revenue through Stellent's strategic alliances.
Build corporate and field level go-to-market plans with key alliances including PwC, KPMG, Deloitte, Protiviti, Approva and BearingPoint.
Set up working relationships in the field between Stellent sales representatives and the corresponding partner representative.
Manage pipelines for joint sales opportunities with each alliance partner.
Assist with sales strategy on accounts that involve an alliance partner.
Execute joint marketing activities like eseminars, executive breakfast seminars, trade shows, press briefings, whitepapers and marketing collateral with key alliances.
Manage the internal marketing activities of driving awareness of the alliance within the Stellent sales force and the alliance partner field.
Developed a new joint market business case and go-to-market plan around eDiscovery with Protiviti.

Secured several new name accounts like Fujitsu, El Paso Energy and Avocent.

Director, Compliance Applications (4/03 to 4/06)
Promoted into position - reporting to EVP Compliance - to initiate and build Stellent's GRC practice.
Investigate Sarbanes-Oxley / GRC market and build Go-to-Market plan.
Negotiated an alliance agreement with Protiviti – the leading risk management firm.
Directed 150% year over year growth by providing direct sales support and strategy to vertical sales team of 13 worldwide – accumulating more than $6M in sales.
Secured several new name accounts like American Honda, Costco and La-Z-Boy.
Investigate new markets in related areas like JSOX, Bill 198, and OMB-A123.
Assist product marketing and management with the development of sales tools and product specifications.
Accomplished top rankings by industry analysts: considered a 'visionary' by Gartner in the Financial Compliance Process Management Software Magic Quadrant and a 'Strong Performer' by Forrester in the GRC Compliance Software Wave.

Director, Product Management (4/01 to 4/03)
Promoted into position - reporting to VP Marketing - to provide product management for all of Stellent's enterprise software products.
Manage team of three product managers that oversee product management of 25 products.
Instrumental in landing the two largest Content Management deals (each multi-million dollars in software) in Stellent's history.
Released Stellent v6 which included three new servers – a Collaboration Server, a Connection Server, and our first pure J2EE server.
Accomplished top rankings by industry analysts: considered a 'leader' by META Group, given the top 'visionary' position in Gartner's Magic Quadrant, and a ranking within the top 3 in Forrester's Content Management report.
Manage joint marketing relationship with Adobe.

Director, Product Marketing (4/00 to 4/01)
Promoted into position - reporting to VP Marketing - to provide product management and product marketing for all of Stellent's enterprise software products.
Increased Product Marketing group to 5 people - which are responsible for marketing requirements, pricing and packaging, 3rd party technology relationships, competitive analysis, fact sheets, presentations, white papers, and corporate demonstrations.
Integrated technology from two acquisitions into the Stellent product line.
Added three new products to the Stellent Content Management Suite.
Increased the price of the main Stellent products by 300%.
Providing sales training for sales staff that is growing at 25% quarter-to-quarter.
Accomplished ranking of 4th (out of 12) in Forrester's Content Management report.

Product Marketing Manager (6/98 to 4/00)
Hired into position - reporting to VP Marketing - to provide product management and product marketing for the Stellent product line.

Launched the Xpedio product line - which re-branded Stellent as a Content Management vendor and is now responsible for $15M in quarterly revenue.
Increased the product offering from 8 to 15 products in six months by re-packaging and by 'productizing' several service offerings.
Performed market analysis, product planning, and internal communications on 15 products in the Stellent product family.
Organized quarterly sales training sessions for worldwide sales representatives and resellers.
Installed a formal process for turning market requirements into development plans.
Instituted regular web seminars that continue to be our best source of leads.

STRUCTURAL DYNAMICS RESEARCH CORPORATION (SDRC)
Cincinnati, OH
Third largest manufacturer of CAD/CAM/CAE/PDM Engineering software with sales of $350M and an 8% market share. Acquired Camax Manufacturing Systems in June '96.

CAM Marketing Specialist (2/97 to 6/98)
Initially promoted to position - reporting to Director, CAM Business - to provide technical expertise for creating / implementing a CAM strategy. With a change of Directors in October, my focus switched to leading the creation / implementation of our corporate Data Translation strategy.
Utilizing a 7 person cross-departmental team to create a strategy based on Market Opportunity & Corporate Direction. The strategy concept was presented and approved based on revenues of $110M and costs of $7M over a 5 year period.
Coordinating deliverables with two other marketing programs - one targeting the replacement of a competitive system and the other targeting a new market.
Leading the negotiation with a 3rd party for the development of one deliverable. Contract is royalty based with royalties of approximately $1M per year.
Investigating market needs and competitive systems for best pricing and packaging strategy.
Creating a WEB page for internal communication of the program.

CAM strategy consisted of migrating 2 products ($20M annual revenues) into a third ($3M annual revenues) while maintaining short term revenue.
Involved cross-departmental leaders early to identify internal organizational issues / costs as well as possible customer (approx. 12,000) issues.
Investigated worldwide customers' needs as well as competitors to chart future development of all three products.
Charted product pricing & packaging changes that would help the customer base transition through the product consolidation.
Charted 5 year financials for CAM business that showed a dip in the first year but a 4x increase over 5. Upon presenting proposal and financial plan to Executive staff approval was given to proceed with product consolidation.

Application Engineer - European Operations (6/96 to 2/97)
With Camax Manufacturing Systems acquisition, task was to provide technical assistance in integrating Camax reseller network with SDRC direct sales.
Provided new product training to resellers.
Provided product / industry knowledge to direct sales for internal training and prospect visits.

CAMAX MANUFACTURING SYSTEMS
Minneapolis, MN
Privately held CAM software developer with 160 employees (2 main locations), worldwide reseller network, and annual revenues of $20M.

International Applications Engineer (2/93 to 6/96)
Worked to build up the International Support Team from 1 to 6 people. During this time revenues grew from $2.8M to $7M. Reseller network consisted of approximately 40 resellers in 25 countries.
Visited resellers regularly (7 trips / year) to provide technical training as well as assist in user seminars and prospect visits. Organized annual technical conferences.
Communicated regional market needs back to product development.

Customer Support Engineer (6/91 to 2/93)
Provided telephone hotline support for high end CAM product to both domestic and international customers / resellers.
Participated in product development teams for new product enhancements.

CATERPILLAR PAVING PRODUCTS INC.
Minneapolis, MN

Industrial Engineer (5/90 to 8/90)
Designed and implemented assembly fixtures
Utilized CAD to upgrade plant layout

WARNER ELECTRIC BRAKE & CLUTCH
Marengo, IL

Manufacturing Engineer (5/89 to 1/90)
Reduced set-up and cycle times for operations
Participated in the set-up of a JIT line

EDUCATION / INTERESTS

BS, Applied Technology University of Wisconsin - Stout, 1991
Graduate classes, Manufacturing Systems Engineering University of St. Thomas
Squash, Scuba Diving, House / Yard work

Ex. 6 Personal Privacy (PP)

Clean Energy and Sustainability Advisor

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)
Beverly, Massachusetts 01915
United States of America

Ex. 6 - Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)

Summary

Leader in the fields of Clean Energy and Sustainability

Competent in Spanish and English

Strong interpersonal skills

Effective engagement in resource poor settings

Founding member of two successful 501(c)3 nonprofits

Experience

City of Beverly / Clean Energy Advisory Committee
2017 - present, Beverly, MA USA

Chair, 2020-present

Co-created two City Council approved resolutions to increase Beverly's commitment to work toward achieving 100% renewable energy

Collaborated on various City-initiated projects and programs including

- increased municipal solar
- more robust electric vehicle support
- a climate resiliency program in partnership with Salem
- green municipal aggregation
- the hiring of the City's first Sustainability Director

Credited for committee-wide effort to increase sustainability awareness, earning state and nation-wide recognition

Green Beverly / Director of Events & Coaching
2020 - present, Beverly, MA USA

Achieved 501(c)3 status, 2021

Participated in design and scaling of a community driven nonprofit dedicated to fulfilling narrow and broad initiatives aimed at directly reducing local greenhouse gas emissions

Founding member and representative of leadership team

Responsible for robust community engagement efforts including events,

workshops, and dynamic coaching program

Commitment to diversity, equity, inclusion, and justice at all points of decision making

Global Child / Spanish Teacher
2017 - present, Boxford, MA USA

Planned and presented weekly lessons for each of the five elementary schools in Beverly

Incorporated innovative cultural sensitivity components to support and enrich learning environment for students of all contexts and backgrounds

Natural Living and Learning Center / Administrator and Educator
2022 - present, Salem, MA USA

Developed and implemented alternative education infrastructure and program

Serve as lead educator for multi-leveled Spanish language program

ASAPROSAR Development Fund, Inc. / Founding Member
2000 - present, Beverly, MA USA

Inspired by 1995 multi-service public health organization, Asociación Salvadoreña Pro Salud Rural (ASAPROSAR), in Santa Ana, El Salvador

Achieved 501(c)3 status for local ASAPROSAR Development Fund, 2000

Elicited financial and moral support via hands-on service trips and written communications to improve public health conditions including more sustainable living practices for resource poor in and near Santa Ana

Prepared successful grant to fund first philanthropy director

Frequently utilized Spanish language

Quincy Community Action Programs, Inc. / Special Projects
1999 - 2002, Quincy, MA USA

Planned projects to support the needs of low income population within a diverse urban community including food and home heating assistance

Frequently utilized Spanish language

Women, Infants, & Children / Certified Nutrition Assistant
1995, Dorchester, MA USA

Earned Nutrition Assistant certification 1995

Provided nutrition consultation for pregnant women and mothers of various backgrounds in an urban setting

Frequently utilized Spanish language

Education

Boston University / Master of Public Health
2002, Boston, MA, USA

Concentration: International Health

Kalamazoo College / Bachelor of Arts
1997, Kalamazoo, MI, USA

Major: Human Development and Social Relations

Minors: Economics, Spanish

Semester abroad: Universidad San Francisco de Quito, Ecuador 1995-96

Internship: Salvadoran Association for Rural Health (ASAPROSAR), Santa Ana, El Salvador 1995

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Professional and educational experience in policy analysis and project management.
Research topics include student-parent educational success programs, affordable housing, and equitable transit-oriented development.

Education

Harvard University GSD - Master of Urban Planning Candidate Class of 2024

Endicott College, Beverly, MA *05/ 2015 - 05/2019* Bachelor of Arts in Public Policy
Awards: Dean's List 2015, 2016, 2017, 2019
Scholarship: Endicott's Peter Henderson and Lynn O'Toole Scholarship, Financial Women's Association /Bank of Montreal Scholarship, New Yorkers for Children Scholarship, Interpublic Group Scholarship

Professional Experience

U.S. House of Representatives – Office of Congressman Seth Moulton. Salem, MA *04/2019 - present*
District Liaison

- Act as a liaison between constituents of the 6th congressional district and federal agencies to resolve issues through investigation and arbitration - managing 100+ individual cases at any given time
- Collaborate with local stakeholders and experts on legislative priorities for the Congressman to sponsor /co-sponsor
- Promote federal grant opportunities to municipalities, businesses, and organizations throughout the region and prepare letters of support from our office for those applying for such grants
- Develop, implement, and execute our office's Diversity, Equity, and Inclusion agenda as it relates to diverse talent recruitment, internal anti-racist training, and addressing inequities and injustices throughout our district

Harborlight Community Partners, LLC. Beverly, MA *06/2018 - 04/2019*
Summer/Fall Intern

- Created/maintained public records for each of the company's 16+ affordable housing profiles
- Oganized funding applications for submission to various governmental agencies in order to expand our affordable housing sites that serves over 350 low - income individuals and families
- Collaborated with Director of Real Estate and Architects to ensure that sites are meeting requirements expected by local, state, federal, and private funders
- Assessed and evaluate current policies in use that directly affect day - to - day operations of our agency

Endicott College: Independent Study - Housing Policy Research, Beverly, MA *01/2018 - 05/2018*
Researcher

- Examined the relationship between racial segregation and the wealth gap in Massachusetts; evaluated relevant policies intended to address such disparities
- Researched the politics of zoning and land - use regulation and state legislations focused on incorporating affordable housing into the housing stock of each city
- Produced a substantive piece of scholarly work on the efforts of grassroots activists to repeal affordable housing legislation in Massachusetts

Endicott College - Program Evaluation and Research Group, Beverly, MA *06/2017 - 05/2018*
Project Analyst

- Assisted in the study of baccalaureate student parent programs and the students they serve
- Summarized the implications of our findings for four-year colleges and universities, as well as state and federal agencies
- Consulted and made recommendations to our principal clients in order to promote successes and reduce challenges faced in their program implementation

National Center for Student Parent Programs, Beverly, MA *09/2015 - 06/2017*
Undergraduate Research Fellow

- Focused on national policy proposals and initiatives including campus childcare, Women's and Work/Life centers
- Worked collaboratively with partnering institutions in order to present new data and initiatives related to student parent programs at colleges and universities across the Mid-Atlantic and New England
- Assisted in the completion of the Mid-Atlantic *Find - Your - Way Guide*, which is a comprehensive resource guide consisting of services for student parents at colleges and universities across the East Coast

Volunteer

- North Shore Community Action Program (NSCAP)- Board of Directors
- Green Beverly - Board Member and Project Manager of the *Green Up 100 program*
- NAACP North Shore Chapter member
- American Planning Association (APA) of New England Chapter Member

Featured: Ex. 6 Personal Privacy (PP)

Featured, Ex. 6 Personal Privacy (PP) *The Wall Street Journal*

Ex. 6 Personal Privacy (PP) *YouTube*, commentary by

Ex. 6 Personal Privacy (PP) September, 2015

FOR YOUTH DEVELOPMENT®
FOR HEALTHY LIVING
FOR SOCIAL RESPONSIBILITY

YMCA of the North Shore
245 Cabot Street
Beverly, MA 01915
Ex. 6 Personal Privacy (PP)

Cape Ann YMCA
71 Middle Street
Gloucester, MA 01930
Ex. 6 Personal Privacy (PP)

Haverhill YMCA
81 Winter Street
Haverhill, MA 01830
Ex. 6 Personal Privacy (PP)

Ipswich Family YMCA
110 County Road
Ipswich, MA 01938
Ex. 6 Personal Privacy (PP)

Lynch/van Otterloo YMCA
40 Leggs Hill Rd.
Marblehead, MA 01945
Ex. 6 Personal Privacy (PP)

Plaistow Community YMCA
175 Plaistow Road
Plaistow, NH 03865
Ex. 6 Personal Privacy (PP)

Salem YMCA
One Sewall Street
Salem, MA 01970
Ex. 6 Personal Privacy (PP)

Sterling Center YMCA
254 Essex Street
Beverly, MA 01915
Ex. 6 Personal Privacy (PP)

United Way
Massachusetts Bay
Merrimack Valley
North Shore

April 11, 2023

United States Environmental Protection Agency

RE: Proposal to *The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program*

To whom it may concern:

The YMCA of the North Shore is an enthusiastic supporter and primary partner in the Green Beverly proposal to *The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program* for the project titled "*Equitable Clean Air and Climate Relief Pilot*". The project period is 3 years after receipt of project award.

The purpose of this project is to design and pilot a building decarbonization model within our EJ communities. This model will involve several components ranging from landlord/tenant relationships, energy efficiency and electrification upgrades, innovative heat pump technology for efficient cooling and heating, and equitable financial models designed to save everyone money. The intent of the model is to distribute the ongoing cost savings realized from heat pump technology to the tenants and the landlords in order to incentivize change. In addition to cost savings, the tenants will benefit from more efficient cooling on the hot summer days, cleaner air quality, and comfortable heat during the winter. Landlords benefit from infrastructure updates and manageable investment returns. And, we all benefit from reduced greenhouse gas emissions!

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United Way
Massachusetts Bay
Merrimack Valley
North Shore

We are very excited to be a collaborator on this project. Currently we have over 300 units of housing with more planed for the future. This work is closely aligned with our mission. Our mission is to strengthen communities, educate and nurture children and promote healthy living in spirit, mind and body. We help to provide over 500 people with a clean, safe and affordable place to call home. This program will help to provide more efficient and affordable sources of energy for our residents. Our work facilitates providing housing to a wide range of people. We have family housing and individual housing that is all affordable housing. We have income limits and many of our residents have very little discretionary income. Any cost saving to our residents would help in a major way to their quality of life. Any cost savings to our properties would help us to continue to pursue new opportunities in affordable housing.

This letter serves to acknowledge that the YMCA of the North Shore will serve as a Primary Partner in the delivery of this project. As a Partner, we agree to serve as an active member and contributor to the planning portion of the project, and, if feasible, to the implementation of the pilot in our EJ housing communities as well. Our role will be to contribute our experience and relationships with community stakeholders to provide input and help guide the assessment, planning, and implementation activities of the project.

We look forward to participating in this project and value the important contributions this project will make to transform our Beverly EJ Community. This project will provide greater access and opportunities to develop our clean air, building decarbonization, energy bill relief, and hot day relief for both our EJ populations and their landlords. We look forward to strengthening our partnerships with the participating organizations in the region and developing collaborative project ideas and shared learning to improve our communities. I strongly encourage The United States Environmental Protection Agency to support this proposal.

FOR YOUTH DEVELOPMENT®
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Sterling Center YMCA
254 Essex Street
Beverly, MA 01915
Ex. 6 - Personal Privacy (PP)

Please contact me with any questions. I can be reached at Ex. 6 - Personal Privacy (PP) or by email: goodwind@northshoreymca.org

Sincerely,

David Goodwin

Executive Director of Housing

YMCA of the North Shore

United Way
Massachusetts Bay
Merrimack Valley
North Shore

www.northshoreymca.org

SALEM
PLUMBING SUPPLY

PO Box 510
Beverly, MA 01915
Ex. 6 - Personal Privacy (PP)
www.salemplumbing.com

April 7, 2023

United States Environmental Protection Agency

RE: Proposal to *The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program*

To whom it may concern:

Salem Plumbing is an enthusiastic supporter and Partner in the Green Beverly proposal to *The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program* for the project titled "*Equitable Clean Air and Climate Relief Pilot*". The project period is 3 years after receipt of project award.

The purpose of this project is to design and pilot a building decarbonization model within our EJ communities. This model will involve several components ranging from landlord/tenant relationships, energy efficiency and electrification upgrades, innovative heat pump technology for efficient cooling and heating, and equitable financial models designed to save everyone money. The intent of the model is to distribute the ongoing cost savings realized from heat pump technology to the tenants and the landlords in order to incentivize change. In addition to cost savings, the tenants will benefit from more efficient cooling on the hot summer days, cleaner air quality, and comfortable heat during the winter. Landlords benefit from infrastructure updates and manageable investment returns. And, we all benefit from reduced greenhouse gas emissions!

This work is closely aligned with our mission. Our mission is to provide our customers (plumbers, HVAC, electricians) with the latest products and technologies that they can use to help their end clients live in comfort while saving energy and money. We help to educate our customers (tradespeople) on the latest heat pump and domestic hot water heat pump products. As a distributor of plumbing and heating products, we're continually keeping an eye on the latest innovations in order to give our customers a competitive advantage.

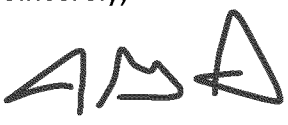
This letter serves to acknowledge that Salem Plumbing will serve as a Partner in the delivery of this project. As a Partner, we agree to serve as an active member and contributor to the planning portion of the project, and, if feasible, to the implementation of the pilot as well. Our role will be to contribute our experience with heat pump technology and relationships with

local tradespeople to provide input and help guide the assessment, planning, and implementation activities of the project.

We look forward to participating in this project and value the important contributions this project will make to transform our Beverly EJ Community. This project will provide greater access and opportunities to develop our clean air, building decarbonization, energy bill relief, and hot day relief for both our EJ populations and their landlords. We look forward to strengthening our partnerships with the participating organizations in the region and developing collaborative project ideas and shared learning to improve our communities. I strongly encourage The United States Environmental Protection Agency to support this proposal.

Please contact me with any questions. I can be reached at Ex. 6 - Personal Privacy (PP) or by email Ex. 6 Personal Privacy (PP).

Sincerely,



Jason Sevinor
President

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) * Beverly, MA 01915 * Ex. 6 - Personal Privacy (PP)

PROFESSIONAL EXPERIENCE

Publicis.Sapient & Publicis Groupe — Boston, MA
Financial Planning & Analysis Manager – Global Mobility — 10/2015 – 04/2021

Corporate Finance Group Inc. (CFGI) — Boston, MA
Consultant — 10/2014 – 10/2015

Deloitte & Touche LLP — Denver, CO
Audit In-Charge — 09/2012 – 10/2014

Groom Construction — Salem, MA
Staff Accountant — 08/2010 – 01/2012

RELEVANT EXPERIENCE

CrossFit Variance — Beverly, MA
Owner and Coach — *Owned and Operated since March 2019*

- Day to day operations manager with multiple part time employees and volunteers.
- Owner and Manager of local community-oriented gym offering group fitness and personal training to over 50 members.

Real Estate Investor & Sales Consultant — Beverly, MA
Keller Williams Evolution & Churchill Properties — 09/2020 – Present

- Licensed real estate agent in Massachusetts & New Hampshire.
- Help clients Sell and Buy over $10 million in Real Estate since the start of 2021, including single family homes, condos, multi-families, and mixed used properties.

Landlord & Property Manager — Beverly, MA
Multi-Family Properties — 10/2014 – Present

- Own multiple rental units within Beverly, MA.
- Have completed numerous MassSave Energy Audits as well as worked on multiple energy conversion projects for residential single and multi-family homes.

Green Beverly Coach — Beverly, MA
Residential and Small Business Real Estate Coach — 10/2022 – Present

- Help neighbors within Beverly navigate their options related to heating/cooling systems, solar panel installation, energy efficient windows and other treatments.
- Discuss with Clients how certain energy efficient systems within their home will impact the environment, their property value, and their monthly expenses.

EDUCATION

Salem State University — Salem, MA
Business Administration with Accounting Concentration — *Graduated 05/2012*

Green Beverly
Employee Roster (as of April 1, 2023)

Employee Name	Role/Title	FT/PT	Hours per Week	In-Kind (Y/N)	Hourly Rate	Annual Salary
Altman, Erin	Team Coordinator / HR	PT	5.00	Y	$ -	$ -
Becker, Steve	CFO	PT	5.00	Y	$ -	$ -
Berg, Dean	Executive Director	FT	40.00	N	$ -	$ Ex. 6 Personal Privacy (PP)
Collins, Jane	Grant Writer	PT	5.00	N	$ Ex. 6 Personal Privacy (PP)	$ -
Dietel, Kim	Grant Writer	PT	5.00	N	$	$ -
Dwyer, Sam	Digital Communications	PT	5.00	Y	$ -	$ -
Gifford, Sam	Coaching Manager	PT	5.00	Y	$ -	$ -
Lee, Shelley	Programming Director	PT	15.00	N	$	$ -
Long, Julia	Community Engagement Direc	PT	20.00	N	$	$ -
Otis, Brett	Project Manager	PT	5.00	N	$ Ex. 6 Personal Privacy (PP)	$ -
Patterson, Isis	Energy Coach	PT	10.00	N	$	$ -
Quigley, Nelda	Volunteer Coordinator	PT	5.00	Y	$ -	$ -
Reilly, Mary	Project Manager	PT	10.00	Y	$ -	$ -
Wagner, Simone	Website Manager	PT	5.00	Y	$ -	$ -

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

The Climate Initiative

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We are waiving a need for indirect charges as part of this application.

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Application
New
2023-04-14
AMANDA ROBINSON
Kennebunkport Climate Initiative
84-4244790
RDHGRK58Q814
P O BOX 7004 57 GRAVELLY BROOK RD
Cape Porpoise
ME: Maine
04014-9000
USA: UNITED STATES

Ms.
Amanda
Robinson

Principal Gifts Officer
Employee
Ex. 6 Personal Privacy (PP)
amanda@theclimateinitiative.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Nothing About Us Without Us: Scaling Non-Partisan, Community-Based Climate Action across Geographies

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ME-1
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2026-11-01
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N: No
Y: Yes
Mr.
Jono
Anzolone

Executive Director
EX. 6 - Personal Privacy (PP)
jono@theclimateinitiative.org
Amanda Robinson
2023-04-14

The Climate Initiative
P O BOX 7004 57 GRAVELLY BROOK RD

Cape Porpoise
ME: Maine
04014

RDHGRK58Q814
Amanda Robinson
Ex. 6 Personal Privacy (PP)
amanda@theclimateinitiative.org
Principal Gifts Officer
N: No
N: No
Y: Yes
Y: Yes

Y: Yes
N: No
Y: Yes
Y: Yes
Amanda Robinson
Executive Director
2023-04-14

Mr.
Jono
Anzalone

Executive Director
PO Box 7004
57 Gravelly Brook Road
Cape Porpoise
ME: Maine
04014
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
Jono@theclimateinitiative.org

Mr.
Jono
Anzalone

Executive Director
PO Box 7004
57 Gravelly Brook Road
Cape Porpoise
ME: Maine
04014
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
jono@theclimateinitiative.org

Mr.
Jono
Anzalone

Executive Director
PO Box 7004
57 Gravelly Brook Road
Cape Porpoise
ME: Maine
04014
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
jono@theclimateinitiative.org

Ms.

Leia
Lowery

Deputy Director and Head of Programs and Part
PO BOX 7004
57 Gravelly Brook Road
Cape Porpoise
ME: Maine
04014
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
leia@theclimateinitiative.org

1235-Other Attachments.pdf
application/pdf
K6r/j/VdjFcHg9lFjN1mulW6h7k=

dO/yfeHFTKAVunpPldwmVAM1HDU=
2023-04-14T18:59:59.000-04:00
Amanda Robinson
GRANT13861889

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier: AMANDA ROBINSON

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Kennebunkport Climate Initiative

* b. Employer/Taxpayer Identification Number (EIN/TIN): 84-4244790

* c. UEI: RDHGRK58Q814

d. Address:

* Street1: P O BOX 7004 57 GRAVELLY BROOK RD
Street2:
* City: Cape Porpoise
County/Parish:
* State: ME: Maine
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 04014-9000

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Ms.
* First Name: Amanda
Middle Name:
* Last Name: Robinson
Suffix:

Title: Principal Gifts Officer

Organizational Affiliation: Employee

* Telephone Number: Ex. 6 Personal Privacy (PP)
Fax Number:

* Email: amanda@theclimateinitiative.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Nothing About Us Without Us: Scaling Non-Partisan, Community-Based Climate Action across Geographies

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: ME-1 | * b. Program/Project: ME-1

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 | * b. End Date: 11/01/2026

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	500,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Mr. | * First Name: Jono

Middle Name:

* Last Name: Anzolone

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 - Personal Privacy (PP) | Fax Number:

* Email: jono@theclimateinitiative.org

* Signature of Authorized Representative: Amanda Robinson | * Date Signed: 04/14/2023

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Mr. First Name: Jono Middle Name:
Last Name: Anzalone Suffix:
Title: Executive Director
Complete Address:
Street1: PO Box 7004
Street2: 57 Gravelly Brook Road
City: Cape Porpoise State: ME: Maine
Zip / Postal Code: 04014 Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**
E-mail Address: Jono@theclimateinitiative.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: Mr. First Name: Jono Middle Name:
Last Name: Anzalone Suffix:
Title: Executive Director
Complete Address:
Street1: PO Box 7004
Street2: 57 Gravelly Brook Road
City: Cape Porpoise State: ME: Maine
Zip / Postal Code: 04014 Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**
E-mail Address: jono@theclimateinitiative.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: Mr. First Name: Jono Middle Name:
Last Name: Anzalone Suffix:
Title: Executive Director
Complete Address:
Street1: PO Box 7004
Street2: 57 Gravelly Brook Road
City: Cape Porpoise State: ME: Maine
Zip / Postal Code: 04014 Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**
E-mail Address: jono@theclimateinitiative.org

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** Ms. **First Name:** Leia **Middle Name:**

Last Name: Lowery **Suffix:**

Title: Deputy Director and Head of Programs and Part

Complete Address:

Street1: PO BOX 7004

Street2: 57 Gravelly Brook Road

City: Cape Porpoise **State:** ME: Maine

Zip / Postal Code: 04014 **Country:** USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: leia@theclimateinitiative.org

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Maverick Landing Community Services Inc.

Address: 31 Liverpool Street

City: East Boston

State: MA: Massachusetts Zip Code: 02128

B. Unique Entity Identifier (UEI): J2PMH8K9F1X7

C. Applicant/Recipient Point of Contact

Name: Rita Lara

Phone: Ex. 6 Personal Privacy (PP)

Email: Rita@mavericklanding.org

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

N/A

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

N/A

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

N/
a

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

Rita Lara, Executive Director
Maverick Landing Community Services Inc
31 Liverpool Street, Boston MA 02128 (tel) Ex. 6 - Personal Privacy (PP)

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

Maverick Landing Community Services Inc. has board a grievance procedure in place to assure prompt and fair resolution of all complaints.

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Rita Lara	Executive Director	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

Serving the hungry, homeless and addicted of Coastal Connecticut since 1993.

BRIDGEPORT RESCUE MISSION

Expanding Hope. Rebuilding Lives.





725 Park Avenue | Bridgeport, CT 06604 | Ex. 6 - Personal Privacy (PP) | BridgeportRescueMission.org

April 12, 2023

To Whom It May Concern:

Please be advised that we are in discussions with NuPower Thermal LLC, the developers of the Bridgeport Thermal Loop to determine the benefits of connecting to an extension of their thermal loop heating system.

Reducing air emissions and improving air quality are goals the Bridgeport Mission strongly supports.

We look forward to working with NuPower Thermal LLC & BEDCO to complete the review process. We are optimistic the project will benefit our facility and the City of Bridgeport.

Thank you for your consideration.

Yours truly,

Michael A. Cobb
Director of Operations

FOR YOUTH DEVELOPMENT
FOR HEALTHY LIVING
FOR SOCIAL RESPONSIBILITY

BOARD OF MANAGERS

Louis Procaccini, Chair
Michael Leone, Treasurer
Sabine Kuczo, Secretary
Claire Burns
Jacob Cedusky
Steven Chin
Lin Christie
Mary DeNure
Melania Falcoln
Will Farmer
Paul Hirsch
Tyrone McClain
Renee Noren
Ed Piendl
Pamela Ralston
Timothy Romano
Christopher Rosario
Jason Schechtman
Barbara Szabo
Laura Wilkins

4/12/2023

To Whom It May Concern:

Please be advised that Alpha Community Services YMCA and the Bridgeport YMCA, both branches of Central Connecticut Coast YMCA, are working with the developers of the Bridgeport Thermal Loop to explore the potential use of thermal hot water to heat our facilities located at the South End Community Center on Ex. 6 Personal Privacy (PP) and at the Bridgeport YMCA on Ex. 6 Personal Privacy (PP).

The reduction of greenhouse gas emissions in Bridgeport is a worthy goal which we strongly endorse.

We look forward to working with NuPower Thermal, LLC & BEDCO to confirm mechanical arrangements and overall benefits.

Thank you for your consideration.

Sincerely,

Best,

Carmen Colon
Vice President – Bridgeport Y's
ALPHA COMMUNITY SERVICES YMCA
BRIDGEPORT YMCA
850 Park Ave Avenue, Bridgeport, CT 06604
P Ex. 6 - Personal Privacy (PP) **F** 203 367 1246
E mvalentin@cccymca.org **W** cccymca.org

The Y: We're for youth development, healthy living and social responsibility.

Stamford, April 10, 2023

To Whom It May Concern:

Please be advised that we are working with the developers of the Bridgeport Thermal Loop to explore the potential use of thermal hot water to heat our facilities at the Franklin & Eleanor Apartments at 695 Park Ave. Bridgeport.

The reduction of greenhouse gas emissions in Bridgeport is a worthy goal which we strongly endorse.

We look forward to working with NuPower Thermal, LLC & BEDCO to confirm mechanical arrangements and overall benefits.
Thank you for your consideration.

Yours truly,



Gema Fernandez-Calvillo
Development Specialist
New Neighborhoods Inc.

APPROVED STORAGE AND WASTE HAULING II, INC.

Ex. 6 Personal Privacy (PP)

April 11, 2023

To Whom It May Concern:

Please be advised that we are collaborating with the developers of the Bridgeport Thermal Loop to utilize thermal hot water to pre-heat our steam system

We are committed to supporting the project and thereby reducing our carbon footprint.

We look forward to working with NuPower Thermal, LLC & BEDCO to finalize the project. We feel this project will have a positive impact on the city.

Thank you for your consideration.

Yours truly,

Charles Dippolito Jr.
Vice President

110 Edison Avenue • Mount Vernon, NY 10550 • Ex. 6 - Personal Privacy (PP) • Fax (914) 664-4777 • approvedmedwaste.com

CT GENERAL ASSEMBLY FEBRUARY 16, 2017

Testimony in Support of

H.B. 6304 - AN ACT ESTABLISHING A PILOT PROOGRAM FOR A DISTRICT HEATING NETWORK and HB 6312 - AN ACT CONCERNING DISTRICT HEATING SYSTEM INCENTIVE PAYMENTS On Behalf of Bridgeport South End Neighborhood Revitalization Zone, (NRZ)

Chairwoman Reed & Chairmen Winfield, Formica and members of the Energy Committee:

The Bridgeport South End Neighborhood Revitalization Zone supports efforts to reinvigorate the south end of Bridgeport. The proposed District Energy project could be very beneficial to the South End. The project is projected to decrease heating costs for its customers while significantly reducing use of carbon fuels. This results in a significant cut in greenhouse gas emissions.

HB 6304 will strongly support these efforts by establishing a pilot program consisting of a small combined heat and power plant between downtown and the south end. This CHP plant will help reduce overall project costs, which directly benefits the customers.

HB 6312 clarifies the District Heating grant methodology used in the Conservation and Load Management Plan to be consistent with the intent of the General Statute. In this way, the full District Heating grant amount will be correctly calculated and made available for this exciting technology.

District Energy systems have benefited the urban vitality, health and appeal of a number of cities including, St. Paul, Nashville and Seattle. The District Heating project will also generate significant economic development, projected at $50 million along with the creation of construction and full time jobs.

We encourage the Committee to support this opportunity for Bridgeport.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Ms. First Name: Rita Middle Name:
Last Name: Lara Suffix: M.Ed.

Title: Executive Director

Complete Address:

Street1: Maverick Landing Community Services
Street2: 31 Liverpool Street
City: Boston State: MA: Massachusetts
Zip / Postal Code: 02128 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: Rita@mlcsboston.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: Ms. First Name: Rita Middle Name:
Last Name: Lara Suffix: M.Ed.

Title: Executive Director

Complete Address:

Street1: Maverick Landing Community Services Inc.
Street2: 31 Liverpool Street
City: Boston State: MA: Massachusetts
Zip / Postal Code: 02128 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: Rita@mlcsboston.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: First Name: Middle Name:
Last Name: Suffix:

Title:

Complete Address:

Street1:
Street2:
City: State:
Zip / Postal Code: Country:

Phone Number: **Fax Number:**

E-mail Address:

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: First Name: Middle Name:

Last Name: Suffix:

Title:

Complete Address:

Street1:

Street2:

City: State:

Zip / Postal Code: Country:

Phone Number: **Fax Number:**

E-mail Address:

EPA Form 5700-54 (Rev 4-02)

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: The Climate Initiative

Address: P O BOX 7004 57 GRAVELLY BROOK RD

City: Cape Porpoise

State: ME: Maine Zip Code: 04014

B. Unique Entity Identifier (UEI): RDHGRK58Q814

C. Applicant/Recipient Point of Contact

Name: Amanda Robinson

Phone: Ex. 6 Personal Privacy (PP)

Email: amanda@theclimateinitiative.org

Title: Principal Gifts Officer

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☐ Yes ☒ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Amanda Robinson	Executive Director	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

Letter of Support

To Whom It Concerns:

We have participated in the Windham Food Network's Gleaning Program for 2 years running. It is very well-run and easy to be a part of, and I imagine it's a great resource for the organizations receiving the fresh food that is gleaned. There is always excess food on a farm, no matter the size, that is headed for the compost pile or just left in the field. We are so glad to see the food we don't have a market for going to good use in our community. We are thrilled that the highest quality food can reach the homes of socially disadvantaged people who otherwise wouldn't have access to it.

The Gleaning team has been responsive and respectful when working on our farm. They are hard-working and well-coordinated. With a continued funding source they will continue to do high-quality impactful work in the Eastern CT food shed. I highly recommend that they receive funding to continue their good work.

Sincerely,

Charlotte Ross

Owner/Farmer at Sweet Acre Farm

28 Taylor Bridge Road

Lebanon CT 06249



Willow Valley Farm
26 Moose Meadow Road
Willington, CT 07279
Ex. 6 Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)

To Whom It Concerns:

As a small, diversified vegetable farmer, I am keenly aware of any waste produced on our farm. We try our best to find appropriate outlets for extra produce, and the Windham Community Food Network's gleaning program has helped us tremendously to make use of extra produce while it is still fresh. We have been participating in this program for several years – having someone come to our farm to pick up and/or harvest extra vegetables has made it possible for products to find good homes instead of ending up in our compost pile. Our busy schedules don't allow the time to do this work ourselves while still being productive and profitable.

This program helps meet our needs, as farmers, while providing much healthier options to local families and pantries in need. Most local food distributions are unable to provide/distribute fresh food due to refrigeration and facilitation constraints. The gleaning program makes it possible for more families to eat healthy without the cost and transportation barriers that they may be used to.

Thank you for considering our proposal!

Sincerely,

Jackie Kulig

Jacqueline Kulig

Farmer/Owner, Willow Valley Farm

UCONN
UNIVERSITY OF CONNECTICUT
DIVISION OF STUDENT AFFAIRS
Department of Dining Services

To:
From: Jessica Larkin-Wells
Re: Food System Capacity Building Grant Letter of Support
Date:

Dear ____,

I would like to offer Spring Valley Student Farm's support for the Windham Community Food Network's Food System Capacity Building Grant proposal to expand their gleaning and processing programs. Spring Valley Student Farm (SVSF) is UConn's small vegetable farm, where 11 undergraduate students live and work to grow produce for UConn's Dining Services. SVSF student farmers engage with the local community to learn, grow, and support. We are lucky to be neighbors and partners with the Windham Community Food Network, a fantastic organization that sets the example for community-centered food systems change.

We are a strong supporter of the Windham Community Food Network's gleaning program, and we are committed to working with the WCFN throughout program expansion. Last summer, we harvested 1,000lbs of produce before the drought set in, and we are excited to resume gleaning next spring. We will continue to support the project through volunteer gleaning work from SVSF-affiliated UConn students. We also intend to expand the gleaning program on our end by developing gleaning curricula and internship opportunities for student volunteers through the SVSF Gleaning Corps.

The WCFN has demonstrated their commitment to food system resiliency in the greater Windham area and deserve more resources to grow this program. Again, we at SVSF feel honored to participate in the wonderful work being done by the WCFN in our part of the state.

Sincerely,

Jessica Larkin-Wells, Farm Manager
Ex. 6 - Personal Privacy (PP) Ex. 6 - Personal Privacy (PP)

ED_016126_00000075-00003



Brown Farm
PO BOX 169
Ex. 6 Personal Privacy (PP)
Scotland CT 06264
Ex. 6 - Personal Privacy (PP)

To Whom It Concerns:

I am the co-owner and farmer of Brown Farm in Scotland CT. We are a small diversified farm and have been part of the Windham Community Food Network's gleaning program for several years. This program has helped us with our excess produce by coordinating produce pick-ups and even helping with harvesting. The gleaning program then distributes the produce from our farm (and others like us!) to families in need in our community.

The positive impact this program has on both the farmers and the families is huge. During the season farmers do not have the bandwidth to seek additional sales channels for excess produce, so most of the time it goes to waste. WCFN consistently and efficiently picks up our extra produce and gives me peace of mind knowing that it's going to families in need. The families that receive the produce are grateful to have access to fresh, local, nutrient packed fruits and vegetables to offset their food bill.

I look forward to continuing to be a part of the Windham Community Food Network's gleaning program for years to come – food, and all of the labor to grow it, cannot be wasted when there are hungry families to feed and in need.

Sincerely,

Jenna Aldrich

Farmer / Co-Owner Brown Farm

Letter of Support

3/31/2023

To Whom It Concerns:

I am the owner/farmer of Cobblestone Farm, a mixed vegetable operation in Mansfield Center. Cobblestone Farm has been working with the Windham Community Food Network (WCFN) since 2019 to connect area residents with high quality local produce. Through the WCFN's gleaning efforts, Cobblestone Farm has directed 100's of heads of lettuce, nearly 1000 lbs of tomatoes, and other vegetables to community soup kitchens and food insecure families. Just this week, volunteers from our local high school will work with WCFN to harvest and wash 500 lbs of turnips that will be distributed throughout the winter. Without WCFN, all these vegetables would have gone to waste. And with the grants WCFN has secured in the past, farmers are compensated for participating in the gleaning projects, which is very valuable as it does take extra time to coordinate gleanings.

WCFN is well-poised to continue and grow their gleaning efforts. They have a clear track record of success, have been excellent partners to work with, and are responsive to community needs. WCFN has a strong connection with our local community kitchen (CLiCK), our local food co-op, and other community partners that will help them see their project to fruition. The idea of processing gleaned produce into value-added products that will support WCFN's fundraising efforts is an excellent way to capitalize on some of the less popular produce. The Windham region is very responsive to community support projects, and I'm sure WCFN will be successful in selling any value-added products they produce.

On behalf of Cobblestone Farm, I enthusiastically look forward to continued work with WCFN in their gleaning efforts.

Sincerely,

Diane Dorfer

Owner-farmer

Cobblestone Farm

Ex. 6 Personal Privacy (PP)

Mansfield Center, CT 06250

Ex. 6 - Personal Privacy (PP)

Ex. 6 - Personal Privacy (PP)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Maverick Landing Community Services Inc.

* b. Employer/Taxpayer Identification Number (EIN/TIN): 20-5911734

* c. UEI: J2PMH8K9F1X7

d. Address:

* Street1: 31 Liverpool Street
Street2:
* City: Boston
County/Parish: Suffolk
* State: MA: Massachusetts
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: Ex. 6 Personal Privacy (PP)

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Ms.
* First Name: Rita
Middle Name:
* Last Name: Lara
Suffix:

Title: Executive Director

Organizational Affiliation: Maverick Landing Community Services Inc.

* Telephone Number: Ex. 6 Personal Privacy (PP)
Fax Number:

* Email: Rita@mlcsboston.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Developing a Resiliency Hub for Vulnerable Communities in East Boston

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: 7 | * b. Program/Project: 7

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 | * b. End Date: 10/31/2026

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	16,000.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	516,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Ms. | * First Name: Rita

Middle Name:

* Last Name: Lara

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 Personal Privacy (PP) | Fax Number:

* Email: Rita@mlcsboston.org

* Signature of Authorized Representative: Rita Lara | * Date Signed: 04/14/2023

Beverly Housing Authority

137 (Rear) Bridge Street Beverly, MA 01915
Phone: Ex. 6 - Personal Privacy (PP) Fax: Ex. 6 Personal Privacy (PP)

Debra A. Roy
Executive Director

Equal Housing Opportunity

April 13, 2023

United States Environmental Protection Agency

RE: Proposal to *The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program*

To whom it may concern:

The Beverly Housing Authority is an enthusiastic supporter of Green Beverly's proposal to *The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program* for the project titled "*Equitable Clean Air and Climate Relief Pilot*". The project period is 3 years after receipt of project award.

The purpose of this project is to design and pilot a building decarbonization model within our EJ communities. This model will involve several components ranging from landlord/tenant relationships, energy efficiency and electrification upgrades, innovative heat pump technology for efficient cooling and heating, and equitable financial models designed to save everyone money. The intent of the model is to distribute the ongoing cost savings realized from heat pump technology to the tenants and the landlords in order to incentivize change. In addition to cost savings, the tenants will benefit from more efficient cooling on the hot summer days, cleaner air quality, and comfortable heat during the winter. Landlords benefit from infrastructure updates and manageable investment returns. Moreover, we all benefit from reduced greenhouse gas emissions!

The Beverly Housing Authority is the City of Beverly's largest low-income housing provider. In addition to maintaining 650 state and federal public housing units, the Beverly Housing Authority administers both the federal housing choice voucher program and the state Massachusetts rental voucher program. A program such as this will benefit both landlords and tenants financially and ultimately helping the environment as well.

As a supporter of Green Beverly's programs, the Beverly Housing Authority looks forward to assisting low-income housing providers throughout the community with information about the program to landlords participating in our voucher program in hopes that it may improve the lives our low-income voucher holders. This project will provide greater access and opportunities to develop our clean air, building decarbonization, energy bill relief, and hot day relief for both our EJ populations and their landlords. We look forward to strengthening our partnerships with the participating organizations in the region and developing collaborative project ideas and shared learning to improve our communities. I strongly encourage The United States Environmental Protection Agency to support this proposal.

Please contact me with any questions. I can be reached at Ex. 6 - Personal Privacy (PP) or by email Ex. 6 - Personal Privacy (PP)

Sincerely,

Debra A. Roy
Executive Director

stuBzlg3AA8F4H9bLWireM1LGaQ=

Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

MLCS EPA Problem Solving Application

Ms.
Rita
Lara
M.Ed.

Executive Director
Maverick Landing Community Services
31 Liverpool Street
Boston
MA: Massachusetts
02128
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
Rita@mlcsboston.org

Ms.
Rita
Lara
M.Ed.

Executive Director
Maverick Landing Community Services Inc.
31 Liverpool Street
Boston
MA: Massachusetts
02128
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
Rita@mlcsboston.org

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1235-MLCS EPA Logic model and detailed budget.pdf
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Application
New
2023-04-14
Maverick Landing Community Services Inc.
20-5911734
J2PMH8K9F1X7
31 Liverpool Street
Boston
Suffolk
MA: Massachusetts
02128-3628
USA: UNITED STATES

Ms.
Rita
Lara

Executive Director
Maverick Landing Community Services Inc.
Ex. 6 Personal Privacy (PP)
Rita@mlcsboston.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Developing a Resiliency Hub for Vulnerable Communities in East Boston
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2026-10-31
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0.00
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0.00
516000.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Ms.
Rita
Lara

Executive Director
Ex. 6 Personal Privacy (PP)
Rita@mlcsboston.org
Rita Lara
2023-04-14

1236-Required Attachments.pdf
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Maverick Landing Community Services Inc.
31 Liverpool Street
East Boston
MA: Massachusetts
02128

J2PMH8K9F1X7
Rita Lara
Ex. 6 Personal Privacy (PP)
Rita@mavericklanding.org
Executive Director
N: No
N/A
N/A
N/
a
N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Rita Lara, Executive Director
Maverick Landing Community Services Inc
Ex. 6 Personal Privacy (PP) (tel) Ex. 6 - Personal Privacy (PP)
Maverick Landing Community Services Inc. has board a grievance procedure in place to assure prompt and fair resolution of all complaints.

Rita Lara
Executive Director
2023-04-14

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2023-04-14T23:03:23.000-04:00
Rita Lara
GRANT13862072

Attachment 1 – SCTHH Budget Detail

	Description	Total
Personnel	• Executive Director: Annual Salary x 8% of time = $18,602.21 for three years • Program Manager: Annual Salary x 50% of time = $90,333.33 for three years • Program Coordinator: Annual Salary x 30% of time = $43,650.36 for three years • Grant Coordinator: Annual Salary x 8% of time = $11,904.64 for three years • Administrative Assistant: Annual Salary x 10% of time = $12,569.24 for three years Assumes a 3% cost of living adjustment in years two and three	$177,059.79
Fringe Benefits	• Executive Director: 25% of salary (includes medical, dental, life insurance)= $4,650.55 for three years • Program Manager: 25% of salary (includes medical, dental, life insurance)= $22,583.33 for three years • Program Coordinator: 25% of salary (includes medical, dental, life insurance)= $10,912.59 for three years • Grant Coordinator: 25% of salary (includes medical, dental, life insurance)= $2,976.16 for three years • Administrative Assistant: 25% of salary (includes medical, dental, life insurance)= $3,142.31 for three years The Fringe Benefits amount of 25% of salaries is a conservative estimated percentage. The actual fringe benefit rate will be charged to the project when the expense is incurred, regardless of what rate is budgeted in the proposal. It may be necessary to revise the budget during the project period to pay for actual fringe benefit costs but not to exceed the total budget amount.	$44,264.95

Travel	• Local/State travel: $166.00
	  ○ $0.46/mile x 100 miles
	  ○ Tolls $120.00 for two people
	• National travel for 1 conference/year for 2 people using ONUS federal per diem rates: $6,420.00
	  ○ Hotel @ $155.00/night x 4 nights: $1,860.00
	  ○ Flight for two people $600.00 round trip: $3,600.00
	  ○ Per diem for two people $40.00/day * 4 days: $960.00
		$6,586.00

Equipment	None	$0.00

Supplies	• Printing: $1,000.00
	  ○ Community education materials-including flipbooks, flyers, posters, etc.
	• Office Supplies: $600.00
	  ○ General supplies including paper, labels, stamps, etc.
		$2,600.00

	• Other Supplies: $1,000.00
	  ○ Materials for collaborative partnership meetings (including refreshments) $20.00/person x 15 meetings: $300.00
	  ○ Household cleaning materials: $400.00
	  ○ Other items that arise during project with prior approval from EPA: $300.00	

Contractual	Independent Evaluator-to be awarded using EPA contractual process, 15% of total award	$75,000.00
Construction	None	$0.00
Indirect Costs	Indirect Costs are calculated at a federally negotiated rate of 19.5% of total personnel plus fringe benefits FY23 Provisional rate, 22.9% of the sum of direct salaries & benefits. The FY24 19.5% rate is in review by Department of Health and Human Services.	$43,158.32

Other	• Subrecipient Partners: $120,000.00
	  ○ Maine Indoor Air Quality Council-$30,000.00 over three years
	  ○ AK Health and Social Services-$45,000.00 over three years
	  ○ YWCA of Central Maine-$45,000.00 over three years
	• Professional Development: $4,500.00
	  ○ $1,500.00/year for two people for three years. Includes National Conference registration (to be determined based upon schedule and location)
	• Translation: $600.00
	  ○ Four languages @ $0.30/word for average of 500 words
	• Marketing: $20,000.00
	  ○ Public education media campaigns, cost of production and ad space
	• Incentives: $4,500.00
	  ○ $100.00 gift card, 20 Community Health Workers to implement intervention: $2,000.00
	  ○ $25.00 gift card, 100 completed home health assessments: $2,000.00
	Other Miscellaneous: $1,730.94
	  ○ Unanticipated expenses that arise during the three years, with prior approval from EPA
		$151,330.94

		$500,000.00

Attachment 2 – EJCPS Logic Model: Stronger Communities Through Healthier Homes (SCTHH)

Resources/Inputs	Activities	Outputs and Measures	Short-term Outcomes (6-12 months)	Intermediate Outcomes (12-24 months)	Long-term Outcomes (2+ years)
Project Partnership: Healthy Androscoggin Maine Indoor Air Quality Council AK Health and Social Services & The AK Collaborative YWCA of Central Maine Evaluation Contractor Data on Community Health Needs Technical Assistance, Training, Guidance, and Funding	**Partners** Engage and inform partners Infrastructure Identify staff, hire evaluation contractor, convene partnership committee, develop plans for dissemination, sustainability, and evaluation **Fiscal Management** Finalize contracts, budget and progress reporting **Programming** Conduct Environmental Scan and Data Review Develop materials Implement best practices **Evaluation** Findings Disseminated	**Strong Community Partnerships** # of meetings completed # assessment completed **Culturally and Linguistically Appropriate Materials/Services** # of materials created # of households that receive educational materials **Trainings and Resources** # of people trained # of people access to resources **Improved Data** # success stories disseminated # of professional presentations of findings	Increase in number of residents that know about lead risks/exposures in their homes Increase in number of residents that know about indoor asthma triggers Increase in number of residents that are aware of health home activities	Increase in number of residents that test their homes for lead dust Increase in number of homes that identify indoor asthma triggers Increase number of residents that implement health home mitigation strategies	Decreased childhood lead poisoning Decreased asthma ED visits and admissions Increased access to healthy housing units

Maine Indoor Air Quality Council

P.O. Box 2438, Augusta, Maine 04338
Telephone: Ex. 6 Personal Privacy (PP)
Fax: Ex. 6 Personal Privacy (PP)
E-Mail: christy@maineindoorair.org
Web: www.maineindoorair.org

March 17, 2023

Central Maine Community Health
Attn: Corrie Brown, MSW, PS-C, Director
300 Main St.
Lewiston, ME 04240

Dear Corrie:

It is with pleasure that I submit this letter of commitment to your project to reduce the health impact of indoor toxins on communities disproportionately affected in Lewiston and Auburn, Maine.

The Maine Indoor Air Quality Council (the Council or MIAQC), is a nonprofit organization formed in 1998. Our mission is to create healthy, productive, and environmentally sustainable indoor environments through education, communications, and advocacy. In the 25 years since our formation, we have worked hard to identify indoor pollutants that impact occupant health here in Maine, and have developed common-sense solutions based on well-researched and reviewed best practice principles. Reducing the risk of exposure to things indoors that can make people sick is our number one priority.

As a project partner, we anticipate our robust body of knowledge of indoor environmental issues and strategies to reduce exposure to them will help you meet the needs of your target audience. We'll share the knowledge gained from our own EPA-funded work on managing mold and moisture problems in Maine rental properties, as well as what we've learned about landlord-tenant communications. We anticipate the work we do through your project will not only benefit Lewiston and Auburn, but will also improve our own long-term ability to implement workable solutions to meet the needs of other disadvantaged Maine communities outside of the Lewiston-Auburn area.

The Maine Indoor Air Quality Council commits to:

1) Provide at least one individual to participate in all of the planning team sessions throughout the three years of the project. Because MIAQC is a member organization with a robust membership of professionals who design, construct, operate, maintain, investigate, and remediate buildings, as well as those who approach indoor environments from the public health perspective, we can provide additional individuals as needed to participate in project sessions as we move through the project workplan and tackle specific contaminants, issues, and concerns.

2) We will actively participate in your environmental scan of existing resources, as well as identify any gaps in available resources.

3) When needed, we will provide additional guidance on or adoption/development of additional resources for identified indoor pollutants.

4) Throughout the project, we will provide ongoing technical assistance to you and your workplan partners on best practices to create and maintain healthier indoor environments.

The Maine Indoor Air Quality Council's anticipated cost for these services to help you achieve your project goals is $30,000 for the full three-years of the project.

The Council wishes you luck with your project application, and looks forward to working with you to achieve our mutual goals.

Sincerely,



Christine G. Crocker, Executive Director
/cgc

Abdikhadar Shire
Co-Executive Director
Candace Johnson
Co-Executive Director
Abshiro Noor
Deputy Director

Ak Health And Social Services

AK Health and Social Services
11 Westminster St
Lewiston, Maine 04240
T: Ex. 6 Personal Privacy (PP)
E: info.akhss@akhss.org
W: www.akhss.org

Date 3/17/2022

Central Maine Community Health/Healthy Androscoggin
Attn: Corrie Brown, Director
300 Main St.
Lewiston, ME 04240

To Whom it May Concern,

AK Health and Social Services (AKHSS) is a community-based organization that serves the immigrants, refugees, asylum seekers and BIPOC communities in Lewiston and Auburn, Maine. Abdikhadar Shire, a former refugee, and immigrant, founded the non-profit to respond to the unique challenges New Mainers face. We use needs assessments to identify community issues and then create specialized programs to help solve them.

As a committed partner in Central Maine Community Health/Healthy Androscoggin's EJCPS proposal, AKHSS intends to identify at least one staff member to participate in a maximum of 15 collaborative sessions over the next three years, participate in an environmental scan of existing resources and gaps, support the creation of educational material(s), disseminate educational materials through our programs, and participate in evaluation efforts throughout the three-year award. It is with our agreement that AKHSS will receive $45,000 over the entirety of the award to support our participation and efforts as a committed partner with Central Maine Community Health/Healthy Androscoggin.

We thank you for the opportunity to participate in the improvement of the health and wellbeing of the communities we serve.

Sincerely,

Abdikhadar Shire
Founder & Co-Executive Director
AK Health and Social Services
https://akhss.org/

eliminating racism
empowering women
ywca
Central Maine

3/17/23

Central Maine Community Health/Healthy Androscoggin
Attn: Corrie Brown, Director
300 Main St.
Lewiston, ME 04240

To Whom it May Concern,
YWCA Central Maine aims to provide programming that builds community through strengthening intercultural relationships and valuing the needs and contributions of all our members, guided by a belief in appreciation of diversity and equitable opportunity for all people in our community. We offer accessible and culturally appropriate resources for health and wellness, recreation, childcare, and advocacy.

As a committed partner in Central Maine Community Health/Healthy Androscoggin's EJCPS proposal, the YWCA intends to identify at least one staff member to participate in a maximum of 15 collaborative sessions over the next three years, participate in an environmental scan of existing resources and gaps, support the creation of educational material(s), disseminate educational materials through our programs, and participate in evaluation efforts throughout the three-year award. It is with our agreement that the YWCA will receive $45,000 over the entirety of the award to support our participation and efforts as a committed partner with Central Maine Community Health/Healthy Androscoggin.

We thank you for the opportunity to participate in the improvement of the health and wellbeing of the communities we serve.

Sincerely,

Melanie LaMore Gagnon

Chief Executive Office
YWCA Central Maine

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) Lisbon Falls, ME 04252
Ex. 6 Personal Privacy (PP)

EDUCATION

- 2008 Master of Social Work; Boston College, Graduate School of Social Work, Macro Practice
- 2000 Bachelor of Social Work, Regis College

CERTIFICATIONS

- *Certified Prevention Specialist*; Maine Prevention Board; International Certification and Reciprocation Consortium
- *Server/Seller Training* certified facilitator; Maine Bureau of Alcohol Beverages and Lottery Operations
- *Prevention Ethics* certified facilitator; Center for the Application of Prevention Technologies, Substance Abuse and Mental Health Services Administration
- *Prime for Life* certified instructor, Prevention Research Institute

SPEAKING ENGAGEMENTS

- Community Anti-Drug Coalitions of America National Forum
- National Public Health Marijuana Summit
- Co-Occurring Collaborative Services of Maine
- Maine Public Health Association
- Maine Prevention Professionals Conference
- Center for Tobacco Independence Annual Treatment and Prevention Conference

COMMUNITY ENGAGMENT

- **Member, Lewiston Area Public Health Committee, City of Lewiston, Maine**

October 2019 - Present

- **Board Member, Vice President, TriCounty Mental Health Services**

May 2019 - Present

- **Workforce Mentor, New England Prevention Technology Transfer Center**

September 2020-November 2021

- **Nominee – Substance Use Disorders Commission**

Awaiting approval by Governor of Maine

EXPERIENCE

Executive Director, March 2022 - present
Substance Use Prevention Manager, Healthy Androscoggin, Lewiston, ME
February 2016 - March 2022

Convenes collaborations with multiple stakeholder organizations and individuals to address complex health issues. Maintains positive working relationships with local agencies and other community members. Works within the direction of the Central Maine Community Health Corporation (CMCHC) Board to develop and implement a strategic plan for community health across CMH's service areas. Convenes the Lewiston Auburn Regional Community Health Committee (LARCHC) and the Healthy Androscoggin Advisory Committee (HAAC). Identifies where the CMCHC Board and LARCHC/HAAC can leverage support for state and local policy with community health impact. Educates legislative contacts on best practices for public health. Directs and oversees day-to-day operations of Healthy Androscoggin. Identifies and secures financial resources for Healthy Androscoggin including grants, sub-contracts and donations and other financial support from various entities. Oversees fiscal operations for all funding streams and reports progress to Board of Directors. Works with Managers and Grant Coordinator to submit financial reporting to funders

Adjunct Faculty, University of Maine Farmington
January 2019-June 2019
Develop course curriculum and supporting documents. Provide education and instruction that is time-sensitive, relevant, and presented in a manner that allows for various disabilities.

Community Care Team, Social Work Care Manager, Androscoggin Home Care and Hospice, Lewiston, ME
April 2012-February 2016
Federal initiative that partners with primary care physician offices to reduce inappropriate health care utilization cost, increase patient health, and connect patient with community resources to improve barriers affecting health. Provide education, support, and communication with the goal of improving the overall health of the whole person. Developed program processes, referral networks, and collaborative partnerships with local resources.

Prevention Programs Manager, AdCare Educational Institute of Maine, Augusta, ME
June 2008 – June 2012
Administration of prevention programs throughout the state. Responsibilities included supervision of staff, budget management, grant writing, resource management, strategic planning, training coordination, research and evaluation. Participated on local, state, and federal committees and boards associated with reducing substance abuse.

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) @cmhc.org Ex. 6 Personal Privacy (PP)

Education

MPA	University of Maine	Public Administration, Public Policy	2012
BS	Northeastern University	Criminal Justice, Political Science	2005

Employment

Healthy Androscoggin	Health Promotion Manager	2021-Present
Hart Consulting. Inc.	Evaluation Manager	2019-2021
Market Decisions Research	Evaluation Associate	2016-2019
Hart Consulting, Inc.	Evaluation Associate	2014-2016
MCD Public Health	State Coordinator	2011-2014
Maine Judicial Branch	Statewide Family & Juvenile Drug Court Coordinator	2007-2011
Volunteers of America	Family Treatment Drug Court Case Manager	2005-2007

Experience

Ex. 6 Personal Privacy (PP) has experience in research, project coordination, and grant management including program design, implementation, evaluation, budgeting, contracting, reporting, and multi-partner collaboration. Ex. 6 Personal Privacy (PP) specializes in policy development and analysis related to public health, health care, and social justice issues including health equity, community-clinical linkages, healthy homes, tobacco treatment, and behavioral health.

At Healthy Androscoggin she manages federal and state grants for healthy eating, physical activity, and lead poisoning prevention programs. She is involved in policy, system, and environmental change work as well as overseeing programs that empower community members to lead healthy and safe lives. In her seven years as an evaluator she connected program design and implementation with the complexities of monitoring and evaluation. Working alongside clients, Ex. 6 Personal Privacy (PP) used data collection tools, evaluation models, stakeholder input, and performance measurement to determine how well a program is delivering results and identify changes that would improve the program.

Prior to turning her focus to evaluation and research, Ex. 6 Personal Privacy (PP) spent much of her professional life as a policy and program coordinator. Ex. 6 Personal Privacy (PP) began her career as a drug court case manager in Lewiston, Maine and was promoted to be the statewide Family and Juvenile Drug Court Coordinator for the Maine Judicial Branch. Later, as the State Coordinator for the Maine Center for Disease Control and Prevention's Maine Community Transformation Grant (CTG), Ex. 6 Personal Privacy (PP) was responsible for managing all components of the statewide intra-agency policy and project objectives for a large federal grant as well as supporting statewide policy initiatives for all public health strategies. Ex. 6 Personal Privacy (PP) is skilled in working across state and local programs, agencies, and offices as well as advocacy groups to implement policy and environmental change objectives. Through her work in the public health sector as well as her time managing court-based programs, Ex. 6 Personal Privacy (PP) gained experience in focusing on disparate populations such as behavioral health, LGBTQ, youth, immigrants, and refugees.

Ex. 6 Personal Privacy (PP) has a special interest in cultural competency and implicit bias. She conducts training on how to mitigate implicit bias and has used her understanding to recommend improvements to municipal, legal, and health care organizations in Maine, and to help the Massachusetts court system address implicit bias in judicial evaluations.

Professional Affiliations

Ex. 6 Personal Privacy (PP) serves as co-chair on the Board of Directors for the Center for Wisdom's Women in Lewiston, Maine. She was a founding member and former president of the Board of Directors for the Maine Alliance for Drug Treatment Courts. She is a member of the American Public Health Association (APHA) and the Maine Public Health Association (MPHA). Ex. 6 Personal Privacy (PP) is also a notary public and professional wedding officiant.

Project Examples

Physical Activity and Nutrition

Healthy Kids, Healthy Future Technical Assistance Program
The Maine CDC, along with partner MCD Public Health, launched the Healthy Kids Healthy Future Technical Assistance Program initiative to increase statewide capacity to implement evidence-based programming that promotes healthy choices for eating and activity in early care and education (ECE) sites in Maine. The evaluation included focus groups with ECE providers, as well as interviews with ECE technical assistance providers from Maine Roads to Quality and Let's Go! Obesity Prevention Program. Ex. 6 Personal Privacy (PP) conducted quantitative and qualitative evaluation project components, such as a pilot of the online Go NAPSACC platform in Maine, performance monitoring for ECE providers using the online tool, and the implementation and evaluation of an ECE Learning Collaborative. As lead evaluator for this project Ex. 6 Personal Privacy (PP) developed evaluation questions, gathered input, analyzed data, and reflected on annual findings for use in program improvement.

Farm to Early Care and Education in Maine
As part of her work with the Physical Activity and Nutrition in Early Care in Education (PAN in ECE) State Advisory Group, Ex. 6 Personal Privacy (PP) facilitated the strategic planning process for Maine's Farm to ECE workgroup which aims to promote ECE initiatives that connect young children with healthy, locally-grown foods, and support farmers in their communities. Partners from SNAP-Ed, Let's Go!, Maine Farm to School Network, Maine Department of Education , Maine CACFP Program, Good Shepherd Food Bank, Maine Roads to Quality, and Maine Cooperative Extension were guided through a process to identify the group's mission, purpose, goals, objectives, and strategies for establishing Farm to ECE work in Maine. Ex. 6 Personal Privacy (PP) facilitated planning meetings, developed a logic model, and wrote a strategic workplan to guide the work moving forward and also to apply for grant funding and leverage existing resources to support Farm to ECE in Maine.

Healthy Homes

EPA Environmental Justice Collaborative Problem-Solving Grant
This Environmental Protection Agency grant addressed the ongoing need for safe and healthy housing in the downtown Lewiston area for underserved communities that reside in rental unit housing. The project team led a strategic planning process to bring together diverse partners and stakeholders in order to find innovative strategies for improving housing and preventing childhood lead poisoning. Ex. 6 Personal Privacy (PP) conducted the evaluation of this project and monitored all outcomes for grant reporting.

Healthy Homes Ambassador Project
Environmental Protection Agency grant funds were used to expand workshop offerings to include important home health hazards and to create curricula that are culturally appropriate for diversifying immigrant and refugee populations. The Healthy Homes model uses diverse community members who are trained as Ambassadors to provide home-based public health education to their neighbors. Ex. 6 Personal Privacy (PP) created a performance monitoring and evaluation plan that included survey tool development and documented behavior change.

Access to Culturally Competent Care

Colon Health Rx
This two-year Maine Cancer Foundation grant addressed the incidence of colorectal cancer in Lewiston/Auburn by expanding education and screening for colorectal cancer in adult African immigrants and refugees. Working with a local Federally Qualified Health Center, Colon Health Rx connected patients to a culturally appropriate workshop on general colon health and colorectal cancer. Ex. 6 Personal Privacy (PP) led the evaluation component of this project and provided project management and data analysis.

Rural Health Transformation Initiative
Central Maine Healthcare's Rural Health Transformation Initiative, funded by Maine Health Access Foundation, served individuals living at high risk for chronic disease in Maine's rural western counties. The objective was to expand upon United Ambulance's successful Community Paramedicine Home Visit Program by adding collaborative partnerships with integrative care at outpatient levels to keep patients at home and out of the emergency department. Ex. 6 Personal Privacy (PP) was the lead for this project which included research, interviewing partners on qualitative and quantitative results, patient cost analysis, and presentations on project learnings.

Racial and Ethnic Approaches to Community Health (REACH)
This federally funded project from the U.S. Centers for Disease Control focused on helping health care agencies in central Maine increase their cultural competency to improve health care access for African immigrant and refugee populations. For this project, Ex. 6 Personal Privacy (PP) adapted national organizational assessment tools on Culturally and Linguistically Appropriate Services (CLAS) Standards for use in a structured quality improvement process with eight partner health and wellness agencies, including a local Federally Qualified Health Center and multiple hospital systems. Ex. 6 Personal Privacy (PP) served as both the program coordinator and the lead evaluator of the project.

Substance Use Prevention and Tobacco Use and Exposure Prevention

Tobacco 21 Law: Preventing Youth Smoking through Community Education
The Tobacco 21 project created a multi-platform, evidence-based, and engaging media campaign with two target audiences; teens and adults. Campaign materials were developed to target adults and teens living in the community to increase awareness and knowledge of the Tobacco 21 law and to prevent youth tobacco initiation. Ex. 6 Personal Privacy (PP) analyzed media metrics to determine the most effective ways of advertising, consulted on overall project planning, conducted focus groups, and provided a final report of all findings.

Cannabis Use Among Pregnant and Breastfeeding Women
This innovation project focused on assessing knowledge, attitudes, and beliefs relating to cannabis use among pregnant and/or breastfeeding women, and looked at the capacity for screening and treatment among health and social service providers. As part of this project Ex. 6 Personal Privacy (PP) helped design data collection tools, analysis results, created presentations and reports, and provided recommendations to partners for future planning and implementation.

Chronic Disease Prevention and Management

Maine CDC Diabetes Prevention and Control Program
Ex. 6 Personal Privacy (PP) conducted employer and insurer focus groups and interviews to develop an implementation model by which the Maine CDC's National Diabetes Prevention Program and Diabetes Self-Management and Education Support Program can be promoted and expanded in the employer community. Those learnings were then used to facilitate a strategic planning process with the Diabetes Action Alliance of Maine and to draft pilot opportunities between the Maine CDC Diabetes team, local chambers, and Maine based employers.

Healthy Maine Works (HMW) Advisory Committee Strategic Plan Development
The Maine CDC enlisted the team at Hart Consulting, Inc. to document the history and lessons learned from worksite wellness efforts supported by the agency over the past 15 years. The research conducted was then used to inform a strategic planning process for the workgroup. Ex. 6 Personal Privacy (PP) worked with the HMW team to identify goals of initiative and to develop and prioritize SMART objectives and action steps to support HMW in efforts to improve worksite wellness with businesses throughout Maine.

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)
Wales, ME 04280
(she/her)

PROFILE

Passionate and hardworking. Able to utilize critical thinking skills necessary to make decisions. Shows natural leadership ability when presented with new ideas. Demonstrates commitment to helping others in an effective and efficient manner. Works well with others to achieve goals. Determined to create change, help community members, and inspire others. Promotes equity, diversity, and inclusion.

EXPERIENCE

Health Promotion Coordinator (Lead Poisoning Prevention Coordinator), Lewiston, ME – 2022 to present

- Creates marketing materials for both landlords/homeowners and residents
- Continuously connects with local partners to distribute materials each quarter
- Completes resident education in multiunit and single-family homes to raise awareness of lead poisoning especially in children
- Creates innovative ways to connect with community through events, social media marketing, and schools to inform and teach about lead poisoning prevention

Quality Assurance Analyst / Medical Billing Specialist 2, Change Healthcare, Lewiston, ME — 2013-2016 & 2017–2018

- Meet deadlines that align with offshore accounts
- Effectively reach out to other team members / managers for clarification on errors
- Work with other members of team to create pathways for training purposes
- Help patients with correction of bills, updates to insurance, etc.
- Effectively train new team members on billing platforms
- Audited employees process for completing tasks

TD Bank Call Center, Auburn, ME — 2009–2017

- Answered customer phone calls

- Helped answering any questions customers had
- Effectively and efficiently get them the answer they needed

EDUCATION

Thomas College - N/A, 2009-2010
University of Maine Augusta - N/A, 2012-2014
Central Maine Community College - Associates Degree, Business Administration, 2020
Southern New Hampshire University - Bachelor's Degree, Marketing – Digital Analytics, Anticipated Graduation Date, April 2023

SKILLS

Board Member for RCAM (Rural Community Action Ministry) with specialization in fund development/fundraising as of 2022

2022 Graduate of EMERGE Maine (Recruits, trains, and supports women leaders to run for all levels of government)

American Legion Auxiliary Member since 2019 (helps with fundraising and marketing)

2023 Winner of 20 Most Outstanding Women Award from Coast 93.1 and Hannaford

Has created multiple websites for small businesses at discounted rates to help promote their business

Ability to fundraise and inspire others

-Able to raise over $1000 in three days by our community for donuts and coffee for teachers' gifts card for bus drivers, and a chemo car package for a inactive bus driver)

Has put on fundraisers in the past

-Held fundraiser to raise money and items for Safe Voices in 2019 at Bear Bones Beer in Lewiston

-Put on 1st Annual Community Resource Fair in April 2022 and organizing 2nd Annual Fair in Sabattus to raise awareness of resources available to rural communities

- Implemented Community Cares Backpack Program for RSU4 July 2022 for children that deal with food insecurity

Ex. 6 Personal Privacy (PP)
P.O. Box 47611 Jacksonville, FL 32247
Ex. 6 Personal Privacy (PP)

SUMMARY

20+ years of experience in coordination, planning, and support of executive-level staff.

KEY SKILLS

Computer Skills

- Database: Microsoft SQL Server and Microsoft Access
- Graphics: Adobe Photoshop CS 5.1, Adobe Illustrator CS5.1, Adobe InDesign CS5.5, Wordpress, Mac iMovie
- Business: Microsoft 365, Attendance Enterprise, QuickBooks Non-Profit, Adobe X Pro, iCare, Kronos, Workday
- Platforms: Microsoft Windows 10, Mac OS Monterey

Languages

- American Sign Language & Spanish

EXPERIENCE

Grant Coordinator **2009-Present**

Central Maine Community Health (CMCH) /Healthy Androscoggin (HA)

- Provide administration of HA Contracts and MOUs between the hospital department (CMCH), community, State, and Federal agencies totaling up to $900,000.
- Transformed a previously manual process relating to Federal & State financial reports into an efficient computerized system. Management personnel time was realigned. The 3 week quarterly & annual reporting research was reduced to 1 day.
- Processing checks/invoices, contact management, Access database creation, researching funding opportunities.
- 13 years of Coordinating The Dempsey Challenge-Health & Wellness Expo. Raising $1 million for The Patrick Dempsey Center for Cancer Hope & Healing.
- Co-wrote & Designed Mental Health & Worksite Wellness materials i.e. Implementation Guide, Resource Brochure, PowerPoint and Resource Flyer to be distributed state-wide.
- Filmed and edited movies for Androscoggin Chamber of Commerce / HA Worksite Wellness annual award breakfast.

Office Manager / Notary **2007- 2009**

McDaniel Contractors, Inc. / Architectural Accents & Antiques

- Provided payroll, bookkeeping, personnel, inventory, and job scheduling management.
- Prepared comprehensive financial reports and proposals for senior management review.
- Managed sale and acquisition transactions of auction houses of Christie's, Sotheby's and Scott's.

Systems Administrator **2000-2007**

Mac Papers Envelope Converters

- Reduced company expenses by $10,000 by designing database to calculate cost of product using Microsoft Access.
- Compiled and analyzed data from monthly reports to prepare directors' financial presentations to executive management using Microsoft Access.
- Significantly reduced time required to prepare and distribute monthly financial reports by designing and testing of electronic reporting procedures using Microsoft Access.
- Designed presentations for General and Sales Managers for company sales meetings using PowerPoint.
- Played key role in design of inter-office product claims intranet, collaborating with Web developers to create and define essential components of site functionality.

Office Manager **1998-2000**

Lincolnland Architectural Graphics, Inc.

- Generated project estimates.
- Purchased all hardware and software, performed application upgrades, and trained staff in use of office computer resources.
- Managed accounts payable, receivable, and payroll.

EDUCATION

Florida Community College of Jacksonville - (Jacksonville, Florida) **2005-2007**
Database Technology College Courses

Central Maine Community College - (Auburn, Maine) **1996-1998**
Certificate of Business Administration

References Available Upon Request

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) **Lewiston, Maine 04240**
Home Ex. 6 Personal Privacy (PP) **or Cell** Ex. 6 Personal Privacy (PP)

Summary

- Strong communicator
- Experienced service-oriented
- Dedicated, loyal, advocate
- Consistent, dependable
- Versatile, detailed
- Team member
- Community-minded
- Organized, multi-tasker

Professional Experience

Administrative Assistant, Healthy Androscoggin, Lewiston, ME **2021-current**

- Provide administrative support on a variety of health promotion, substance misuse and tobacco prevention and worksite wellness projects
- Assist with preparations for advisory committee and board meetings including event scheduling and planning
- Performs job duties in a manner that maximizes expense control, i.e. uses supplies, equipment, and utilities in an expeditious manner
- Provide general administrative support as needed including: answering the phone, typing, data entry, filing, copying, ordering office supplies, scheduling meetings, etc., as needed.
- Processes invoices and check requests as well as receive and process all orders for health promotion materials

Patient Access Quality Reviewer & Unit Secretary, St. Mary's Regional Medical Center, Lewiston, ME **2009-2020**

- Clerical and team support for doctors and nurses within different units of the hospital
- State of Maine Notary until January 2023
- Data entry amongst State of Maine agency sites for compliances and reporting
- Superior organizational skills to maintain the unit flow
- Multiple software/database programs for all functions of the position
- Quality review of staff members work to ensure excellence
- Trained and mentored new staff

Administrative Assistant, Central Maine Orthopeadics, Auburn, ME **2007-2009**

- Uncompromising teamwork & customer service with assisting set up of pre-admission and surgical services
- Assisted department supervisor in various tasks as assigned and cross trained in other departments within the facility
- Data entry of registering patient, scheduling, canceling appointments, and entering/verifying insurance information

Call Coordinator, Keller Williams Realty, Auburn, ME**, 2005-2007**

- Office administration for 35 plus real estate agents
- Support of day-to-day functions
- Managed multiple phone lines
- Performed queries of real estate listings and set up showings
- Data entry on MLS and Top Producer for agents
- Wrote copy and designed advertising layouts for The Real Estate Book, the Lewiston Sun Journal and the Portland Press Herald
- Provided customer service to real estate clientele

Customer Service Representative, L.L.Bean, Freeport/Lewiston, ME, **2000-2003**

- Provided customer service in the flagship retail store and on the phone
- Entered customer orders into the catalog system
- Researched product information
- Multi-tasking to include managing calls, customer requests and research functions

Substitute Teacher, Gray-New Gloucester MSAD15, Gray, ME, **1998-2002**

- Long term teaching assignments for K-5 and 9-12, including Special Education and Behavioral Classrooms

Education

Saint Joseph's College, Standish, ME **2018 – current**

Healthcare Administration, BS program

Minor in Long-Term Care Administration

Midstate College, Auburn, ME **1998**

Legal Research program

Andover College, Portland, ME **1996 – 1998**

Medical Assistant program

Gray – New Gloucester High School, Gray, ME **1992 – 1996**

1.0 PROGRAM OBJECTIVES | PROJECT SUMMARY PAGE

Project Title: Nothing About Us Without Us: Scaling Non-Partisan, Community-Based Climate Action across Geographies

Project Location: Norfolk City County, Virginia; Accomack County, Virginia; Berks County, Pennsylvania; Mason County, Washington; Forrest County, Mississippi; Washington County, Mississippi; and Santa Cruz County, Arizona.

Applicant Information:

Name: The Climate Initiative
Address: Ex. 6 Personal Privacy (PP), Cape Porpoise ME 04014
Main Contact Information: Amanda Robinson, Principal Gifts Officer, amanda@theclimateinitiative.org

Brief Description of Applicant Organization

The Climate Initiative (TCI) educates, empowers, and activates youth (age 13 to 23) to local climate action through no-cost education, coalition-building, and civic engagement programs.

We believe youth are key to solving the climate challenge because they influence and foster climate concern among their parents, communities, and decision-makers. Our goal is to develop a cohesive youth voice that influences decision-makers to embrace climate solutions. TCI aims to educate, empower and activate 1 million youth to reach this goal by 2025.

Project Abstract

Our project will bring our programming to seven rural communities across five states. These states were selected through a robust analysis of the vulnerability index with an overlay of both rural locations and ones where TCI feels confident that we have the ability to make a considerable impact in the climate education space. This is further supported by data from our Mobilize platform, a digital resource that allows youth, educators and adult allies to connect based on location. This project will bring educational materials, educator retreats, leadership training for youth, and the capacity for community conversations to incorporate county-wide engagement in the climate crisis across a multitude of stakeholders and led primarily by youth and educators.

Project Type*:* Public education and training

Special Considerations: Rural Areas, Climate Change/Disaster Resiliency

Environmental Issue: Climate Education
Will you need to develop a QAPP for your project? No

B. Environmental and Public Health information of the Underserved community

The Climate Initiative (TCI) empowers youth voices for climate action. We aim to educate, empower and activate youth ages 13-23 to be climate leaders and focus on localized, tangible action.

At TCI we know that we can start a movement by engaging communities locally; and connecting with what they love and value. We believe that all voices are necessary, and we know the power of youth voices in the climate movement. TCI encourages youth to lead their communities to act locally and think globally. We know that we can solve climate change by empowering individuals to use their circles of influence to create collective action. By engaging all voices, grassroots movements can grow, influencing others, and shifting policy. In order to best engage with youth, we need a robust engagement from the communities they live in and opportunities to directly engage with educators. We offer a full suite of programming that trains educators on climate education to empower their students in classrooms as well as offer opportunities for youth to engage on specific climate action projects and leadership opportunities. Youth are key climate leaders because they often have the capacity to be agents of change less burdened by entrenched ideologies and move the hearts and minds of others in their communities.

Over the past two years we have implemented this programming in areas where we have Regional Coordinators for the youth to engage with and learn from across the United States. To access and educate as many youths as we can, we develop a very localized outreach approach geared around engaging with community leaders that are champions in climate action.

TCI plans to bring our full suite of climate education programming to seven counties across five states through this project. These localities are divided by county: Norfolk City County, Virginia; Accomack County, Virginia; Berks County, Pennsylvania; Mason County, Washington; Forrest County, Mississippi; Washington County, Mississippi; and Santa Cruz County, Arizona. These locations were selected through our analysis of the vulnerability index overlaid with an analysis of rural locations to fit the scope of the EPA request and matched with areas of growth for TCI. All regions fall within the scope of areas where we have staff managing outreach, and this project will enable us to deepen our outreach to rural areas.

The environmental and public health issues that our project seeks to address are non-partisan, science based climate education. Education is the cornerstone to change, which is critical work as we face the climate crisis. By bringing these education opportunities to rural areas, we are providing a new scope of education and leadership development that can augment under-resourced communities in a way that leads to consistent, effective strategies to address climate change.

These communities benefit from these results because they are being provided with the tools they need to be empowered to do this work. We set them up for long-term success as their needs concerning climate change continue to evolve and change. In addition, our three-year engagement with these communities is supported by a permanent online network as well as consistent access to free educational resources geared towards both youth and educators via our website. Our educational resources will always be free.

The innovativeness of our model is that we bring tested educational opportunities to communities and meet them where they are on their climate journey. Rather than going into a new area prescribing what we think the environmental issues are, we work with youth, educators and other community stakeholders to provide opportunities for education and action on what matters most to that community. That being said, we do not enter these areas uninformed and our regional coordinators to landscape analysis and community needs assessments to help guide the conversation and options for that community. This is described more in part C.

C. Organization's Historical Connection to Underserved Community | The applicant will be evaluated on the description of the strong connection between their organization and the underserved community as that term is defined in this announcement.

Norfolk City County, Virginia | TCI Regional Coordinators have conducted comprehensive landscape analyses and community needs assessments including this community. Enhanced connectivity with Virginia-based communities grows from TCI's co-founder's deep personal and familial connections within this geography. Residents (youth, educators, community members, community leaders, and organizations) have self-reported the demand and necessity for this project and will directly drive the project planning, decision-making, and execution of grant activities beyond the timeline of this grant and will be involved in the monitoring and evaluation framework ultimately applied to this project. TCI has met with great success employing the novel model of Community Conversations designed to address each community's specific local environmental and public health issues. Community Conversations, hybrid Learning Lab educational modules, Climate Action Toolkits, state-specific Policy (literacy) Toolkits, Regional Educator Retreats, National Educator Retreats, and our Youth Ambassador network are all designed to easily apply to various geographies wrestling with unique climate challenges. In just two years, Learning Labs are now used in all 50 states and 16 countries, demonstrating the efficacy of a community-based, localized approach to a global challenge.

Accomack County, Virginia | TCI Regional Coordinators have conducted comprehensive landscape analyses and community needs assessments including this community. Enhanced connectivity with Virginia-based communities grows from TCI's co-founder's deep personal and familial connections within this geography. Residents (youth, educators, community members, community leaders, and organizations) have self-reported the demand and necessity for this project and will directly drive the project planning, decision-making, and execution of grant

activities beyond the timeline of this grant and will be involved in the monitoring and evaluation framework ultimately applied to this project. TCI has met with great success employing the novel model of Community Conversations designed to address each community's specific local environmental and public health issues. Community Conversations, hybrid Learning Lab educational modules, Climate Action Toolkits, state-specific Policy (literacy) Toolkits, Regional Educator Retreats, National Educator Retreats, and our Youth Ambassador network are all designed to easily apply to various geographies wrestling with unique climate challenges. In just two years, Learning Labs are now used in all 50 states and 16 countries, demonstrating the efficacy of a community-based, localized approach to a global challenge.

Berks County, Pennsylvania | TCI Regional Coordinators have conducted comprehensive landscape analyses and community needs assessments including this community. Residents (youth, educators, community members, community leaders, and organizations) have self-reported the demand and necessity for this project and will directly drive the project planning, decision-making, and execution of grant activities beyond the timeline of this grant and will be involved in the monitoring and evaluation framework ultimately applied to this project. TCI has met with great success employing the novel model of Community Conversations designed to address each community's specific local environmental and public health issues. Community Conversations, hybrid Learning Lab educational modules, Climate Action Toolkits, state-specific Policy (literacy) Toolkits, Regional Educator Retreats, National Educator Retreats, and our Youth Ambassador network are all designed to easily apply to various geographies wrestling with unique climate challenges. In just two years, Learning Labs are now used in all 50 states and 16 countries, demonstrating the efficacy of a community-based, localized approach to a global challenge.

Mason County, Washington | TCI Regional Coordinators have conducted comprehensive landscape analyses and community needs assessments including this community. Residents (youth, educators, community members, community leaders, and organizations) have self-reported the demand and necessity for this project and will directly drive the project planning, decision-making, and execution of grant activities beyond the timeline of this grant and will be involved in the monitoring and evaluation framework ultimately applied to this project. TCI has met with great success employing the novel model of Community Conversations designed to address each community's specific local environmental and public health issues. Community Conversations, hybrid Learning Lab educational modules, Climate Action Toolkits, state-specific Policy (literacy) Toolkits, Regional Educator Retreats, National Educator Retreats, and our Youth Ambassador network are all designed to easily apply to various geographies wrestling with unique climate challenges. In just two years, Learning Labs are now used in all 50 states and 16 countries, demonstrating the efficacy of a community-based, localized approach to a global challenge.

Santa Cruz County, Arizona | TCI Regional Coordinators have conducted comprehensive landscape analyses and community needs assessments including this community. Residents (youth, educators, community members, community leaders, and organizations) have self-reported the demand and necessity for this project and will directly drive the project planning, decision-making, and execution of grant activities beyond the timeline of this grant and will be involved in the monitoring and evaluation framework ultimately applied to this project. TCI has met with great success employing the novel model of Community Conversations designed to address each community's specific local environmental and public health issues. Community Conversations, hybrid Learning Lab educational modules, Climate Action Toolkits, state-specific Policy (literacy) Toolkits, Regional Educator Retreats, National Educator Retreats, and our Youth Ambassador network are all designed to easily apply to various geographies wrestling with unique climate challenges. In just two years, Learning Labs are now used in all 50 states and 16 countries, demonstrating the efficacy of a community-based, localized approach to a global challenge.

Forest County, Mississippi | TCI Regional Coordinators have conducted comprehensive landscape analyses and community needs assessments including this community. TCI Board of Directors member (General Russel Honoré) and TCI's Southern Regional Coordinators provide enhanced connectivity with Mississippi-based communities. Residents (youth, educators, community members, community leaders, and organizations) have self-reported the demand and necessity for this project and will directly drive the project planning, decision-making, and execution of grant activities beyond the timeline of this grant and will be involved in the monitoring and evaluation framework ultimately applied to this project. TCI has met with great success employing the novel model of Community Conversations designed to address each community's specific local environmental and public health issues. Community Conversations, hybrid Learning Lab educational modules, Climate Action Toolkits, state-specific Policy (literacy) Toolkits, Regional Educator Retreats, National Educator Retreats, and our Youth Ambassador network are all designed to easily apply to various geographies wrestling with unique climate challenges. In just two years, Learning Labs are now used in all 50 states and 16 countries, demonstrating the efficacy of a community-based, localized approach to a global challenge.

Washington County, Mississippi | TCI Regional Coordinators have conducted comprehensive landscape analyses and community needs assessments including this community. TCI Board of Directors member (General Russel Honoré) and TCI's Southern Regional Coordinators provide enhanced connectivity with Mississippi-based communities. Residents (youth, educators, community members, community leaders, and organizations) have self-reported the demand and necessity for this project and will directly drive the project planning, decision-making, and execution of grant activities beyond the timeline of this grant and will be involved in the monitoring and evaluation framework ultimately applied to this project. TCI has met with great success employing the novel model of Community Conversations designed to address each

community's specific local environmental and public health issues. Community Conversations, hybrid Learning Lab educational modules, Climate Action Toolkits, state-specific Policy (literacy) Toolkits, Regional Educator Retreats, National Educator Retreats, and our Youth Ambassador network are all designed to easily apply to various geographies wrestling with unique climate challenges. In just two years, Learning Labs are now used in all 50 states and 16 countries, demonstrating the efficacy of a community-based, localized approach to a global challenge.

D. EJCPS Model

Our project focuses on the following aspects of the EJCPS model:

(1) **Issue Identification, Community Vision and Strategic Goal Setting** - prior to applying for funding we completed a portion of this element in the lens of establishing our project goals and identifying the communities we aimed to serve. This work will further be augmented once we begin the full scope of the project where we will work with youth and educators to identify the main programmatic goals each county will have.

(2) **Community Capacity-Building and Leadership Development** - the bulk of our work will be within this element as the primary goal of this project is to equip youth and educators with the tools they need to experience non-partisan, science based climate action and begin the process of teaching and working as a community to address the most pressing climate issues in their county. These issues will range from rising sea level and heat to risks of wildfires and tornadoes, as well as impacts of flooding and droughts. Our online suite of resources enable educators to incorporate critical information about these topics as well as toolkits for community and individual action opportunities.

(4) **Multi-Stakeholder Partnerships & Leveraging of Resources -** part of our programming focuses on community conversations, which are opportunities for youth to lead conversations around the climate risks in the area and for all stakeholders to come together in a place of learning and earnest discussion on paths forward. These multi-stakeholder events allow communities to see a wide cross-section of opinions, concerns and opportunities and enable them to have honest conversations on the pathways available and to create the roadmaps to further community awareness, to mitigate adverse impacts and participate in the collaborative problem solving process.

E. Project Linkages | Please describe the following: Briefly describe how the project support EPA Strategic Plan Goal 2 Object 2.1 (Promote Environmental Justice and Civil Rights at the Federal, Tribal, State and Local Levels

Our project supports the EPA Strategic Plan Goal 2 Object 2.1 (Promote Environmental Justice and Civil Rights at the Federal, Tribal, State and Local Levels through our focus of seven rural counties across five states in the United States enables us to bring this work to areas that are in need of augmented climate support to anticipate, prepare for, adapt to and recover from the impacts of climate change. Each community will have the opportunity to adapt these resources to the most pressing climate needs that they are facing, making our national resources have extremely localized impacts that will best serve these communities rather than a one-size-fits-all approach.

F. Partner and Collaborate | As we have demonstrated in our proof of concept and pilot programming in Maine, California, Louisiana, Texas, Montana, and Florida, the proposed project will initiate and strengthen partnerships with government, NGOs, businesses, and educational institutions. Rollouts of TCI programming such as that which we are proposing here have engaged diverse local stakeholders in our trademark non-partisan format, and developed solutions that have addressed issues at the intersections of environmental and public health. This project will build upon our existing acumen with strategic and diverse partnerships for responsible project implementation towards longevity and localized empowerment of existing community stakeholders. Community partners will bring connectivity, deep local/institutional knowledge of challenges and interventions, a passion for improving the health and well-being of the places and people that they represent and love, and a specific and scalable approach to addressing community issues at large - beyond the scope of this grant and beyond the issues at the intersection of environment and public health. Through our Monitoring and Evaluation framework (developed with third-party consultants, PEER Associates), combined with pre and post community assessments (by community-based respondents affiliated with and also affected by the project) and continued educational resource and training (as needed) support and relationship-building from TCI Regional Coordinators and TCI Youth Ambassadors, community partners will be ideally suited for empowerment towards amelioration.

2.0 PROJECT ACTIVITIES / MILESTONE SCHEDULE / DETAILED

A | Project Activities

Our nationwide goal is that The Climate Initiative will engage 1 million youth in solutions-oriented, equitable climate action in support of meaningfully reducing the impacts of the climate crisis. In order to do this, we have three levels of engagement that we divide our work into. They are Level 1: Awareness, Level 2: Education, and Level 3: Empowerment. These levels work as a funnel, with an organization wide goal of building wide awareness and working towards empowering youth to be climate leaders. We have several strategies towards this work, as explained below:

Level 1: Awareness | Through organic social media content geared towards youth 12-23 and social media ad contact for educators, number of email sign ups and website views, we track and develop strategies to get our resources in front of a wide variety of educators and youth. The engaging content takes climate education and opportunities to engage with fellow youth and educators into bite size media opportunities that over time, build awareness.

Level 2: Education | This level assesses the number of folks that are educated with TCI resources. Here we are tracking the number of folks using educator and youth learning labs, the number of individuals introduced to those learning labs, engagement on our digital platform Mobilize, and the number of teachers attending National Teacher retreats. This also encompasses our policy work through the number of policy toolkits.

Level 3: Empowerment | This level of activity focuses on the number of youth participating in TCI programming. This includes Community Conversations, Learning Labs, Climate Action toolkits, policy toolkits, and participation in our Collegiate Climate Policy Toolkits.

Descriptions of our core programming we will provide to each of the seven counties include:

(1) Learning Lab Educational Modules educate youth on environmental issues prevalent in their communities and activate them to create and employ projects outside of the classroom that directly address the issues that are most important to them. Our work to this effect has created access via: beach cleanups, living shoreline monitoring/setup, saving landmarks like Maine's Goat Island, invasive species monitoring and removal, field studies courses, urban heat island monitoring, and providing educators with training

on incorporating outdoor education seamlessly into their curricula. Learning Labs are being used in all 50 states;

(2) Community Conversations: We provide leadership training to youth so that they can bring together all community stakeholders for positive, productive, solutions-oriented discussions on local cherished outdoor spaces and how to preserve and improve them. Community Conversations bring equitable representation to the table. Presently, we are engaged in an 18-month program with the towns of Kennebunkport and Kennebunk on providing extensive community conversations and town surveys to assess attitudes and proposed community solutions to climate change, with a particular focus on sea level rise. We are eager to bring our lessons learned from this program to more community conversations in other towns in Maine;

(3) **Climate Action Projects:** Each Learning Lab concludes with the task of creating climate action projects. Youth receive training/guidance/support and stipends to make their action projects reality. Funding and support ensure that under-resourced youth who want to participate can do so; and

(4) **Educator Retreats:** Our educator retreats meet the educator demand for professional development in environmental science and teaching climate science inside and outside of the classroom. The retreats are low to no cost for educators and give them the tools to bring environmental concepts and apply them outside of their classrooms.

B | Milestone Schedule

Milestone	**Month of Completion**	**Activities**
Project Launch	August 2023	Project plan finalized and evaluation plan finalized
Hiring of grant program manager	September 2023	A grant program has been hired to support all grant reporting needs and to facilitate effective project management across TCI roles
Fellows hired in targeted communities	October 2023	Youth fellows - aged 18+ are hired in each of the seven counties

Baseline Assessment Data Collection	October 2023	Youth fellows and educators have completed baseline data collection
Level 1: Awareness - public/youth brand recognition and becoming aware of TCI	October 2023 - 2026	Building awareness with youth in these counties. Strategies focus on social media outreach, connecting with local nonprofits, churches, city councils and other opportunities to engage digitally and in person.
Level 2: Education - number of people educated with TCI resources	October 2023 - 2026	Providing direct educator opportunities via Learning Labs and our online toolkits and in person/virtual event opportunities such as educator retreats
Level 3: Empowerment - number of youth participating in TCI programming	October 2023 - 2026	One on one engagement with fellows, youth in the counties and other methods for engaging with youth.
Level 4: Action - high level engagement, interns and mitigation	October 2023 - 2026	Supporting youth in developing and executing leadership opportunities in the climate space.
Yearly Program Evaluation	Annually in October	Annual evaluation of program metrics
Final Evaluative Summary	November 2026	Evaluation of entire program.

3.0 ENVIRONMENTAL RESULTS - OUTPUTS, OUTCOMES AND PERFORMANCE MEASURES

Environmental Results (Logic Model) – Please find in attachments.

Performance Measurement Plan – TCI employs a robust tripartite approach to performance assessment. For this proposed project, and historical projects (details can be provided upon request), we implement weekly internal tracking, reporting, analysis, and optimization of Objectives and Key Results (included in the Logic Model/Theory of Change and referenced as Milestones in this application), Key Performance Indicators (more detailed internal tracking on different depth categories of programmatic reach), and the Monitoring and Evaluation Framework developed with third-party consultants (PEER Associates) and funded by the Gordon and Betty Moore Foundation. These instruments are enhanced by the oversight and monitoring and evaluation by an Accelerator Program Fellow provided by the Morgridge Family Foundation and an Atlas Corps fellow onboarding and (fully funded separately) to ensure objective reporting and performance assessment relative to milestones and existing organizational metrics through the project's duration.

Sustainability Plan and Community Vision - TCI and local community stakeholders will be able to use the results and momentum of this project to achieve community goals and objectives. Marketing campaigns by age range and geography that have been used in other pilot program locations will leverage the outcomes of this project; especially the model for implementation and the applicability to other local communities facing a number of challenges. The communities have a direct interest in sustaining project momentum.

4.0 Project Leadership

Our Programs team is led by Leia Lowery, the Deputy Executive Director and Head of Programs and Partnerships. She brings over 20 years of experience in education, curriculum development, and community engagement, specializing in facilitating dynamic educational experiences that create critical thinkers, life-long learners, and productive citizens. As a co-founder of the Kennebunkport Climate Initiative, the programs she helped create continue to inspire The Climate Initiative's programmatic approach and youth impact. She is a speaker and trainer at national conferences and her passion has led to innovations in local programs. Her work as an educator and community building resulted in her winning the Gulf of Maine Council Visionary Award in 2019, as well as her programs being featured in the National Land Trust Alliance magazine. The work is supported by our Assistant Director of Programs and Education Lead, as well as supplemented by our regional coordinators and fellows. In particular, we be hiring a

grants program manager for this project as well as five fellows for each of the states doing this work.

5.0 Past Performance

King Philanthropies ($6 million): TCI successfully managed and completed multiple years of reporting. TCI provided adequately and timely reporting (in person and via detailed narrative and financial reporting), meeting reporting requirements and expected outputs and outcomes and submitting exceptional final reports.

Elmina B. Sewall Foundation ($15,000): TCI successfully managed and completed reporting in a timely manner via narrative and financial reporting, meeting reporting requirements and expected outputs and outcomes and submitting an exceptional final report; a grants program to which we were invited to apply again this year.

David and Lucile Packard Foundation ($250,000): This is an active grant. TCI has thus far successfully managed the project and provided in-person reporting to existing and new officers, exceeding reporting requirements and tracking/meeting outcomes and outputs.

Gordon and Betty Moore Foundation ($212,500): This is an active grant. TCI has thus far successfully managed the project and provided reporting to program officers, exceeding reporting requirements and tracking/meeting outcomes and outputs.

Hewlett Foundation ($200,000): TCI successfully managed and completed mid-year and final reporting in a timely manner, exceeding reporting requirements and expected outputs and outcomes.

6.0 Quality Assurance Project Plan (QAPP) Information

Our project will utilize existing environmental data.

The Climate Initiative Budget Detail & Descriptions

	Description	Total
Personnel	One full time grant program manager One part time fellow per State (5 states at $20 per hour average 15 hours/week)	$50,000 x 3 = $150,000 $78,000 x 3 = $234,000
Fringe Benefits	Budgeted at 15% of personnel costs	$57,600
Travel	Travel within selected communities and site visits from The Climate Initiative Headquarters staff	$9,400
Equipment	Laptop stipend for new full time staff ($1000 per new hire) Work from home office stipend ($300 per new hire)	$1,000
Supplies		
Contractual	Monitoring and Evaluation services, provided by Peer and Associates ($5,000 per year for three years) Teacher Engagement Contracts (Approx $1500 per teacher engagement x approx 5 teachers)	$3,500 x 3 = $10,500 $7,500 x 3 = $22,500
Construction	n/a	n/a
Indirect Costs	n/a	n/a
Other	Youth and Teacher Outreach via Social Media Advertising	$5000 x 3 = $15,000

		TOTAL: $500,000

The Climate Initiative (TCI) Logic Model

v4c, 8-22-22

If by 2025 we engage 1 million youth in <u>solutions-oriented</u>, equitable climate action, then we will meaningfully reduce the impacts of the global climate crisis

*The **LONG TERM GOAL** is to empower youth voices to grow a generation of actively engaged community members, decision makers, and leaders*

What We Do

work directly with **Youth**

- Ambassador program
- Policy Toolkits
- Climate Action Toolkits
- Competitions | Youth Action Grants
- Learning Lab | Student Lab
- Stories of Change program
- Social media

support **Educators**

- Learning Lab
- Climate Educator Retreats
- Stories of Change program
- Social media | Mobilize community

engage **Communities**

- TCI Events
- Community Conversations
- Outgoing grants
- Partner with businesses, non-profits, municipal, state, tribal, territorial governments

promote **Principles**

- Be scientific
- Prioritize equity
- Be non-partisan
- Invest in networks
- Embrace urgency
- Focus locally
- Invoke curiosity, passion for knowledge
- Embrace kindness

How Youth Change

Educate

Demystify climate change via tangible solutions

- Youth understand how ***global*** climate issues affect their ***local*** community
- Youth understand the "3 lenses," i.e., the ***interconnectedness*** of ecological, socio-cultural, and economic concerns in their community

Empower

Instill in youth a sense of agency & leadership

- Youth effectively identify and ***champion*** actions and solutions
- Youth find and build ***hope***
- Youth use their ***voice*** to inspire engagement
- Youth see themselves as climate ***leaders***

Activate

Catalyze youth to engage community leaders

- Youth seek out and bring divergent, intergenerational, multicultural, &/or indigenous ***perspectives*** to climate solutions
- Youth ***engage*** multiple stakeholders throughout the action projects

Youth Action Pyramid

Greater youth agency, initiative, commitment

Greater reach, more TCI-driven

Level 5 — <u>Many</u> youth become "<u>High Level Change Agents</u>" by
- Collaborating to implement significant ***policy changes*** or major climate ***adaptation/mitigation projects***
- Holding ***leadership positions*** in groups and organizations

Examples: Representing TCI conferences, spearheading changes to policy, raising funds for or inventing climate friendly technologies, helping to create sustainability plans, etc.

Level 4 — <u>250,000</u> youth become "<u>Grassroots Change Agents</u>" by
- Choosing *education paths or careers* that intersect with climate and sustainability
- Mobilizing local leaders and organizations
- Taking initiative to *develop projects* as a TCI ambassador

Examples: presenting project ideas to local community leadership,, initiating energy conservation campaign, organizing community conversations, utilizing the TCI policy toolkits to drive policy change, etc.

Level 3 — <u>500,000</u> youth take "<u>Collective Action</u>" by
- *Volunteering* with TCI and/or partner organizations
- Participating in *Learning Labs*
- Attending *community conversations or TCI events*

Examples: writing letters/articles for news media, attending CCPI, implementing Climate Action Toolkits, webinars, etc.

Level 2 — <u>1 million</u> youth take "<u>Individual Action</u>" by
- Making climate friendly individual *lifestyle changes*
- *Interacting* with TCI social media or content resources

Examples: changing consumption habits, toolkit downloads, read/generate sharable resources, Ambassador sign-up, social media followers, email sign-ups, etc.

Level 1 — <u>25 million</u> youth made "<u>Aware of TCI mission</u>" via communications

Examples: Social media organic and paid content reach and website views.

ED_016126_00000083-00003

Dear Environmental Protection Agency Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program,

I am writing to express my full support for The Climate Initiative's (TCI) grant proposal focused on climate resiliency and adaptation, as well as facilitating the engagement of marginalized communities in Local, State, and Federal public processes. As an advisory board member of TCI and a long-standing international leader in the climate space, I have had the opportunity to witness first-hand the challenges faced by communities affected by climate change, especially those who are most vulnerable. As an atmospheric scientist, I firmly see climate action as a paramount, and understand the pivotal role that youth serve in communicating and advocating for climate action to protect the places we love.

The Climate Initiative's proposal addresses a critical need in our society today, focused on the most vulnerable communities as determined by the Center for Disease Controls' vulnerability index, prioritizing rural communities, which often are overlooked. With the increasing threats posed by climate change, it is essential that we take proactive measures to build resilience and adaptive capacity in our communities. The proposed activities, such as community conversations, teacher engagement, advisory groups, and workshops, will allow youth and diverse voices to be heard and incorporated into the decision-making processes.

I continue to be impressed by The Climate Initiative's commitment to engaging marginalized communities in these processes. These groups have historically been underrepresented in decision-making processes and have borne the brunt of the impacts of climate change. By providing a platform for communication and amplifying their voices, The Climate Initiative is helping to ensure that the solutions developed are equitable, effective, and sustainable.

I believe The Climate Initiative's proposal aligns well with the priorities and objectives of your granting agency. Their track record of success and commitment to community engagement makes them an ideal recipient of this grant. I strongly encourage you to support The Climate Initiative's proposal, as I am confident that it will have a significant positive impact on our communities and our environment.

Thank you for your consideration.

Sincerely,

Katherine Hayhoe

To whom it may concern at the Environmental Protection Agency,

I am writing to express my strong support for The Climate Initiative's grant proposal for the Environmental Protection Agency Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program. The proposal also prioritizes climate resiliency and adaptation and facilitates engagement of marginalized communities in Local, State, and Federal public processes, such as advisory groups, workshops, and rulemaking, with a specific focus on rural communities.

As a first-generation Asian-American Harvard sophomore studying economics and environmental science public policy, I have been a long-time advocate of the importance of mobilizing youth voices for climate action, ranging from stages such as COP15 and COP27 to local youth summits. My research indicates that the Climate Initiative's proposal aligns well with the priorities and objectives of your granting agency. The proposed activities will help more forward community-led conversations and action on air and other pollution monitoring, prevention, and remediation, and investments in low- and zero-emission and resilient technologies and related infrastructure and workforce development that help reduce greenhouse gas emissions and other air pollutants, climate resiliency, and adaptation, and facilitating engagement of marginalized communities in Local, State and Federal public processes, such as advisory groups, workshops, and rulemakings. The Climate Initiative promotes sustainable and equitable climate action, which is critical for the long-term well-being of our society and environment.

I am particularly impressed by The Climate Initiative's commitment to engaging youth in climate action, which is the core of TCI's operating model. This approach recognizes that the most effective solutions are those that are developed in partnership with the communities affected by these issues. By engaging communities in these processes, The Climate Initiative is empowering them to take control of their environmental health and well-being.

In addition, I appreciate The Climate Initiative's focus on engaging marginalized communities in nonpartisan Local, State, and Federal public processes. These communities have historically been underrepresented in decision-making processes and have borne a disproportionate burden of the impacts of climate change. By prioritizing their engagement, The Climate Initiative is helping to ensure that the solutions developed are equitable and effective.

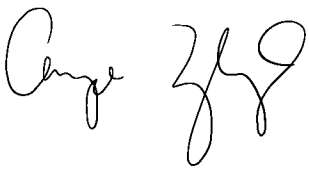
Finally, I commend The Climate Initiative for focusing on rural communities in this proposal. These communities often face unique challenges related to climate change and environmental degradation and may have limited access to resources and opportunities. By prioritizing their needs and concerns, The Climate Initiative is helping to build more resilient and sustainable rural communities.

Overall, I believe The Climate Initiative's proposal is a strong and worthy candidate for your grant funding. Their commitment to community-led solutions, equitable engagement, and rural

development makes them an ideal recipient of this grant. I strongly encourage you to support The Climate Initiative's proposal.

Sincerely,

Angela Zhong



LTG Russel L. Honoré

Ex. 6 Personal Privacy (PP)

Baton Rouge, LA 70810

April 11, 2023

Dear Environmental Protection Agency Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program,

I am writing to express my full support for The Climate Initiative's (TCI) grant proposal focused on climate resiliency and adaptation, as well as facilitating the engagement of marginalized communities in Local, State, and Federal public processes. As a board member of TCI and a long-standing international leader on the topic of resilience, I have had the opportunity to witness first-hand the challenges faced by communities affected by climate change, especially those who are most vulnerable. As a decorated 37-year army veteran, I firmly see climate action as a national security issue, and the pivotal role that youth serve in correcting the fight for climate action to protect the places we love.

The Climate Initiative's proposal addresses a critical need in our society today, focused on the most vulnerable communities as determined by the Center for Disease Controls' vulnerability index, prioritizing rural communities, which often are overlooked. With the increasing threats posed by climate change, it is essential that we take proactive measures to build resilience and adaptive capacity in our communities. The proposed activities, such as community conversations, teacher engagement, advisory groups, workshops, and rulemaking, will allow youth and diverse voices to be heard and incorporated into decision-making processes.

In particular, I am impressed by The Climate Initiative's commitment to engaging marginalized communities in these processes. These groups have historically been underrepresented in decision-making processes and have borne the brunt of the impacts of climate change. By providing a platform for their voices to be heard, The Climate Initiative is helping to ensure that the solutions developed are equitable, effective, and sustainable.

I believe The Climate Initiative's proposal aligns well with the priorities and objectives of your granting agency. Their track record of success and

commitment to community engagement makes them an ideal recipient of this grant. I strongly encourage you to support The Climate Initiative's proposal, as I am confident that it will have a significant positive impact on our communities and our environment.

Thank you for your consideration.

Respectfully,

Russel L. Honoré
LTG, USA Ret.

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Ex. 6 Personal Privacy (PP)

Director of Programs and Outreach

Innovative thought leader in education and community building, engaging all people through dynamic educational experiences to produce a passion for the environment, lifelong learning, and community action.

Career Profile

Innovative Educator using best practices to create effective new educational experiences

Community Engagement Leader connecting communities with youth to create solutions to pressing community issues such as climate change, alternative learners, and health.

Public Speaker and Trainer for educators and land trusts building their education models

Partnership Development connecting likeminded organizations to build capacity, and amplify missions and work toward common goals.

Work Experience

Director of Programs and Outreach

The Climate Initiative - November 2019-present

- Worked with major donors to establish the Kennebunkport Climate Initiative leading to over 2 million dollars in donations.
- Hired leadership team to establish business strategic plan.
- Filed for and organized initial 501c3 status and documentation.
- Created initial pilot programs including #speakclimate campaign reaching 20,000 youth through social media engagement.
- Led initial meetings to engage potential program partners and future funders.
- Hired Executive Director for the Kennebunkport Climate Initiative.
- Designed and developed core programming including curriculum materials currently in 42 states, and reaching over 18,000 students across the country
- Wrote copy for KCI (now TCI) Website
- Manage 8 remotely located staff
- Manage and maintain regional and national partnerships to scale efforts
- Designed and run 1 week national teacher retreat to train teachers in the TCI program methodology

Director of Education

Kennebunkport Conservation Trust · March 2010 - Present

- Responsible for the vision, development and promotion of programming for the Kennebunkport Conservation Trust's Trust in Education program.
- Created new partnership and a dual enrollment class with University of New England and Kennebunk High School.
- Increase program reach from ~200 students to over 1,900 per year.
- Develop curriculum consistent with the National Education Standards.
- Coordinate summer programming and fundraising activities for Trust in Education.
- Create and execute effective recruitment strategies to develop and maintain volunteer corps.
- Facilitate training seminars for teachers and land trust educators in community -based stewardship.
- Train, coach, and develop education support staff.
- Create newsletters, social media campaigns, and other communication strategies to engage community with Trust in Education.

CONTACT DETAILS

Ex. 6 Personal Privacy (PP)

Arundel, ME 04046

Ex. 6 Personal Privacy (PP)

Ex. 6 - Personal Privacy (PP)

SKILLS

Curriculum Development
Computer Skills
CRM Tools
Communication and Story Telling
Public Speaking
Teacher Training
Leadership
Teamwork and Collaboration
Critical Thinking
Problem Solving
Community Outreach

ACCOMPLISHMENTS

2019 Gulf of Maine Council Visionary Award
2018 Local Mover and Shaker Award
3 Programs featured in the National Land Trust Alliance Magazine
Speaker at multiple National Land Rally's
Speaker at State Land Conferences (ME, CT)
National Communities of Practice Steering Committee for K-12 environmental education in land trusts
Keynote Speaker Royal River Conservation Trust Gala and Award Ceremony

- Establish a strong local network, engaging and building productive relationships with regional and national leaders to promote Trust in Education's model.
- Develop key processes and communications to facilitate program development, outreach, and execution.
- Acquire and manage grant funds for specific projects.
- Establish national and international partnerships to expand hands-on, place-based education opportunities.

Independent Consultant

Virginia Agriculture in the Classroom · 2001-2003

- Reviewed and created curriculum for the new middle school Agriculture in the Classroom program which aligned with Virginia Standards of Learning.
- Provided faculty support and educator training throughout the state of Virginia.
- Assisted in development, logistics, and facilitation of week-long summer institute for Agriculture in the Classroom.

Agri-Science Teacher

Northampton County and Fauquier County, Virginia · 1996 - 2001

- Created curriculum and programming for district wide integration of agri-science curriculum for middle school.
- Maintained and operated greenhouse, aquaculture tank, computer lab, and wood shop equipment.
- Led local chapter of the FFA, supporting and coaching students to compete in local and state level FFA competitions.
- Responsible for budgeting and grants for class and FFA club.
- Expanded the agri-science program from ¼ time to a full-time at Cedar Lee Middle school in one-year.

Education

***Master of Science**, Vocational and Technical Education · 1996*
Virginia Polytechnic Institute and State University, Blacksburg, VA

***Bachelor of Arts**, Liberal Arts and Sciences: International Development, Women's Studies and Communications · 1994*
Virginia Polytechnic Institute and State University, Blacksburg, VA

Community Leadership (Current and Prior)

Kennebunk Rotary Club: 2018- present
Nature Based Education Consortium: Committee member 2020-present
GOMMEA: Board Member 2020-2022
Kennebunk High School Swim Team: Volunteer coach 2019- 2022
Arundel Conservation Trust: Founding Advisory Member 2017-2021
Staff Parish Committee Chairman and Advanced Lay Speaker: West Kennebunk United Methodist Church 2009- present
Assistant Swim Coach: Northern York County YMCA 2010-2019
RSU21 School Board of Directors: Chairman of the Strategic Plan Committee; Member of the Communications, and Policy Committee; Curriculum Committee 2010-2012

REFERENCES

Ex. 6 Personal Privacy (PP) Principal, Community Consultants

Ex. 6 Personal Privacy (PP) Lead Client Success Manager, CCC Information Services

Ex. 6 Personal Privacy (PP) Executive Director, Kennebunkport Conservation Trust

Ex. 6 Personal Privacy (PP) Professor, University of New England

Ex. 6 Personal Privacy (PP) President, Arundel Conservation Trust

Ex. 6 Personal Privacy (PP)

Ex. 6 - Personal Privacy (PP)

Professional Summary

Skilled executive with a passion for service, emergency management, humanitarian assistance, education, diversity, and leadership. Seasoned humanitarian with 24 years of experience, both at the executive and individual contributor level. Advanced skills in connecting, leading, communications, and research.

Core Values

Collaboration, teamwork, concern for others, development of others, empowerment of others, equality, diversity, ethics, integrity, family, generosity, happiness, positive attitude, compassion

Skills

- Humanitarian aid practitioner and leader
- Disaster preparedness, response, and recovery
- Great degree of experience working with cross-functional teams
- Matrix management
- Administering complex projects
- Budgeting
- Grant-making and management
- Human resource administration
- Cross-cultural expertise
- Executive communication (written and oral)
- Trained researcher (qualitative and quantitative)

Work History

The Climate Initiative, 11/2020 to Current
Executive Director – Kennebunkport, Maine

- Leading a youth national climate action on profit with more than 19 staff and a budget of $4.9million
- Supporting a high performing board of governors

International Federation of Red Cross and Red Crescent Societies, 10/2019 to 01/2021
Head of Disaster and Crisis – Panama, Panama

- Leading disaster and crisis programs and operations with the 35 countries part of the Americas and Caribbean Red Cross regional office
- Oversight of more than $75 million in grant funding, as well as programmatic implementation in the areas of natural disaster, climate change, migration, international disaster law, shelter, protection, gender, and inclusion

Airbnb, 07/2018 to 10/2019
Global Disaster Response & Relief and Special Projects – Washington, DC

- Critical role and function within the Airbnb Global Disaster Response and Relief team. The role leads special projects, manages partner relations (70+ partners), and is assigned to cross-functional internal initiatives to either represent the team, lead the effort for the team, or coordinate the effort with other internal stakeholders
- Lead in stakeholder outreach and engagement, both governments, multilateral institutions, and non-profit organizations for representation of Airbnb disaster response and relief program
- Support the found and head of Global Disaster Response and Relief with representing Airbnb at high-level forums and events as well as with special projects

- Position includes overseeing partner grants portfolio, globally, as well as creation of systematic grant making function within the unit

Volunteer, Domestic and International, 03/1994 to Current
American Red Cross – Various Locations Globally

- Various progressive leadership roles within the Red Cross starting in 1994 as a youth volunteer, including:
- Heartland Chapter Disaster Action Team Member, Supervisor, and eventually Chair of the Disaster Committee in Omaha
- CPR/First instructor
- Water Safety Instructor
- Over the course of Red Cross career, deployed to more than 50+ presidentially declared disasters in additional to disasters overseas
- Member of the international disaster roster, with annual international disaster deployments to include:
- ICRC Delegate Secondment for the Liberia Ebola Response – January 2015
- Seoul, Korea – International Tech Salon Presenter – August 2014
- Principle for Hurricane Jimena monitoring and evaluation project for the Mexican Red Cross, 2009

Vice President, International Services, 10/2016 to 07/2018
American Red Cross – Washington, DC

- Accountable for the American Red Cross international services programming in 34 countries worldwide
- Programs range from disaster risk reduction, disaster response and recovery operations, to measles and rubella programming
- Oversight of complex donor and government-based funding stream including responsibility for a department of nearly 425 staff in addition to 110 volunteers
- Budget oversight in excess of $120million annually
- Oversight of sub-granting to Red Cross, Red Crescent and other NGOs, ranging from small grants to grants in excess of $10 million
- Management of complex humanitarian operations, to include team responsible for monitoring, evaluation and learning
- Execution of international humanitarian diplomacy activities to include engagement with United Nations and senior foreign government officials
- Executive briefings with CEO and other C-suite staff

Adjunct Faculty, 03/2003 to Current
Metropolitan Community College

- Adjunct for business courses to include macro and micro-economics, personal financial planning, and management
- Continued renewal of teaching contract due to exceptional reviews due to exceptional student reviews

Adjunct Faculty, 05/2013 to Current
Southern New Hampshire University

- Instruction of undergraduate micro and macro-economist courses
- Continued re-appointment due to exceptional student reviews and effective teaching methods

Division Disaster Executive, 05/2013 to 10/2016
American Red Cross – Omaha, NE

- Accountable for the division-wide achievement of goals, supervision of the Region, support of Regional response efforts, and ensures transition to next level occurs at appropriate triggers; ensure coordination of resources, service delivery, and communication
- Responsible for general management, programs and product distribution, establishment of interagency /community programs, technical assistance, response management, program support, feeding and distribution, sheltering and individual assistance
- Developed and supported disaster volunteers who are the primary workforce; Drove the development of Disaster Leadership Volunteers in order to meet the needs of the Region, State and Division
- Led and managed the team responsible for the implementation of disaster services programs throughout the division ensuring disaster services (Prepare, Respond and Recover) in the states of ID, MT, ND, SD, MN, WI, IL, NE, IA, KS, and MO
- Ensured services are delivered in a rapid and accessible manner, meeting the urgent needs of clients
- Oversaw a complex disaster budget of more than $5 million per year, with oversight of a disaster team of more than 100 staff + more than 3,800 of volunteers.
- Oversaw administration of grants issued to NGO partners, ranging from $50k to more than $7 million
- Divisionally, served as the Red Cross thought leader and ensures interface with government entities (Federal, State, and Local), organizations, and other leadership entities in the field of emergency services, disaster policy and operations, and community resiliency
- Served during times of disaster as the operational leadership for the division for any scale of disaster; Participated in a leadership role on larger operations regionally, division and nationwide
- Represented Disaster Services to senior leaders including the American Red Cross President & CEO and to external constituents (federal and state government agencies, donors, clients, volunteers, and other non-profit organizations)

Director, Government Operations, 09/2012 to 05/2013
American Red Cross – Washington, DC

- Expanded the Red Cross role in disaster relief as a principle convener and leader of agencies and partner effectively by leading the development and promulgation of the National Mass Care Strategy (NMCS)
- Supported 12 Government Liaisons in the FEMA Regions, lead 4 Headquarters Government Liaison Officers to enhance their roles, contributions and relevance with government agencies, NGO partners and the private sector in mass care planning and response as well as 1,200 volunteer government liaisons
- Oversaw the close working relationship between American Red Cross and all levels of government; Federal, State, Territory, Tribal and local
- Red Cross subject matter expert for consultations on Stafford Act declarations
- Liaised operational aspects of the Robert T. Stafford Disaster Relief and Emergency Assistance Act, the National Response Framework (NRF), National Disaster Recovery Framework, the National Incident Management System (NIMS), the Incident Command System (ICS), and other relevant emergency management guidance documents in order to serve as co-lead of NRF ESF-6 Mass Care component
- Engaged National VOAD agencies with FEMA, display leadership in the sector by hosting forums, ensuring inclusion and supporting multi-agency projects
- Worked with mass care to create comprehensive systems for mass care
- Managed two Government Liaisons located part-time at FEMA HQ and part-time at ARC
- Developed and oversee implementation of work plans
- Managed the Government Operations Activity Lead and associated tasks and functions, with oversight of 1,200 volunteer Government Liaisons
- Supported Senior Director in serving as deputy and providing high-level representation with governmental partners and at various forums

Regional Voluntary Agency Liaison, 10/2008 to 09/2012

Federal Emergency Management Agency – Kansas City, MO

- Coordinated with federal, state, local, non-profit organization, and private sector in all phases of disaster with expertise in whole community disaster recovery as well as coordination and collaboration between the federal interagency and tribal, state, local governments, the private sector and voluntary, faith-based and community organizations in both small and large scale disasters. Provided technical assistance and guidance to governmental agencies from local, state, tribal, territorial and federal levels, voluntary agency entities (VOLAGS), and private sector
- Built and expanded the voluntary agency capabilities to support all phases of the emergency management system
- Enhanced the relationship between emergency management, voluntary organizations and private sector organizations
- Supported State Voluntary Organizations Active in Disaster (VOADs) and other VOLAGS involved with all phases of disaster management, with elaborate coordination in long-term recovery
- Served as a Subject Matter Expert (SME) on national, regional workgroups, trainings and projects for long-term recovery, donations management and whole community coordination.
- Emergency Support Function #6 Regional Interagency Steering Committee Subcommittee creator, organizer, and lead facilitator
- Branch lead for Privacy Act and Routine Uses information sharing with external stakeholders
- Liaison with 51+ member agencies of National Voluntary Organizations Active in Disaster as well as state VOADs within Region VII
- Regional lead for mass care, emergency assistance, donation, and voluntary agency coordination
- Served on the IMAT roster as a Mass Care/Emergency Assistance team members
- Achievement of national level recognition within FEMA for proficiency and contributions in national and international donations and spontaneous volunteer management, mass care and emergency assistance, catastrophic planning, interagency relations, primary course development, and web-based interactive tool building that supports disaster activity and training in the field.
- Creation of the National Response Framework (NRF) Emergency Support Function #6 (ESF-6) Subcommittee to the FEMA Region VII Regional Interagency Steering Committee (RISC), a platform for training and information sharing on ESF-6 related programs and activities between Federal and state emergency management agencies, other federal agencies supporting ESF-6 disaster activities, and voluntary and faith-based agencies and organizations relevant to emergency management planning, exercise development and disaster response and recovery activities
- Deployed to multiple major disaster operations across the country since joining FEMA in 2008 varying in size, complexity and incident type, including last spring's Joplin, Missouri tornado response.
- In 2010 detailed to USAID Headquarters in Washington, D.C to lead the International Donations Coordination Team (IDCT), a collaborative effort between FEMA and the USAID Office of Foreign Disaster Assistance (OFDA) supporting the nation's response to the tragic Haiti earthquake.

Adjunct Faculty, 01/2007 to 01/2009
Park University

- Appointed as adjunct faculty for upper-level economics & finance courses

Disaster Management Delegate, 03/2007 to 10/2008
International Federation of Red Cross And Red Crescent – Panama, Panama

- Oversight of Disaster Management and Operation in the Caribbean Region
- Budget Holder for Disaster Operations totaling more than $14 million USD
- Oversight of grant functions with Red Cross National Societies with budgets ranging from $100,000 to $8 million

- Head of Delegation for disaster responses for the following operations:
- Belize Floods – June 2008
- Suriname Floods – July 2008
- Hurricanes Gustav, Hannah and Ike – Cayman Islands, Jamaica, Bahamas, and Turks and Caicos – September 2008
- Haiti Hurricane Response – October/November 2008
- Co-Author of Hurricane Dean coordination evaluation
- Successful grant writing from USAID and ECHO totaling more than $1.5 million USD
- Application and dissemination of SPHERE Standards in both disaster Preparedness and Response phases

ESF-6 Mass Care Manager, FEMA Region VII, 11/2006 to 11/2007
American Red Cross – Kansas City, MO

- Primary Red Cross point of contact for a four-state region between the Federal Emergency Management Agency and the Red Cross
- Accountable for supervision and oversight ESF6-Mass Care Team of 50 team members
- Multiple national disaster assignments coupled with local response operation assignments
- Familiarization with FEMA standard operating procedures
- Close coordination and collaboration with FEMA individual assistance and operations staff, to include the Regional Voluntary Agency Liaison (VAL)
- Familiarization with materials and government and non-governmental partner contact information related to ESF 6 Mass Care activities for that regional area
- Major Regional planning efforts involving mass care, especially evacuation and catastrophic planning
- Coordination of Mass Care planning for New Madrid Seismic Zone as well as Hurricane Host State Evacuation planning
- Invitation to represent FEMA and the Red Cross on the Mid America Resource Council (MARC) for subject matter expertise in Mass Care planning and operations.
- Major Regional exercises involving mass care
- National Shelter System activities with FEMA and states within the Region
- Training of more than 500 new government and non-government NSS users
- Development of Pre-Scripted Mission Assignments (PSMAs) regarding mass care in coordination with major mass care NGOs and State Leads for ESF 6 Mass Care
- Development of a pool of more than 50 trained Red Cross volunteers who will be able to support activations of FEMA Response Coordination Center, Emergency Support Team-Advanced, Rapid Needs Assessment Teams and Joint Field Offices for assigned and other FEMA Regions as needed during periods of activation; includes recruitment, training, deployment, and evaluation of team members
- Daily coordination with Red Cross Service Area Directors of Preparedness and Response who provide primary supervision of day to day activities in support of Red Cross objectives as they relate to ESF 6 Mass Care activities
- Coordination with Red Cross national headquarters staff in the Federal Response Unit as needed for day to day support and daily during periods of operational response
- Experienced DR evaluator, serving on numerous post-disaster evaluation teams, of which appointed team lead several times.

Adjunct Professor, 05/2007 to 05/2008
University of Nebraska – Omaha, NE

- Recommended by graduate advisor and economics department chair to teach large section of macro and microeconomics undergraduate courses

Emergency Services Director, 08/2006 to 10/2007

American Red Cross – Omaha, NE

- Served as the chief disaster officer for the Red Cross region, with oversight of preparedness, response and recovery programs
- Oversight of $1.2 million dollar budget and more than 300 staff (paid and volunteer)
- Interface with NGO and government partners, coordinating mass care planning and service delivery

Adjunct Faculty, 01/2004 to 01/2005
Bellevue University, Business School

- Appoint as adjunct faculty for graduate and undergraduate courses in business

Researcher, 07/1998 to 08/1998
VCIOM - Russian Public Opinion Institute – Moscow

- Part of four-person undergraduate research team selected to conduct quantitative analysis of post-Soviet Republic public opinion
- Extensive use of SPSS and quantitative techniques to inform public policy research

Education

Doctor of Education, Ed.D: Higher Education Administration & Leadership, 2020
University of Nebraska - Lincoln, NE
Dissertation topic: what leadership characteristics are most effective for motivating a voluntary workforce

Certificate: National Preparedness Leadership Initiative, 2013
Harvard University - Cambridge, MA

Master of Science: Economics, 2006
University of Nebraska At Omaha - Omaha, NE

B.A: Political Science, Economics and Modern Languages, 2002
Creighton University - Omaha, NE

Accomplishments

- Golden Key International Honor Society member
- Harvard University National Preparedness Leadership Institute Meta-Leader of the Year Award, 2017
- Certified Emergency Manager™, issues from the International Association of Emergency Managers (IAEM)
- FEMA Administrators Award
- Omnicron Delta Epsilon – Economics Honor Society
- Creighton University International Relations Executive Staff
- Angela Maher Scholarship for International Study
- American Red Cross Leadership Award
- Various Merit Scholarships

Community Service

- Craft Relief Emergency Fund (CERF+), Board Member 2019 – Present
- Public Health Emergency Preparedness Professionals Association, Advisory Board, 2022 – Present
- The Elmina B. Sewall Foundation, Board Member, 2022 - Present
- Metropolitan Community College Business Administration Advisory Board Member, 2020 - Present

- Millersville State University, The Center for Disaster Research and Education (CDRE) Advisory Board – 2018 – Present
- Hernia Repair for the Underserved, Board Member, 2015 - 2019
- National VOAD Advocacy Committee Chair, 2012-2015
- Kansas Wesleyan University Emergency Management Advisory Board Member, 2010 - Present
- Creighton University - Admissions Outreach Volunteer
- Literacy Center of the Midlands, Past Board Member Omaha NE
- American Red Cross, Past Chairman of the Disaster Action Team Omaha NE Nebraska AIDS Project, Omaha NE
- D.A.R.E Role Model, Omaha NE
- Elementary Spanish Tutor, 2000
- Soup Kitchen Volunteer, Madrid Spain, 1997
- Model United Nations Delegate

Additional Information

Secret Clearance – issued by US Defense Security Service, Defense Security Clearance Office in 2007 (active)

Foreign Languages
Spanish: Functional fluency
French: Recognition

Overseas Experience
Travel, study, work, and research in over 30 countries throughout the world
- Area of Specialization: Caribbean, Central, and South America

Example of Speaking Engagements

Foreign Policy Association Great Decisions (2018) https://www.youtube.com/watch?v=W0IJG1ntv4k
Humanitarian Partners Network Week (HNPW) 2020 https://youtu.be/FDEy8-o0wus

References

Ex. 6 Personal Privacy (PP)
Harvard School of Public Health, Division of Policy Translation and Leadership Development
Cambridge, Massachusetts 02138
Phone: Ex. 6 - Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)
Associate Professor
Workforce and Human Resource Development
Department of Educational Administration
College of Education and Human Sciences
Phone: Ex. 6 - Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)
Associate Professor - Department of Black Studies
Associate Director-Women's and Gender Studies
Graduate Studies Faculty
University of Nebraska at Omaha
Phone: Ex. 6 - Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)

Department of the Treasury
Internal Revenue Service
Tax Exempt and Government Entities
P.O. Box 2508
Cincinnati, OH 45201

KENNEBUNKPORT CLIMATE INITIATIVE
P O BOX 7004 57 GRAVELLY BROOK RD
CAPE PORPIOSE, ME 04014

Date:
12/14/2020
Employer ID number:
84-4244790
Person to contact:
Name: Timothy Mosley
ID number: 31889
Telephone: Ex. 6 Personal Privacy (PP)
Accounting period ending:
December 31
Public charity status:
170(b)(1)(A)(vi)
Form 990 / 990-EZ / 990-N required:
Yes
Effective date of exemption:
January 16, 2020
Contribution deductibility:
Yes
Addendum applies:
No
DLN:
26053644011600

Dear Applicant:

We're pleased to tell you we determined you're exempt from federal income tax under Internal Revenue Code (IRC) Section 501(c)(3). Donors can deduct contributions they make to you under IRC Section 170. You're also qualified to receive tax deductible bequests, devises, transfers or gifts under Section 2055, 2106, or 2522. This letter could help resolve questions on your exempt status. Please keep it for your records.

Organizations exempt under IRC Section 501(c)(3) are further classified as either public charities or private foundations. We determined you're a public charity under the IRC Section listed at the top of this letter.

If we indicated at the top of this letter that you're required to file Form 990/990-EZ/990-N, our records show you're required to file an annual information return (Form 990 or Form 990-EZ) or electronic notice (Form 990-N, the e-Postcard). If you don't file a required return or notice for three consecutive years, your exempt status will be automatically revoked.

If we indicated at the top of this letter that an addendum applies, the enclosed addendum is an integral part of this letter.

For important information about your responsibilities as a tax-exempt organization, go to www.irs.gov/charities. Enter "4221-PC" in the search bar to view Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, which describes your recordkeeping, reporting, and disclosure requirements.

Sincerely,

Stephen A. Martin
Director, Exempt Organizations
Rulings and Agreements

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Next Leadership Development Corporation (NLDC)

Address: 120 Brookside Ave, Suite C2

City: Boston

State: MA: Massachusetts Zip Code: 02130

B. Unique Entity Identifier (UEI): HK4QR17CRVM8

C. Applicant/Recipient Point of Contact

Name: Dr. Atyia Martin

Phone: Ex. 6 - Personal Privacy (PP)

Email: atyia@nextleads.org

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

n/a

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

n/a

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

n/a

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

n/a

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

n/a

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Sarah D Fender	Grant Writer	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

Department of the Treasury
Internal Revenue Service
Tax Exempt and Government Entities
P.O. Box 2508
Cincinnati, OH 45201

GREEN BEVERLY 107Q INC
C/O DEAN BERG
45 NEPTUNE ST
BEVERLY, MA 01915

Date:
11/12/2021
Employer ID number:
87-1173877
Person to contact:
Name: Customer Service
ID number: 31954
Telephone: Ex. 6 - Personal Privacy (PP)
Accounting period ending:
June 30
Public charity status:
170(b)(1)(A)(vi)
Form 990 / 990-EZ / 990-N required:
Yes
Effective date of exemption:
June 1, 2021
Contribution deductibility:
Yes
Addendum applies:
No
DLN:
26053587004571

Dear Applicant:

We're pleased to tell you we determined you're exempt from federal income tax under Internal Revenue Code (IRC) Section 501(c)(3). Donors can deduct contributions they make to you under IRC Section 170. You're also qualified to receive tax deductible bequests, devises, transfers or gifts under Section 2055, 2106, or 2522. This letter could help resolve questions on your exempt status. Please keep it for your records.

Organizations exempt under IRC Section 501(c)(3) are further classified as either public charities or private foundations. We determined you're a public charity under the IRC Section listed at the top of this letter.

If we indicated at the top of this letter that you're required to file Form 990/990-EZ/990-N, our records show you're required to file an annual information return (Form 990 or Form 990-EZ) or electronic notice (Form 990-N, the e-Postcard). If you don't file a required return or notice for three consecutive years, your exempt status will be automatically revoked.

If we indicated at the top of this letter that an addendum applies, the enclosed addendum is an integral part of this letter.

For important information about your responsibilities as a tax-exempt organization, go to www.irs.gov/charities. Enter "4221-PC" in the search bar to view Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, which describes your recordkeeping, reporting, and disclosure requirements.

Sincerely,

Stephen A. Martin
Director, Exempt Organizations
Rulings and Agreements

Letter 947 (Rev. 2-2020)
Catalog Number 35152P

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier: MA

8. APPLICANT INFORMATION:

* a. Legal Name: Next Leadership Development Corporation (NLDC)

* b. Employer/Taxpayer Identification Number (EIN/TIN): 82-0805418

* c. UEI: HK4QR17CRVM8

d. Address:

* Street1: Ex. 6 Personal Privacy (PP)

Street2:

* City: Boston

County/Parish: MA

* State: MA: Massachusetts

Province:

* Country: Ex. 6 Personal Privacy (PP)

* Zip / Postal Code:

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Dr.

* First Name: Atyia

Middle Name:

* Last Name: Martin

Suffix:

Title: Executive Director

Organizational Affiliation: Next Leadership Development Corporation (NLDC)

* Telephone Number: Ex. 6 - Personal Privacy (PP)

Fax Number:

* Email: atyia@nextleads.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Black Resilience Hub Planning & Implementation

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: MA-008 * b. Program/Project: MA-008

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 * b. End Date: 10/31/2026

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	500,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Ms. * First Name: Sarah

Middle Name: Dianne

* Last Name: Fender

Suffix:

* Title: Grant Writer

* Telephone Number: Ex. 6 - Personal Privacy (PP) Fax Number:

* Email: sarah@nextleads.org

* Signature of Authorized Representative: Sarah D Fender * Date Signed: 04/14/2023

vl/BCLc5iX/pbJNyyzfAOn1qv4I=

Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Black Resilience Hub Planning & Implementation

Next Leadership Development Corporation (NLDC)
120 Brookside Ave, Suite C2
Boston
MA: Massachusetts
02130

HK4QR17CRVM8
Dr. Atyia Martin
EX. 6 - Personal Privacy (PP)
atyia@nextleads.org
Executive Director
N: No
n/a
n/a
n/a
N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
n/a
n/a
Sarah D Fender
Grant Writer
2023-04-14

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application/pdf
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1235-Next Leadership Development Corp. Letter of Support.pdf
application/pdf
brG8nLOkpPNSz4zRipxVaOQUX70=

1236-Next Leadership Letter of Support_OPHP.pdf
application/pdf
eqPdZuB7zarL8ld1GPlClGUSClo=

1237-NLD-BRN LOS 2023.pdf
application/pdf
3Qn9qe1MgoLueQSFqNSTOx9RwVc=

1238-Resilience Hubs Project Planning Logic Model.pdf
application/pdf
X9/0fTL6blDyfOSEFYGtZxKQvk0=

1239-EJ Collaborative Agreement Budget Details.pdf
application/pdf
6V8a8/oOeq3ubqCoipMdnRUuKGk=

1240-Letter of Support_ The Resilience Hub Project.pdf
application/pdf
UAijYl98ckHaSR2yjzpoyTjUnNY=

1241-[Atyia] All Aces Resume_CV 1-Pager.pdf
application/pdf
lGYZdK/QT29VJGzzKQo+7VNLvgI=

1242-Environmental Justice Collaborative Agreement Narrative.pdf
application/pdf
+1jvokoIf2iIafDj63gNkrzG+j0=

Dr.
Atyia
Martin

Executive Director
120 Brookside Ave, Suite C2
Boston
MA: Massachusetts
02130
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
atyia@nextleads.org

Dr.
Atyia
Martin

Executive Director
120 Brookside Ave, Suite C2
Boston
MA: Massachusetts
02130
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)

Ms.
Tayla
Andre

Chief of Finance and Administration
120 Brookside Ave, Suite C2
Boston
MA: Massachusetts
02130
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
tayla@nextleads.org

Dr.
Atyia
Martin

Executive Director
120 Brookside Ave, Suite C2
Boston
MA: Massachusetts
02130
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
atyia@nextleads.org

Application
New
2023-04-14
MA
Next Leadership Development Corporation (NLDC)
82-0805418
HK4QR17CRVM8
120 Brookside Ave, Suite C2
Boston
MA
MA: Massachusetts
02130-2649
USA: UNITED STATES

Dr.
Atyia
Martin

Executive Director
Next Leadership Development Corporation (NLDC)
EX. 6 - Personal Privacy (PP)
atyia@nextleads.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Black Resilience Hub Planning & Implementation
MA-008
MA-008
2023-11-01
2026-10-31
500000.00
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0.00
0.00
0.00
0.00
500000.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Ms.
Sarah
Dianne
Fender

Grant Writer
EX. 6 - Personal Privacy (PP)
sarah@nextleads.org
Sarah D Fender
2023-04-14

1.0
66.306
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2023-04-14T23:49:47.000-04:00
Sarah D Fender
GRANT13862113

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Dr. First Name: Atyia Middle Name:
Last Name: Martin Suffix:
Title: Executive Director
Complete Address:
Street1: 120 Brookside Ave, Suite C2
Street2:
City: Boston State: MA: Massachusetts
Zip / Postal Code: 02130 Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**
E-mail Address: atyia@nextleads.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: Dr. First Name: Atyia Middle Name:
Last Name: Martin Suffix:
Title: Executive Director
Complete Address:
Street1: 120 Brookside Ave, Suite C2
Street2:
City: Boston State: MA: Massachusetts
Zip / Postal Code: 02130 Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**
E-mail Address:

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: Ms. First Name: Tayla Middle Name:
Last Name: Andre Suffix:
Title: Chief of Finance and Administration
Complete Address:
Street1: 120 Brookside Ave, Suite C2
Street2:
City: Boston State: MA: Massachusetts
Zip / Postal Code: 02130 Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**
E-mail Address: tayla@nextleads.org

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: Dr. First Name: Atyia Middle Name:

Last Name: Martin Suffix:

Title: Executive Director

Complete Address:

Street1: 120 Brookside Ave, Suite C2

Street2:

City: Boston State: MA: Massachusetts

Zip / Postal Code: 02130 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: atyia@nextleads.org

EPA Form 5700-54 (Rev 4-02)

DocuSign Envelope ID: 00F34B86-4635-4457-ABA5-358E9BEB94FF

CITY of BEVERLY
SUSTAINABILITY OFFICE
191 Cabot Street
Beverly, Massachusetts 01915
Phone Ex. 6 - Personal Privacy (PP)
Fax Ex. 6 Personal Privacy (PP)

Mayor
Michael P. Cahill
Sustainability Director
Erina Keefe

April 13, 2023

U.S. Environmental Protection Agency

RE: Support for Green Beverly proposal to *The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program*

To whom it may concern:

The City of Beverly is an enthusiastic supporter of the Green Beverly proposal to *The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program* for the project titled "*Equitable Clean Air and Climate Relief Pilot.*"

The purpose of this project is to design and pilot a building decarbonization model within Beverly's environmental justice communities to distribute cost savings realized from heat pump technology to tenants and landlords. Renters will benefit from improved cooling on hot summer days, cleaner air quality, and comfortable heating during the winter. Landlords benefit from infrastructure updates and more manageable investment returns than available through existing energy efficiency programs.

This project aligns well with our Beverly & Salem Energy Challenge, launched after the completion of the City's climate action and resilience plan, designed to help residents access energy efficiency benefits, save money, and feel more comfortable at home year-round. To meet our target of reducing greenhouse gas emissions by 50% by 2030, we need to quickly scale decarbonization, especially in Beverly's existing aged housing stock. Tenant-occupied units are a priority group for our outreach given historically low participation in existing energy programs, and we are optimistic that this project led by Green Beverly can help to creatively bridge the split incentive issue between landlords and tenants and improve quality of life for our community members.

The City of Beverly Sustainability Office will serve as an active member and contribute to project planning and partnership development with our local institutions serving our EJ

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community. I strongly encourage the U.S. Environmental Protection Agency to support this proposal.

Please contact me with any questions. I can be reached at Ex. 6 - Personal Privacy (PP) or by email at ekeefe@beverlyma.gov.

Sincerely,

DocuSigned by:
Erina Keefe
ED7518AA28594E7...

Erina Keefe
Sustainability Director

City of Boston, Massachusetts

Office of the Mayor

MICHELLE WU

April 12, 2023

Michael S. Regan
Administrator
Environmental Protection Agency

Re: Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program (EPA-R-OEJECR-OCS-23-01)

Dear Administrator Regan:

It is my pleasure to support this collaborative application led by Maverick Landing Community Services Inc. (MLCS). The proposed project, *"Leveraging Pandemic Response Networks and Social Cohesion to Develop a Community Resiliency HUB and Emergency Response Plan for Disadvantaged Communities in East Boston,"* aims to promote community and coastal resiliency.

The Executive Director of MLCS was named the 2020 City of Boston Community Champion by the Mayor's Office of Immigrant Advancement, in recognition of her organization's proven track record of serving the East Boston community. Throughout the pandemic, MLCS played a crucial role in providing food, housing assistance, and other vital services to residents, demonstrating its capacity to serve as a strong resiliency HUB in times of crisis. Their dedication and commitment to the community make them an ideal lead applicant for this project.

In collaboration with core partners that include Neighbors United for a Better East Boston, Veronica Robles Cultural Center, and Mutual Aid Eastie, which all run strong neighbor-to-neighbor models of support, the project will ensure deep reach among vulnerable communities. This project will engage a planning committee of East Boston residents in a problem-solving process that deepens leadership and understanding from vulnerable communities and results in the development of a community-informed East Boston HUB resiliency plan.

Additional partners include the Office of Technical Assistance and Technology at the Massachusetts Executive Office of Energy and Environmental Affairs, and the Northeast Waste Management Officials Association, which will provide training and technical assistance on locating contaminated sites, solid waste facilities and toxics users. Their local, specialized knowledge will help the East Boston community learn how to become more adaptable to climate and ecological conditions.

The City of Boston's current Natural Hazards Mitigation Plan provides for specific responses and interventions in East Boston, based on its vulnerability to coastal flooding,

existing heat islands, peninsular location, and concentrations of environmental justice populations. Maverick Landing Community Services and their collaborating partners can build on land use planning and coastal resiliency projects led by the Boston Environment Department and the Boston Planning and Development Agency, which center community engagement in their strategic initiatives. The Boston Office of Emergency Management will provide guidance to community leaders and resiliency corps members on best practices for equitable community emergency response, as well as access to climate resiliency plans from partner agencies across the country to help develop a climate adaptation and emergency preparedness plan that caters specifically to East Boston population groups.

The National Institute of Building Sciences estimates that every $1 of federal grants spent on mitigation saves $6 in recovery costs after an extreme event. By integrating and leveraging the expertise of these community and government partners, the project will create a comprehensive and collaborative approach to building a more resilient East Boston. I hope you find that this application meets EPA's goals for collaborative problem solving that is led by the communities most deeply affected. Your thoughtful consideration is appreciated.

Sincerely,

Michelle Wu

Michelle Wu
Mayor of Boston

ONE CITY HALL SQUARE | BOSTON, MA 02201
BOSTON.GOV Ex. 6 - Personal Privacy (PP)

UNITE TO CREATE
POSITIVE LASTING CHANGE

April 15, 2023

Michael S. Regan

Environmental Protection Agency

Re: Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program (EPA-R-OEJECR-OCS-23-01)

Dear Administrator Regan:

The United Way is pleased to write this letter of support for this collaborative application led by Maverick Landing Community Services Inc. (MLCS) on the proposed project, "Leveraging Pandemic Response Networks and Social Cohesion to Develop a Community Resiliency HUB and Emergency Response Plan for Disadvantaged Communities in East Boston."

I understand this project aims to promote coastal and community resiliency over the next three years by engaging a planning committee of East Boston residents in a problem-solving process that deepens leadership and understanding from vulnerable communities and results in the development of a community-informed East Boston HUB resiliency plan.

The United Way has recently funded MLCS with a one-year $16,000 visioning grant that will help this constellation of partners who have been working together since the pandemic to continue to envision the ways in which they will continue to work together to support a strong community fabric of support for vulnerable communities in East Boston.

I am delighted to see that while this award has not been formally announced yet, they are continuing to find ways to resource their work together to ensure that East Boston's most vulnerable population sustains resilience and health through the pandemic and whatever will follow during this critical point in time as we continue to face economic and environmental challenges.

Finally, in addition to being the United Way's CEO, I'm also a resident of East Boston and can say first hand that the community of East Boston will benefit greatly from a project that centers equity and the continued health of its most vulnerable community members.

Sincerely,

Bob Giannino
Ansin President & CEO

United Way

United Way of Massachusetts Bay and Merrimack Valley

CHAIR OF THE BOARD
Rich Moche

VICE CHAIR OF THE BOARD
Tammi Wortham
Sun Life

PRESIDENT
Bob Giannino
Ansin President and CEO
United Way of Massachusetts Bay and Merrimack Valley

OFFICERS
Penni McLean-Conner
Immediate Past Chair of the Board
Eversource Energy

Jeffrey Bray
Invicti Security

Ava Callender Concepcion
Massachusetts Cannabis Control Commission

Brenda Campbell-Warner
Deloitte

Robert Fernandez
Breckinridge Capital Advisors

Ellen Griggs

Pamela Herbst

Carolyn S. Murphy

Jon Swan
Boston Consulting Group

Christian Westra
Ropes & Gray

Sujata Yadav
Eastern Bank

Boston
9 Channel Center Street
Suite 500
Boston, MA 02210
Ex. 6 - Personal Privacy (PP)

Attleboro/Taunton
21 Park Street, Suite 201
Attleboro, MA 02703
Ex. 6 - Personal Privacy (PP)

North Shore
100 Cummings Center
Suite 231-C
Beverly, MA 01915
Ex. 6 - Personal Privacy (PP)

Merrimack Valley PO Box
PO Box 9313
Lowell, MA 01853-9313
Ex. 6 - Personal Privacy (PP)

April 15th 2023

Michael S. Regan
Administrator
Environmental Protection Agency

Re: Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program (EPA-R-OEJECR-OCS-23-01)

Dear Administrator Regan:

It is my pleasure to support this collaborative application led by Maverick Landing Community Services Inc. (MLCS). The proposed project, *"Leveraging Pandemic Response Networks and Social Cohesion to Develop a Community Resiliency HUB and Emergency Response Plan for Disadvantaged Communities in East Boston,"* aims to promote community and coastal resiliency.

Over the past three years, I have met, collaborated, and built meaningful ventures with the entire staff and team at MLCS. I was incredibly impressed with their thoughtfulness and commitment to their work and their strong collective approach, which I have found through my experiences and interaction with folks, to be authentically connected to the communities they serve and strongly rooted to the ideals and ethos of transformational social justice work in our region. During the height of the COVID-19 pandemic, MLCS was one of our most trusted partners and allies bringing unique perspectives and thought partnership that increased our learning and reflections going forward. This helped us provide meaningful funding and impactful partnerships to others in the sector.

I understand The Executive Director of MLCS was named the 2020 City of Boston Community Champion by the Mayor's Office of Immigrant Advancement, in recognition of her organization's proven track record of serving the East Boston community. Throughout the pandemic MLCS played a crucial role in providing food, housing assistance, and other vital services to residents, demonstrating its capacity to serve as a strong resiliency HUB in times of crisis. Their dedication and commitment to the community make them an ideal lead applicant for this project.

This project is a special consideration impact project with its focus on equitable assessment of the environmental dangers posed to the vulnerable Latinx immigrant community health in East Boston and is led in collaboration with core partners that know and represent this community well. These are the people closest to the pain. They include: Neighbors United for a Better East Boston, Veronica Robles Cultural Center, and Mutual Aid Eastie, which all run strong neighbor-to-neighbor and community models of support. This collaboration of partners will ensure deep reach among vulnerable communities. This project will engage a planning committee of East Boston residents in a problem-solving process that deepens leadership and understanding from vulnerable communities and results in the development of a community-informed East Boston HUB resiliency plan.

Additional partners include the Office of Technical Assistance and Technology at the Massachusetts Executive Office of Energy and Environmental Affairs, and the Northeast Waste Management Officials Association, which will provide training and technical assistance on locating contaminated sites, solid waste facilities and toxics users. Their local, specialized knowledge will help the East Boston community learn how to become more adaptable to climate and ecological conditions.

I will be eager to follow the development of this project should it be funded and will support it with connections and resources to agencies within my congressional district.

Sincerely,



Vetto A. Casado
Assistant Director, Programs
The Boston Foundation tBf

The Commonwealth of Massachusetts
House of Representatives
State House, Boston 02133-1054

ADRIAN C. MADARO
REPRESENTATIVE
1ST SUFFOLK DISTRICT
ROOM 33
TEL: Ex. 6 - Personal Privacy (PP)
Adrian.Madaro@MAhouse.gov

CHAIR
JOINT COMMITTEE ON
MENTAL HEALTH, SUBSTANCE USE
AND RECOVERY

April 10, 2023

Michael S. Regan
Environmental Protection Agency
Re: Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
(EPA-R-OEJECR-OCS-23-01)

Dear Administrator Regan:

I write to you in support of the grant application by Maverick Landing Community Services (MLCS) to the Environmental Justice Collaborative Problem Solving (EJCPS) Cooperative Agreement Program for their proposal "Leveraging Pandemic Response Networks and Social Cohesion to Develop a Community Resiliency HUB and Emergency Response Plan for Disadvantaged Communities in East Boston". Maverick Landing Community Services, as well as the many local affiliate organizations they are partnering with on this project, comprise a critical support network for East Boston residents in need of essential services.

Located in the heart of an affordable housing development on the Boston waterfront, Maverick Landing Community Services is focused on building community resiliency. Throughout the COVID-19 pandemic, MLCS played a crucial role in providing food, housing assistance, and other vital services to residents, a neighborhood-wide logistical operation demonstrating their capacity to serve as a central resiliency hub in times of crisis. Since then, MLCS has also set up a housing support station for East Boston residents facing housing insecurity. Their dedication and commitment to the community make them an ideal lead applicant for this project.

Additionally, the organizations partnering with MLCS on this grant demonstrate the strength and effectiveness of inter-organizational ties in East Boston collaborating to serve local residents. While some organizations, such as the Northeast Waste Management Officials Association, will bring technical knowledge and expertise on coastal environment and pollution issues, others such as Neighbors United for a Better East Boston, Mutual Aid Eastie, and the Veronica Robles Cultural Center, specialize in neighbor to neighbor communications and the deep grassroots organizing that will be essential to the central community-driven aspect of this project. By engaging local underserved residents on these issues and soliciting feedback on potential solutions, MLCS and their coalition are ensuring that this project embodies the core of environmental justice principles.

NEWMOA
NORTHEAST WASTE MANAGEMENT OFFICIALS' ASSOCIATION

April 14, 2023

Martin Suuberg
Executive Director

89 South Street
Suite 600
Boston, MA 02111

Tel [Ex. 6 - Personal Privacy (PP)]
TDD/TTY [Ex. 6 - Personal Privacy (PP)]
www.newmoa.org

Michael S. Regan, Administrator
Environmental Protection Agency
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Re: Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program (EPA-R-OEJECR-OCS-23-01)

Dear Administrator Regan:

The Northeast Waste Management Officials' Association (NEWMOA) is pleased to partner in this collaborative application led by Maverick Landing Community Services Inc. (MLCS) on the proposed project, "Leveraging Pandemic Response Networks and Social Cohesion to Develop a Community Resiliency HUB and Emergency Response Plan for Disadvantaged Communities in East Boston," which aims to promote coastal and community resiliency.

NEWMOA is a non-profit, non-partisan, interstate association whose membership is composed of the state environment agency programs that address pollution prevention, toxics use reduction, sustainability, materials management, hazardous waste, solid waste, emergency response, waste site cleanup, underground storage tanks, and related environmental challenges in Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Rhode Island, and Vermont. NEWMOA also works collaboratively with non-member states on issues and programs of national importance.

This project will engage a planning committee of East Boston residents in a problem-solving process that deepens leadership and understanding from vulnerable communities and results in the development of a community-informed East Boston HUB resiliency plan.

We have been involved in several planning meetings with MLCS and as part of this project we have agreed to support coastal resiliency planning in the first phase by identifying, using GIS data layers and other sources of information, contaminated sites, solid waste sites and sites using toxics in areas that may be affected by flood and storm events, and to work with the core partners to develop user-friendly hazard profiles.

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We are committed to participating in the proposed Project's coalition by contributing staff expertise and skills. NEWMOA, a $12,500 subcontract on this request, is prepared to dedicate our staff to participating in the project, including:

- Joining the Project Steering Committee and participating in meetings
- Reviewing GIS and other data sources to identify sites in areas that are likely to be affected by flooding or storm events
- Producing, with Project Steering Committee input, hazard profiles for community engagement
- Working with the Project Steering Committee to identify quality of life issues like noise, dust and odors.

We look forward to supporting equity centered and led community coastal and community resiliency planning efforts in East Boston.

Sincerely,

Martin Suuberg
Executive Director

The Commonwealth of Massachusetts
Executive Office of Energy and Environmental Affairs
Office of Technical Assistance and Technology
100 Cambridge Street, Suite 900
Boston, MA 02114

Maura T. Healey
GOVERNOR

Kimberley Driscoll
LIEUTENANT
GOVERNOR

Rebecca L. Tepper
SECRETARY

Tiffany Skogstrom
DIRECTOR

4/13/23

Michael S. Regan
Environmental Protection Agency
Re: Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program (EPA-R-OEJECR-OCS-23-01)

Dear Administrator Regan:

Created by the 1989 Massachusetts Toxics Use Reduction Act (TURA), the Massachusetts Office of Technical Assistance (OTA) provides free and confidential toxics use reduction and pollution prevention assistance to Massachusetts manufacturers and businesses. Our scope of services includes incorporating chemical safety into climate change and severe weather resiliency planning to reduce the risk of industrial accidents. OTA has provided trainings for first responders and businesses to identify climate change vulnerabilities and chemical risks.
When called upon during this effort, OTA will partner with NEWMOA to offer services within our agency scope, which include the following activities:

- OTA has a map that utilizes MassGIS data and other available data that is searchable by Massachusetts zip codes and addresses and can present on other relevant existing resources so that community can find and utilize data. OTA and NEWMOA would provide trainings on how to use this map and other relevant available maps and resources to build capacity within the community.
- OTA can help recruit known TURA and Tier II filing manufacturers and provide these facilities with free and confidential toxics use reduction and pollution prevention technical assistance. OTA can also utilize existing Boston contacts and relationships to identify Boston specific emergency preparedness trainers, partners and resources.

We are submitting this letter of our support and look forward to supporting equity centered and led community coastal and community resiliency planning efforts in East Boston.

Sincerely,

Tiffany Skogstrom
OTA Director
tiffany.skogstrom@mass.gov
Ex. 6 - Personal Privacy (PP)

Veronica Robles Cultural Center

April 15, 2023

Michael S. Regan

Environmental Protection Agency

Re: Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program (EPA-R-OEJECR-OCS-23-01)

Dear Administrator Regan:

Veronica Robles Cultural Center (VROCC) is pleased to be a community partner in this collaborative application led by Maverick Landing Community Services Inc. (MLCS) and will receive $12,000 in year one and in subsequent years to be outreach, media, and events partner in a three-year collaboration. The proposed project, "Leveraging Pandemic Response Networks and Social Cohesion to Develop a Community Resiliency HUB and Emergency Response Plan for Disadvantaged Communities in East Boston," aims to promote community resiliency and to build on a strong history of partnership and collaboration that began at the onset of the pandemic.

As part of this partnership, we will commit to 1) participating in steering committee meetings as needed 2) facilitate use of our social media and VROCC radio show with a reach of 10K+ to disseminate important project milestones and supporting the cohort leaders in broadening their reach in the Latinx immigrant communities of East Boston.3) Participating in 2 yearly educational events with youth dancer-led cultural act that showcases community resiliency and is leveraged to support a broader community as part of the problem solving process.

As a Latin American cultural center, VROCC seeks to both hold space for Latinos to engage in cultural activities, and share space with people from other cultural groups who wish to learn about our cultures.

VROCC has played a vital role in supporting the Latinx immigrant community during the pandemic and in partnership with the partners on this project. Through arts and culture VROCC has promoted community resilience and through its events and social and radio media outlets is a strong vehicle for messaging to the community.

We look forward to continuing to develop a strong resiliency community with MLCS and other partners on this grant.

Sincerely,



Veronica Robles

Veronica Robles Cultural Center

282 Meridian St., East Boston, MA 02128

www.vrocc.org / Ex. 6 - Personal Privacy (PP)

MUTUAL AID
EASTIE

Michael S. Regan
Environmental Protection Agency
Re: Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program (EPA-R-OEJECR-OCS-23-01)

Dear Administrator Regan:

Mutual Aid Eastie/ Apoyo Mutuo (MAE) is pleased to be a community partner in this collaborative application led by Maverick Landing Community Services Inc. (MLCS) and will receive $20,000 in year one and in subsequent years to be an outreach and education partner in a three-year collaboration. The proposed project, "Leveraging Pandemic Response Networks and Social Cohesion to Develop a Community Resiliency HUB and Emergency Response Plan for Disadvantaged Communities in East Boston," aims to promote coastal and community resiliency and to build on a strong history of partnership and collaboration that began at the onset of the pandemic.

As part of this partnership, we will commit to identifying and supporting at least 6 leaders to be part of the leadership cohort that will work with other community leaders from Mutual Aid Easton Boston and with a youth resiliency for supported by MLCS. We will participate in leadership steering committee meetings and project meetings and will also work with the evaluator to ensure a successful project. This project will engage a planning committee of East Boston residents in a problem-solving process that deepens leadership and understanding from vulnerable communities and results in the development of a community-informed East Boston HUB resiliency plan. We will also support outreach and education efforts to reach the broader community as we work to develop a strong community-informed plan.

MAE is positioned to support this project. Our mission is to support and strengthen connections across East Boston to foster greater resilience across the neighborhood. We have a longstanding partnership with MLCS, which is a founding member of MAE. Currently, we support 10 residents participating in a digital literacy course at MCLS. We also host and support Manualidades, a traditional art focused healing program developed by one of our neighbors. We are currently collaborating with Cosecha to support our neighbors take advantage of the opportunity to apply for driver's licenses. These are just a few of the many ways we connect with neighbors to strengthen the connections across the neighborhood.

We look forward to continuing to develop a strong resiliency community with MLCS and other partners on this grant.

Sincerely,

Leonard Olsen
Co-Facilitator, Mutual Aid East/ Apoyo Mutuo

Michael S. Regan

Environmental Protection Agency

Re: Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program (EPA-R-OEJECR-OCS-23-01)

Dear Administrator Regan:

Neighbors United for a Better East Boston (NUBE) is pleased to be a community partner in this collaborative application led by Maverick Landing Community Services Inc. (MLCS) and will receive $20,000 in year one and in subsequent years to be an outreach and education partner in a three-year collaboration. The proposed project, "Leveraging Pandemic Response Networks and Social Cohesion to Develop a Community Resiliency HUB and Emergency Response Plan for Disadvantaged Communities in East Boston," aims to promote coastal and community resiliency and to build on a strong history of partnership and collaboration that began at the onset of the pandemic.

As part of this partnership, we will commit to identifying and supporting at least 6 leaders to be part of the leadership cohort that will work with other community leaders from Mutual Aid Easton Boston and with a youth resiliency for supported by MLCS. We will participate in leadership steering committee meetings and in project meetings and will also work with the evaluator to ensure a successful project. This project will engage a planning committee of East Boston residents in a problem-solving process that deepens leadership and understanding from vulnerable communities and results in the development of a community-informed East Boston HUB resiliency plan. We will also support outreach and education efforts to reach the broader community as we work to develop a strong community-informed plan.

NUBE is positioned to support this project and will utilize its vast network as a civic engagement leader in East Boston where every year we directly canvas over 3,000 people and are among the strongest civic engagement groups in Boston with a 47 percent voter turnout rate.

We are building on a strong partnership with MLCS as a founding member of Mutual Aid Eastie/Apoyo Mutuo. We also host an abundant leaders' group that support the advancement of immigrant leaders in East Boston. Currently, over 16 of our leaders are taking a three-month long advanced digital literacy course at MLCS. We expect to draw from those leaders to identify the best candidates for the leadership cohort on this grant.

We look forward to continuing to develop a strong resiliency community with MLCS and other partners on this grant.

Sincerely,

Eny Lovo

Eny Lovo

NEXT LEADERSHIP DEVELOPMENT

A 501(c)3 nonprofit organization focused on strengthening resilience in Black communities

USEPA Headquarters
William Jefferson Clinton Building
1200 Pennsylvania Avenue, N. W.
Mail Code: 2202A
Washington, DC 20460

April 14, 2023

Dear Jacob Burney,

I am writing to express my full support for the Maverick Landing Community Services Resilience Hub Project for the EPA Environmental Justice Collaborative Agreement. As the Executive Director of Next Leadership Development, I have seen firsthand the importance of community resilience training in preparing for the increase in the number and intensity of disasters that disproportionately impact underserved people, especially the immigrant communities in East Boston.

The Resilience Hub Project is a critical initiative that will help to incorporate environmental justice and climate change issues into the project planning and implementation. This will ensure that the underserved communities in East Boston are adequately prepared for the climate induced challenges that lie ahead. We see Maverick Landing Community Services as a partner in resilience work and plan to share our lessons learned and best practices from our Resilience Hub initiative.

Next Leadership Development is committed to providing community resilience training for residents with translation available for $2,500 per course for up to 50 people. The size of each training can be adjusted, and the base cost is $50 per person per training. Our extensive emergency preparedness, response, and recovery experience makes us the ideal partner for this project. We believe that a collective approach to community preparedness and resilience is the key to success. Our focus on what people can do together as a community will help to ensure that the underserved communities in East Boston are adequately prepared for any challenges that may arise.

I would like to express my full support for the Maverick Landing Community Services Resilience Hub Project for the EPA Environmental Justice Collaborative Agreement. I look forward to working with them to ensure the success of this critical initiative.

Sincerely,

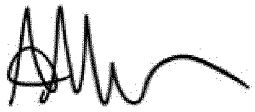


Dr. Atyia Martin
Executive Director

NEXTLEADS.ORG
120 Brookside Avenue, Suite C2 • Boston, MA 02130 • Ex. 6 - Personal Privacy (PP)

I respectfully request that this grant application be approved so that this important work to further environmental justice in our neighborhood can commence. Please do not hesitate to contact my office with any questions.

Sincerely,



Adrian C. Madaro
State Representative

What does StarLuna Consulting do?

StarLuna Consulting, LLC is an anti-racism, social equity research, education, and consulting firm. It is also a Massachusetts state certified Women/Minority Owned Business Enterprise.

StarLuna provides:

- Action research services on questions related to social equity and governance;
- Guidance on working with or centering historically excluded and currently marginalized communities in planning or other governance processes;
- Community based learning opportunities around various areas of social justice including environmental justice, climate justice, and housing justice, among others.
- General social equity advising to initiatives or organizations seeking guidance to support equity-centered, justice supporting, anti-racist policies, operations, and practices.

Who is Ex. 6 Personal Privacy (PP)

I am the owner and principal of StarLuna Consulting, LLC. I am a long-time advocate, scholar, and educator focusing on issues at the intersection of social justice, social relations, and governance. I have been extensively involved in the development of community engagement, public dialogue, public learning, and public communication initiatives related to racial equity, social justice, and democratic governance. I have also served in formal and advisory capacities to community based organizations, foundations, and public institutions on a variety of racial equity issues.

Relevant Projects

Municipal Vulnerability Planning (MVP) Grant Redesign

Client: MVP Office, Executive Office of Energy and Environmental Affairs

I am the social equity advisor and stakeholder engagement specialist for the development of a MVP grant process. In this role, I led the stakeholder engagement process to assess experiences with and desires for the MVP program and planning grants. I created the Equity Council which is comprised of environmental justice advocates and activists across the state. I am also developing the training series (in partnership with All Aces, Inc) for future MVP participants focused on understanding environmental justice, social equity, the conditions creating social vulnerability, and measuring progress in creating equity-centered social resilience.

Boston Urban Forest Planning

Client: City of Boston

I was the social equity advisor to the Boston Urban Forest Plan development process led by Stoss Landscape Urbanism. I created and supported the Equity Council, which was comprised of residents and advocates from historically excluded and currently marginalized communities and was tasked with creating the priority goals, objectives, and main strategies around which the plan was created. I co-facilitated the Equity Council's decision-making processes and supported the larger Community Advisory Board workshops. The final plan can be found at: https://www.boston.gov/departments/parks-and-recreation/urban-forest-plan

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Social Equity Research and Policy Advising

Client: EPA, Office of Land and Emergency Management

Working with Industrial Economics, Inc (IEc), I led the design of a community based action research process to support EPA's Office of Land and Emergency Management's efforts to improve community engagement and participation in decision-making and regulatory processes. I also provided general advising on policy issues related to social equity and environmental justice.

Participatory action research: Community development in East Boston

Client: Community Commons

I supported the planning and implementation of a community based participatory action research project related to community development in East Boston. Community members concerned about a casino proposed for the neighborhood solicited assistance with doing a community-wide survey to assess concerns, goals, and aspirations of community members. Residents were involved in all aspects of implementing the research from design through data entry. They also guided the analysis of results and report writing. Reports can be found at: http://doi.org/10.5281/zenodo.3849111 and at http://doi.org/10.5281/zenodo.3849165.

Education

Ph.D., Law and Social Policy
Northeastern University

Master of Public Health
Boston University School of Public Health

B.S., Health Science, Community Health,
California State University, Los Angeles Los Angeles, CA

More information

More information about StarLuna's projects, research, publications, and public presentations can be found at: https://starluna.net/

ED_016126_00000094-00016

Background

Ex. 6 Personal Privacy (PP) is a dedicated and passionate individual currently pursuing a degree at North Shore Community College. She serves as a Program Development Coordinator at Maverick Landing Community Services (MLCS), where her primary focus is on cultivating an equitable community by equipping community members with the necessary resources to thrive and fostering a sense of resilience and empowerment. Growing up in East Boston, Ex. 6 Personal Privacy (PP) experienced firsthand the challenges faced by many residents, including immigration struggles, social inequalities, and environmental concerns. These formative experiences ignited her passion for social justice and community activism, inspiring her to create meaningful change in the lives of others.

In her role at MLCS, Ex. 6 Personal Privacy (PP) designs and supports programs/services that address the unique needs of the community. These initiatives emphasize resilience, leadership skills, and a sense of belonging, which have had a lasting impact on the lives of youth and families. Some examples of her work at MLCS include developing youth mentorship programs, organizing community events, and collaborating with local organizations to expand resources and services for the community.

Prior to her work at MLCS, Ex. 6 Personal Privacy (PP) made significant contributions at Neighborhood of Affordable Housing (NOAH), where she developed and facilitated programs centered around environmental justice, leadership development, and civic engagement for local youth. Her efforts at NOAH included creating workshops on coastal resiliency and environmental justice, organizing community clean-up events, and advocating for sustainable urban planning policies. Ex. 6 Personal Privacy (PP) work at NOAH enabled her to combine her passion for environmental sustainability with her commitment to community engagement, empowering young people to become leaders and agents of change in their community.

With her strong background in program development, community engagement, and environmental justice, Ex. 6 Personal Privacy (PP) is a valuable asset in creating more equitable and sustainable communities. Her personal and professional experiences have informed her commitment to social justice and resiliency work, making her a compassionate and effective advocate for those who are often marginalized.

RELEVANT PROJECTS

ClimateCARE Program

Lead Youth Organizer | Neighborhood of Affordable Housing (NOAH)

NOAH's climateCARE program focuses on building a robust East Boston Resilience Network to address social and environmental justice issues with key stakeholders. Ex. 6 Personal Privacy (PP) worked with NOAH's youth workforce program to promote individual and collective action to reduce harm from potential climate change-related impacts and educate residents on risks and available solutions. Through the program, Ex. 6 Personal Privacy (PP) worked on many successful campaigns, which include:

- Urban Tree Planting Initivative: A youth led inivtiative where Ex. 6 Personal Privacy (PP) advocated for an increase in East Boston's tree canopy coverage, leading conversations with city officals on possible solutions.
- Adaptation Planning Working Group: Coordinated youth to be involved in important conversations with agency stakeholders and community representatives to coordinate plans that address coastal flooding and represent community interests.
- Youth EJ Getty's: Ex. 6 Personal Privacy (PP) organized monthly youth getty's, slang for get-togethers, an event series dedicated to edudating teens on the importance of enviromental justice in creative and engaging ways, including interactive workshops and guest speakers.
- Eastie EJ Tour: Ex. 6 Personal Privacy (PP) led environmental justice (EJ) tours in East Boston to educate community members and visitors on the impact of environmental injustices on their community. She worked with youth to teach them how to lead these tours, equipping them with the knowledge and skills needed to educate others on the importance of EJ and the interconnectedness of environmental and social justice issues. In addition to being an educational tool, the tours also provided a platform for youth to develop leadership skills and become agents of change in their community.

Boston Housing Support Station (BHSS)

Project Manager | East Boston Housing Coalition

The Boston Housing Support Station (BHSS), a collaborative effort among several organizations to fight displacement in East Boston. Ex. 6 Personal Privacy (PP) oversaw the implementation of the first station of the coalition, coordinating volunteers in educating community members on housing rights and managing a team to support housing applications. She helped ensure that vulnerable community members had access to the resources and support they needed to maintain stable housing and build a more resilient community.

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)
Climate Advisor and Environmental Strategist

Email: Ex. 6 - Personal Privacy (PP)
Cell: Ex. 6 - Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) is a globally recognized leader in harnessing the power of collaborative problem solving and ESG principles to design places that are sustainable, inclusive, and vibrant. A strategist, change maker, and climate defender, [redacted] travels widely to bring globally pioneering strategies to the United States that improve sustainability and resiliency for all people.

She works with boards, corporations, program staff and individual donors to develop comprehensive strategies that integrate policy, campaigns, and communications needed to achieve measurable results. She has extensive experience integrating Diversity, Equity, and Inclusion into program strategy and change management practices.

[redacted] previously served as Special Consultant to the Energy Foundation where she supported the implementation of the strategic plan. She was also Senior Vice President at the Energy Foundation where she oversaw the strategic implementation of a $160 million grants making budget aimed at reducing carbon emissions throughout the United States. Prior to that, she was Co-director of Climate at the Barr Foundation, based in Boston, where she developed strategies focused on transportation, climate resilience, and land-use, all critical levers for reducing emissions and protecting those most vulnerable to the impacts of climate change.

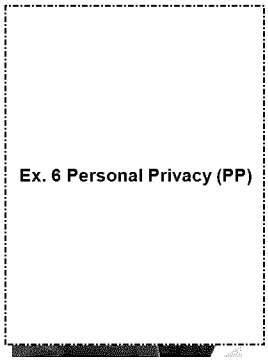
At EF, [redacted] led the national team that secured the Climate and Equitable Jobs Act in Illinois, galvanized the Clean Car goals for the United States, and provided expertise and advocacy support to the Biden Administration in support of the largest infrastructure package in the country's history. In Boston she was the brain trust behind the City of Boston's **Go Boston 2030** transportation planning process which set a new standard for public engagement; the Boston BRT Initiative, and helped catalyze **Climate Ready Boston**, the City's first comprehensive analysis of climate vulnerability and the first multi-neighborhood resilience plan in the United States.

[redacted] is a sought-after speaker, author, and visionary on issues of climate, community, and equity. She is a contributing author of *If We Want to Win, A Latine Vision for a New American Democracy*, which was publish November of 2021.

In Massachusetts, [redacted] serves on the Point32Health Foundation (formerly Tufts Health Plan Foundation), is Board of Director of the Boston Girls and Boys Clubs of Boston and of Amplify Latinx. She previously served on the board of directors for Hispanics in Philanthropy and was on the Massachusetts Governor's Latino Advisory Commission.

[redacted] earned her B.A. from the University of Southern California, a master's from Massachusetts Institute of Technology. She holds mediation and facilitation accreditations from Harvard Law School's Program on Negotiation and from the Center for Dispute Resolution in London, England.

She is a native Spanish speaker with roots in Cuba.



Ex. 6 Personal Privacy (PP)
Chief Resilience Officer
Office of Mayor Martin J. Walsh
City of Boston, Massachusetts

ABRIDGED BIO

Ex. 6 Personal Privacy (PP) is a Certified Emergency Manager (CEM) with a diverse set of experiences in public health, emergency management, intelligence, and homeland security. Mayor Martin J. Walsh appointed her as the Chief Resilience Officer for the City of Boston as part of the 100 Resilient Cities initiative pioneered by the Rockefeller Foundation. In this role, she is responsible for leading the development and implementation of Boston's Resilience Strategy. Boston will focus on advancing racial equity as the foundation of the Resilience Strategy process to increase our shared ability to thrive after emergencies.

Ex. 6 Personal Privacy (PP) has served as adjunct faculty in the Master of Homeland Security at Northeastern University. She was previously the Director of the Office of Public Health Preparedness at the Boston Public Health Commission (BPHC). Her previous professional experience includes the Boston Police Department's Boston Regional Intelligence Center; City of Boston's Mayor's Office of Emergency Management; the Federal Bureau of Investigations (FBI); and active duty Air Force assigned to the National Security Agency. Ex. 6 Personal Privacy (PP) and her husband were born and raised in Boston where they currently live. They have five children.

FULL BIO

Ex. 6 Personal Privacy (PP) is a Certified Emergency Manager (CEM) with a diverse set of experiences in emergency management, intelligence, and homeland security. Mayor Martin J. Walsh appointed her as the Chief Resilience Officer for the City of Boston as part of the 100 Resilient Cities initiative pioneered by the Rockefeller Foundation. In this role, she is responsible for leading the development and implementation of Boston's Resilience Strategy. Boston will focus on advancing racial equity as the foundation of the Resilience Strategy process to increase our shared ability to thrive before and after emergencies. Boston will use a whole community, collective impact approach to partner with city agencies, civic organizations, residents, community and faith-based organizations, businesses, and philanthropy to develop, implement, and track the progress of Boston's Resilience Strategy.

Ex. 6 Personal Privacy (PP) has served as adjunct faculty in the Master of Homeland Security at Northeastern University focusing on continuity of operations and critical infrastructure. She was most recently the Director of the Office of Public Health Preparedness at the Boston Public Health Commission. Among her previous positions, she served as a Senior Analyst and later the Homeland Security Supervisor and Acting Director at the Boston Regional Intelligence Center at the Boston Police Department. Additionally, Ex. 6 Personal Privacy (PP) served as a regional planner for the City of Boston's Mayor's Office of Emergency Management where she coordinated critical infrastructure and information sharing projects for the Urban Area Security Initiative Homeland

Security Grant Program. In this role, she also managed public-private partnerships, emergency notifications, and emergency operations planning. She was also a civilian at the Federal Bureau of Investigations (FBI) in the Boston Field Intelligence Group and active duty Air Force assigned as a Serbian/Croatian linguist and analyst to the National Security Agency.

Ex. 6 Personal Privacy (PP) holds an Associate of Arts in Serbian Croatian from the Defense Language Institute (DLI), Bachelor of Science from Excelsior College, a Masters in Homeland Security Leadership from the University of Connecticut, and a Doctorate in Law and Policy from Northeastern University. She is also a certified Emergency Medical Technician and a Basic Life Support Instructor. Ex. 6 Personal Privacy (PP) and her husband were born and raised in Boston where they currently live. They have five children: **Ex. 6 Personal Privacy (PP)**

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: DEC 26 2007

MAVERICK LANDING COMMUNITY SERVICES INC
C/O WILMERHALE
KRISTINE CRABTREE
60 STATE ST
BOSTON, MA 02109

Employer Identification Number:
20-5911734
DLN:
17053253319037
Contact Person:
DONNA ELLIOT-MOORE ID# 50304
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)

Accounting Period Ending:
December 31
Public Charity Status:
170(b)(1)(A)(vi)
Form 990 Required:
Yes
Effective Date of Exemption:
March 2, 2006
Contribution Deductibility:
Yes
Advance Ruling Ending Date:
December 31, 2010
Addendum Applies:
No

Dear Applicant:

We are pleased to inform you that upon review of your application for tax exempt status we have determined that you are exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code. Contributions to you are deductible under section 170 of the Code. You are also qualified to receive tax deductible bequests, devises, transfers or gifts under section 2055, 2106 or 2522 of the Code. Because this letter could help resolve any questions regarding your exempt status, you should keep it in your permanent records.

Organizations exempt under section 501(c)(3) of the Code are further classified as either public charities or private foundations. During your advance ruling period, you will be treated as a public charity. Your advance ruling period begins with the effective date of your exemption and ends with advance ruling ending date shown in the heading of the letter.

Shortly before the end of your advance ruling period, we will send you Form 8734, Support Schedule for Advance Ruling Period. You will have 90 days after the end of your advance ruling period to return the completed form. We will then notify you, in writing, about your public charity status.

Please see enclosed Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, for some helpful information about your responsibilities as an exempt organization.

Letter 1045 (DO/CG)

MAVERICK LANDING COMMUNITY SERVICES

We have sent a copy of this letter to your representative as indicated in your power of attorney.

Sincerely,

Robert Choi

Robert Choi
Director, Exempt Organizations
Rulings and Agreements

Enclosures: Publication 4221-PC
Statute Extension

Letter 1045 (DO/CG)

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Form ST-2

Certificate of Exemption

Massachusetts Department of Revenue

Certification is hereby made that the organization herein named is an exempt purchaser under General Laws, Chapter 64H, sections 6(d) and (e). All purchases of tangible personal property by this organization are exempt from taxation under said chapter to the extent that such property is used in the conduct of the business of the purchaser. Any abuse or misuse of this certificate by any tax-exempt organization or any unauthorized use of this certificate by any individual constitutes a serious violation and will lead to revocation. **Willful misuse of this Certificate of Exemption is subject to criminal sanctions of up to one year in prison and $10,000 ($50,000 for corporations) in fines.** (See reverse side.)

* MAVERICK LANDING COMMUNITY
SERVICES INC.
MAVERICK LANDING COMMUNITY
31 LIVERPOOL STREET
EAST BOSTON MA
02128

EXEMPTION NUMBER E
205-911-734

ISSUE DATE
05/16/08

CERTIFICATE EXPIRES ON
05/16/10

NOT ASSIGNABLE OR TRANSFERABLE

COMMISSIONER OF REVENUE
MAVJEET GAL

ED_016126_00000094-00023

Title: ***Equitable Clean Air and Climate Relief Pilot***

Project Location: Beverly, Massachusetts

Green Beverly, 100 Cummings Center, Suite 350-E, Beverly, MA; Dean Berg, dean@greenbeverly.org

Brief Description of Applicant Organization -

Green Beverly aims to help all Beverly residents and businesses lead more sustainable lives through actionable information, inspiration, and education. We have engaged with more than 6,000 Beverly residents and businesses, hosted 23 events and workshops and reduced Beverly's carbon emissions by 5,000 mt CO2e last year. We connect with the community through free expert coaching, workshops, community projects, and social media engagement. Green Beverly has implemented numerous community-based projects - many of which support the EJ community.

Are you applying for the Small CBO Set Aside Track for $150,000 projects? (Yes/No) YES. Please find an employee roster attached that verifies our qualification for the Small CBO Set Aside Track.

Project Abstract -

We will design and execute a heat pump technology (HPT) pilot for our underserved families. Our main objective is to reduce air pollutants, provide affordable relief on the hottest summer days, provide efficient heating in the winter months and reduce our greenhouse gas emissions. All at a cost savings to the families and their landlords. We will do this through education, workshops, and coaching. Our goal is to reach 500 households through events, media and coaching. In our first year, we expect to have 50 homes weatherized, have 25 homes convert to hot water heaters and 15 homes convert to a heat/cool source. Our most desired outcome is that our educational efforts will encourage landlords, homeowners and tenants to make their homes more energy efficient. We also expect to witness a carbon reduction and cost savings to tenants and homeowners. The program will focus on Beverly, a coastal city on the North Shore with a population of approximately 40,000 people that includes Environmental Justice and food insecure populations (i.e., low income families, fixed income seniors and disability).

Project Type(s) - Education and Implementation of home heating changes

Special Considerations -

Our project is a community based pollution based prevention effort that is working to reduce the use of fossil fuels in Beverly and reduce the amount of toxins in the air that may come from natural gas, oil, or propane.

Environmental Issue - Our pilot program addresses air pollution.

List of Project Partners - YMCA of the North Shore Housing; ACTION, Inc; Beverly Bootstraps; City of Beverly; Beverly Housing Authority; Salem Plumbing; EcoWave; RiseUp Solar

Will you need to develop a QAPP for your project? (See Appendix H) Not applicable

b. Environmental and Public Health information of the Underserved Community -

In Beverly, 15.1% of the population lives in poverty, and thirteen percent of Beverly respondents report that they are of color. Beverly has neighborhoods classified as environmental justice populations based on the income and minority criteria. Our project seeks to address dangers caused by the use of fossil fuels in the home and the struggle to pay high utility bills, especially during the cold and very warm Massachusetts seasons. By providing our services to these neighborhoods, we are working to give these residents some protection from environmental and health hazards, and access to the decision making process that works to maintain a healthy environment where these residents live, work and learn.

As evidenced by the EJSCREEN tool, Beverly has neighborhoods directly impacted by disproportionate environmental and public health harms. Three neighborhoods have a population that falls into the 80th percentile for Limited English Speaking and one neighborhood that falls into the 95th percentile for Low Income. Three other neighborhoods are at the 80th percentile (for Low Income) Clearly these neighborhoods might not understand the ability to afford or learn about ways to get cleaner, safer and cheaper methods to heat and cool their homes.

Approximately 6,000 of our residents live in poverty. With an average of 2.5 people per household, that equates to about 2,400 households in Beverly living in poverty. According to NSCAP, 412 households applied and qualified for fuel assistance this past winter. Of note is that this number does not include households in subsidized housing. Clearly, we have a significant population struggling to make ends meet and many of these homes were in environmental justice communities.

The City of Beverly is also experiencing an increase in food insecurity. Almost 3,000 households in Beverly lost an average of $163 a month in extra COVID-era benefits (The Boston Globe, 2023). Due to SNAP changes, increases in food prices, and rising heat and electric costs, Beverly Bootstraps saw over 200 more Food Pantry visits in March of 2023.

This winter brought increased utility costs to our region. A November NBC news story from November of last year stated that National Grid predicted that the average monthly electric bill would go up 64% and the average natural gas bill by 24%. This is a pattern that will likely continue, especially with increased inflation and political issues occurring worldwide that disrupt the supply of fossil fuels and electricity. While increased costs will affect all economic classes, it will impact those in the environmental justice communities harder. Many in this population struggle to pay for housing, food and utilities. Our HPT pilot program will provide them financial relief on heating and cooling bills.

Our HPT will likely bring down the cost for these households to heat their homes, as the HPT is more efficient. There are members of this community that currently rely on natural gas to heat and cool their homes. With HPT, these people can limit reliance on natural gas. A recent Harvard study found that natural gas used in homes throughout the Greater Boston area contains varying levels of volatile organic chemicals. When leaked, these chemicals are known to be

toxic, linked to cancer, and can form secondary health-damaging pollutants such as particulate matter and ozone. ttps://www.hsph.harvard.edu/c-change/news/natural-gas-used-in-homes/ While there are commonly known national gas leakage pathways, as in gas stoves, data reports the existence of a source of volatile organic chemicals in indoor and urban areas that is not currently accounted for in emissions inventories and provide a previously unaccounted for public health co-benefit associated with reductions of NG-methane emissions. In addition, the widespread use of natural gas has been linked to the largest source of urban methane.

As stated earlier in the application, our program relates to Climate Change and Health Impact Assessment considerations. Sources state that in the Boston area, temperatures in the summer are increasing, and we are experiencing more heat wave events (days over 90 degrees F). The summer of 2020 was marked as the hottest summer globally with 14 days reaching over 90 degrees. Scientists predict that in the 2030s, we could double that, due to climate change. With the HPT, we can mitigate climate and health risks from urban heat islands, which Beverly is. By providing more efficient air conditioning with the HPT, we are illustrating climate adaptation and resiliency. https://www.mapc.org/resource-library/extreme-heat/ Our heat pumps will help cool people's homes, efficiently, and without using fossil fuels or exposing families to natural gas. The HPT is also effective in reducing carbon emissions as it is an alternative to gas and oil burning furnaces and boilers . Therefore it is a community-led pollution prevention. Heat pumps for heating and cooling purposes are 300% more efficient and are an investment in low-and zero-emission and resilient technologies. The HPT will reduce greenhouse gas emissions and other pollutants caused by more traditional heating and cooling sources. https://www.nbcboston.com/news/local/mass-energy-price-hikes-go-into-effect/2879390/

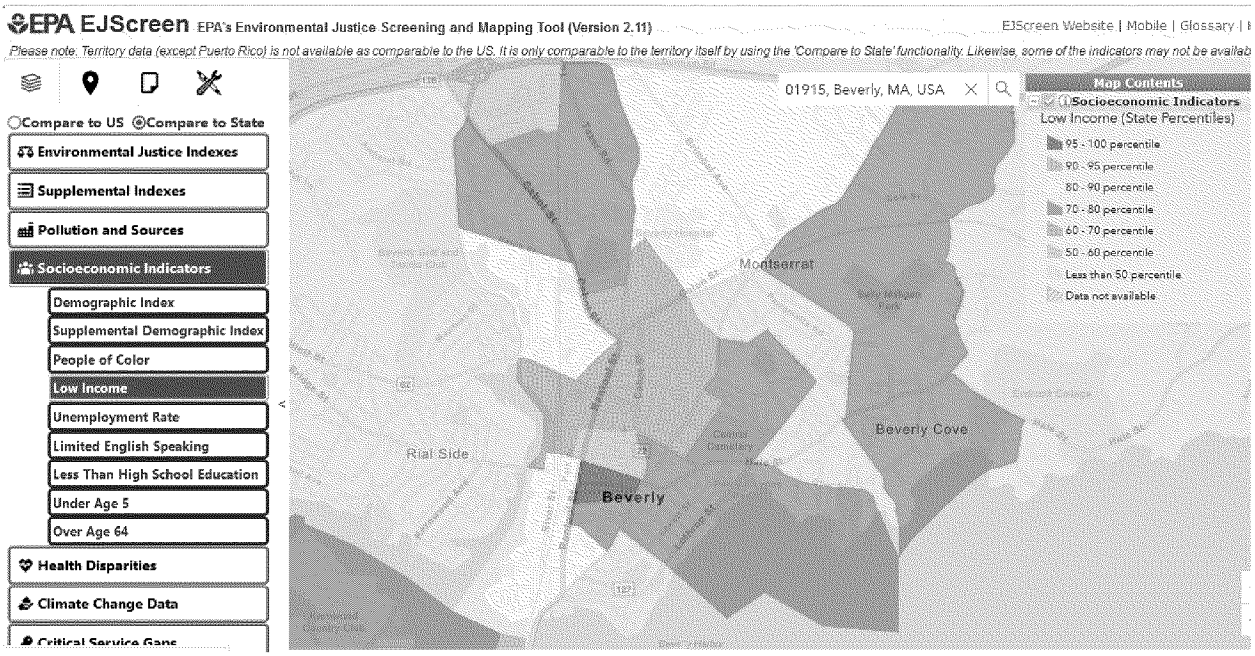
The EJScreen map below shows the "Low Income" communities within Beverly. The red highlighted area (between Federal and Broadway) is comprised of 2-2.5 story homes built in the 1930s and 1940s. The majority of these homes are rental properties with little insulation, no central air conditioning, and fossil fuel heating systems. This neighborhood also consists of the largest non-English speaking population in Beverly. Below are a few street view images of this neighborhood.

Ex. 6 Personal Privacy (PP)

The lower left yellow area highlights “Goat’s Hill”. Much of the area is industrial, but the homes are larger apartment buildings built in the 1930s through the 1960s. These homes are also poorly insulated with no central air conditioning and have fossil fuel heating systems.

The upper left yellow section is “Gloucester Crossing”. This area consists mostly of triple-deckers that were built in the early 1900s to support the massive workforce at the United Shoe Machinery factory (now the Cummings Center). This is a densely populated rental community with homes that are poorly insulated, lack air conditioning, and are heated with oil and gas. Below are a few street view images of this neighborhood.

Ex. 6 Personal Privacy (PP)



c. Organization's Historical Connection to Underserved Community -

Green Beverly's mission is to serve all of the Beverly community and make our city a cleaner and sustainable area. Most of our services, such as coaching, public events, and green actions, are available free of charge. Many of our community projects are focused on assisting the underserved and environmental justice populations in Beverly. Some of our programs include food diversion, Green Up and Urban Ag. Our staff has developed and well established partnerships with community service organizations as the Beverly YMCA, the Beverly Housing Authority, NSCAP, ACTION, Inc, numerous faith groups, and Beverly Bootstraps. One of our board members and energy coaches, Isis Patterson, is a person of color, a renter in subsidized housing and is on the board of Harborlight Homes, a nonprofit advocating for affordable and inclusive homes on the North Shore.

For our food diversion program, we leveraged knowledge and experience from the local community based organizations addressing hunger. We relied on these organizations to share their knowledge. We partnered with local food pantries, as Bevelry Bootstraps, to distribute the food we rescued. The YMCA also assisted us with food distribution to various food insecure communities in Beverly and will be hosting our community cooler that stores food we rescue.

Our Green Up program subsidizes electric bills for low-income families who have upgraded to 100% clean electricity. Our staff have worked with and sought input from local agencies like the YMCA, Harborlight Homes and Beverly Housing Authority (BHA) to administer this program. These relationships are important to our outreach to the low-income community, which often is left out of energy efficient opportunities. We work with BHA and their tenants on programs, and they are the largest landlord of low-income housing in Beverly, with 650 units in their realm.

Urban Ag is a coalition of 14 partners across 5 Massachusetts cities and brings the viewpoint of the low-income and environmental justice community to our efforts. They are part of this research and planning process.

We have a two-year contract with the City of Beverly to provide education and coaching to Beverly landlords and tenants. We are developing an outreach plan, engaging our largest and smallest landlords and numerous renters in this undertaking. In fact, many from these groups are part of the Green Beverly team of staff and volunteers.

All of Green Beverly's services are offered free to the public and advertised across the city. This allows the underserved to participate and take advantage of our offerings and removes any financial barriers to participation. We also offer childcare and food to those residents that want to participate in our programs, including our coaching programs, workshops and educational outreach programs.

How did Green Beverly become involved with this community? About 6 years ago, a group of Beverly residents noticed that barriers prevented many people from practicing more sustainable living habits. Over the next few years, with absolutely no monetary budget, this group collaborated with and communicated with Beverly individuals, small businesses, environmental organizations and government representatives to plan community based activities. This is how we become associated with Beverly social service groups as Beverly Bootstraps and the YMCA. For instance, we saw that many food distributors were throwing away unused food, and there was a big population in Beverly facing hunger. We worked with engaged organizations and created food rescue operations.

d. EJCPS Model - Demonstrate how this application utilizes the Environmental Justice Collaborative Problem-Solving Model (Section I.B).

As part of this program, we plan to incorporate all seven elements.

Element one of the EJCPS model calls for identification of the problem, such as environmental contamination; envisioning possible solutions; and then setting goals to achieve those solutions. Green Beverly along with other community organizations have become aware of the problem caused with the need to rely less on fossil fuels, as natural gas; the urgency to address climate change; and the increased cost to heat and cool homes. In addition, many families are still experiencing financial stress caused by the pandemic and are struggling to pay utility, rent and food expenses. We have envisioned that we need to rely less on fossil fuels, as natural gas, and need to help alleviate the economic situations faced by the low-income population in Beverly. Using electricity in lieu of natural gas is also financially less expensive. With the HPT, we have developed a strategy that identifies the actions needed to get results here : introduce populations to the HPT. In addition, there are mandates at the federal and state level to transition to heat pumps. An obstacle is the lack of knowledge and the financial burdens that many face that prevent this from happening. This is especially true for the underserved and environmental justice communities in Beverly. Green Beverly and its partners will address this problem by working with entities that serve the environmental justice community, homeowners and landlords.

Element two requires community capacity-building and leadership development. Green Beverly will establish the program leaders and management strategies during the process of the planning. Consensus building and dispute resolution will be part of our project. Prior to establishing solutions, our staff will discuss how any disputes or disagreements will be processed as described in Element 3. As stated in Element 3, it is important to understand that there may be cases where disagreements about facts or the interpretation of data may arise. We expect this acknowledgement of possibility, the project leaders can jointly choose to use an expert or team of experts to conduct fact-finding in a neutral manner.

Addressing element 4, Green Beverly comes into this project with established professional partnerships as noted in this application. However, we fully expect additional important partners will come into play as we define and refine our overarching goals and objectives. As Element 4 states, "But exactly which stakeholders come together and when/how is unique to each situation or circumstance…" As each organization takes its place in the group, there will be opportunities to see what resources they bring to the table and how those resources can be leveraged in the group.

Relevant stakeholders will provide constructive engagement to this project process, addressing element 5. The City of Beverly will be a key player in the group. Green Beverly already has an excellent relationship with the Mayor and his Sustainability Director. Currently our staff meets with the Sustainability Director every other week to review all initiatives and projects. Green Beverly is actively reaching out to form partnerships with local businesses. Without a doubt, these relationships will prove invaluable throughout this project.

Sound management and implementation will drive this initiative just as it has for our approach to the USDA grant for food on the North Shore. As element 6 states, "Action plans, which include clear objectives, timelines, organizational commitments, and delegation of responsibilities." This will entail working groups that are laser focused on the different aspects of the project.

As element 7 states, "Projects that incorporate evaluation from the very beginning are usually stronger projects, with a clearer idea of vision, goals, objectives, strategies, actions, and measures of success. Evaluation helps to clarify the project's underlying assumptions and causal relationships. In addition, evaluation can enable the participants to proactively identify opportunities and deficiencies and make adjustments as early as possible." At the very outset, Green Beverly would lead the group to conclude how best to evaluate our project progress and how often to step back and take a macro view. Ultimately the lessons learned by this group would ideally help other local groups help their town to educate/install heat pumps for their respective environmental justice community. It will be critical to document our steps, the ups and the downs of the process, to be able to document a road map for other communities.

Communication and education is key to our efforts. The first step is to bring all stakeholders together and unify on a plan to advocate for HPT. Once together, we can create solid and specific objectives to pilot our HPT initiative.

e. Project Linkages

We plan to engage local government leaders in the process as we develop this program. We plan to engage the City of Beverly DIEB Director in the planning phase. We also will involve the city throughout the project and give them our feedback and input about this program, as well as a final report. Our Director meets with the City of Beverly's Sustainability director every two weeks, and he updates our City Council every two months. Green Beverly staff has a good relationship with our state legislative leaders Senator Lovely and Representative Parasilla. We will work with their legislative aides to engage both of them in our project. One of our earliest activities will be to conduct community stakeholder meetings to get input from those involved in different municipal departments. Our meetings are well documented and the findings will be distributed to officials at the city and state level.

f. Partner and Collaborate

CBO/Non-profit
YMCA of the North Shore Housing (Letter of Commitment)- a non-profit providing in-kind support during the planning process of this pilot. The YMCA will contribute significantly to the assessment of the Target Audience and the Creation of the Outreach/Educational plan portions of the project. The YMCA will provide resources to support the project throughout the duration
.
Action, Inc. (Letter of Commitment)- a non-profit providing support during the planning process of this pilot. Action, Inc. will contribute significantly to the Assessment of the Target Audience, the Creation of the Outreach/Educational plan, the Financial Model, and the Technology Assessment portions of the project. For a small stipend, Action, Inc. will provide resources to support the project throughout the duration of the project.

Beverly Bootstraps (Letter of Commitment) a local social service nonprofit that provides client services to the underserved population. Beverly Bootstraps will provide in-kind support during the planning process of this pilot, and will contribute significantly to the Assessment of the Target Audience and the Creation of the Outreach/Educational plan portions of the project. Beverly Bootstraps will provide resources to support the project throughout the duration.

Municipal/Government
City of Beverly (Letter of Commitment) will provide in-kind support and act as an active participant during the planning process of this pilot. The City of Beverly will contribute significantly to the Assessment of the Target Audience and the creation of the Outreach/Educational plan portions of the project. The City will provide resources to support the project throughout the duration.

Beverly Housing Authority (Letter of Support) - as a quasi State Agency that maintains 650 State and Federal housing units, they are the City's largest low income housing provider providing

in-kind support during the planning process of this pilot. The Beverly Housing Authority fully supports this pilot program and will actively provide input.

Industry
Salem Plumbing (Letter of Commitment) - Beverly business providing in-kind input into the planning process. Salem Plumbing will contribute significantly to the Technology Assessment portions of the project. Salem Plumbing will provide resources to support the project throughout the duration of the project.

ecoWAVE (Letter of Commitment) - local business providing in-kind input into the planning process. ecoWAVE will contribute significantly to the Technology Assessment portion of the project. ecoWAVE will provide resources to support the project throughout the duration.

Financial
RiseUp Solar (Letter of Commitment) - local financial services outfit that will commit to providing in-kind creative financing options during the planning process of this pilot. Rise Up Solar will contribute significantly to the Financial Modeling portion of the project. Rise Up Solar will provide resources to support the project throughout the duration of the project.

2.0 Project Activities / Milestone Schedule / Budget

a. Project Activities -

The planning phase of our HPT pilot program will consume the first nine months. We will need to target our initial audience, conduct a needs assessment and engage in conversation with the specific low income communities. We will create a financial model that will include incentives for participation and create a savings sharing model with landlords. Our staff will conduct a technology review of the community and assess the types of heat pumps that will be required for this population. Our team will develop an outreach and educational plan.

Within six months of our project, we will start the educational phase of the program. We will create social and other media to disseminate information about heat pump technology and the need for it in Beverly. We plan to host education workshops and work with our community partners, as Beverly Bootstraps, to share information about our program.

The pilot phase of our HPT program will start in year 2 and will continue through year 3. We will target two residential areas in environmental justice neighborhoods of Beverly. Our staff will work with them to invest in the HPT and to replace air conditioners, heating systems, and hot water heaters with heat pump technology.

The activity headers that you'll find in our attached Workplan are as follows:
1. Create a plan to transition heating/cooling systems to heat pumps
    a. Assess target audience
    b. Assess financial model
    c. Assess technology
2. Educate tenants and their landlords on the pilot program and benefits

a. Create an Outreach and Educational plan
b. Implement/Execute the Educational Plan

3. Execute on the Pilot Program
   a. Launch Pilot Program
   b. Pre -Installation
   c. Installation
   d. Final Report/Documentation

b. Milestone Schedule -

M1 - Target Audience Identified (Month 4)
M2 - Financial Model Created (Month 6)
M3 - Technology Solutions Identified (Month 9)
M4 - Outreach Plan Created (Month 4)
M5 - Outreach Commences (Month 4)
M6 - Launch Pilot (Month 10)
M7 - 6-month Review, Assessment, and Pilot Adjustment (Month 16)
M8 - Final Report and Scalability/Replication Plan (Month 36)

WP	Task	Indicators	Year 1												Year 2												Year 3											
Objectives and Activities (Mx=Milestones)			M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	M13	M14	M15	M16	M17	M18	M19	M20	M21	M22	M23	M24	M25	M26	M27	M28	M29	M30	M31	M32	M33	M34	M35	M36
1	**Create a plan to transition heating/cooling systems to heat pumps**																																				
1.a	Assess target audience																																				
	a) Talk with partner orgs in Beverly to see what community is best	Data compiled																																			
	b) Review data for neighborhoods in Beverly to identify characteristics of neighborhoods	Data compiled																																			
	c) Meet with Community Ambassadors of EJ Communities	Data compiled																																			
	d) Use information from above for all partners to agree on community to concentrate on	Final report				M1																															
1.b	Assess financial model																																				
	a) Work with partners to understand incentives available	Data compiled																																			
	b) Work with partners to understand the general cost of products	Data compiled																																			
	c) Work with partners to create equitable financing models	Final Report						M2																													
1.c	Assess technology																																				
	a) Reach out to heat pump companies. Understand their product relative to MA temps	Data compiled																																			
	b) Research how particular products work with incentives	Data compiled									M3																										
2	**Educate tenants and their landlords on the pilot program and benefits**																																				
2.a	Create an outreach and educational plan																																				
	a) Work with Community Ambassadors to create education and outreach plan	Data compiled																																			
	b) A two pronged effort to keep reaching out and then tailor the outreach to what the community representative feels will have the best impact	Neighborhood completely canvased				M4																															
2.b	Implement/Execute the Educational Plan																																				
	a) Create modes of communication to educate owners/renters	Workshops and Mailings				M5																															
	b) Send out outreach/educational materials via priority channels	Distribution																																			
3	**Execute on the Pilot Program**																																				
3.a	Launch Pilot Program																																				
	a) Identify the owners/renters that will convert now (via coaching)	List										M6																										
	b) Identify owners/renters that can not convert now but want to be ready when the time comes. (via coaching)	List																																			
3.b	Pre-Installation																																				
	a) Coach owners/renters to put their personal product plan together	Document																M7																				
	b) Coach owners/renters to put their personal financial plan together	Document																																			
3.c	Installation																																				
	a) Acquire Quotes (minimum of 3)	Quotes																																			
	b) Installation of heat pumps/completion of weatherization	Product installed																																			
	c)Assess success of process with client - keep track of savings	Conversation and report																																			
3.d	Final Report Documentation																																				
	a) Compile report that summarizes the successful actions taken to complete education and installations, as well as the actions that did not work	Report																																			M8

c. Itemized Budget Sheet / Budget Narrative -

A complete budget narrative is submitted as an attachment.

PERSONNEL: $114,480

Senior/Key Personnel

Ms. Shelley Lee, Green Beverly Programming Director, Principal Advisor on Award, (5% / 1.80 calendar months).
Ms. Lee will serve as principal advisor for the project and will guide and oversee all work done by the Lead Project Manager. She will support outreach and partner communications, support outreach to recruit new/additional partners, participate in the development of agendas for partner planning meetings, and support meeting facilitation as needed. She will also support completion of recommendations, reports, and future implementation planning related to the project.

TBN, Lead Program Manager on Award (50% / 18.0 calendar months).
The Lead Program Manager, To Be Named, will manage all aspects of the project. He/she will coordinate all communications with the partners, manage the timeline/schedule, manage the budget, and escalate as needed. He/she will be involved in the analysis of the data, build business plans, produce recommendations/actions, and complete reports.

Ms. Julia Long, Green Beverly Community Engagement Director, (10% / 3.60 calendar months).
Ms. Long will serve as principal advisor for the project as it relates to community stakeholder outreach and engagement.

TBN, Coaches, (10% / 3.60 calendar months).
The Coaches will be engaged throughout the project to provide technical input and 1:1 coaching sessions with landlords and tenants.

TRAVEL: $0

SUPPLIES: $284

Estimated meeting supplies and printing costs for 12 quarterly planning meetings as well as other periodic meetings as needed.

CONTRACTUAL COSTS: $2,430

Bookkeeper @ $2,430

TOTAL DIRECT COSTS: $127,104

INDIRECT COSTS: $22,896

IDC Rate Agreement of 20% of Wages and Salaries.

TOTAL COSTS: $150,000

3.0 Environmental Results – Outputs, Outcomes, and Performance Measures (Logic Model)

a. Environmental Results (Logic Model)

Please see the Logic Model attached.

b. Performance Measurement Plan –

Green Beverly will use a project tracker to track overall project progress. Various tools will be used for specific activities. For example, a CRM will be used to track landlord and tenant activity and progress. Outreach efforts will be tracked through our contact database (part of SquareSpace). All engagement and planning meetings will include meeting minutes or recorded meetings if on-line.

c. Sustainability Plan and Community Vision –

The City of Beverly has a Climate Action Plan, which targets a 50% reduction in greenhouse gasses by 2030. Our Equitable Clean Air and Climate Relief Pilot addresses this problem by converting homes to HPT, which relies less on fossil fuels and is more efficient. In Beverly, the average home comprises 27% of the carbon footprint left by a household. If we can decarbonize this component (the home), it will bring us much closer to the goals set forth by the City. The intent is to scale the program to the broader environmental justice community and beyond after the pilot program. We will take our learnings from the pilot, adjust, and roll out to the broader Beverly community.

In addition to Green Beverly's progress towards reduced emissions (highlighted in section 4.0), the City has also made its own significant progress over the last several years. Our city boasts a near net-zero Police Station, numerous solar fields and parking lot canopies, electric school busses and city fleet. We also offer a curbside composting service and host numerous recycling events.

As the last task in the project is to create a final report along with a Scalability/Replication plan, the intent is for this to be available to any other communities that may want to leverage or learn from our pilot program.

4.0 Programmatic Capability

Green Beverly has the experience to successfully implement our Equitable Clean Air and Climate Relief Pilot program. We have raised awareness with climate crisis engagement and have encouraged thousands to make lifestyle changes which has resulted in reduced carbon

emissions in Beverly. During our first active year, we connected the community with free expert coaching, reduced Beverly carbon emissions by more than 5,000 mt CO2e, and grew from 0 to 2.500 followers. We engaged with more than 6,000 Beverly residents and business owners. Hosted over 20 free workshops and events and raised almost $300,000 in grants for large scale projects.

We know how to reach our environmental justice community in Beverly. Each year, we interact with over 500 residents at the farmers market and had over 2,000 in attendance at our fall pumpkin smash event. Clearly our staff knows how to take an idea, make it a program and see quality results. We remove financial barriers to participation in our community events, as we offer them free of charge. When possible, we also arrange for meals, childcare and transportation to our events. Our Farmers Market does accept SNAP for payment of purchases, and therefore provides a venue for us to interact with the members of the environmental justice communities.

Our program staff are qualified to successfully perform this pilot project. The following will be directly involved with this pilot program:

Dean Berg is involved in two fairly significant community engagements projects that approach citizen engagement from a community perspective. He integrates citizens with the local business community, local school system and city government. He utilizes a system-based approach to residential sustainability to yield the greatest impact. In addition, Dean is a landlord with experience converting multi-family buildings to hot water heat pumps and heat pumps for heating and cooling.

Shelley Lee, our Programming Director, will oversee the structure, progress, and success of the project. Shelley has an architectural background and an invaluable project management background.

Julia Long, our community engagement director, was born and raised in Ex. 6 Personal Privacy (PP). Clearly she knows the Beverly community. Her master's degree in International Public Health will be invaluable to our efforts to address health effects caused by increased temperatures.

Isis Patterson, one of our home energy coaches, has a solid relationship with the underserved in Beverly. She is on the board of Harborlight Homes, is a renter, a member of the NAACP and NSCAP Boards. She has community connections that will assist our efforts to bring this program to the environmental justice communities.

Sam Gifford is our coaching manager and a green certified real estate agent. He brings a plethora of home energy experience and his status as a landlord in Beverly connects us to a network of other local landlords.

c. Expenditure of Awarded Grant Funds, and plan for compliance with EPA's Pre-award Compliance Review for Nonprofit Organizations -

Even though we are asking less than $200,000, we are confident in our ability to comply with the EPA's Pre-award for Compliance Review. With a Capital Markets Finance professional on our board (Treasurer) and the CFO of a $12M non-profit on our board, we have implemented stringent systems and processes to manage large grants efficiently. For example, we are successfully managing a $198,000 grant from the USDA currently.

If the EPA were to request and review Green Beverly records to assess risk, you would find that we've had solid financial stability since our incorporation, solid financial management systems that can manage large grants and complex financial structures overall, a solid history of managing Federal grants as evidenced by our current USDA agreement, audit friendly records, and the ability to implement other requirements - whether statutory, regulatory or other.

5.0 Past Performance

In general, all Green Beverly agreements/projects are assigned a part-time project manager that utilizes our tools and systems to keep the projects on time, within scope, and within budget. Our tools and systems also track data throughout the duration of the project making the periodic reporting requirements simple to compile.

USDA grant for Urban Ag research. Green Beverly is 6 months into a 18 month grant and the agreement is tracking on target with our tracking system and a part-time project manager that is coordinating a 14 partner coalition.The project consists of a steering group and 4 working groups that meet monthly. As we are only 6 months into the grant, no formal reporting requirements have been required yet.

State Farm Community Assistance grant for Food Diversion. Green Beverly is 9 months into a 12 month grant and we're tracking nicely. For our Food Diversion project, we have co-project managers that both work part-time. Most of the initial targets have been achieved and the project is in the 'refinement' stage. No formal reporting requirements are required until the end of the project.

Walmart Environmental grant for Compostable Take-Out Containers. Green Beverly is 9 months into a 12 month grant and we are tracking 2 months early. We will have our initial scope completed by May 1st. We've been able to get ahead of schedule with a part-time project manager and solid tracking systems. We meet with the grant administrator (City of Beverly) monthly to provide a status update and will be writing up our final report after May 1st.
New England Biolabs Foundation grant for Food Diversion. Green Beverly completed the final agreement and reporting requirements on time (Dec. 31, 2022). We were able to successfully manage the agreement and final reporting requirements by tracking the necessary metrics throughout the project's duration and to compile the data into the final report on time.

Monarch Foundation grant for EJ Clean Electricity. Green Beverly is 18 months into a 36 month grant and has met the quarterly reporting requirements on time. By tracking the project metrics real-time, it is easy to create a quarterly report of project progress. As with all Green Beverly projects, we have a part-time project manager that is keeping the project within scope and budget.

6.0 Quality Assurance Project Plan (QAPP) Information (If applicable)

Not applicable.

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: MAY 17 2012

CLICK INC
201 SUMMIT ST
WILLIMANTIC, CT 06226

Employer Identification Number:
45-3938472
DLN:
17053107346042
Contact Person:
JOHN J KOESTER ID# 31364
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)
Accounting Period Ending:
December 31
Public Charity Status:
170(b)(1)(A)(vi)
Form 990 Required:
Yes
Effective Date of Exemption:
March 29, 2011
Contribution Deductibility:
Yes
Addendum Applies:
No

Dear Applicant:

We are pleased to inform you that upon review of your application for tax exempt status we have determined that you are exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code. Contributions to you are deductible under section 170 of the Code. You are also qualified to receive tax deductible bequests, devises, transfers or gifts under section 2055, 2106 or 2522 of the Code. Because this letter could help resolve any questions regarding your exempt status, you should keep it in your permanent records.

Organizations exempt under section 501(c)(3) of the Code are further classified as either public charities or private foundations. We determined that you are a public charity under the Code section(s) listed in the heading of this letter.

Please see enclosed Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, for some helpful information about your responsibilities as an exempt organization.

Letter 947 (DO/CG)

CLICK INC

We have sent a copy of this letter to your representative as indicated in your power of attorney.

Sincerely,



Lois G. Lerner
Director, Exempt Organizations

Enclosure: Publication 4221-PC

Letter 947 (DO/CG)

SESAME SOLAR

TURNKEY NANOGRIDS. SOLUTIONS INSIDE™

To Whom It May Concern:

I am pleased to provide this letter of support on behalf of Next Leadership Development and The Black Resilience Network, a membership community of Black organizations and leaders, supported by non-Black identifying people and organizations who work to strengthen disaster and climate resilience.

Sesame Solar is a majority woman-owned, small business with its headquarters and its plant located in Jackson, Michigan. Sesame Solar Solutions are currently deployed domestically and internationally to emergency 1st responders, governments, large corporations, military, and NGOs. Sesame Solar's mission is to decarbonize disaster response and off-grid power with our Mobile Nanogrids that can be setup by 1 person in 15 minutes, are, easy-to-use, and available anytime, anywhere. We aspire to mitigate the impacts of climate change while creating 100% renewably powered Solutions to help communities become more climate resilient, especially communities most vulnerable to the impacts of climate change.

In partnership with the Next Leadership Development, Sesame Solar aims to develop Disaster Response Solutions on the community level in order to solve large scale environmental or public health issues. Specifically, Sesame Solar will support the planning process for this program at no cost. We will partner with Next Leadership Development & the Black Resilience Network on the implementation of the national Resilience Hubs Program by collaborating on, and identifying and obtaining funding for Nanogrid deployments based on the needs identified during the planning process. Additionally, Sesame Solar will provide training on deploying and maintaining Mobile Nanogrid Solutions for local partners in Boston with Next Leadership Development. Finally, we will support other members of the Black Resilience Network Resilience Hubs Program.

This partnership is important to "to develop solutions that significantly address environmental or public health issue(s) in communities disproportionately burdened by environmental harms." (EPA 2023) Since it is the mission of Sesame Solar, Next Leadership Development, and the Black Resilience Network to make communities more climate resilient by strengthening disaster response capabilities, this partnership will not only benefit communities facing weather and other disasters, but will also advance racial justice amongst our many communities of color.

Thank you for taking the time to consider this letter of support. If after reading this letter you have any additional questions, or would like further information, please feel free to reach out to me at Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) or by email at Ex. 6 - Personal Privacy (PP)

Sincerely,

Lauren Flanagan

Lauren Flanagan
Co-Founder & CEO, Sesame Solar, Inc.
Ex. 6 - Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)

RISE UP SOLAR
Ex. 6 Personal Privacy (PP)
Cambridge, MA 02140
Ex. 6 - Personal Privacy (PP)
www.riseupsolar.com

April 14, 2023

United States Environmental Protection Agency

RE: Proposal to *The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program*

To whom it may concern:

Rise Up Solar is an enthusiastic supporter and partner in the Green Beverly proposal to *The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program* for the project titled "*Equitable Clean Air and Climate Relief Pilot*". The project period is 3 years after receipt of project award.

The purpose of this project is to design and pilot a building decarbonization model within our EJ communities. This model will involve several components ranging from landlord/tenant relationships, energy efficiency and electrification upgrades, innovative heat pump technology for efficient cooling and heating, and equitable financial models designed to save everyone money. The intent of the model is to distribute the ongoing cost savings realized from heat pump technology to the tenants and the landlords in order to incentivize change. In addition to cost savings, the tenants will benefit from more efficient cooling on the hot summer days, cleaner air quality, and comfortable heat during the winter. Landlords benefit from infrastructure updates and manageable investment returns. And, we all benefit from reduced greenhouse gas emissions!

Rise Up Solar is excited to support Green Beverly and participate in this project. While Rise Up has focused on solar projects to date, we have been looking to expand the program to include heat pumps and other clean energy technology. This work is closely aligned with our mission, and the project an excellent way to develop the expansion of our offerings. Our goal at Rise Up Solar is to enable community focused nonprofits to harness all of the environmental and economic benefits of solar and green technologies. We are philanthropic investors looking to provide nonprofits with affordable financing options for clean energy projects to which they may not typically have access. We have completed a number of solar projects in Massachusetts over the last few years, including partnerships with nonprofit groups such as Beverly Bootstraps (www.beverlybootstraps.org), Family Services of Merrimack Valley (www.fsmv.org) and the

Pine Street Inn (www.pinestreetinn.com). We have numerous relationships with developers and installers in the area, and we can help the nonprofit navigate some of the logistical challenges. With the enactment of the Inflation Reduction Act, the financing solutions are simpler than ever, and nonprofits can benefit directly from tax credit incentives. Rise Up Solar is currently focused on a direct lending model, with a flexible structure that typically allows the nonprofit to cover lending costs with tax credits and electricity savings over a ten-year period.

This letter serves to acknowledge that Rise Up Solar will serve as a Partner in the delivery of this project. As a Partner, we agree to serve as an active member and contributor to the planning portion of the project, and, if feasible, to the implementation of the pilot as well. Our role will be to contribute our experience with creative financing models to provide input and help guide the assessment, planning, and implementation activities of the project.

We look forward to participating in this project and value the important contributions this project will make to transform our Beverly EJ Community. This project will provide greater access and opportunities to develop our clean air, building decarbonization, energy bill relief, and hot day relief for both our EJ populations and their landlords. We look forward to strengthening our partnerships with the participating organizations in the region and developing collaborative project ideas and shared learning to improve our communities. I strongly encourage The United States Environmental Protection Agency to support this proposal.

Please contact either of us with any questions. Peter Glick, founder of Rise Up Solar, can be reached at Ex. 6 - Personal Privacy (PP) or by email at Ex. 6 - Personal Privacy (PP) Jared Bartok can be reached at Ex. 6 - Personal Privacy (PP) or by email at Ex. 6 - Personal Privacy (PP)

Sincerely,



Peter Glick, Founder
Ex. 6 Personal Privacy (PP)
Cambridge, MA 02140



Jared Bartok, Partner
Ex. 6 Personal Privacy (PP)
Beverly, MA 01915

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

Practitioner and academic with expertise in racial, social, climate, and environmental justice; emergency/disaster management; and organizational/policy development. Over 25 years of experience leading transformational change in local, state, and federal government, nonprofits, and businesses. Delivered hundreds of learning experiences, keynotes, and presentations in front of thousands of people internationally; led dozens of community engagement and planning processes, research projects, and implementation initiatives; and created/expanded several city departments.

Professional Highlights

Racial, Social, Climate, and Environmental Justice in Urban Resilience
Led the process of creating the first in the world citywide resilience strategy that embedded racial and social justice within climate and urban resilience efforts.

Organizational Development
Facilitated dozens of government, nonprofit, and private sector organizations in an organizational development approach to advancing racial equity/justice in DEI efforts.

Personal + Professional Development
Facilitated learning experiences for thousands of people in organizations to build knowledge and skills to advance racial justice using researched and tested approaches.

Public Health + Emergency Management + Homeland Security
Led many public health preparedness and emergency management efforts in Boston including the public health and healthcare response to the Boston Marathon Bombings. Conducted intelligence analysis at the federal level and developed policies and procedures for one of the first local fusion centers.

Education

Northeastern University, Doctor of Law and Policy [2014]
Primary Advisor: Ex. 6 Personal Privacy (PP)
Secondary: Ex. 6 Personal Privacy (PP)
Research: Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

Northeastern University, Fundamentals of E-learning Certificate [2014]

University of Connecticut, Master of Professional Studies In Homeland Security Leadership [2011]
Major Advisor, John Rollins; Associate Members, Peter Diplock, Ph.D. and Richard Paton
Thesis: Enhancing Preparedness Efforts to Meet the Diverse Needs of People in Urban Areas: An Approach to Mitigating Public Health and Safety Consequences in American Cities

Excelsior College, Bachelor of Science in Liberal Arts [2007]
Focus: Administrative Studies & Serbian/Croatian

Defense Language Institute, Associate of Arts in Serbian/Croatian [2003]

Skills

- ➔ Curriculum Development
- ➔ Adult Learning Methodologies
- ➔ Qualitative Research
- ➔ Geographic Information Systems
- ➔ Data Analysis & Visualization
- ➔ Graphic & Website Design
- ➔ Leadership & Org. Development

Professional + Research Interests

- ➔ Embedding Justice & Resilience in Emergency Management
- ➔ Advancing Climate & Environmental Justice
- ➔ Role of Oppression/Racism in Organizational Development & Employee Engagement
- ➔ Organizational Inequities as a Symptom of Systemic Policy/Organizational Problems

1.0 PROGRAM OBJECTIVES

a. Project Summary Page

Project Title	Black Resilience Hub Planning & Implementation
Project Location	City of Boston Neighborhoods & Zip Codes with the Highest Concentrations of Black Residents: Roxbury (02119), Dorchester (02121, 02122, 02124, 02125), Mattapan (02126), and Hyde Park (02136)
Applicant Information	Next Leadership Development, 120 Brookside Ave, Suite C2, Boston, MA 02130 Executive Director Dr. Atyia Martin, Ex. 6 - Personal Privacy (PP)
Description of Applicant Organization	Next Leadership Development's mission is to accelerate change and strengthen resilience in Black communities through leadership building, creating our own tables, and developing partnerships with allies. Our programmatic activities strengthen social/cultural, economic, environmental, infrastructure, and governance resilience before, during, and after emergencies and disasters. Our key ongoing activities include youth programming, emergency preparedness and response education and operations, capacity building for local mutual aid organizations, and the convening of a national coalition of Black organizations, experts, and towns focused on climate and disaster resilience.
Are you applying for the Small CBO Set Aside Track for $150,000 projects? No	
Project Abstract	Next Leadership Development's main objective for the Black Resilience Hub Planning Project is to expand the capabilities of Black communities and organizations to prepare for, respond to, and recover from climate emergencies and natural disasters, including the increases in pollution that can result from these and other disasters. According to the Federal Emergency Management Agency (FEMA), planning, organizing, equipping, training/educating, and exercising/evaluation are required to build capabilities. This project will facilitate a two-year process that will result in the following activities: • Plans Review & Gap Analysis: Collaborate with community organizations and residents to identify the disaster response and recovery gaps in emergency plans that will disproportionately burden Black communities • Government Priorities: Convene with city agencies to identify existing plans to address the gaps and coordinate opportunities for collaboration • Prioritization: Prioritize the list of gaps to determine a set of priorities for community-driven planning, organizing, equipping, and training/education to build the necessary redundancy to fill in the identified gaps • Planning: Develop a response and recovery plan for community-based organizations and partners with the appropriate community organizational structure; equip ourselves with resources; and train/educate on the plan, organizational structure, and the supporting resources to reduce the risk of pollution that can result from disasters

	• Implementation:Procure equipment and supplies; train/education partners and residents; and test our capabilities with an exercise The activities will build upon existing work and partnerships. The geographic focus will be on Roxbury, Dorchester, Mattapan, and Hyde Park with the highest concentrations of Black residents.
Project Type(s)	Training, demonstration, and public education
Special Considerations	Climate Change, Disaster Resiliency, and Emergency Preparedness
Environmental Issue	This project is cross cutting across several environmental issues that impact communities before and after disasters including: air, water, waste, and developments that use toxic materials.
Will you need to develop a QAPP for your project? Based on the criteria for this collaborative grant, we will need to develop a QAPP for the Black Resilience Hubs Project.	

List of Project Partners

Partner	Stakeholder Group
With Letters of Support	
City Councilor, At-Large, Julia Mejia	Local Government
Boston Public Health Commission Office of Public Health Preparedness	Local Government
Black Mass Coalition	Community Based Organization
Sesame Solar	Business/Industry
Without Letters of Support	
Boston Mutual Aid Project (BMAP)	Community Based Organization/Coalition
Speak for the Trees (CBO)	Community Based Organization
Morton Street Tree Coalition	Community Based Organization/Coalition
Maverick Landing Community Services	Community Based Organization

b. Environmental and Public Health information of the Underserved Community

Who is the community comprised of and what are the disproportionate environmental and/or public health issues they experience?

Next Leadership Development serves Black individuals and families, a population heavily burdened with the consequences of climate change and environmental degradation. Specifically, Black Americans are 75% more likely to live near facilities that produce environmental harms.[1] They face increased exposure to poor air quality which is why 13.4% of Black American children have asthma as compared to 7.3% of white children. Black children are also twice as likely to suffer from lead poisoning as white children.[2]

Hurricanes and other natural disasters in recent decades have tended to do the most damage in communities of color.[3] Indeed, in 2017 when Hurricane Harvey hit Texas, the neighborhood suffering the most damage was 49% nonwhite.[4] And of course, the damage caused by Katrina in 2005 was the costliest in seven neighborhoods, four of which were 75% Black.[5] This is due, in part, to the lack of greenspace in the urban areas where many Black families live. Greenspace limits the impacts of flooding and other natural disasters significantly, while concrete and other building materials make them worse.[6]

And when these events happen, they have greater impacts on the financial wellbeing of Black Americans. One study showed that while white families experiencing significant damage to their communities as a result of a natural disaster saw an increase in wealth because of generous reinvestment initiatives, Black families either saw smaller increases in wealth or overall decreases in their wealth.[7] Across the United States, Black individuals and communities are harmed more by pollution and natural disasters despite contributing to them the least.

The city of Boston is no exception. Recent studies show that historically redlined communities in the Boston area experience hotter temperatures than historically white neighborhoods.[8] Today, formerly redlined areas also have about 40% less tree cover than the once “best rated” areas,

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[1] PSCI. (2020, August 15). *Racial Disparities and Climate Change*. Princeton University https://psci.princeton.edu/tips/2020/8/15/racial-disparities-and-climate-change
[2] *Id.*
[3] Newkirk, V.R., II. (2017, June 5). *Environmental racism is the new Jim Crow*. The Atlantic https://theatlantic.com/video/index/529137/environmental-racism-is-the-new-jim-crow/
[4] Frank. (2020, June 2). *Flooding Disproportionately Harms Black Neighborhoods*. The Scientific American https://www.scientificamerican.com/article/flooding-disproportionately-harms-Black-neighborhoods/
[5] *Id.*
[6] *Id.*
[7] PSCI. (2020, August 15). *Racial Disparities and Climate Change*. Princeton University https://psci.princeton.edu/tips/2020/8/15/racial-disparities-and-climate-change
[8] Reale. (2022, July 20). *Feeling the heat in Greater Boston? Blame historic racist housing practices.* GBH https://www.wgbh.org/news/local-news/2022/07/20/feeling-the-heat-in-greater-boston-blame-historic-racist-housing-practices

likely contributing to the differences in heat index. This continues to impact Black Bostonians as almost all of Boston's present Black population live in areas deemed hazardous for lending in the 1930s.[9] Additionally, economic injustices have created higher rates of food insecurity and poverty in Black communities in Boston.[10] Black people have seen the greatest increase in food insecurity in Massachusetts across all races and groups when comparing the Greater Boston Food Bank survey data from 2020 and 2021.[11]

Moreover, racial discrimination in housing practices resulted in "white flight" to suburbs outside of Boston, which further segregated the region's communities and prompted the construction of highways, many of which were built right through predominantly Black neighborhoods. All of this means that areas where Black Bostonians live tend to be more dangerous to their health. In fact, a study conducted by researchers at Northeastern University found that communities with high rates of minority populations in Massachusetts face a cumulative exposure rate to environmentally hazardous facilities and sites that is nearly nine times greater than that for low-minority communities.[12]

EJScreen statistics and Census Data reinforce the truth of these disparities. Based on the 2021 U.S. Census Bureau Population Estimates, the city of Boston has over 650,000 residents with 23.5% of those residents identifying as Black. Roxbury, Dorchester, Mattapan, and Hyde Park are neighborhoods in Boston with the highest concentrations of Black residents. These neighborhoods have rates of asthma among adults (18 years old or older) that are above the 90th percentile.[13] They are also above the 90th percentile, as compared to the rest of the state of Massachusetts, when it comes to a number of hazard indexes like hazardous waste, diesel, air toxics, superfund sites, and lead paint.[14]

Neighborhood	Zip Code	% of Black Residents
Boston	All	22.4%
Roxbury	02119	41.4%
Dorchester	02121	65.8%
	02122	31.51%
	02124	58.5%
	02125	31.5%
Mattapan	02126	80.4%
Hyde Park	02136	43.3%

Due to projections of sea level rise and the direct flooding impacts, much of the focus of climate resilience in Boston has been on the waterfront, East Boston, and specific areas of Dorchester that directly abut the Boston Harbor. However, the flooding will not be limited to those areas of

[9] Boston Green Ribbon Commission. (2023). *Our Shared History: Using Boston's Climate Opportunities to Address Systemic Racism*.
[10] Greater Boston Food Bank. (2022, June). *Opportunities to Improve Food Equity & Access in Massachusetts*.
[11] Greater Boston Food Bank. (2022, June). *Opportunities to Improve Food Equity & Access in Massachusetts*.
[12] Faber et al. (2022, April). *Unequal Exposure to Ecological Hazards: Environmental Injustices in the Commonwealth of Massachusetts*. Environmental Justice.
[13] EJScreen Report (Version 2.11) Tract: 25025091800 MASSACHUSETTS, EPA Region 1
[14] *Id*.

Boston. There are streams and rivers that run through Roxbury, Dorchester, Mattapan, and Hyde Park that would also flood. Because much of these areas lack trees and greenspace, rising waters would not be absorbed and mitigated. And all of this would exacerbate previously discussed inequities for Black communities.

What are the environmental/public health issue(s) that the project seeks to address?

Natural disasters often aggravate chronic health conditions and further degrade environments, especially in areas where nature is sparse and pollutants are commonplace. As described above, Black and brown communities are the populations that suffer the greatest health consequences of environmental harm. This is because it is the areas they live that businesses and governments set aside to build manufacturing plants that pollute, highways that injure air and land, and commercial developments that destroy ecosystems.[15] When disaster strikes, Black communities often do not have wetlands to reduce the severity of floods and drought.[16] They are exposed to hotter temperatures when hurricanes cause power outages. And they live closer to hazardous materials, which may be released during a natural disaster.

This project seeks to increase just outcomes for Black Bostonians after climate emergencies and other disasters. It will facilitate a process and tangible outcomes that ensure Black organizations and residents understand the complexities of the climate crisis and its implications for increasing and worsening disasters in the Boston area. It will also evaluate the city of Boston's emergency plans, identify gaps in those plans relevant to the city's Black residents, and provide organizations that serve Black Bostonians with the resources necessary to respond and recover from disasters.

Given the nature of climate disasters and their impact on Black communities, resultant emergency plans will address a number of environmental and public health issues. They will involve consideration of the extreme heat overburdening Black neighborhoods in Boston. They will involve analyzing the unequal access to adequate transportation of Black Bostonians, which puts them at greater risk when oncoming weather events require evacuation.[17] They will involve factoring in the greater health needs community members have as a result of past injustices. And they will involve addressing the harms posed by the combination of a potential natural disaster and community members' close proximity to hazardous materials.

Black communities are already underserved and underestimated during steady state or non-disaster times. And they are overexposed to climate emergencies and other disasters. The post-incident poor outcomes are amplified versions of pre-existing injustices communities are facing every day. But intentional action can help us combat them.

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[15] Johnson. (2022, June). *The Demographics of Disaster*. US News https://www.usnews.com/news/health-news/articles/2022-06-22/disaster-disparities-natural-hazards-climate-change-threaten-underserved-communities

[16] Nagabhatla. (2017, May). *World Wetlands Help in Dealing with Natural Disasters*. United Nations University https://unu.edu/publications/articles/world-wetlands-and-natural-disasters.html

[17] Boston Green Ribbon Commission. (2023). *Our Shared History: Using Boston's Climate Opportunities to Address Systemic Racism*.

What are the environmental/public health results the project seeks to achieve and how will the underserved community benefit from those results?

The project seeks to achieve better health outcomes and a safer lived environment for Black Bostonians in the wake of natural disasters. It will do this by equipping CBOs serving Boston's Black communities with the resources they need to minimize environmental degradation and prevent the deterioration of Black residents' health. And it will identify what resources are necessary by educating parties involved on relevant environmental/public health issues and utilizing the insights provided by community members themselves.

Black Bostonians will benefit from having their economic, social, cultural, and health-related concerns factored into emergency planning. They will also benefit from the network of community organizations collaborating with them, rather than simply working on their behalf. Eventually, when a climate emergency does occur, they will benefit from fewer negative impacts to their health and local habitats.

Connecting CBOs, local governments, Black leadership, relevant industry professionals, and community members through this project will furthermore facilitate collaborations that increase better outcomes and improvements of present-day environmental and public health challenges. Black organizations and residents will have a much deeper understanding of the city's emergency plans because of their integral participation in the planning and implementation process. Finally, the community will benefit when the organizations that serve it are a part of emergency planning rather than an afterthought, as these are the organizations that end up picking up the slack that governments create when disasters strike.

We have a commitment from Sesame Solar Nanogrid to obtain in-kind resources to supply at least one of their units to Next Leadership Development to support Black communities. Sesame Solar Nanogrids produce renewable power quickly and easily, leveraging solar power and green hydrogen to provide mobile, reliable and renewable energy. This adds immediate and customized response capabilities for 132 gallons/500 liters of potable water per day, charging of up to 2400 cell phones or 4 - 6 homes, and a mobile space inside that can be used for a mobile emergency operations center, food and supplies deliveries, medical space (like what we used for the COVID-19 mobile vaccination), or pre and post disaster case management for residents to be support as they navigate resources.

The Sesame Solar Nanogrid capability will allow Next Leadership Development and Black community organizations to train for emergency response and to support recovery efforts in our communities. Additionally, it supports workforce development as we will be incorporating the 50 youth who attend our summer program each year to establish knowledge and skills in climate and disaster related employment opportunities.

c. The Connection between Next Leadership Development & Black Communities in Boston

Next Leadership Development has been helping Black Bostonians transition from surviving to thriving since 2003. Our work has included collaborating with community members to: [1] work collectively to meet survival or basic needs; [2] understand and address the pre-existing unjust conditions in communities and how they intersect with climate change and disaster impacts and outcomes; [3] prepare for, respond to, and recover from climate change and disaster impacts; and [4] understand the role of government and opportunities for collaboration.

When COVID-19 disproportionately killed and infected Black people in Boston starting in 2020, Next Leadership Development acted to collaborate with organizations across the country through this unprecedented health crisis. The nonprofit served as the backbone organization (based on the collective action model) of the Black Boston COVID-19 Coalition (BBCC). We managed the effort's website, social media, meetings, reports, mobile vaccination, and more. Next Leadership Development managed the BBCC testing and vaccination partnerships with existing sites and led the mobile testing and vaccination program, which resulted in over 10,000 residents being tested and vaccinated. This project contributed to the 87.1% full vaccination rate among Black Bostonians; in fact, in Boston, about 8% more Black Boston residents are fully vaccinated than white residents.[18] Moreover, Next Leadership Development has continued to play a key role in distributing COVID-19 test kits to community members through its food deliveries and wellness checks.

In 2021, in order to further support Black Bostonians' resilience and capacity to respond to emergencies, Next Leadership Development created the Boston Resilience Corps, the only community-based Community Emergency Response Team (CERT) in the city of Boston. This program trains its members on disaster medical operations, fire safety, search and rescue, as well as disaster simulation and assessment. The organization piloted this program by training 36 of its youth in FEMA CERT curriculum as a part of Next Leadership Development's Resilience Builder Summer Program. It has also trained 504 community members on less intensive emergency response programming.

In 2020 residents and partners inquired about accessing food - many households, especially isolated elders, were going hungry. We began a call campaign through our Operations Center representatives to reach out to Black elders in Boston who needed food. We worked to address this food insecurity for Black elders through a partnership with a local pantry. We stipended local residents to pick up a month's worth of food (some perishable and mostly nonperishable) from the pantry and deliver it to the homes of Black seniors.

The Black Resilience Hubs project in Boston is part of a national initiative developed by the Black Resilience Network, a coalition of historic Black towns and Black organizations from across the country. Next Leadership Development started the Black Resilience Network and acts as its backbone organization. In February 2023, we partnered with FEMA to host a Climate

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[18] *Boston COVID-19 Vaccination Report*, the City of Boston (Jan. 2, 2023) https://www.boston.gov/government/cabinets/boston-public-health-commission/covid-19-boston,

Resilience Roundtable at the White House. Black Resilience Network member organizations reframed how federal agencies understand how disasters impact Black communities and their vital role in the climate and disaster resilience ecosystem.

How the underserved community's residents and/or organizations were involved in developing the current project plan and are part of the decision-making process?

A community-driven approach is core to Next Leadership Development's programming. One of its biggest projects, the Boston Resilience Network, has 792 members. These are organizations and individuals that collaborate on initiatives and volunteer to support the needs of their fellow community members - this includes utilizing the resources and connections Next Leadership Development facilitates for themselves or their organizations. The most dedicated members of this group meet regularly to connect with one another to collaborate on initiatives.

In the same spirit of collective care and action, Next Leadership Development developed a national coalition focused on climate and disaster resilience: The Black Resilience Network. This project would be part of a national effort in several cities to develop a community-driven Resilience Hub led by and for Black people and organizations. The work of the Black Resilience Network leverages just decision-making practices to ensure capabilities and power is distributed across all members of the coalition.

Next Leadership Development's leadership team itself is made up of the population it serves. Most of the Board of Directors are life-long Boston residents. All of the board members are Black. And its Executive Director is a Black woman from Boston who is also a disabled veteran. This is why the organization values community input so much: it is made up of community members from top to bottom who remain connected and accountable to residents.

d. Environmental Justice Collaborative Problem-Solving Model

Next Leadership Development has been a part of several local coalitions and facilitated explorations of issues, vision, and strategic goal setting regarding climate and disaster resilience in Boston. Most recently, we led the Black Boston Agenda Project's Climate and Environmental Justice Working Session with community members and partners. There were significant concerns regarding the disconnected and not publicly accessible plans for the City of Boston's emergency response to climate and justice emergencies. We synthesized the notes, conducted research, and realized that this issue was not being addressed with other organizations in Black communities. We followed up with participants and confirmed that they would be willing to partner on this project. Therefore, some parts of element one of the CPS model will not be a part of this project. We will be finalizing strategic goal setting with this project.

This project will require Next Leadership Development and all partners to go through the remaining elements of the CPS model - from Community Capacity-Building & Leadership Development to Evaluation, Lessons Learned & Replication of Best Practices. This project is

aligned with this approach because we practice an integrated approach that includes the public health approach, the Homeland Security Exercise and Evaluation Program, and the FEMA Continuous Improvement Process. These approaches all align with the CPS model.

e. Project Linkages

This project will promote Environmental Justice and Civil Rights at the local level. Civil Rights are those privileges guaranteed by the United States Constitution and include equal protection under the law. Equal protection prevents any government entity from treating similarly situated individuals differently, especially when the only difference between said individuals is their race. Unfortunately, as this application lays out, Black residents in Boston have been treated differently throughout history, resulting in dramatic disinvestments and extraction of economic, social, environmental, infrastructure, and governance health. This project therefore steps in to help mitigate problems when a local government provides a one-size fits all solution to a problem–in an effort to treat all people equally–without taking into account historical context or data-drive approaches that demand customization of approaches and support.

f. Partner and Collaborate

The partners that Next Leadership Development has obtained confirmed and preliminary commitment for this project is amazing. We are grateful for the opportunity to facilitate collaborative efforts across stakeholder groups and with community members too.

Next Leadership Development is committed to following all of the guidelines and requirements regarding partners as set forth by the Environmental Protection Agency (EPA). We understand that in order to obtain EPA approval our guidelines must include a requirement for a written agreement between the recipient, subrecipient, or contractor and the program beneficiary that:

1. Describes the activities that will be supported by rebates, subsidies, or other payments;
2. Specifies the amount of the rebate, subsidy or payment;
3. Identifies which party will have title to equipment (if any) purchased with a rebate or subsidy;
4. Establishes source documentation requirements (e.g. invoices) for accounting records; and,
5. Describes purchasing controls (e.g. price comparison requirements, negotiated volume discounts) to ensure that the amount of the rebate, subsidy, or payment is determined in a commercially reasonable manner as required by 2 CFR 200.404.

Black Mass Coalition [Community Based Organization]

The Black Mass Coalition will support this project by convening Black organizations and residents to bring their expertise to this initiative. They possess a network of Black and indigenous-led organizations, including: Black Economic Council of Massachusetts, Boston Ujima Project, City Life/Vida Urbana, Families for Justice as Healing, King Boston, North American Indian Center of Boston, Young Abolitionists, and Next Leadership Development. Their mission is to strengthen the socio-economic wellbeing of Black & Indigenous communities

while shifting the narrative and power to them in Massachusetts. This project supports their mission directly by both empowering Black community members to make decisions on issues that affect them and by seeking to mitigate environmental injustices that impact the socio-economic wellbeing of Boston's Black community. The Black Mass Coalition is a nonprofit organization; their participation therefore complies with 2 CFR Part 200 because they will simply be compensated for their actual direct and approved indirect costs such that they will not "profit" from the transaction.

Sesame Solar [Business]
By collaborating on, identifying, and obtaining funding for Nanogrid deployments based on the needs identified during the planning process, and by providing training on deploying and maintaining Mobile Nanogrid Solutions for local partners in Boston with Next Leadership Development. Sesame Solar is a provider of Mobile Nanogrids that help to minimize the climate impacts of disaster response and off-grid power. Their mission is to decarbonize disaster response, mitigate the impacts of climate change, and create 100% renewably powered energy solutions. By partnering with Next Leadership Development on this project, they can support their mission by providing the CBOs and the local Boston government insights into ways emergency response plans can minimize their impact on the climate. Next Leadership Development and the Black Resilience Network will continue to engage Sesame Solar for similar projects since their product and in-kind support are invaluable. Sesame Solar will only be providing in-kind support.

Citywide/At-Large City Councilor [Government]
City Councilor Julia Mejia has committed to convening city agencies to support this initiative. Her role in city government means she can contribute her expertise in legislative governance as well as her connections to city agencies. Her office is so passionate about this work, that she has committed to supporting this regardless of the results of her election. But her vested interest is in supporting the environmental resilience of her constituents. The support from Councilor Mejia is in-kind support.

Boston Public Health Commission [Government]
The Boston Public Health Commission's Office of Public Health Preparedness has committed to convening city departments, public health, and healthcare partners to identify their current priorities in their climate and disaster plans that address the disproportionate burden on Black communities. The Commission's mission is to promote public service and access to quality health care. They are dedicated to protecting, preserving, and promoting the health and well-being of all Boston residents. The agency therefore has a vested interest in supporting this project which promises to improve health outcomes for Black Bostonians. The Commission's support will be in-kind.

2.0 Project Activities / Milestone Schedule / Detailed

Project Management

Next Leadership Development has extensive experience with complex project management that we will bring to this project. We will begin with the PI developing the Quality Assurance Project Plan Development Tool (QAPP). Once we have an approved QAPP, we will finalize project management planning to ensure a clear work breakdown schedule of tasks and milestones with roles, responsibilities, and timelines. We will onboard a dedicated project manager and core team, including our partners, to review everyone's commitment for this grant, outreach to partners to confirm capacity, agreement on decision-making processes, and confirm a meeting schedule. During this part of the process, we will finalize the planning for our kickoff meeting with the broader partnership group. During the full kickoff meeting with partners, we will strengthen relationships, review and confirm the work plan, agree upon a meeting schedule, and identify additional partners.

Plans Review & Gap Analysis

In collaboration with our partners, Next Leadership development will identify and obtain City of Boston plans to review. These plans will include the emergency operations plan, public health preparedness plans, the hazard mitigation plan, and any recovery plans). While that process is in progress, we will conduct a literature review, including gray literature or non peer-reviewed papers/reports. We will specifically be identifying any patterns of how climate and emergency plans reinforce inequities in Black communities as well as strengths-based, community led efforts for equity and justice in climate action and disaster plans.

Once the City of Boston plans are received, we will review them to identify the ways that they may reinforce inequities in Black communities based on the literature review. What we learn from the literature review and the City of Boston plans will provide the foundation for developing community workshops to learn from CBO partners and community members about concerns or questions they may have. We will write a report that summarizes the existing literature, Boston plans, and community concerns and ideas for the future. This report will inform the convening of government agencies and other stakeholders.

Government & Stakeholder Priorities

Next Leadership Development will host a convening with city agencies, public health, healthcare partners, and community organizations in collaboration with the Boston Public Health Commission Office of Public Health Preparedness, the Office of At-Large City Councilor Julia Mejia, and the Black Mass Coalition. The purpose of the convening will be to: [1] determine specific actions or changes that city agencies and other stakeholders are taking to address the identified gaps in city plans; and [2] ways city agencies and stakeholders are willing to partner with CBOs in emergency response and recovery.

Prioritization

Next Leadership Development will reconcile the list of priorities from CBOs, residents, government, and other partners to identify the key concerns we need to integrate into our community response and recovery plans that will be facilitated by five designated CBOs in Roxbury, Dorchester, Mattapan, and Hyde Park (there will be two in Dorchester due to the geographic and population size).

The core team will design and schedule outreach and workshops to engage with CBOs and residents to prioritize the reconciled list of priorities with a focus on the ones that do not align with existing government and private sector priorities. Once we have confirmed the design, schedule, roles, and responsibilities with CBO partners, we will host a convening with community members to prioritize the list of community actions for response and recovery preparedness that incorporates climate and pollution mitigation and adaptation, addresses food insecurity, and pipeline/workforce development.

Planning
Once we have finalized priorities, Next Leadership Development will use that information to develop a Concept of Operations (ConOps) for community response and recovery coordination of information and resources in Black communities. With five sites/organizations being designated as Resilience Hubs, they will need back up power capabilities and radio communications to reach each other and our Community Communications Center. This backup power and communications capability will help Next Leadership Development activate and facilitate a coordinated response and recovery that supports residents in navigating available resources. We will develop a training for the partner CBOs on the ConOps, using the resources, and response and recovery skills needed based on analysis.

Implementation & Proof of Concept
Next Leadership Development will deliver the Concept of Operations & Equipment Training. This is where our partnership with Sesame Solar is critical - we will be integrating a nanogrid with hydrogen and solar powered energy and potable water generation for community members. The nanogrid will also enhance our mobile emergency operations center capabilities for preparedness, response, and recovery. Once we have trained on the ConOps, equipment, and nanogrid, we will have a community convening where we will practice implementing our plans and deploying our resources with community members. This will allow us to identify any opportunities for improvement and future equipment and training needs beyond the ones we have identified.

Final Report & Closeout
We will prepare a final report with process, lessons learned, promising practices, and next steps to share with EPA, partner CBOs, residents, government and private sector stakeholders, and the Black Resilience Network (national coalition).

b. Milestone Schedule

Project Activity	Products/Results	Timeline
Project Management	Project management planning - onboarding time for project manager and core team to review commitment for this grant; outreach to partners to confirm capacity; develop processes and meetings schedule proposals for the partners to review and adjust; and finalize planning for kickoff meeting	November - December 2023

Project Activity	Products/Results	Timeline
	The PI will coordinate the Quality Assurance Project Plan Development Tool (QAPP) and include the cost for developing your QAPP in your Detailed Budget.	
	Kickoff meeting with partners to strengthen relationships, review and confirm the work plan, agree upon a meeting schedule, and identify additional partners.	January 2024
Plans Review & Gap Analysis	Identify and obtain City of Boston plans to review (will include the emergency operations plan, public health preparedness plans, hazard mitigation plan, and any recovery plans).	January - March 2024
	Reviews existing literature (including gray literature) analyzing patterns of how climate action and emergency plans reinforce inequities	February - March 2024
	Review City of Boston plans	April - May 2024
	Conduct outreach and workshops to learn from CBO partners and community members on additional concerns or questions they may have	June - August 2024
	Document the disaster preparedness, response, and recovery gaps to prepare for convening	September - October 2024
Government Priorities	Host convening with City Agencies, partners, and community members to determine: • List of actions the City of Boston will take to address the identified gaps • Ways the City of Boston is willing to partner with CBOs	October 2024
Prioritization	Reconcile the list of priorities from CBOs, residents, government, and other partners	November 2024
	Design and schedule outreach and workshops to engage with CBOs, residents, and partners to prioritize the reconciled list of priorities with a focus on the ones that do not align with existing government and private sector priorities.	November - December 2024
	Confirm the design, schedule, roles, and responsibilities with CBO partners	January - February 2025
	Engage with partners and community members to prioritize the list of community actions for response and recovery preparedness that incorporates climate action, addresses food insecurity, and pipeline/workforce development.	March - May 2025
Planning	Development of a Concept of Operations (ConOps) for community response and recovery coordination of information and resources in Black communities.	June 2025

Project Activity	Products/Results	Timeline
	Identification of knowledge/skills, equipment, tools, technology, and other resources that we already have and what we would need to purchase to address priorities.	June 2025
	Development of a training plan for the ConOps, using the resources, and response and recovery skills needed based on analysis.	July 2025
Implementation & Proof of Concept	Purchase of identified equipment, supplies, technology or other resources	August 2025
	Delivery of Concept of Operations & Equipment Training	August - September 2025
	Host a community exercise to test our new plans, organizational structure, and training.	October 2025
Final Report & Closeout	Final report with process, lessons learned, promising practices, and next steps to share with EPA, partner CBOs, residents, government and private sector stakeholders, and the Black Resilience Network (national coalition).	November 2025

c. Itemized Budget Sheet / Budget Narrative

This has been submitted as an attachment to our Grants.gov application.

3.0 Environmental Results – Outputs, Outcomes, and Performance Measures (Logic Model)

a. Environmental Results (Logic Model)

This has been submitted as an attachment to our Grants.gov application.

b. Performance Measurement Plan

Throughout the performance period Next Leadership Development and its partners will track the success of the project both quantitatively and qualitatively. At all meetings, the group will take note of the number of community members, CBOs, Black leaders, government representatives, and commercial entities in attendance. This will allow it to ensure that a diverse group of minds are working at improving Boston's emergency response plan. It will also keep track of the number of gaps identified in the plan as well as how many gaps the group is able to ultimately address. Because this project involves the prioritization of gaps, the effort's collaborators will be able to assess performance by noting which gaps are closed. Moreover, to better understand the impact the project is having, the group will give meeting attendees opportunities to provide feedback. Having collaborators provide feedback throughout the performance period will give project leaders the opportunity to update their processes before continuing their work so that performance is constantly improving.

c. Sustainability Plan and Community Vision

Next Leadership Development will use the results and momentum of this project to strengthen the relationships necessary to ensure the revised emergency plans are properly rolled out. It will solidify these connections by continuing to collaborate with other CBOs on climate and disaster response initiatives, including through its ongoing programs with the Resilience Builder Summer Program and the Boston Resilience Corps.

All of our partners have a vested interest in sustaining the project's momentum as they are the entities that often have to shift priorities and resources when emergencies harm the communities we serve. Next Leadership Development therefore anticipates that they will continue to collaborate with us, so they know they will have both the supplies and capital they need when they are inevitably called to respond to a climate or health disaster.

Moreover, Next Leadership Development plans to use the activities and results of this project and the Black Resilience Network to establish similar initiatives in Black communities across the United States. The Black Resilience Hub Planning & Implementation will provide a blueprint to other identified cities and towns as to how to engage the proper stakeholders and thereby promote the resilience of Black individuals and families in climate and health emergencies. The disproportionate impacts of natural disasters are not only being borne by Black Bostonians, but by Black people across the country. So, Next Leadership Development will use lessons from this project to support them as well.

4.0 Programmatic Capability

a. Organizational Experience

Next Leadership Development's mission is centered on strengthening resilience in Black communities. Most recently through the Black Resilience Network, we have supported the response and recovery efforts for the Mississippi tornado from April 24th and 25th. We coordinated information and resources to address unmet needs in Black communities. We documented this information, needs, resources, and actions for situational awareness, also referred to in the emergency management discipline as a common operating picture, through our Black Resilience Network Operations Center Situation Report.

In addition to our national work, we coordinated information and response to COVID-19 for 18-months through the coalition, Black Boston COVID-19 Coalition. We led the advocacy and collaboration with elected officials, healthcare providers, community organizations, and academia to address the unmet needs in Black communities within the city of Boston.

Over the past 20 years, Next Leadership Development has built the infrastructure to successfully execute a project like this. We officially received our 501(c)3 designation 7 years

ago which has accelerated our efforts. We developed the Community Communications Center, which has a dedicated group of representatives and a manager that ensures the highest quality customer service for the phone calls, text messages, and webchats they receive from community members. The Community Communications Center Ex. 6 - Personal Privacy (PP) is also our infrastructure for emergencies at the national level where they support the Black Resilience Network Operations Center (844-OPS-CNTR) as our centralized information coordination and support infrastructure.

We have worked with community members and partners organizing to address the basic needs and questions they have on a regular basis. This familiarity helps us to organize and convene for ongoing climate and disaster injustices as well as during emergency situations.

b. Staff Experience / Qualifications of Project Manager (PM)

Dr. Atyia Martin is the Executive Director of Next Leadership Development. She was appointed by Mayor Martin J. Walsh as the Chief Resilience Officer for the City of Boston. In that role, she led the development and implementation of Boston's resilience strategy which was the first one in the 100 Resilient Cities network to make racial equity, social justice, and social cohesion a priority. She engaged over 11,000 people across government, community, businesses, and nonprofits to develop Resilient Boston: An Equitable, Connected City. She has also been an adjunct faculty member at Northeastern University in the Master of Homeland Security program. Previously, Dr. Martin was the Director of the Office of Public Health Preparedness at the Boston Public Health Commission. There, she was responsible for coordinating public health, healthcare, and community health preparedness; emergency management coordination among the public health and healthcare system via the Stephen M. Lawlor Medical Intelligence Center; psychological trauma response coordination; and education and training through the DelValle Institute for Emergency Preparedness.

Dr. Martin provides professional and personal development to the Next Leadership Development team to ensure they have the knowledge, skills, and tools necessary to successfully design and implement climate and disaster resilience related initiatives. Additionally, her time transforming the DelValle Institute for Emergency Preparedness, a nationally recognized training institute, and teaching related courses at Northeastern University puts her in a unique position to develop curriculum and learning experiences that are aligned with best practices in youth and adult learning methodologies, measuring impact, and creating supporting learning environments. Team members receive intensive onboarding, training, and real-world experience to establish a solid foundation for success. They also gain experiences in initiatives and programs outside of their assignment to fully understand the organization and the way their work contributes to a bigger picture.

Dr. Martin is both the founder and the Executive Director of Next Leadership Development, and she was born and raised in Boston, Massachusetts. As a disabled, Black woman and veteran, she identifies with much of the population Next Leadership Development serves. Dr. Martin and her husband, Roy Martin, co-founded Next Leadership Development in 2003. They did so

because they had witnessed hundreds of Black people in Boston trying to build a better life for themselves but stumbling in their journeys, not because they were not smart enough, committed enough, or talented enough, but because they did not have access to key information and resources. Using a mutual aid/collective care approach, they organized other Black people to help address unmet needs that prevented people from taking advantage of opportunities that they created for themselves. The types of resources and support are what many people may take for granted - for example money for transportation, a uniform, or work attire for a new job they earned.

Dr. Martin is not the only knowledgeable person on the team. Much of our work is a collective effort and all of the members of Team Next Leadership Development have been a vital part of the initiatives and responses outlined in this application.

c. Expenditure of Awarded Grant Funds

Next Leadership Development almost every required approach, procedure, and control for ensuring that the awarded grants funds will be expended in a timely, efficient, and effective manner. The only missing component is an audit, which we are preparing for with our accounting firm and in the process of seeking an external auditor to conduct the assessment. We are committed to meeting that requirement well before November 1, 2023. We will have our completed EPA Form 6600-09 submitted upon being awarded funding.

5.0 Past Performance

Grant/Assistance Agreement	Agreement Completion	Reporting Requirements
1. Shlomo Fund: Boston Mutual Aid Project Symposium	Convened mutual aid/community care organizations in Greater Boston to expand operational capacity and learn about emergency management resources from BPHC Office of Public Health Preparedness & FEMA HQ - Center for Faith Based & Neighborhood Partnerships. Completed all agreed upon commitments and deliverables. We currently have two additional agreements/grants from this funder. This includes on for the Boston Mutual Aid Project in collaboration with City Councilor Julia Mejia	All reporting requirements were met as specified by the funder.
2. MA Department of Public Health/ Health Resources in Action	Had two separate agreements for COVID-19 response, vaccination, testing, and education with all commitments and deliverables completed as documented in the contract.	All final project and financial reports were submitted as requested.

3. Barr Foundation via Black Boston COVID-19 Coalition	Contributed to funding for our mobile vaccination program to lease a retrofitted vehicle, partner with healthcare organizations, and cover the logistical and supply costs. All commitments and deliverables were completed as requested by the funder.	All project and financial reporting requirements were met.

6.0 Quality Assurance Project Plan (QAPP) Information

Yes, we will be collecting and compiling environmental information from computerized databases and information systems. We'll use these data to educate our collaborators on the facts backgrounding the environmental justice movement, so that they can combine this information with their lived experiences to make informed decisions about how to properly approach emergency response.

BOSTON PUBLIC HEALTH COMMISSION

OFFICE OF PUBLIC HEALTH PREPAREDNESS

April 14, 2023

Dear Next Leadership Development,

I am writing to express the strong support of the Boston Public Health Commission's Office of Public Health Preparedness for Next Leadership Development's Resilience Hub Project for the EPA Environmental Justice Collaborative Agreement.

Disasters disproportionately impact Black communities and other priority populations. It is essential that we prepare for the increase in the number and intensity of these events while addressing the environmental and social injustices that create this inequity. The Resilience Hub Project will focus on just that, incorporating environmental justice and climate change issues into the planning and implementation.

We are excited to partner with Next Leadership Development on this project. We are committed to supporting the convening of city departments, public health, and healthcare partners to identify their current priorities in their climate and disaster plans that address the disproportionate burden on Black communities. We are particularly looking forward to identifying ways we can continue to strengthen resilience through capacity building and collaboration with community partners and residents.

We believe that this project will be an important step in ensuring that our communities are prepared for the threats to public health that lie ahead. Thank you for the opportunity to partner on this critical issue.

Sincerely,



Stacey Kokaram
Office of Public Health Preparedness
Boston Public Health Commission

Environmental Protection Agency (EPA)
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Request for Proposals (RFP)
EPA-R-OEJECR-OCS-23-01

SECTION A: Project Summary

1.0 Project Title: Implementing Systemic Change through Urban Forestry Projects within Under-served School Districts

2.0 Applicant Information:

One Tree Planted Inc.
145 PINE HAVEN SHORES RD
SHELBURNE, VT, 05482-7703
Ex. 6 - Personal Privacy (PP)
hello@onetreeplanted.org

Rosa Rivera
145 PINE HAVEN SHORES RD
SHELBURNE, VT, 05482-7703
Ex. 6 - Personal Privacy (PP)
rosa@onetreeplanted.org

3.0 Project Location(s)

1-Aiken Elementary School - 6290 Southmost Road, Brownsville Tx 78521
2-Besteiro Middle School - 6280 Southmost Road, Brownsville Tx 78521
3-Egly Elementary School - 445 Land O'Lakes, Brownsville Tx 78521
4-Manzano Middle School - 2580 W. Alton Gloor Blvd., Brownsville Tx 78520
5-Keller Elementary School - 2540 W. Alton Gloor, Brownsville Tx 78520
6-Brite Elementary School - Be450 S. Browne Avenue, Brownsville Tx 78521
7-Putegnat Elementary School - 730 E. 8th Street, Brownsville Tx 78520
8-Paredes Elementary School - 3700 Heritage Trail, Brownsville Tx 78521
9-Hudson Elementary School - 2980 FM 802, Brownsville Tx 78521
10-Gonzalez Elementary School - 4350 Jaime Zapata Avenue, Brownsville Tx 78521
11 - Further sites in 2 other cities to be determined, pending grant funding.

4.0 Brief Description of Applicant Organization

Since One Tree Planted's establishment, the organization has been dedicated to making it easier for both individuals and businesses to give back to the environment, create a healthier climate, protect biodiversity, and help reforestation efforts. Projects are not exclusive to public lands, with many taking place on private lands and urban areas. During 2022, 52,793,657 trees were planted through 327 projects in 74 countries around the world, a result of working with partners across 80+ countries in North America, Latin America, Africa, Asia, Europe and the Pacific.

5.0 Are you applying for the Small CBO Set Aside Track for $150,000 projects? No

6.0 Project Abstract

One Tree Planted is launching a new initiative focusing on collaborating with local partners to address environmental justice issues in underserved schools, targeting under-resourced, disadvantaged districts in three US cities to improve equitable access to the benefits of urban trees. The project will provide an opportunity for local hands-on participation in urban tree planting projects while addressing inequalities and the need for trees to be planted equitably across urban school areas that have been classified as disadvantaged using the Council on Environmental Quality's Climate & Economic Justice Screening Tool and American Forests' Tree Equity Scores tool. By working collaboratively with on-the-ground partners, we seek to create long-lasting systemic change that reduces the urban heat island effect and help schools achieve tree equity in their communities.

One of the three pilot projects has been fully planned in collaboration with various partners in the City of Brownsville, Texas. Over 600 trees native to deep South Texas will be planted, with plans in place to plant trees at every Brownsville Independent School District facility. This 2023 pilot project will address environmental justice and tree equity throughout Brownsville, while also serving as a model for the remaining two projects that will be engaged & collaboratively implemented in 2024-2026.

The pilot project is part of a larger effort to implement long-term systemic change within urban school systems providing environmental education, improving water and air quality, reducing urban heat islands, and improving students' general well-being.

7.0 Project Type(s): Urban Forestry

8.0 List of Project Partners:

One Tree Planted and its partners will be planting trees in each of Brownsville's public schools. The schools are as follows (associated with Brownsville Independent School District, local government):

1-Aiken Elementary School
2-Besteiro Middle School
3-Egly Elementary School
4-Manzano Middle School
5-Keller Elementary School
6-Brite Elementary School
7-Putegnat Elementary School
8-Paredes Elementary School
9-Hudson Elementary School
10-Gonzalez Elementary School

Other planting partners for the Brownsville pilot include: City and Community Foresters (local government), Campus Administrators (local government), School District Maintenance Supervisor (local

government), Campus Custodial Supervisors (local government), the Public Information Officer (local government), and the Recycling Department Administrator (local government).

Should One Tree Planted be awarded the requested $500,000, which allows us to develop and implement two other pilot projects in different cities, we can make available the list of partners, as well as their letters of support, as the projects develop.

SECTION B: Environmental and Public Health information of the Underserved Community

1.0 Harms and Risks to Selected Underserved Community(ies)

Using the best available science provided by the Council on Environmental Quality's Climate & Economic Justice Screening Tool and American Forests, One Tree Planted has identified one of three US cities whose school district is in the greatest need of trees. The tool used to identify pilot cities, known as Tree Equity Scores, prioritizes planting trees in neighborhoods with a lack of tree canopy, as well as other priority indicators including: % of people of color; % of people in poverty; urban heat; % of people unemployed; health & wellness ratings; and % of children and seniors. Low scores on this tool represent communities in greatest need.

Brownsville, Texas, the host of our first of three pilots in urban school districts, is a city located in the southernmost part of the state, along the US-Mexico border. According to the U.S. Census Bureau, as of 2020, the estimated population of Brownsville is 182,913, and the median age is 30.9 years. The city is predominantly Hispanic or Latino, with that group comprising 96.1% of the population. The remaining population is composed of non-Hispanic whites (2.8%), Black or African American (0.7%), and other races (0.4%). During the 2020-2021 school year, BISD served 40,737 students, of which 69.9% were considered at risk of dropping out. Furthermore, 89.2% of the students were defined as “economically disadvantaged”.

Due to the nature of the Texas landscape and urban development, there is little to no tree canopy to be found on the grounds of many of Brownsville’s schools, creating the need to plant trees. Students who do not take recess under covered areas, such as a gymnasium, are subject to high temperatures, which can lead to dehydration, heat stroke, lethargy, among other issues, which are difficult for faculty to track and mitigate in a school setting.

2.0 Environmental & Public Health Issues Addressed

Most campuses within Brownsville ISD (BISD) are community schools. As such, BISD has a department solely dedicated to keep our parents and/or legal guardians involved in the education of their children. Each campus, including the ten campuses selected to receive trees, meet periodically to work with the campus administration and teachers to support and improve their children’s learning environment.

Unfortunately, various studies have shown that Brownsville has been ranked among the poorest cities in the country with generational poverty and with high levels of chronic illness. Furthermore, the 2018 EnviroAtlas Report, states "an estimated 80% of the Brownsville area population live beyond the easy walking distance of a park entrance". Planting trees in the school premises will provide access to all students, including those who do not have an easy walking distance to a park.

In the recent months, parents have expressed their concerns regarding the need to implement recess as part of the school day. Recess affords students time for recreational physical activity and socialization with their peers. Only 30% of Texas students between the ages of 6 and 17 engage in little more than 20 minutes of physical activity per day, well below the recommended 60 minutes per day. The Center for Public Education's recess investigation also revealed that children in high-minority, high poverty, or urban schools are far more likely than other children to not receive recess at all. First grade students enrolled in schools with a minority enrollment of at least 50% have no allotted time for recess in the schedule, along with schools with a poverty rate of over 75% and schools located in urban environments. The need for shaded recreational areas has been noted as one of the easiest and most sustainable solutions for providing students with grounds that will motivate them to be active during the school day while avoiding the health risks that come with direct exposure to high temperatures.

It is evident through aerial views that most public schools do not have the tree canopy coverage needed to provide students with shaded recreational areas. Unfortunately, no funds are currently allocated to purchase trees; however, Brownsville ISD has agreed to collaborate with One Tree Planted and provide the manpower to plant and maintain the trees and the curriculum to teach the students to become environmental stewards.

3.0 Environmental & Public Health Results and Benefits

One Tree Planted's urban school planting project will address environmental justice and tree equity amongst three pilot cities' school districts, beginning with furthering our pre-existing collaboration with the City of Brownsville to plant trees throughout the city's public schools. The information gathered regarding environmental and public health pertains to Brownsville; similar information will be reviewed and logged on the remaining 2 pilot cities once they are selected

a. Health of Public School Students

According to a study conducted by WalletHub on the "2020 Healthiest and Unhealthiest Cities in America," Brownsville ranked as the unhealthiest city in America out of the 174 cities selected and studied. The study highlights that "green spaces and the quality of parks" are among the 43 key indicators of good health. Unfortunately, Brownsville has few green spaces, especially within the city's schools, as most common areas are barren and uncovered. This lack of green spaces directly impacts students' desire to be outdoors and active, which has adverse effects on their physical and mental health. However, planting trees in the public schools in Brownsville can change this by providing students with access to a safe and inviting space to play and exercise, as well as an area to focus on

their mental health.

In light of these issues, planting trees in public schools in Brownsville can provide a healthy and safe space for students to engage in physical activity and improve their overall health, both physically and mentally.

Source: 2 South Texas Border Cities Rated Unhealthiest in US, Study Finds, 2018 EnviroAtlas Report, TX Reclaim Recess

b. Biodiversity

Aerial views of Brownsville public schools indicate a severe lack of tree canopy coverage. The removal of pre-existing trees during school construction has resulted in a significant reduction in the number of trees in the area. However, planting trees in public schools in Brownsville can help increase the local biodiversity. In addition to providing shaded areas for students to be active, new trees create habitats for birds, butterflies, bees, and other insects, which can contribute to a healthier local ecosystem. According to The Spruce, more than 590 bird species have been recorded in Texas throughout the seasons. Brownsville is a crucial stopover point for birds that are migrating from North to South America, and many species cannot be viewed easily elsewhere in the state. Planting trees in public schools can help to reestablish and reinforce habitats within the area, providing local and transient wildlife with a stronger foothold in the region. This, in turn, can contribute to increased biodiversity in Brownsville.

Furthermore, reestablishing habitats within the schools can allow students to experience local wildlife and ecosystems with ease, developing an appreciation for the outdoors. This can play a crucial role in fostering a sense of environmental stewardship in the next generation, which can lead to future efforts to protect local ecosystems.

Planting trees in public schools in Brownsville can help increase the local biodiversity by creating habitats for birds, butterflies, bees, and other insects. This, in turn, can contribute to a healthier local ecosystem and foster an appreciation for the outdoors in students.

Source: South Texas Birding Overview

c. Youth

An estimated 24.7% of the Brownsville metro area population live below the poverty line, compared to 12.8% of all Americans nationwide - a higher-than-average poverty rate. Only 24.2% of Brownsville public school students complete 4 years of high school or pass the GED, with a drop-out rate of 32%. Across broad populations, incomes tend to rise with educational attainment, though only 20.6% of adults 25 and older have a bachelor's degree or higher, compared to 35.0% of all Americans in the same age group. Over a third of those who attain a bachelor's degree or higher choose to study the field of Education and work in Brownsville schools or educational institutions.

The Brownsville Independent School District, with the financial support of One Tree Planted, has the opportunity to inspire and engage students to learn first hand on the positive effects of planting trees within their community. Planting trees can help public school students stay in school by providing a better learning environment. According to the Texas Trees Foundation, trees provide fun and engaging outdoor experiential learning areas, as well as recreational areas, that are preferred over classrooms, both by teachers and students.

These spaces cultivate student's knowledge and awareness of nature, which can lead to improved academic performance and attendance rates. Additionally, a study by The Nature Conservancy shows that spending time in nature can lead to a drop in anxiety and depression, which can also improve academic performance and attendance rates.

One Tree Planted understands that young people have immense potential to contribute to conservation and landscape restoration. Schools provide excellent opportunities to engage and enthuse young people about environmental restoration. For youth to actively champion conservation we need to improve their knowledge, attitude, skills, and practices. It is also important to build a critical mass of empowered and inspired youth networks to advocate for conservation. It is on this basis that One Tree Planted wants to build the capacity of the youth by encouraging their participation in the planting events. Students will learn how to properly plant and take care of trees through their guided science lessons, encouraging a personal stake in the grounds they will benefit from, the beautification of their schools, and inspiring an investment in their community and their own personal well-being.

Source: Brownsville, TX Ranks as One of the Poorest Big Cities in the Country, Texas Trees Foundation, Town Charts - Brownsville Education Data

The planting project allows the collaborating school districts to inspire and engage students to learn first hand on the positive effects of planting trees within their community. As projected in the Brownsville pilot, One Tree Planted's urban planting will also beautify the school communities and build habitats for birds, butterflies and other local wildlife, building new ecosystems that young students can find healthy ways to interact within. We will strive to obtain the same results within 2 more pilot cities in order to demonstrate the effectiveness of thriving green spaces within urban school environments.

SECTION C: Organization's Historical Connection to Underserved Community

1.0 History of Involvement with the Underserved Community

One Tree Planted seeks to turn long-term community plans into action. In 2022, One Tree Planted supported the planting of 140 trees at 7 schools in Brownsville, Texas, on the US-Mexico border. This project began in October 2021 as the City of Brownsville's Beautification Committee, in collaboration with the Brownsville Independent School District, initiated discussions with One Tree Planted around the possibility of being able to

manage a project that would allow us to plant trees in schools with low tree equity scores. Project funding was to be provided through a grant by One Tree Planted and Salesforce.

One Tree Planted was notified of the approval of the proposal in November 2021. A meeting was held with One Tree Planted and representatives of the City of Brownsville to go over the agreement, which was also signed by the City Manager on the same date. Because the tree planting season in the proposed area spans from late October through to December, all stakeholders began to meet during July 2022 to start detailed planning. In partnership with the local school district, One Tree Planted once again has the opportunity to plant trees with the city, focusing on planting in each of Brownsville's public schools, from 2023-25.

2.0 Results of Work Within Underserved Community

To thoroughly plan the project processes and determine the best location for the trees as well as the best native tree species for each school, multiple virtual and in-person meetings were held with the Community Forester for South Texas, the City Forester, School District Grounds Supervisor, School District Recycling Department Director and the Beautification Committee Chair. During September, One Tree Planted met virtually on a weekly basis and walk-throughs were scheduled with the Community Forester and the City Forester, along with the Campus Principals. The tree foresters provided their expertise to decide on what trees would be planted and the exact locations were designated. We also found out that some of the schools which had first been proposed were not going to be feasible locations; these were substituted with similar schools, based on their low tree equity score. One Tree Planted started the bid for trees during October and placed the orders that same month. Planting was set to begin mid-November, but due to the weather and other external factors we had to push the planting dates to begin on December 1st. The planting dates were then set for December 8th, 13th, 14th, 16th, and 21st.

The curriculum department staff were also involved in the process as they ensure students are learning about ecosystems as outlined in the Texas Essential Knowledge and Skills (TEKS). Parent volunteers, district / campus staff, students and community members were invited to participate in the tree planting events. The tree planting events consisted of an overview of the importance of trees within a community, specifically the roles students can play in advocating for a clean environment, as well as a Proclamation from the City of Brownsville for each school participating in the grant.

Of the 140 trees targeted, 136 were planted. The school communities have been appreciative recipients of the tree grant, having experienced a myriad of frustrations prior to the project in being unable to provide covered play areas for students. All schools involved in this series of plantings have expressed the willingness to maintain the trees. The school district board members, as well as City Officials, have invited the students back to their schools, after they become adults, to see how their trees have grown and become part of the landscape of their former school.

3.0 Community Driven Participation

The first of the three pilot projects that have been fully-planned and shovel-ready, One Tree Planted has ensured that Brownsville's residents and organizations were involved in developing the project plan and were part of the decision-making process in several ways. BISD has a dedicated department to engage parents and families at their respective schools; their mission is to educate parents by providing them with the skills and tools necessary to motivate their children to obtain academic success and become productive, self-driven citizens in a multi-cultural society.

This department collaborated with parents and families in the underserved community to develop the project plan and ensure that it meets their needs and expectations. Parental involvement is critical to the success of this project, as parents will take ownership of their children's education and actively work with campus staff to improve their community school. There will be an estimated 150 total parent volunteers from the 10 school campuses selected for the planting project; BISD estimates 750 total students from the 10 campuses will take part in the planting as well.

Students, parents, staff, and community members will be invited to participate in the ceremonial tree planting event. Each school listed in the grant application will sponsor their tree planting ceremony, and BISD will schedule tree ceremonies once a week during the months of October through to December, contingent on funding. This provides an opportunity for the underserved community's residents and organizations to be part of the decision-making process and actively contribute to the project's success. Furthermore, corporate sponsors are welcome to attend all tree planting events, providing an opportunity for them to engage with the underserved community and understand their needs and expectations.

Finally, anyone, including parents and community members, interested in serving as a BISD school volunteer is required to submit an online application. This application will be made available throughout the school year and will provide an opportunity for the underserved community's residents and organizations to actively participate in the project and decision-making process.

SECTION D: EJCPS Model

One Tree Planted's pilot in which trees are planted in under-resourced, under-served public schools is a project which aligns with various elements of the Environmental Justice Collaborative Problem-Solving (EJCPS) model, which is a community-based approach for identifying and addressing environmental challenges that disproportionately affect low-income and minority populations.

The EJCPS model emphasizes collaborative partnerships between community organizations, government agencies, and other stakeholders to develop and implement solutions that are tailored to the specific needs of each community. Model elements 1 - 4 (Strategic Goal-setting, Community Capacity Building, and Consensus Building, Multi Stakeholder Partnerships), which reflect these goals, have been accomplished by One Tree Planted and our Brownsville partners as part of our project development. We have established specific goals based on the needs and recommendations of various entities within the Brownsville community, developed workable plans and roles for the planting project, and established agreements. We find ourselves currently working to accomplish the most vital aspect of the EJCPS model element 5 (Constructive Engagement):

securing funding support from government or business entities in order to be able to move on to element 6 (Implementation). One Tree Planted's urban planting project in under-resourced public schools directly aligns with the goals of the EJCPS model and can help address environmental inequities in these communities.

SECTION E: Project Linkages to EPA Strategic Plan Goal 2, Objective 2.1 (Promote Environmental Justice and Civil Rights at the Federal, Tribal, State, and Local Levels)

This project will address environmental justice and tree equity amongst the City of Brownsville by planting trees throughout each of the city's public schools. Eight elementary schools and two middle schools will receive approximately twenty trees to be planted within their school premise. All students will have the opportunity to learn hands-on on how to maintain the trees as well as school staff being encouraged to plan activities involving the trees. Furthermore, BISD is working with the City of Brownsville to create environmental / recycling student clubs to engage students to become informed responsible citizens on the issues affecting the environment.

SECTION F: Partner and Collaborate

1.0 Goals and Use of Partnerships

The Brownsville Independent School District encompasses 95 square miles throughout the City of Brownsville. To cover this area, a tree planting team will be composed of City and Community Foresters, Campus Administrators, School District Maintenance Supervisor, Campus Custodial Supervisors, the Public Information Officer and the Recycling Department Administrator. Our partners in Brownsville are aware of their instrumental roles within the project, as follows:

- The City and Community Foresters will provide guidance to the schools on the best species of trees to plant (based on the soil), as well as provide the best practices to ensure the trees survive to maturity.
- The Campus Administrators are knowledgeable of the population their campuses serve and can encourage shared responsibility amongst the families, staff and students.
- The District Maintenance Department Supervisor provides years of experience in grounds maintenance and will guide the individuals who plant all the trees.
- The Campus Custodial Supervisors will provide the weekly maintenance, and when needed, receive assistance from the district maintenance grounds supervisor.
- The Public Information Officer will be responsible for the media publications.
- The Recycling Department Administrator will plan, develop and monitor the project from inception to completion.

2.0 Project Activities / Milestone Schedule

a. Project Activities

The campus walk-throughs will be scheduled in July 2023. Proposed tree locations will be marked on the campus maps. The maintenance department supervisor will cross reference proposed tree locations to the campus land surveys to mark potential hazards, such as underground utility lines. If tree location adjustments are required, the campus maps will be updated.

Following the school district's procurement procedures, the recycling department administrator will compile the quantities and tree species recommended at each campus and solicit quotes from three tree farms / nurseries. Once the quotes are received, the vendor will be selected by determining the best value for the district. By August 2023, the recycling department administrator will request a purchase order.

Several activities will be coordinated during the month of September. The recycling department administrator will schedule meetings with the campus parental groups to encourage ownership in the tree planting project. Meetings will also be scheduled with the maintenance department supervisor and the public information officer to develop a planting calendar. Once the dates are determined, the maintenance department supervisor will coordinate the delivery dates for each school and the public information office will schedule the publicity of the tree planting ceremonies. Campus administrators will then organize the tree planting event. They will invite parents, community members and their preferred grade level to the events. Interviews will be conducted by the school district instructional TV to promote the planting events within their school community.

Tree planting celebrations will be conducted (tentatively) every Friday during the month of October, November and December starting on October 6 through December 14, 2023. Day of the week is contingent to the district and state assessment dates. Participants, including students, will be invited to help plant trees using the ceremonial shovel.

During the months after the tree ceremonies, the recycling department will monitor the maintenance and care of the new planted trees. Opportunities for improvement will be communicated to the campus principal and their respective area supervisors.

b. Milestone Schedule

The below timeline reflects the planting milestones One Tree Planted has scheduled and has assumed funding is granted for the Brownsville pilot planting as well as the two additional cities, though they are to be determined.

Timeline	Task
April-December 2023	Complete first year of Brownsville project, planting 210 trees.
October 2023	Grant award notification.
November 2023 - April 2024	Begin outreach and planning to initiate 2024-2026 projects at two additional school systems in different cities through One Tree Planted's existing network of over 200+ planting partners across the

	United States, the majority of which support school-based tree planting projects.
May - December 2024	Complete second year of Brownsville project, planting 200 trees; complete first year of planting in 2 additional school systems.
2025	Complete third year of Brownsville projects, planting 220 trees; complete second year of planting in 2 additional school systems.
2026	Develop project impact videos for Brownsville; complete third year of planting in 2 additional school systems.

c. Itemized Budget Sheet / Budget Narrative - Submitted as Attachment

3.0 Environmental Results

a. Performance Measurement Plan

During the months after the tree ceremonies, the recycling department will monitor the maintenance and care of the new planted trees. Opportunities for improvement will be communicated to the campus principal and their respective area supervisors. The BISD Records and Recycling Department will monitor every tree planted. Mr. Ricardo Santoyo has been given the responsibility to visit every school on a weekly basis to ensure the trees are maintained. The current protocol is to visit each campus, meet with the head custodian, inspect each tree and report findings to Mrs. Micaela Escobar and Mr. Woody Sanchez.

BISD does not have a tracking system; however, there is constant communication to ensure the trees are maintained properly. The only barrier BISD has in using the spatial software or other database tool to manage trees and monitoring data is the cost. The Records Management and Recycling Department will provide support throughout the three years. Ricardo Santoyo is the person designated to monitor the maintenance and care of the trees and report back to Mrs. Escobar. Should the trees require professional maintenance, she will contact the city forester for guidance.

BISD Records Management & Recycling Department created a schedule for tree maintenance and care whereby campus staff, parents and students can pledge to care for the trees. The document requires a signature and it brings a higher expectation on the importance of keeping the trees alive. The BISD Maintenance Department Grounds Team, led by Mr. Woody Sanchez, will be responsible for the pruning of the trees. When pruning is needed, Mr. Ricardo Santoyo and/or the campus custodial staff, will notify Mr. Sanchez.

The campus custodial staff will mulch the trees. Mulch will be applied as needed. Ricardo Santoyo, Records & Recycling Staff Member, will visit every school on a weekly basis to ensure the trees have the mulch needed. If the trees need mulch, Ricardo Santoyo will deliver the mulch and supervise its

application to ensure it is done correctly. The campus custodial staff at each school will be responsible for watering the trees. They will water the trees three times a week for the first six months and twice a week afterwards. The Records & Recycling Department has a dedicated staff person (Ricardo Santoyo) who will visit every school on a weekly basis to ensure the trees are being watered.

b. Sustainability Plan and Community Vision

One Tree Planted helps to provide funding and resources to partners on the ground to build their capacity and to support impactful tree planting projects. We will be using this model through our on-going partners with the city of Brownsville, as well as the additional 2 pilot cities yet to be determined. In order to ensure that our planting partners are able to fulfill their commitments each year, we provide technical consultations with our team of experts on planting technique, methods, project design that will help make each project more efficient. Our goal is to help our planting partners identify and execute tree planting projects that provide co-benefits and support biodiversity and successful habitat restoration.

In addition, over the past several years, One Tree Planted has been collecting data from each planting project and has been in the process of building technical capacity, piloting drone use with a small cohort of planting partners. One Tree Planted is creating a system that organizes and automatizes data into one geospatial platform for analysis and data reporting purposes that will support monitoring for decades after a planting project is complete.

By providing 3 pilot cities with large-scale planting projects throughout their school districts, One Tree Planted aims to support that community's health and tree equity goals. Successful partnerships and planting projects will show that organized, systemic change throughout the school systems is not only possible but highly supported by the local community. Completion of planting projects within our pilot cities will provide One Tree Planted with the measurable outcomes and working experience needed to secure further funding for more urban school planting projects, as well as increased partnership from communities and businesses.

4.0 Programmatic Capability

a. Organizational Experience

One Tree Planted engages and impacts populations all over the world. In just eight years, we have managed to get over 91 million trees in the ground through new and established relationships with over 463 planting partners. In 2022 alone, we planted over 52 million trees within 327 planting projects in 74 countries across six regions and have potentially sequestered more than 10 million tons of carbon over the next 20 years. Through these projects, we helped to create 2,438 jobs, supported 50,582 farming families, and engaged over 32,000 volunteers to restore 97,769 hectares of land. In 2022, One Tree Planted coordinated 468 tree planting events worldwide and engaged and empowered over 26,254 women in developing countries. Our T.R.E.E.S. (Teaching Reforestation, Environmental Engagement, and Sustainability) program grew enormously in 2022, adding 355 new classroom registrations. By

collaborating with the World Resources Institute, The Jane Goodall Institute, and Rainforest Alliance, One Tree Planted has been able to maximize its impact with innovative solutions to restore the planet.

One Tree Planted has impacted populations at all levels. On a macro level, One Tree Planted has helped to reduce the negative effects of carbon emissions, air pollution, and global warming. It has inspired and engaged individuals, schools, foundations, and businesses to take action to combat climate change. It has restored landscapes for economic, social, and environmental well-being. On a micro level, it has supported community development by building and beautifying urban green space and improving air and water quality. It has helped underdeveloped communities become resilient and self-sufficient to develop sustainable economies, and provide income, food, and heating to support families. Its action and positive story-telling has inspired many and boosted the sense of community all around the world.

Our impact on global sustainability goals has been significant, warranting the honor of being named "Nonprofit Changemaker" by 1% for the Planet within their People for the Planet Awards in April 2020, as well as the Guidestar Platinum Seal of Transparency in 2020.

In 2021, One Tree Planted Won the Environmental Category of the Land Rover Above & Beyond Service Awards.

b. Staff Experience / Qualifications of Project Manager (PM)

Our Urban Forestry program is led by Tanner Haid, One Tree Planted's Director of Urban Forestry, who has been a constant advocate for urban forests for over a decade, building the largest volunteer tree planting and stewardship program in his home state of West Virginia. Mr. Haid is an ISA Certified Arborist and serves as the Chair of his local municipal Tree Board. As the Urban Forest Specialist at One Tree Planted, he has developed our global urban forestry program, with a specific focus on supporting underserved communities through high-impact community tree planting projects.

Supporting Mr. Haid are two project managers, Nilanjana Saha and Lauren Houtenbrink. Ms. Saha has a background in conservation and has spent nearly a decade managing and growing the urban tree canopy in the front range of Colorado and New York City. Ms. Houtenbrink has a background in urban forestry and environmental justice theory, having focused on projects from upstate New York to Southern California. Both project managers are ISA certified arborists.

c. Expenditure of Awarded Grant Funds, and plan for compliance with EPA's Pre-award Compliance Review for Nonprofit Organizations

One Tree Planted has well-established partnership with carefully vetted planting partners and continually seeks new local planting organizations that have the experience and capacity to carry out ecologically and socially appropriate restoration projects. One Tree Planted ensures that all aspects of the project are secured with the planting partners, including sources of seedling/trees, access to land with authorizations from appropriate authorities, and labor supply.

Once One Tree Planted receives notification that the proposal has been accepted and an award to be sent, we will then begin allocating funding to the project listed in the grant, restricting the funds. We also have controls on each project whereby we cannot freely add donations beyond the funding goal for each project.

One Tree Planted and its planting partners are bound by a legal agreement for each project that is taken on. If for some reason planting partners are unable to meet their planting obligations, our agreements require a refund of any advances made and they are only paid for any number of trees actually planted. Funders' donations would be allocated to another project that meets the donors requirements and they would be advised of the project change.

Many of our planting partners do not have the capacity to raise funds on their own, to the scale that is required for project implementation and completion. They diligently work to raise awareness and advocate for themselves, but their focus is primarily on on-the-ground planting operations. Partnering with One Tree Planted ensures that large-scale funding can be provided to get projects implemented and completed. As per project legal agreements, One Tree Planted pays its planting partners in installments and has the capacity and cashflow to start the initial project funding. Projects are paid out during the beginning, middle, and final stages of the work, with adequate reporting required on behalf of our partners before being issued payment.

5.0 Past Performance

One Tree Planted relies on the partnership and support of various entities in order to implement and complete planting projects throughout the country. One Tree Planted has partnerships with the World Resources Institute (WRI) and United States Forest Service (USFS), the Rainforest Alliance, The International Council for Research in Agroforestry (ICRAF) - all of whom have global reach. We have also received support from entities such as the Bezos Earth Fund and FedEx. Other partnerships include One Tree Planted as an implementation partner for the UN Decade on Ecosystem Restoration (2021-2030) and participation with the World Economic Forum's global One Trillion Trees Initiative.

Please see below for a selection of our assistance agreements from the last three years:

1. United States Forest Service Partnership Agreement - Starting in 2022, One Tree Planted has been working with the United States Forest Service to reforest sections of national forests in Florida, as well as the Ochoco National Forest in the Pacific Northwest. Both projects target areas that have seen wildfire devastation; the planting of area-appropriate pine will support ecosystem renewal and restore scenery. The planting projects begin in spring of 2022 and are set to finalize towards the end of 2023. One Tree Planted has committed to multi-year collaboration and reporting, with the performance expiration date set for March 2026.
2. Lesley L'Occitane NA - Since 2021, One Tree Planted has received 11 grants from L'Occitane NA for 16 reforestation projects across the United States and Canada. All projects were completed on time and

were reported on in a timely manner, which helped to secure additional funding in subsequent years, as well as matching funding from the L'Occitane Foundation (as of 2022, the matching funding is no longer provided). Some of the awards partially funded projects, while others funded projects in their entirety. All formal reports were submitted in the application portal by the required due dates and supplemented by a more informal, personalized impact report. L'Occitane was especially pleased to be invited to a video screening of One Tree Planted's *"Keep Cool: Fortifying British Columbia",* which focused on one of the projects they were funding.

3. Baker Hughes Foundation - Since 2021, One Tree Planted has received four grants from the Baker Hughes Foundation for 14 projects in countries all around the world. The timely completion and reporting of these projects played a pivotal role in securing additional funding in subsequent years. While some of the funding covered a portion of the project costs, others provided full funding for the projects. The Baker Hughes Foundation received formal reports by the due dates and also received informal, personalized impact reports. One Tree Planted was also invited to do a formal presentation via Zoom to the Board of Trustees to further report on the impact they made with their funding support.

6.0 Quality Assurance Project Plan (QAPP) Information (If applicable)

One Tree Planted partners with local planting organizations that have the experience and capacity to carry out ecologically and socially appropriate restoration projects. We remain closely engaged with our partners to monitor progress and require reporting and photos at several stages of the project. We track the total number of trees planted, tree species, survival rate, area under restoration, and the number of volunteers who engage in the tree planting, and testimonials from respective communities.

a. Outputs (Evaluation Criteria, Section V.A)

- Number of school districts systemically engaged in systemic tree planting initiatives.
- Number of schools participating in tree planting projects.
- Number of under-resourced and/or disadvantaged communities impacted.
- Number of trees planted.
- Number of students from underserved schools participating in tree planting events.
- Number of community leaders, parents, or other residents from underserved communities or associated with the schools participating in tree planting events.
- Number of jobs supported & created.
- Number of people impacted.

b. Outcomes (Evaluation Criteria, Section V.A.)

i.Short-term Outcomes

1. Support green job opportunities and worker skill development related to urban forestry & arboriculture

2. Cross-sector coordination on school greening efforts
3. Ecosystem services provided by trees, calculated using iTree Planting or other similar tools.

Ii. Long-term Outcomes

1. Reduction in temperatures in urban school areas due to urban heat island mitigation and planning.
2. Increase in equitable tree canopy coverage in multiple urban school districts.
3. Increase in outdoor activities in urban schools due to shaded recreational areas.
4. Long-term communications with underserved communities regarding public health in relation to tree equity.

c. Performance Measurement Plan (Evaluation Criteria, Section V.A.)

Urban Forestry proposals are submitted to us by local planting organizations, including grassroots conservation groups, governmental stewardship organizations, or global conservation organizations. Our experienced Urban Forestry Team vets the proposal using our Project Vetting criteria, which is influenced by best management practices and research in the field of urban forestry. When vetting projects, we assess project aspects that are essential to success, including stakeholder engagement, species selection and diversity, meaningful impact, community input and engagement, potential risks to young trees, necessary site preparations, proposed maintenance, and more.

One Tree Planted's pilot is vested in growing trees, not simply planting them, in underserved schools and communities. We have developed a cutting-edge monitoring program to ensure that trees planted grow into strong, healthy trees that benefit the community for generations. Our planting partners are required to have a data collection plan in place and be able to adapt their planting and maintenance efforts in response to the real-time data they collect. One Tree Planted requires reporting on all planting projects along with regular updates through the third year in order to track survival and other metrics of success.

For key projects such as this proposed pilot, we send One Tree Planted staff and Urban Forestry specialists for in-person technical visits to assess site performance and monitoring protocol implementation. During these visits, our team is able to get a full understanding of the status of the planted areas and trees. Because the technology to enable tree monitoring is constantly evolving, we are able to collect drone data on site visits to select partners. One Tree Planted uses a combination of commercial and public imagery sources to monitor tree canopy cover. Our monitoring processes are a key measurement tool, helping us ensure that the planting sites are protected and under stable conditions.

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: One Tree Planted, Inc.

Address: 145 Pine Haven Shores Road, #1000D

City: Shelburne

State: VT: Vermont Zip Code: 05482

B. Unique Entity Identifier (UEI): EREENAD3MA19

C. Applicant/Recipient Point of Contact

Name: Rosa Rivera

Phone: Ex. 6 - Personal Privacy (PP)

Email: rosa@onetreeplanted.org

Title: Philanthropy Officer

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

One Tree Planted is not involved in pending civil rights lawsuits or administrative complaints filed under federal law against the applicant/recipient that allege discrimination.

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

One Tree Planted has no lawsuits or administrative complaints that have been decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, age, sex, or disability.

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

One Tree Planted has no civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years.

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

Not applicable.

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

Not applicable.

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Rosa Rivera	Chief of Sustainability	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Mr. First Name: Hal Middle Name:
Last Name: Kingsland Suffix:

Title: Chief of Sustainability

Complete Address:

Street1: 145 Pine Haven Shores Road
Street2: Suite #1000D
City: Shelburne State: VT: Vermont
Zip / Postal Code: 05482 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: hal@onetreeplanted.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: Mr. First Name: Nicholas Middle Name:
Last Name: Elston Suffix:

Title: Director of Finance and Operations

Complete Address:

Street1: 145 Pine Haven Shores Road
Street2: Suite #1000D
City: Shelburne State: VT: Vermont
Zip / Postal Code: 05482 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: nicholas@onetreeplanted.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: Ms. First Name: Rosa Middle Name:
Last Name: Rivera Suffix:

Title: Philanthropy Officer

Complete Address:

Street1: 145 Pine Haven Shores Road
Street2: Suite #1000D
City: Shelburne State: VT: Vermont
Zip / Postal Code: 05482 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: rosa@onetreeplanted.org

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** Mr. **First Name:** Tanner **Middle Name:**

Last Name: Haid **Suffix:**

Title: Director of Urban Forestry

Complete Address:

Street1: 145 Pine Haven Shores Road

Street2: Suite #1000D

City: Shelburne **State:** VT: Vermont

Zip / Postal Code: 05482 **Country:** USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: tanner@onetreeplanted.org

EPA Form 5700-54 (Rev 4-02)

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: MAR 24 2017

NEXT LEADERSHIP DEVELOPMENT
CORPORATION
21 CENTRAL AVENUE
BOSTON, MA 02136-0000

Employer Identification Number:
82-0805418
DLN:
26053479006617
Contact Person:
CUSTOMER SERVICE ID# 31954
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)
Accounting Period Ending:
December 31
Public Charity Status:
509(a)(2)
Form 990/990-EZ/990-N Required:
Yes
Effective Date of Exemption:
March 5, 2017
Contribution Deductibility:
Yes
Addendum Applies:
No

Dear Applicant:

We're pleased to tell you we determined you're exempt from federal income tax under Internal Revenue Code (IRC) Section 501(c)(3). Donors can deduct contributions they make to you under IRC Section 170. You're also qualified to receive tax deductible bequests, devises, transfers or gifts under Section 2055, 2106, or 2522. This letter could help resolve questions on your exempt status. Please keep it for your records.

Organizations exempt under IRC Section 501(c)(3) are further classified as either public charities or private foundations. We determined you're a public charity under the IRC Section listed at the top of this letter.

If we indicated at the top of this letter that you're required to file Form 990/990-EZ/990-N, our records show you're required to file an annual information return (Form 990 or Form 990-EZ) or electronic notice (Form 990-N, the e-Postcard). If you don't file a required return or notice for three consecutive years, your exempt status will be automatically revoked.

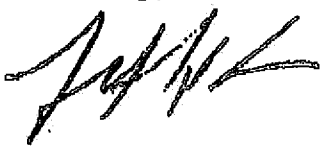
If we indicated at the top of this letter that an addendum applies, the enclosed addendum is an integral part of this letter.

For important information about your responsibilities as a tax-exempt organization, go to www.irs.gov/charities. Enter "4221-PC" in the search bar to view Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, which describes your recordkeeping, reporting, and disclosure requirements.

Letter 947

NEXT LEADERSHIP DEVELOPMENT

Sincerely,



Jeffrey I. Cooper
Director, Exempt Organizations
Rulings and Agreements

Letter 947

Form **W-9**
(Rev. October 2018)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

► Go to *www.irs.gov/FormW9* for instructions and the latest information.

Give Form to the requester. Do not send to the IRS.

Print or type. See Specific Instructions on page 3.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.

Next Leadership Development Corporation

2 Business name/disregarded entity name, if different from above

3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only **one** of the following seven boxes.

☐ Individual/sole proprietor or single-member LLC ☑ C Corporation ☐ S Corporation ☐ Partnership ☐ Trust/estate

☐ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ► _____

Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is **not** disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.

☐ Other (see instructions) ►

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any) _____

Exemption from FATCA reporting code (if any) _____

(Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.) See instructions.

21 Central Avenue

6 City, state, and ZIP code

Boston, MA 02136

Requester's name and address (optional)

7 List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number

			–			–				

or

Employer identification number

8	2	–	0	8	0	5	4	1	8

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here | **Signature of U.S. person** ► Samantha | **Date** ► 03/09/2020

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to *www.irs.gov/FormW9.*

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, *later.*

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: One Tree Planted, Inc.

* b. Employer/Taxpayer Identification Number (EIN/TIN): 46-4664562

* c. UEI: EREENAD3MA19

d. Address:

* Street1: 145 Pine Haven Shores Road
Street2: Suite #1000D
* City: Shelburne
County/Parish:
* State: VT: Vermont
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 05482-7812

e. Organizational Unit:

Department Name: Philanthropy

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Ms.
* First Name: Rosa
Middle Name: Marie
* Last Name: Rivera
Suffix:

Title: Philanthropy Officer

Organizational Affiliation: Staff

* Telephone Number: Ex. 6 - Personal Privacy (PP)
Fax Number:

* Email: rosa@onetreeplanted.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Implementing Systemic Change through Urban Forestry Projects within
Under-served School Districts

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: VT-006 * b. Program/Project: TX-034

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 10/06/2023 * b. End Date: 12/15/2026

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	500,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Mr. * First Name: Hal

Middle Name:

* Last Name: Kingsland

Suffix:

* Title: Chief of Sustainability

* Telephone Number: Ex. 6 - Personal Privacy (PP) Fax Number:

* Email: hal@onetreeplanted.org

* Signature of Authorized Representative: Rosa Rivera * Date Signed: 04/14/2023

FovtVj/N8qXGisrZNq9tHQFfIQc=

Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

One Tree Planted - Implementing Systemic Change through Urban Forestry Projects within Under-served School Districts

One Tree Planted, Inc.
145 Pine Haven Shores Road, #1000D
Shelburne
VT: Vermont
05482

EREENAD3MA19
Rosa Rivera
EX. 6 - Personal Privacy (PP)
rosa@onetreeplanted.org
Philanthropy Officer
N: No
One Tree Planted is not involved in pending civil rights lawsuits or administrative complaints filed under federal law against the applicant/recipient that allege discrimination.
One Tree Planted has no lawsuits or administrative complaints that have been decided against the applicant/recipient within the last year that alleged discrimination
based on race, color, national origin, age, sex, or disability.
One Tree Planted has no civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years.
N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Not applicable.
Not applicable.
Rosa Rivera

Chief of Sustainability
2023-04-14

Mr.
Hal
Kingsland

Chief of Sustainability
145 Pine Haven Shores Road
Suite #1000D
Shelburne
VT: Vermont
05482
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
hal@onetreeplanted.org

Mr.
Nicholas
Elston

Director of Finance and Operations
145 Pine Haven Shores Road
Suite #1000D
Shelburne
VT: Vermont
05482
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
nicholas@onetreeplanted.org

Ms.
Rosa
Rivera

Philanthropy Officer
145 Pine Haven Shores Road
Suite #1000D
Shelburne
VT: Vermont
05482
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
rosa@onetreeplanted.org

Mr.
Tanner
Haid

Director of Urban Forestry
145 Pine Haven Shores Road

Suite #1000D
Shelburne
VT: Vermont
05482
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
tanner@onetreeplanted.org

1234-One Tree Planted_EPA Collaborative RFP 2023.pdf
application/pdf
EGQz/yCy1BI2fJ2DX6jN5TZICDs=

1.0
66.306
121000.00
121000.00

66.306
189500.00
189500.00

66.306
189500.00
189500.00

500000.00
500000.00

23500.00
97500.00
121000.00
121000.00

37900.00
151600.00
189500.00
189500.00

37900.00
151600.00
189500.00
189500.00

99300.00
400700.00
500000.00
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166000.00
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41500.00
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40000.00
38500.00
42500.00

63166.00
63166.00
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63166.00
63166.00
63166.00

166332.00
164832.00
168832.00

Category "Other" - tree purchase and delivery
Budget reflects 1 fully-planned pilot, with estimates for the remaining 2, for which funding is needed to move forward in development. A detailed budget for Brownsville has been submitted with the application.

1235-One Tree Planted Key Contacts Resumes.pdf
application/pdf
4gPkKrzutHNWkdnMk4GzlYEZQAU=

1236-Urban_Forestry_Project_Proposal_Budget__Workplan 1.xlsx
application/vnd.openxmlformats-officedocument.spreadsheetml.sheet
G8XBXDtNCKNmJsLKfToL/7L+NPc=

1237-One Tree Planted Letters of Support.pdf
application/pdf
5Em/zY6vGpCGd67uuEPWIXXf4nw=

1238-IRS 501c3 Certification_One Tree Planted.pdf

application/pdf
XXFhX8NpiGUeADfoV/vmPaX1wg4=

Application
New
2023-04-14
One Tree Planted, Inc.
46-4664562
EREENAD3MA19
145 Pine Haven Shores Road
Suite #1000D
Shelburne
VT: Vermont
05482-7812
USA: UNITED STATES

Philanthropy
Ms.
Rosa
Marie
Rivera

Philanthropy Officer
Staff
EX. 6 - Personal Privacy (PP)
rosa@onetreeplanted.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Implementing Systemic Change through Urban Forestry Projects within Under-served School Districts
VT-006
TX-034
2023-10-06
2026-12-15
500000.00
0.00
0.00
0.00
0.00
0.00
500000.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Mr.
Hal
Kingsland

Chief of Sustainability
EX. 6 - Personal Privacy (PP)
hal@onetreeplanted.org
Rosa Rivera
2023-04-14

FovtVj/N8qXGisrZNq9tHQFfIQc=
2023-04-14T17:19:46.000-04:00
Rosa Rivera
GRANT13861740

OFFICE OF JULIA MEJIA, CITY COUNCILOR AT-LARGE

1 City Hall Square, 5th Floor, Boston, MA 02201

Ex. 6 - Personal Privacy (PP) | julia.mejia@boston.gov

April 14, 2023

USEPA Headquarters
William Jefferson Clinton Building
1200 Pennsylvania Avenue, N. W.
Mail Code: 2202A
Washington, DC 20460

RE: The Resilience Hub Project

Dear Jacob Burney,

I am writing to express my strong support for your Resilience Hub Project grant application to the EPA Environmental Justice Collaborative Agreement. As an At-Large Boston City Councilor, I am committed to advancing equity and justice for all residents of our city, particularly those who have been historically marginalized and underserved.

The Resilience Hub Project is a critical initiative that will help to prepare our communities for the increasing number and intensity of disasters that disproportionately impact Black people. This project will not only focus on disaster preparedness and response, but also on incorporating environmental justice and climate change issues into project planning and implementation.

I believe that this project will be an important tool in advancing our city's efforts to address the disproportionate burden of environmental harms and disasters on Black communities. By convening city departments, public health, and healthcare partners, we can identify current priorities in our climate and disaster plans and work together to ensure that they are responsive to the needs of our most vulnerable residents. I am so committed to supporting this work that I will be helping with all of the convenings regardless of my status as an elected official.

I am proud to partner with Next Leadership Development in this important work, and I urge you to support their efforts to create a more resilient and just Boston. If you have any questions, please email me at julia.mejia@boston.gov or call me at: Ex. 6 - Personal Privacy (PP)

Respectfully,

Julia Mejia
Boston City Councilor At-Large

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date:
SEP 15 2014

ONE TREE PLANTED, INC.
145 PINE HAVEN SHORES RD STE 1000-D
SHELBURNE, VT 05482

Employer Identification Number:
46-4664562
DLN:
17053143322004
Contact Person:
CUSTOMER SERVICE ID# 31954
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)
Accounting Period Ending:
December 31
Effective Date of Exemption:
December 30, 2013
Addendum Applies:
No

Dear Applicant:

We are pleased to inform you that upon review of your application for tax exempt status we have determined that you are exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code. Contributions to you are deductible under section 170 of the Code. You are also qualified to receive tax deductible bequests, devises, transfers or gifts under section 2055, 2106 or 2522 of the Code. Because this letter could help resolve any questions regarding your exempt status, you should keep it in your permanent records.

Organizations exempt under section 501(c)(3) of the Code are further classified as either public charities or private foundations. We determined that you are a private foundation within the meaning of section 509(a) of the Code. You are required to file Form 990-PF annually.

For important information about your responsibilities as a tax-exempt organization, go to www.irs.gov/charities. Enter "4221-PF" in the search bar to view Publication 4221-PF, Compliance Guide for 501(c)(3) Private Foundations, which describes your recordkeeping, reporting, and disclosure requirements.

Sincerely,

Tamera Ripperda

Director, Exempt Organizations

Letter 1076

THE SENATE OF TEXAS
MORGAN LAMANTIA
DISTRICT 27

April 4, 2023

U.S. Environmental Protection Agency
Office of Environmental Justice (2201A)
1200 Pennsylvania Avenue, NW
Washington, D.C. 20460

To Whom It May Concern:

I am writing to extend my support for the Brownsville Independent School District (BISD) One Tree Planted Project for the EPA Collaborative Problem grant application. The trees planted over the next three years will help reduce erosion, filter clean air, help reduce climate change, and even become homes for thousands of plants and animals.

Brownsville is located in on the southernmost border of Mexico and along the Gulf of Mexico. The Sabal Mexicana, Cordia Boissieri, Ehretia Anacua and Quercus Macrocarpa are the predominant tree species that grow well in Brownsville. BISD has 56 campuses throughout the city. The One Tree Plant Project will help support students K-12 expand their knowledge outside of the classroom.

The engagement of schools and the community will ensure that the trees planted will be nurtured and sustained. Students will be able to learn the characteristics of trees and the kind benefits it brings to our everyday lives, all while providing beautiful greenery.

I hope that you will give careful consideration this request by Brownsville Independent School District for One Tree Planted Project and its potential benefits to the community. Thank you for accepting this letter of support, and please feel free to contact me at Ex. 6 Personal Privacy (PP) if I can provide any assistance.

Sincerely,

Morgan LaMantia
State Senator

Helen Ramirez
City Manager

City of BROWNSVILLE Texas
On the Border, By the Sea and Beyond

Brownsville All-America City 2001 / 2014

April 6, 2023

RE: EPA Environmental Justice Collaborative Grant Application – One Tree Planted

To Whom It May Concern,

On behalf of the City of Brownsville and its residents, particularly the students and staff at the Brownsville Independent School District (BISD), I write this letter of strong support for BISD's application for an EPA Environmental Justice Collaborative Grant through One Tree Planted.

Since 1999, the City of Brownsville has earned recognition as a Tree City USA, which means we are a community that makes planting and care of trees a priority. Our warm climate nine months out of the year and our close proximity to the equator, make it necessary to have more tree coverage and shade throughout Brownsville.

We strongly support One Tree Planted submitting a grant to help BISD schools plant trees for the next three years. It is our sincere desire to work together to ameliorate environmental challenges, better protect our vulnerable populations, and enhance the beauty of our City. Having the help and resources to plant more trees on BISD campuses will not only increase the supply of oxygen and reduce the amount of carbon dioxide in the air, but hopefully will stall global warming and provide more shady spots for children and adults to enjoy the outdoors during the day.

Sincerely,

Helen Ramirez, AICP
City Manager

City of Brownsville, Texas

1001 E. Elizabeth St., P.O. Box 911, Brownsville, Texas 78522 Telephone: Ex. 6 - Personal Privacy (PP) Fax: Ex. 6 - Personal Privacy (PP)
www.brownsvilletx.gov

TEXAS A&M FOREST SERVICE

LETTER OF SUPPORT for the Brownsville Independent School District, April 3, 2023

The Texas A&M Forest Service conserves and protects the resources and lands of the Lone Star State. TAMFS provides statewide leadership and technical assistance to ensure trees, forests and related natural resources are sustained for the benefit of all. As the South Texas Regional Forester for TAMFS, I work with communities to plant, care for, and conserve trees where people live, work, and play. I foster the appreciation and stewardship of urban forests by supporting tree planting and tree care activities.

The BISD planting of trees is an important project since it will provide multiple benefits. School Tree Planting projects help connect students to the benefits of trees and foster environmental stewardship. This project will also support the surrounding community by increasing Brownsville's tree canopy. Schools are a major property owner within the city and an important stakeholder of its urban forest.

Most of us recognize the beauty of trees and their other values. They help protect our waterways by intercepting storm water, stabilizing soil and using nutrients that would otherwise wash into waterways. Trees provide environmental benefits such as cleaning air and water. Trees also help moderate temperature and muffle noise. They even help improve air quality by absorbing harmful airborne compounds and by giving off oxygen. Spending time around trees and in nature also makes us healthier and improves our students' academic performances.

School Tree Planting projects connect students to the benefits of trees and foster environmental stewardship. Tree planting is a great way to increase student interest in their local environment and achieve academic goals. Each school tree planting provides educators with the opportunity to inspire school administrators, faculty, and students to affect positive change at their schools and, in turn, their communities.

When students plant trees, they can see for themselves the structure of trees, learn what they need and how they grow. Teachers can use the planting process to discuss the benefits trees provide, while including many subjects that their classes are studying. As trees mature, the trees can be a continuing, personalized way of relating what they've learned in books to visible, living examples.

Students become aware that they can play a role in protecting the environment through personal involvement. Ultimately, it is hoped that the experience will help them make intelligent decisions about conservation and use of our valuable natural resources.

I am in support of One Tree Planted and its assistance to the BISD schools to plant trees for the next three years. This tree planting program will be a learning opportunity to get students involved in the environment and conservation of our natural resources. Recent scientific studies suggest students are better able to concentrate, complete tasks, and follow directions after spending time in natural settings.

Sincerely,

Bill Green, Texas A&M Forest Service, cellphone: Ex. 6 Personal Privacy (PP); email: Ex. 6 - Personal Privacy (PP)
Community Forester-South Texas-Rio Grande Valley-Coastal Bend *"Healthy Trees, Healthy Lives"*
Helping communities develop sustainable programs that provide healthy trees.

CITY OF BROWNSVILLE

6035 Jamie J Zapata Ave.
Brownsville, TX 78521

April 3, 2023

My name is Georgina Mota, City Forester for the City of Brownsville Texas. I have 17 years experience working as the Supervisor for the Greens Division of our city. During those 17 years I worked side by side with our two previous City Foresters. We consulted each other regularly on maintenance and care of our Urban Canopy, medians, right of ways and parks. We organized and took part in annual Arbor Day and Earth Day events and worked on a tree survey. I supervise the Beautification crews and have been active with Keep America Beautiful and Keep Texas Beautiful as well as other organizations like the Rotary Club and the Boy scouts, etc.

During 2022, Brownsville ISD collaborated with The Brownsville Beautification Committee and the City of Brownsville to plant 140 trees within the school district which expanded throughout the City limits. The Brownsville ISD took every consideration to make sure the trees were cared for and to give each tree planted the best chance of survival. The school district was meticulous with their records and kept constant contact with me, the City Forester as well as the Regional Forester Bill Green.

It was an honor to have witnessed the excitement of the students when BISD, in partnership with the City of Brownsville and the Beautification Committee planted 136 trees with the funding received from One Tree Planted. Students, parents, staff and community members joined the tree planting celebrations held at each school. Weeks after planting the trees, I have followed up with each school and their personnel to find what a difference these trees have made. Where at one time the playgrounds were bare there are now trees. Students, parents and staff gleam with pride at the difference the trees have already made just by making the playground more aesthetically pleasing. Seeing the trees grow full during the spring has everyone excited about the shade that these trees will be providing our children in the not so far future. Parents have been drawn into helping not only to care for the trees but have been encouraged to plant more trees at their homes due to their children's excitement from the tree plantings. Tree planting fever has caught on!

The City of Brownsville today is the largest city in the Rio Grande Valley with a population of approximately 185,000. Brownsville is located at the southern tip of Texas, along the Mexico border. Brownsville has been designated Tree City USA for the past 24 consecutive years. With the help of One Tree Planted and the Brownsville ISD our whole community will benefit by the increase in our Urban Canopy. By collaborating with the Brownville ISD, trees will be better

distributed to areas where the Urban Canopy may be lacking therefore providing a more balanced canopy throughout the entire City.

I support One Tree Planted submitting the application for an EPA Environmental Justice Collaborative Grant to plant more trees throughout the district. Students, at all levels, will be able to lean hands-on about trees and how it affects the planet.

If you have any questions please feel free to contact me at Ex. 6 - Personal Privacy (PP)

Thank you for your attention.

Sincerely,

Georgina Mota

Georgina Mota,

Brownsville City Forester / Beautification and
Forestry Supervisor / ADSO

LAURA PEREZ-REYES
DISTRICT CLERK OF CAMERON COUNTY
974 East Harrison Street • Brownsville, TX 78520
Ex. 6 - Personal Privacy (PP) • Ex. 6 - Personal Privacy (PP) Facsimile

April 12, 2023

Micaela Escobar,
Director of Records Management & Recycling
Brownsville Independent School District
1900 Price Rd.,
Brownsville, Texas 78521

Re: EPA Environmental Justice Collaborative Grant

Dear Ms. Micaela Escobar,

Please accept this letter as my formal support for the EPA Environmental Justice Collaborative Grant, through One Tree Planted at BISD. I support programs such as this one that help build our leaders of tomorrow and allow them to understand the importance on conserving our planet. I applaud BISD on the efforts to increase environmental awareness at the school district and the community.

Best Regards,

Laura Perez-Reyes
Cameron County District Clerk

Jury Department Ex. 6 - Personal Privacy (PP)

Child Support Department Ex. 6 - Personal Privacy (PP)

Records Department Ex. 6 - Personal Privacy (PP)

Criminal Department Ex. 6 - Personal Privacy (PP)

AN EARLY COLLEGE DISTRICT
BROWNSVILLE
INDEPENDENT SCHOOL DISTRICT
Maintenance & Facilities Department
3750 Robindale Road
Brownsville, Texas 78526
Ex. 6 Personal Privacy (PP)

Date: April 05, 2023

From: Manuel Hinojosa, FAIA
BISD Architect

Re: Letter of Support for the Brownsville Independent School District

To Whom It May Concern,

The Brownsville Independent School District is always in support of the beautification of our district's campuses. Our district encompasses 95 square miles and is the largest employer in the Rio Grande Valley. Approximately 6,000 employees have the challenge of serving a population of almost 38,500 students.

It is important to help our district environment and to give our students educational awareness and purpose by using "One Tree Planted". This exposure serves many educational fields. BISD recognizes and addresses the unique cultural lifestyles of South Texas with a broad selection of academic activities for all the students of BISD. The planting of trees and getting our students & community involved enhances the importance of environmental engagement and sustainability.

Through "One Tree Planted" and the City of Brownville a total of 136 trees were planted in the fall of 2022. The newly planted trees have helped provide our teachers with the perfect opportunity to use as an outdoor lesson (Science) on how to plant trees, maintain, and teach the types of wildlife habitats created by trees.

I am Manuel Hinojosa, FAIA BISD Architect, administrator for the Facilities & Maintenance Departments under the supervision of Dr. Nellie Cantu, Deputy Superintendent of Business and Operations, for BISD. Overseen with Genaro "Jerry" Martinez, Director of Maintenance, the grounds division's dedication to maintaining the appearance of the grounds and fields to the district. I also supervise the Facilities Dept. with all the District's construction, designs, and architectural needs.

It is an honor to support this most prestigious program such as "One Tree Planted", with the guidance of Ms. Micaela Escobar-Ramirez, Director.

Thank you.

Manuel Hinojosa, FAIA
BISD Architect
Ex. 6 Personal Privacy (PP)

BISD does not discriminate on the basis of race, color, national origin, gender, religion, age, disability, or genetic information in employment or provision of services, programs, or activities.
BISD no discrimina de acuerdo a raza, color, origen nacional, género, religión, edad, información genética, o incapacidad en el empleo o la disposición de servicios, programas o actividades.

Brownsville
Nuestro Hogar – It's Our Town!
Brownsville Beautification Committee

KEEP BROWNSVILLE BEAUTIFUL

May 9, 2021

To whom it may concern,

The Brownsville Beautification Committee's (BBC) is an organization whose mission is to promote, plan, implement, and maintain community beautification projects through public relations, citizen involvement and resource agencies to enhance the quality of life of the citizens of Brownsville. BBC is also the driving force behind Keep Brownsville Beautiful (KBB), which is a community volunteer organization that encourages residents and businesses to be proactive in our mission to beautify our city. This is done through the organization and promotion of city wide cleanups, recycling events, tree planting events, and by helping us create and maintain landscaping and "green" areas that enrich and beautify the community. We specifically involve our youth in these projects, which helps to promote an eco-friendly culture in our community.

As part of our strategic plan, our organization has directed focus on reforesting our city and prioritizing areas of high impact to the quality of life of our community. Schools are certainly one of these areas that have preference in our mission. Planting trees in schools has a direct impact in the lives of our youth. By planting trees in schools we are able to lower the average temperature in the area, provide protection from UV-rays, improve the quality of the air, reduce the pollution, prevent flooding in the playgrounds, and close the tree equity gap in our schools.

As chairman of the board, I would like to pledge our full support to One Tree Planted in submitting the EPA Environmental Justice Collaborative Grant that will help BISD schools and collaborative partners plant trees for the next three years.

Sincerely,

Oscar Zertuche
BBC Chairman
Ex. 6 - Personal Privacy (PP)

Ex. 6 - Personal Privacy (PP)

Dr. Américo Paredes Elementary

Ex. 6 Personal Privacy (PP), Brownsville, TX 78526 Ex. 6 - Personal Privacy (PP)

Dr. René Gutiérrez
Superintendent of Schools

Felipe Barrera Principal
Oscar Rivera Assistant Principal
Virginia Guzman Assistant Principal
Martha Morales Dean of Instruction

Dear Sponsor,

We are writing this letter to express our sincere gratitude for your generous donation of trees to our school. Your donation will provide our students with the opportunity to learn about the importance of planting trees and to actually be part of this endeavor to make a positive impact on the environment.

As an education institution we teach students about Earth Science because of how much people interact with our planet. We believe that planting trees is an essential step in protecting the environment and promoting a sustainable future. Trees absorb carbon dioxide and other pollutants, improve air quality, reduce erosion, and provide a habitat for wildlife. They also contribute to the overall well-being of individuals by providing shade, reducing heat, and promoting a sense of calm.

As mentioned before, by providing our school with trees, you have enabled us to create a learning environment where students can observe and participate in the growth and development of these vital resources. This initiative will not only benefit our school but also the surrounding community and the world at large.

Once again, I would like to express my sincere gratitude for your generosity and for recognizing the importance of getting children involved in this project. Your donation will make a lasting impact on our students and the environment for years to come.

Sincerely,

Felipe Barrera
Principal Paredes Elementary

DR. AMÉRICO PAREDES ELEMENTARY

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BISD no discrimina a base de raza, color, origen nacional, sexo, religión, edad, discapacidad o información genética en el empleo o en la provisión de servicios, programas o actividades.

RAUL BESTEIRO MIDDLE SCHOOL

PRINCIPAL: TERESA NUÑEZ

Assistant Principal: NINA GARCIA

Assistant Principal: DOUG TOLMAN

A3 = ASPIRE , AIM, ACHIEVE

April 3, 2023

To Whom It May Concern,

I am writing this letter in support of One Tree Planted submitting the grant to help BISD plant trees for the next three years.

We are grateful for your commitment to promoting a sustainable environment and your willingness to make a difference in the lives of our BISD students.

Trees are an essential part of our ecosystem, providing many benefits such as clean air, shade, and a natural habitat for wildlife. By donating trees to our district schools, you are helping to create a healthier and more beautiful environment for our students to learn and play in.

Your initiative will also have a positive impact on our community by reducing our carbon footprint and improving the quality of life for all who live in the area.

We thank you for your support and generosity, and we look forward to planting and caring for these trees for years to come. Your contribution will not only benefit our students but also the generations to come.

Once again, thank you for your consideration, and we are excited to work together towards a greener and more sustainable future.

Sincerely,

Teresa Nunez,
Principal
Besteiro Middle School

ED_016126_00000120-00010

Emaline B. Russell Elementary School
800 Lakeside Blvd.
Brownsville, TX 78520
Main: Ex. 6 - Personal Privacy (PP) **Fax:** Ex. 6 - Personal Privacy (PP)

Dr. Susana Zapata-Burguete
Principal

Lettie Marroquin
Assistant Principal

April 6, 2023

EPA Environmental Justice Collaborative Grant,

I am the school counselor at Russell Elementary School. I work with students in grades PreK through 5th grade on many different concerns including social skills, academic achievement, multicultural counseling, bullying, career and college readiness, as well as many other areas of a student's life. I have taken it upon myself to create a Kindness Club and a Recycling Club at our school. I know how important it is for students to feel a sense of belonging, purpose, and connectedness to the world around them. I have found that one of the most powerful and effective learning tools is for the students to spend time outside with nature. To that end, we have created butterfly gardens as well as vegetable gardens at our school. Our students love and appreciate being outdoors and it is so important to be under the shade of trees when being outside . Nature heals their hearts and souls as they explore and experience the many benefits that clean air, shady areas, and bright sun brings to their minds, spirits, and bodies. I am in total support of One Tree Planted to help BISD schools plant trees for the next three years.

Sincerely,
M. Moreno-Sweeney
Marbelia Moreno-Sweeney, M.Ed, CSC
School Counselor

Brownsville Independent School District

1900 Price Road – Suite 306 Brownsville, Texas 78521-2417 Ex. 6 - Personal Privacy (PP) Fax: Ex. 6 - Personal Privacy (PP)

Dr. René Gutiérrez
Superintendent

Dear Whom It May Concern,

I am writing to express Brownsville ISD's strong support for the One Tree Planted Project. As the Deputy Superintendent for Curriculum and Instruction and Human Resources of Brownsville ISD, I recognize the importance of instilling in our students the value of saving the earth and the need for hands-on experiences to achieve this goal.

The One Tree Planted Project is an excellent initiative that aligns with our mission of promoting environmental conservation and awareness. Through this project, our students can gain hands-on experiences in planting trees and learning how to make a positive impact on the planet. It is through grants like this that students get the opportunity to not just read about the importance of trees but actually becoming contributors of environmental awareness. We believe that Earth Day is a year-round effort and that supporting projects such as One Tree Planted is essential in achieving our goal of saving the planet and teaching students that we all contribute to said goal.

We are delighted to inform you that the grant will significantly benefit not only Brownsville ISD but the City of Brownsville as a whole, and we look forward to continuing our partnership with the One Tree Planted Project to support this worthy cause.

Thank you for considering our support for this project.

Sincerely,

Dr. Anysia Trevino
Deputy Superintendent, Brownsville ISD

BISD does not discriminate on basis of race, color, national origin, sex, religion, age, disability or genetic information in employment or provision of services, programs or activities.

BISD no discrimina a base de raza, color, origen nacional, sexo, religión, edad, discapacidad o información genética en el empleo o en la provisión de servicios, programas o actividades.

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)
Providence, RI 02906
Ex. 6 - Personal Privacy (PP)

Education

University of South Carolina — Columbia, SC
- Master of Library and Information Science — 8/94

University of Michigan — Ann Arbor, MI
- Bachelor of Music — 5/91

Experience

Providence (RI) Community Library
Library Director — 6/18 - Present

Assistant Library Director — 10/17 – 6/18

Youth Services Coordinator — 8/14 – 10/17

- Active member of four PCL administrative teams: Strategic Planning, Professional Development, Union Negotiations, and Regional Coordinators. Involved in hiring, training, staffing, and other strategic decisions.
- Served on PCL's Leadership Team: participated in updating job descriptions; creating new mission/vision; and, aligning organizational structure. (2015-2016).
- Prepared and managed the Youth Services budget, as well as specific grant program budgets.
- Evaluated grant funded programs and wrote reports to funders, including the United Way of RI, Institute for Museum and Library Services, Rhode Island Department of Transportation, and the Providence Shelter.
- Designed *Summer Reading in the Schoolyard* in partnership with Providence School Department, Providence Recreation Department, and Providence's Healthy Communities Office, funded by the United Way of RI: PCL's mobile library visited 10 PPSD elementary schools and 5 recreation centers weekly in the summer, bringing library programs and materials into the community to stem summer learning loss (2016-2019).
- Implemented year two of PCL's *Ready for K!* National Leadership Grant: planned professional development with Ready to Learn Providence; redesigned the program model with Youth Librarians and Specialists; aligned the budget with the new program model in cooperation with PCL's Chief Operating Officer; and, evaluated the effectiveness of the program (August 2014 – December 2015).

Rhode Island Office of Library and Information Services — 7/09 – 7/14
Youth Services Coordinator

- Coordinated the state-wide summer reading program: led workshops for librarians; engaged educators/artists; collected statistics; and, served as state representative to the Collaborative Summer Library Program.
- Developed Kids Reading Across Rhode Island, a one book/one state program for youth in grades 3-6, in partnership with the RI Center for the Book.
- Implemented continuing education programs for children's and teen librarians.
- Advised the RI Children's Book Award committee, a children's choice award (grades 3-6).

Providence (RI) Public Library — 6/96-6/09
Coordinator of Children's Programs (11/01-6/09)
Educational Support Services Coordinator (9/00-11/01)
L.A.R.K. (Learning and Reading Kits) Coordinator (6/96-9/00)

- Coordinated the development, promotion, and circulation of LARKs, kits containing thematic library materials, to preschool child care providers and educators in Rhode Island.

- Co-coordinated the Cradle to Crayons early literacy program series for families with children ages 1 to 3 in all 10 Providence Public Library locations.
- Collaborated with the library's two bilingual outreach specialists on a Bilingual Young Author's Story Writing Contest and a Día de los Niños: Día de los Libros celebration each spring (2000 - 2009).
    - 2004 Estela & Raúl Mora Award from Reforma
    - 2007 Designated a Día "Super-Site" and received a $5,000 grant from ALSC
- Assisted in managing the library's relationship with the Providence after School Alliance, serving Providence middle school students, including: grant writing; program evaluation; and, serving on a coordinating council.
- Co-coordinated the library's efforts as a partner in a city-wide collaboration, spearheaded by Ready to Learn Providence, designed to prepare children to enter school ready to learn: planned new outreach activities for Spanish speaking families and child care providers; redesigned Cradle to Crayons into a bilingual program; and, created 60 new circulating early literacy kits in Spanish and 20 new kits for toddlers (2002-2009).
- Eisenhower Professional Development Grants, partnership among Providence Public Library, Providence Public School Department, University of Rhode Island, and Rhode Island College: 80 Providence teachers designed innovative math, science, and literature kits for parents and teachers (grades K to 6) that met Standards and circulated from the Providence Public Library (1997-2001).

School Library Media Specialist Columbia, SC
Hopkins Elementary School 8/94-5/96

Professional Memberships and Activities

FabNewport Board (2020 – present)

Collaborative Summer Library Program
- Elected to Executive Board, Inclusion/Diversity Chair (June 2014 – May 2016)

American Library Association
- Co-Presented a *Ready for K!* poster session at the 2015 ALA Conference with PCL's Program Coordinator.
- Presented Providence Public Library's school-library partnerships on a 2004 ALA Conference panel.

Public Library Association
- Co-presented Providence Public Library's partnership with Ready to Learn Providence at PLA (March 2006).
- Presented Eisenhower grant projects with Providence School Department's Literacy Coach Coordinator at PLA (March 2000).

RI Center for the Book
- RI Center for the Book Board (September 2015 – present)
- Program Committee for Kids Reading Across Rhode Island (2010 – 2018)
- Program Committee for Reading Across Rhode Island (2002 – 2014)

Awards
- 2006 *Library Journal* Mover & Shaker in the area of Literacy & Learning.

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Providence Community Libraries

Address: 441 Prairie Ave

City: Providence

State: RI: Rhode Island Zip Code: 02905

B. Unique Entity Identifier (UEI): GLVSKABENWT8

C. Applicant/Recipient Point of Contact

Name: Nathaniel Ramos

Phone: Ex. 6 Personal Privacy (PP)

Email: nramos@clpvd.org

Title: Bilingual Community Education Coordinator

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

n/a

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

n/a

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

n/a

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95) ☒ Yes ☐ No

a. Do the methods of notice accommodate those with impaired vision or hearing? ☒ Yes ☐ No

b. Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications? ☒ Yes ☐ No

c. Does the notice identify a designated civil rights coordinator? ☒ Yes ☐ No

VIII. Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a)) ☒ Yes ☐ No

IX. Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974)) ☒ Yes ☐ No

X. If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.

Maria Melvin
Human Resources Manager
708 Hope St, Providence, RI, 02906
mmelvin@clpvd.org
Ex. 6 - Personal Privacy (PP)

XI. If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.

Maria Melvin
Human Resources Manager
708 Hope St, Providence, RI, 02906
mmelvin@clpvd.org
Ex. 6 - Personal Privacy (PP)

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Cheryl Space	Bilingual Community Education Coordinator	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Dr. First Name: Nathaniel Middle Name:
Last Name: Ramos Suffix: Jr.

Title: Bilingual Community Education Coordinator

Complete Address:

Street1: 441 prairie ave
Street2:
City: Providence State: RI: Rhode Island
Zip / Postal Code: 02905 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: nramos@clpvd.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: First Name: Sara Middle Name:
Last Name: Huber Suffix:

Title: Office Manager

Complete Address:

Street1: 708 Hope Street
Street2:
City: Providence State: RI: Rhode Island
Zip / Postal Code: 02906 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: shuber@clpvd.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: First Name: Sara Middle Name:
Last Name: Huber Suffix:

Title: Office Manager

Complete Address:

Street1: 709 Hope St
Street2:
City: Providence State: RI: Rhode Island
Zip / Postal Code: 02906 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: shuber@clpvd.org

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** Dr. **First Name:** Nathaniel **Middle Name:**

Last Name: Ramos **Suffix:** Jr.

Title: Bilingual Community Education Coordinator

Complete Address:

Street1: 441 Prairie Ave

Street2:

City: Providence **State:** RI: Rhode Island

Zip / Postal Code: 02905 **Country:** USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: nramos@clpvdd.org

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier: 004571200

5b. Federal Award Identifier: EPA-R-OEJECR-OCS-23-01

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Providence Community Libraries

* b. Employer/Taxpayer Identification Number (EIN/TIN): 36-4640304

* c. UEI: GLVSKABENWT8

d. Address:

* Street1: 441 Prairie Ave
Street2:
* City: Providence
County/Parish:
* State: Ex. 6 Personal Privacy (PP)
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 02905-2028

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Dr.
* First Name: Nathaniel
Middle Name:
* Last Name: Ramos
Suffix: Jr.

Title: Bilingual Community Education Coordinator

Organizational Affiliation:

* Telephone Number: Ex. 6 Personal Privacy (PP)
Fax Number:

* Email: nramos@clpvd.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Environmental Justice and Community Resilience through Providence Community Libraries

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: RI-001 * b. Program/Project: RI-All

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 * b. End Date: 11/01/2025

18. Estimated Funding ($):

* a. Federal	495,048.40
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	495,048.40

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Dr. * First Name: Nathaniel

Middle Name:

* Last Name: Ramos

Suffix: Jr.

* Title: Bilingual Community Education Coordinator

* Telephone Number: Ex. 6 Personal Privacy (PP) Fax Number:

* Email: nramos@clpvd.org

* Signature of Authorized Representative: Cheryl Space * Date Signed: 04/14/2023

hT8Z+50pivkZIDoJzZIEgtAH7Ag=

Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

EJCPS at Providence Community Libraries

Providence Community Libraries
441 Prairie Ave
Providence
RI: Rhode Island
02905

GLVSKABENWT8
Nathaniel Ramos
Ex. 6 Personal Privacy (PP)
nramos@clpvd.org
Bilingual Community Education Coordinator
N: No
n/a
n/a
n/a
N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Maria Melvin
Human Resources Manager
708 Hope St, Providence, RI, 02906
mmelvin@clpvd.org
EX. 6 - Personal Privacy (PP) X
Maria Melvin
Human Resources Manager
708 Hope St, Providence, RI, 02906

mmelvin@clpvd.org
EX. 6 - Personal Privacy (PP) X EX. 6 Personal Privacy (PP)
Cheryl Space
Bilingual Community Education Coordinator
2023-04-14

1234-EPA Grant 2023 Workplan.pdf
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1235-Letter of Support South Providence and Mount Pleasant Libraries_Signed.pdf
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1236-Support Letter for South Providence Library3.24.23.docx
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1237-Groundwork.pdf
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1238-mt pleasant library.docx
application/vnd.openxmlformats-officedocument.wordprocessingml.document
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1239-Community Assessment Summary Prez (Eng).pdf
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1240-Estimate_1099_from_Cassana_HVAC.pdf
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1241-Special considerations.pdf
application/pdf
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1242-EJCPS Blank Logic Model Template .pdf
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1243-EPA Grant 2023 Workplan.pdf
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Providence Community Libraries
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441 Prairie Ave
Providence
RI: Rhode Island
02905-2028
USA: UNITED STATES

Dr.
Nathaniel
Ramos
Jr.

Bilingual Community Education Coordinator
Ex. 6 Personal Privacy (PP)
nramos@clpvd.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

Environmental Justice and Community Resilience through Providence Community Libraries
1245-Special considerations.pdf
application/pdf
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c. Program is not covered by E.O. 12372.
N: No
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Dr.
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Cheryl Space
2023-04-14

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USA: UNITED STATES

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Cheryl Space
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Ex. 6 Personal Privacy (PP)

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EDUCATION

2019 Ph.D., Florida State University. Major: Information. Supervisor: Lorri Mon. Ramos, N. (2019). *Smartwatch adoption within the running community*. Unpublished doctoral dissertation, Florida State University.

2012 MLIS, College of Education, University of Denver.

2009 B.A. Journalism, College of Communication, Colorado State University

PRESENTATIONS

Ex. 6 Personal Privacy (PP) (2018). Smartwatches and runners: Factors in adoption and the use of information. *FSU iSchool Fall 2018 colloquium*. Tallahassee, FL. November, 30, 2018.

Ex. 6 Personal Privacy (PP) (2018). Smartwatch adoption amongst runners. *iConference Doctoral Colloquium*. Sheffield, England. March, 25, 2018.

Ex. 6 Personal Privacy (PP) (2016). Science and Technology. *Celebration of Star Trek*. DePaul University, Chicago, US. May 7, 2016.

Ex. 6 Personal Privacy (PP) (2016). Star Trek, The Matrix, and the world of tomorrow. *FSU iSchool Presents*. Tallahassee, FL. March, 30, 2016.

Mon, L. M. (2012–2013). *Faculty sponsor, FSU iSchool doctoral student team at iSchools iConference 2013 Social Media Expo*. iConference 2013 Microsoft Research FUSELabs, Social Media Expo 2013.

Ex. 6 Personal Privacy (PP) (2012). Solving Advanced Problems Through Applied Research. *National Archives and Records Administration Student Symposium*. Washington, D.C. July, 31, 2012.

Poster Presentations

Ex. 6 Personal Privacy (PP) (2018). Running for information: The adoption of smartwatches amongst marathon runners. *Association for Library and Information Science Education (ALISE)*. Denver, CO. February 6-9, 2018.

Teaching Experience

University of Rhode Island

Public Library Service *(LSC 521)*
Professor Summer 2022, Spring 2023

Florida State University

Information Technology *(LIS 3353)*
Teaching Assistant, Fall 2017, Spring 2018, Fall 2018

Social Media Management *(LIS 4380)*
Teaching Assistant, Summer 2018

Technical Communication for Information Professions *(LIS 3021)*
Teaching Assistant, Spring 2018

Introduction to Website Design *(CGS 2821)*
Teaching Assistant, Spring, 2016

IT Leadership *(LIS 4480)*
Teaching Assistant, Summer 2015

User Centered Design *(LIS 4351)*
Teaching Assistant, Spring 2015

Network Administration for the Information Professional *(LIS 4488)*
Teaching Assistant, Spring 2015

Database Concepts *(LIS 2780)*
Teaching Assistant, Summer 2014

Information Science *(LIS 3267)*
Instructor Spring 2014, Fall 2014

Spreadsheets for Business *(CGS 2518)*
Teaching Assistant, Summer 2013

Research and Data Analysis *(LIS 3201)*
Teaching Assistant, Spring 2013

Information Science *(LIS 3267)*
Teaching Assistant, Fall 2012, Fall 2015

Service Experience

Agraphia Doctoral Student Writing Group

-Doctoral Student Leader (2017-2018)

Research Committee

-Doctoral Student Representative (2014-2016)

Professional Experience

University of Rhode Island **July 2022 - Present**
Adjunct Professor

-Teach LSC521- Public Library Service course
-Teach other courses based on departmental needs
-Develop materials for accelerated 7 week course
-Respond to student questions in a timely manner

Community Libraries of Providence **July 2022 - Present**
Bilingual Community Education Coordinator

-Serve as part of the CLPVD administrative team supervising library system
-Supervise South Providence Library daily operations
-Temporarily supervise Knight Memorial Library Dec. 2022 - June 2023
-Write local, state, federal and private grants
-Oversee Citizenship, ESOL, GED, and collaboration with College Unbound
-Develop library programming for teens, adults, and seniors
-Serve on 02905 Health Equity Zone Steering Committee
-Manage South Providence Library budget
-Manage staff personal development

Community Libraries of Providence **June 2021 - June 2022**
Olneyville Library Manager

-Oversee Olneyville Library daily operations
-Manage federal grant with Network for National Library of Medicine
-Offer bilingual library services
-Develop library programming for teens, adults, and seniors
-Develop relationships with community
-Manage budget
-Manage staff personal development

High Plains Library District **Oct. 2020 - June 2021**
Substitute Librarian

-Develop library programming
-Serve as person in charge
-Provide reference assistance
-Assist patrons in finding materials
-Technology instruction
-Manage library materials and resources

REFORMA Colorado **July 2020 - July 2021**
President

-Oversee the operation of REFORMA Colorado
-Expedite the business of the organization
-Officially represent REFORMA Colorado and build relationships with other organizations
-Create and distribute annual report
-Create and delegate responsibilities to special committees

REFORMA Colorado **Dec. 2019 - June 2020**
Vice President

-Chair annual conference
-Assist in carrying out the duties of the President
-Assume the duties of the President in the President's absence or incapacity
-Assume the duties of President after serving one year as Vice President

National Archive and Records Administration **June 2012 - Aug. 2012**
Applied Research Intern

-Manage 1940s Census and digital transfer to researchers
-Beta testing software for library wide deployment
-Computer repair
-Create presentation on importance of data visualization projects at archive
-Data collection for super computing labs
-Manage workshops by third party vendors

Boulder Public Library **Jan. 2012 - June 2012**
Practicum Scholar
-Assist catalogers in inputing data
-Create a 3D map of BPL for Google Maps
-Improve digital presence of BPL
-Assist other departments as needed

Denver Public Library **Aug. 2010 - June 2012**
Denver Public LEADers Fellowship

-Learn the operations of DPL libraries
-Work across DPL library system to understand library positions
-Attend seminars and workshops to learn best practices
-Volunteer at libraries across the DPL system and perform various functions including storytime, reference, and various other tasks

U.S. Senator Michael Bennet **May 2009 - Sept 2009**
Finance Intern

-Conducted research into political donors using social media and various databases
-Managed money at fundraising events
-Worked with planning committee in conducting fundraisers
-Assist in policy and research projects

HONORS AND AWARDS

-Bill and Melinda Gates Scholar
-Daniels Fund Scholar
-Hispanic Association of Colleges and Universities Scholar
-Latin American Education Foundation Scholar
-iConference Doctoral Colloquium 2018
-2019 Emerging Scholars International Conference on Sport & Society

Non-Academic Experience

Apple Inc. **Jan. 2015 - July 2016**
At-Home-Advisor

-Certified in iOS, Mac OS, Watch OS
-Identified hardware and software issues
-Maintained high customer satisfaction scores
-Trained customers in performing additional functions
-Used KMS to troubleshoot complex problems

Apple Inc. **Oct. 2009 - June 2011**
Specialist

-Guided customers in purchasing decisions
-Hosted training seminars and classes open to the public
-Hosted individual training courses
-Managed traffic flow in store
-Repaired iOS devices

Sigma Lambda Beta **May. 2007 - May. 2009**
President

-Led organization to 2009 CSU Student Organization of the Year Award
-Led organization to 2009 CSU Fraternity of the Year Award
-Work with community on cultural programming including public library
-Perform risk management for all events
-Oversee recruitment and retention of members

-Oversee grant writing
-Oversee fundraising

AT&T **May 2007 - April 2008**
Retail Support Channel

-Analyzed cell phone usage
-Guided customers in purchasing decisions
-Technical support for various electronic devices
-Trained in cell network function

Colorado Rapids **May 2006 - Sept. 2006**
Media Relations Intern

-Oversee and produce all Spanish content/social media for Rapids Media Group
-Write and distribute club-related press releases and advisories
-Oversee production of teams game notes and postgame recaps and notes
-Provide statistical analysis and research for news media
-Assist with coordination of club press conferences and events
-Present at every team function (games, practices, community events, fundraisers, etc.) to assist with any media coverage or statistical inquiries that may arise

Windsor Tribune **Aug. 2007 - May 2008**
Reporter

-General assignment reporter
-Covered health care
-Covered high school sports
-Wrote special interest stories

CTV 11 **Aug. 2004 - May 2008**
Reporter

-Edited audio
-Edited video
-Filmed footage for news and sports programming
-Hosted music video show
-Interviewed individuals for news stories
-Met strict deadlines

90.5 KCSU **Aug. 2005 - May 2007**
Reporter

-Hosted two hour music program
-Sports talk show personality
-Wrote and reported traffic updates

Rocky Mountain Collegian **Aug. 2004 - May 2008**
Reporter

-Beat writer for NCAA tennis
-Beat writer for NCAA softball
-Photographed athletic events when no photographer was available
-Wrote additional news articles as requested

Eagle Eye Newspaper **Sept. 2001 - May 2005**
Editor in Chief

-Edited all writing in newspaper
-Editor of entertainment section of newspaper
-Made certain content was accurate and fact checked
-Managed publishing of newspaper
-Worked with advertising department to raise funds for newspaper
-Wrote editorial, news and sports articles

City of Providence, Rhode Island
Emergency Management Agency
& Office of Homeland Security

Letter of Support: South Providence and Mount Pleasant Libraries

To Whom It May Concern,

The Providence Emergency Management Agency (PEMA) would like to express our full support and admiration for the Community Libraries of Providence, and all of the amazing and essential work they do to enhance the safety, education, wellbeing, and quality of life for the nearly 200,000 residents of Providence. In particular, the South Providence and Mount Pleasant Libraries, which serve some of the Cities most underserved populations, and areas of greatest need.

South Providence and Mount Pleasant Libraries are absolutely essential facilities for PEMA. The Agency consistently partners with these locations on multiple endeavors – from utilizing these locations as Emergency Cooling Centers in the summer, Emergency Warming Centers in the winter, community information hubs in support of public health and safety efforts, COVID-19 response partners, emergency information distribution hubs – without the continued partnership with Community Libraries of Providence, PEMA would simply not be able to execute a full community approach to these programs. Additionally, the Libraries are prefect locations for warming and cooling centers as they provide access to free programs, computers, WiFi, and resources. PEMA is able to provide water, masks, sanitizer, and funding for Sunday hours, allowing for these locations to support many efforts.

As PEMA continues to build community resilience and preparedness around climate change and changing environmental conditions, the partnerships we rely on today with the Community Libraries of Providence will only increase. PEMA also seeks to combat heat islands in the City, and Environmental Justice inequities – with the Community Libraries serving as perfect locations to do so. Therefore, the investment in South Providence and Mount Pleasant Libraries will allow these programs to not only continue, but expand in scope over the coming years. Additionally, the use of "green" HVAC systems serves as a positive model within the City.

Lastly, it should be noted that the Community Libraries of Providence believe in and drive the qualities of community stewardship and inclusiveness in all they do. All are welcome, and this shows. These qualities directly align with PEMA's vision of a whole-community, comprehensive emergency management program, further cementing our continued and effective collaboration.

Respectfully,

Clara Decerbo, PhD, CEM
Director of Emergency Management

Ex. 6 - Personal Privacy (PP) / PEMA@providenceri.gov / readyprov.com

Nourishing A Community: Growing Solutions to Food Insecurity, Food Waste, and Community Resilience to Climate Change and Crisis.

Program Objective

The Windham Community Food Network, fiscally sponsored by CLiCK, is focused on redistributing resources already in our community to build a sustainable alternative food system. As a result we host a gleaning operation that collects excess seeds, seedlings, and produce from local nurseries, farmers and community members and redistributes them to individuals and pantries in need in our community. Excess produce that is collected that cannot be immediately distributed is processed by CLiCK into value-added products to be used at a later date, such as surplus tomatoes into tomato sauce or frozen kale. This project increases capacity in those areas and develops a compost program that is essential to building a closed loop alternative food system that **minimizes food waste** from our community and provides **resiliency within the food system** to mitigate the impact of climate change and other crises.

Description of Community and Organization

Communities within Tolland and Windham counties consist of a unique mixture of small agricultural producers, universities, urban clusters, and small towns dotted throughout this region, sometimes referred to as the "Quiet Corner" of Connecticut. Residents include a diverse population of college students, working poor, undocumented workers, ALICE (Asset Limited, Income Constrained, Employed) households, and aging populations. This project will benefit farmers in northeastern Connecticut, low-income and food-insecure residents of Windham, Willimantic, Mansfield, and surrounding rural towns of Ashford, Willington, and Chaplin, local food businesses and university students.

Without action to adapt, climate change is likely to result in increased food insecurity in the "Quiet Corner." Furthermore, the **impacts of climate change** on food systems and human health will not be evenly distributed but instead be disproportionately felt by particular segments of the community, including children and the elderly, communities of color and low-income families. Without targeted intervention, climate change will deepen existing inequities and exacerbate public health crises. Action to build a more resilient, equitable system of food production, and distribution must also consider the impacts on greenhouse gas emissions that contribute to climate change. Currently, agricultural and food production land use are a significant contributor to climate change, largely through methane and nitrous oxide. When food is wasted, water and land resources are also wasted. Additionally, combustion of food waste in waste-to-energy plants and decomposition of food waste in landfills contribute to pollution. Meanwhile, wasting food is happening simultaneously while many residents are experiencing severe food insecurity. A reduction in food waste could have substantial effects in both food insecurity and environmental impacts.

CLiCK, Inc. (Commercially Licensed Cooperative Kitchen) is a 501c3 non-profit in Windham, Connecticut. CLiCK's mission is to *Grow, Cook, Share*: Recognizing the historical and institutional injustices of the American food system, CLiCK aims to grow a locally-based, just, healthy, and sustainable food economy. CLiCK's facility is located at 41 Club Road, Windham, CT, 06280. CLiCK operates out of a single building, built over

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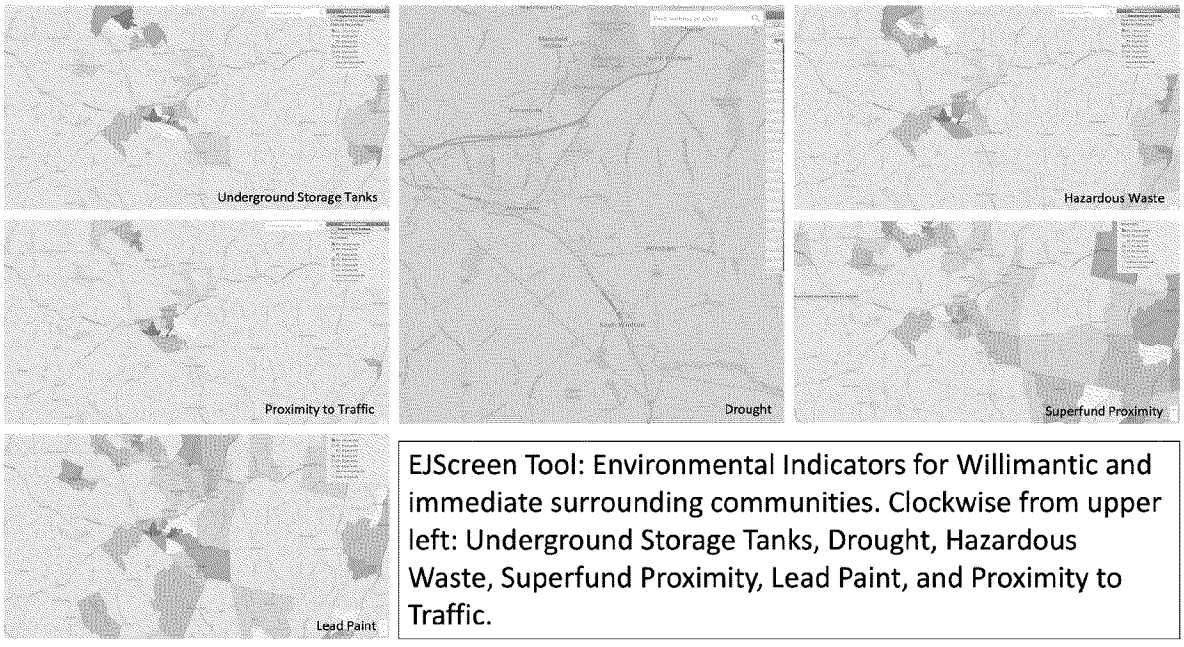
50 years ago for the Knights of Columbus and purchased by CLiCK in 2014. The building is 6,482 square feet, of which 2,095 square feet is commercial kitchen usage. The commercial kitchen began operation in February 2015. It currently houses 28 kitchen member businesses, ranging from well-established year-round businesses to farmer's market and food truck vendors to those who are just beginning on the certifications required to establish their businesses.

CLiCK and the other project partners have ongoing relationships with local producers as well as food vendors. CLiCK coordinates a non-profit commercial shared-use kitchen facility providing local farmers and culinary entrepreneurs access to affordable commercial kitchen space for food processing and storage, allowing them to develop food businesses in the economically distressed urban area of Windham, Connecticut and surrounding towns. CLiCK has secured funding in the past from the CT Dept of Agriculture for Farmer Viability and Farmer Value-added Products programs as well as USDA Rural Business Development grants to support new farmer businesses. Aspiring entrepreneurs, including local farmers, join CLiCK's membership structure to access kitchen space, storage space, and shared retail space, as well as a network of local culinary entrepreneurs, food safety training classes, licensing, business support, product marketing and more.The CliCK Kitchen is a multi-cultural, multi-service kitchen connecting farmers, chefs, and food-lovers. Our producers buy local ingredients, support local farms, and help to grow our local economy — right here in Windham County.

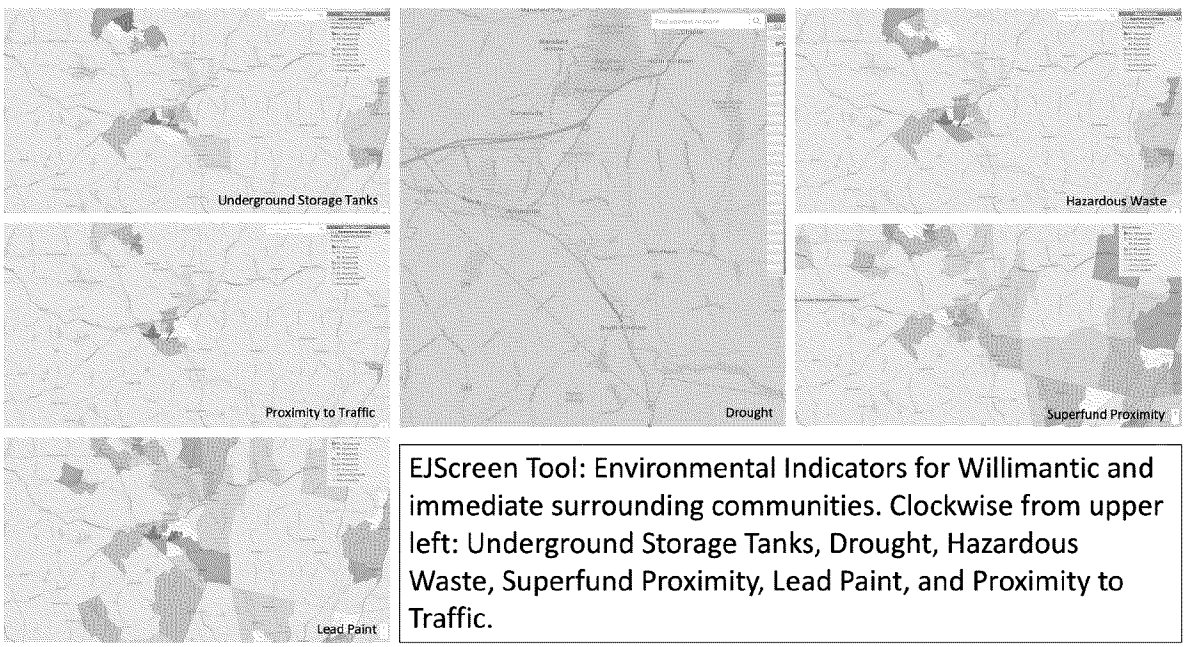
The Windham Community Food Network (WCFN), fiscally sponsored by CLiCK, works to create a more just and resilient local community and food system, by integrating local food system stakeholders in order to identify local needs and opportunities and meet them using local resources. WCFN members include community members, farmers, businesses, food assistance providers, social service agencies, municipal partners, and schools. A constituent-led food pantry, **Community Table/Mesa Comunitaria** (CT/MC) started by the WCFN, that increases access to nutritious food and community voice. Originally a response to COVID-19, the program has continued beyond initial funding through crowdfunding, shareholder participation and integration with other local food resources. The program delivers weekly boxes of food to 25 families, with an emphasis on reaching Latinx women, teens and elderly in Willimantic. These boxes are filled with food gleaned from local farmers, gardeners and pantries and supplemented with items purchased through community fundraising efforts. Stipends are provided to recipients to play a role in administering the program.

Our goal is to create a **self-sustaining local food system** that centers those most affected by the current inequity in the mainstream food system and redistributes resources already existing in our community. As a result, food grown and distributed here should reflect true constituent wants instead of just meeting basic needs. While significant work has taken place in the "Quiet Corner" to address **public health, food systems, climate mitigation and resilience, there has yet to be a collaboration targeting the environmental and public health impact of reducing food waste.** This project intends to bridge this gap by creating a self-sustaining gleaning and composting program that benefits both farmers and marginalized/ low-income individuals in Eastern Connecticut.

Summary of EJScreen Community Data



EJScreen Tool: Environmental Indicators for Willimantic and immediate surrounding communities. Clockwise from upper left: Underground Storage Tanks, Drought, Hazardous Waste, Superfund Proximity, Lead Paint, and Proximity to Traffic.



EJScreen Tool: Environmental Indicators for Willimantic and immediate surrounding communities. Clockwise from upper left: Underground Storage Tanks, Drought, Hazardous Waste, Superfund Proximity, Lead Paint, and Proximity to Traffic.

Programmatic Capability and Past Performance

The Windham Community Food Network (WCFN), fiscally sponsored by CLiCK, works to **create a more just and resilient local community and food system**, by integrating local food system stakeholders in order to identify local needs and opportunities and meet them using local resources. WCFN members include

community members, farmers, businesses, food assistance providers, social service agencies, municipal partners, and schools. Our goal is to create a self-sustaining local food system that centers those most affected by the current inequity in the mainstream food system and redistributes resources already existing in our community. As a result, food grown and distributed here should reflect true constituent wants instead of just meeting basic needs. This project intends to bring us closer to this goal by creating a self-sustaining gleaning program in Eastern Connecticut that benefits both farmers and marginalized/ low-income individuals in Willimantic, CT.

In 2019, the WCFN launched one of the f**irst organized gleaning programs in the state**. Beginning with two local farms we have been able to expand to four partners where we harvest excess produce and donate it to **local food pantries**. Farmers receive a stipend for their participation guaranteeing them income and an outlet for their surplus produce. To date the program has prevented over 8,396 lbs of produce from being wasted. We also glean seedlings and seeds from these partners and local nurseries and distribute these to local home gardeners through our Plant-A-Row program. These gardeners also donate back any surplus produce resulting in an additional 2,983lbs, not including any produce kept by these individuals to feed their families.

In 2020, the WCFN started **Community Table/Mesa Comunitaria (CT/MC), a constituent-led food pantry** that increases access to nutritious food and community voice. Originally a response to COVID-19, the program has continued beyond initial funding through crowdfunding, shareholder participation and integration with other local food resources. Both the participation of its recipients and fundraising support demonstrates the community's commitment to the program to continue and evolve. The program delivers weekly boxes of food to 35 families, with an emphasis on reaching Latinx women, teens and elderly in Willimantic. Stipends are provided to recipients to play a role in administering the program. These boxes are filled with food gleaned from local farmers, gardeners and pantries and **supplemented with value added products**.

In 2021, after noticing large influxes of produce over short bursts of time that overwhelmed pantries, we **partnered with CLiCK to process this surplus into value-added products that could be saved for when supplies dropped**. Cucumbers were processed into pickles, tomatoes were made into tomato sauce and kale was chopped and frozen.Shelf stable food, while still providing some nutrients to consumers, tends to contain excessive amounts of ultra-processed, calorie-dense, nutrient poor foods, which is reflected in unequal distribution of obesity, diabetes, and heart disease in low-income communities. By creating a stable source of nutritious, available shelf stable foods, we are addressing the **public health crisis** of metabolic diseases.

In Spring 2022 we placed a **24 hour community fridge** at the Willimantic Whitewater Park to broaden our reach; being placed strategically near a major homeless campsite so it's most accessible to those who need it. It's become a community space where gardeners, farmers, or individuals can donate food.

After establishing these systems we feel the WCFN is ready to expand our program again and develop strategies to create a self-sustaining program that will sell a line of value-added products that contribute to a financially self-sustaining structure within the food network.

The Windham Community Food Network has partnered with CLiCK to develop the **Willimantic Composting Coalition.** It is a multi prong composting approach in our community that focuses on reducing consumer/processing waste as well as education for consumers and businesses. As composting food waste not only reduces pressures on landfills, it also reduces the amount of methane that is realized during composition. Since 2017 we have operated 3 Waste Not Tents at a monthly (May-September) street festival in Willimantic, CT. Trash cans are removed or covered in the street and participants must dispose of their waste at one of our three tents. Each tent has a compost, can/bottle, recycling and landfill container. Community Advocates (volunteers who receive a stipend for their work with the project) help attendees sort their waste into the appropriate receptacle and educate the public on the correct methods for composting and how they can reduce their own waste. Attendees at these events are also encouraged to bring their own food scraps from home to dispose of. Each event is attended by 4,000-8,000 people, 100 vendors and 13 food vendors.

In 2019 we expanded our Waste-Not tent operations to include the Downtown Country Fair and Veggiestock. In 2021, we were contracted by Willimantic Brewing Company to manage the waste at Hop Fest, an annual beer festival attended by over 1,000 people. Working with event organizers we have developed policies to ensure that compostable flatware and dishes are used by food vendors at each event. CLiCK buys these compostable products wholesale and resells them to vendors to make it the most affordable option for these businesses.

In 2022, CLiCK began their in-house commercial composting program that generated a 551% increase in the amount of compost collected from members between February-September.

EJCPS Model

1. Issue Identification, Visioning, and Strategic Goal-Setting

The COVID-19 pandemic crisis resulted in a tremendous amount of food waste threatening community **resiliency**, while at the same time increased **food insecurity** in Windham. In response, The Windham Community Food Network (WCFN) worked to address this crisis-driven food issue by coordinating food donations, identifying available refrigeration space, and redistribution to feeding agencies. We built a comprehensive crisis network during this time to connect food suppliers with excess food to agencies feeding people. However, grocery stores and restaurants around us were throwing out large quantities of fresh food that we could have saved if we had a way to process it immediately.

Subsequently, CLiCK engaged in a small pilot program with the WCFN to process produce from GROW Windham and CLiCK's gardens into shelf-stable food products to return to food boxes (delivered to low-income families and pantries) as needed. CLiCK expanded the Food Rescue Program, working collaboratively with WCFN partners to accept, store, and process fresh produce from local farms, stores, and restaurants to ensure that excess food; that cannot be used by the Covenant Soup Kitchen or other local food pantries due to large quantities; were returned to these feeding programs to distribute at a later time when food donations are low.

Cumulatively, these community-based programs work to decrease food insecurity, reduce waste, and increase resiliency in our food system.

2. Community Capacity-Building and Leadership Development

Vision Statement Among Community Partners

Our goal is to create a self-sustaining local food system that centers those most affected by the current inequity in the mainstream food system and redistributes resources already existing in our community. As a result, food grown and distributed here will reflect true constituent wants instead of just meeting basic needs.

Mutual-aid is the framework we use to move toward local resilience and equity. This means facilitating projects and institutions that are driven by community members to promote equitable access- to power and resources - within the community. Food assistance infrastructure and decision-making is currently driven by funders and service providers rather than constituents. We seek to shift our role from "provider" to "ally" in this process by supporting marginalized voices to organize themselves to improve access to nutritious and culturally appropriate food at the immediate and root causes of this issue.

Our entry to this vision of community is through food access. In the US, food is treated as a commodity, rather than a right. In order to access healthy food, one must have access to employment that provides a living wage. Immigrant community members are particularly vulnerable, and have limited access to employment opportunities. We aim to build self-resilience among Latinx immigrant households, by connecting them directly with - and giving them control over - food resources, reducing their dependence on income to purchase them. Providing economic incentives will further ease the financial burden. These incentives build equity into our budget, as they recognize the expertise and commitment of shareholders, and make sure that the time of everyone at the table - not just service providers - is valued. These incentives also build sustainability into the project, as they create space for shareholders - who would not otherwise be able to afford to donate their time - to develop the skills and experience necessary to take ownership moving forward.

3. Consensus Building and Dispute Resolution

This proposal is the result of a Regional Food Systems Partnership collaboration. This is framed around a values-based collective of producers, community advocates, and distribution programs. Ideas for this proposal are derived from an online survey and two convenings of the partnership, in which partners identified shared values, priorities, and project ideas integrating the twin needs for producer viability and equitable food access. Both groups of beneficiaries, producers and community members, have had a voice in the development of this proposal.

Participating farmers were consulted individually in the development of the proposal; the resulting consensus was that a values-based collective facilitated by CLiCK would be mutually beneficial. This proposal centers on a closed loop system, started with a gleaning operation that collects excess seeds, seedlings, and produce from local nurseries, farmers and community members and redistributes them to individuals and pantries in need in our community. Excess produce that is collected that

cannot be immediately distributed is processed by CLiCK into value-added products to be used at a later date, such as surplus tomatoes into tomato sauce or frozen kale. Partners identified that a compost program is essential to building an equitable and alternative food system that minimizes food waste from our community and provides resiliency within the system to mitigate the impact of climate change and other crises.

Community members have had a voice in the development of this proposal and the projects it supports at multiple levels. Most broadly, the partnership that developed this proposal includes Community Advocates, community members who identify and lead projects supported by the Windham Community Food Network. The Community Table/Mesa Comunitaria Foodshare at the heart of this proposal, was developed and is now maintained by two Community Advocates, who ensure recipient "shareholders" have a voice in all aspects of the projects. Finally, at the heart of the proposal is shareholder voice: they determine which products are distributed, decide logistics, and are compensated for packing and distribution of weekly food shares.

In the Community Table/Mesa Communitaria program specifically, shareholders are surveyed regularly on their wants for the program. This surveying effort drives the project as the goal is to customize each person's share to meet their individual needs.

4. Multi-Stakeholder Partnerships and Leveraging of Resources;

Project Partners

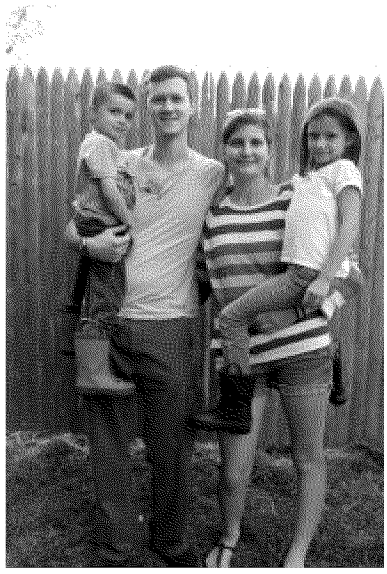
Windham Community Food Network

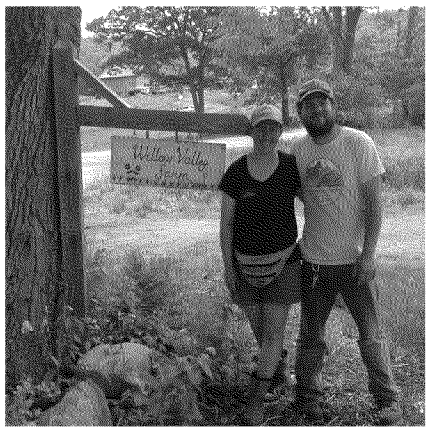
The WCFN has five years of experience procuring from small-scale producers in the area, all of whom are new, women-run farms. In that sense the Community Table/Mesa Comunitaria coordinated by WCFN is the "proof of concept" for this proposal. Currently, the WCFN provides a stipend to four farmers to facilitate gleaning on their farms, trains volunteers to assist with harvesting, and distributes the produce to community members who are without access to other resources. They also partner with CLiCK to facilitate processing and many local events and businesses to collect compost and community outreach.

Gleaning Partners

Brown Farm

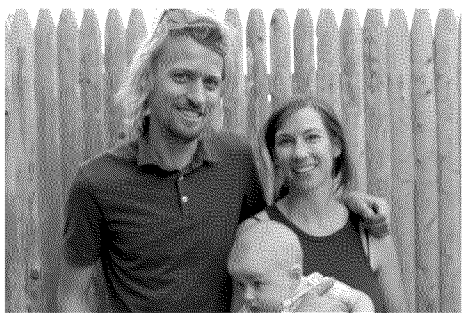
Brown Farm is located on 9 acres of land in Scotland, CT. Owners, Jenna and John Aldrich, operate a no-till/no-dig operation and without using chemical fertilizers, herbicides, or pesticides. Since 2020 they have partnered with the Windham Community Food Network as gleaning partners, specifically providing many specialty Latinx crops desired by our constituents.





Willow Valley Farm: Is a third generation family farm located on 64 acres in Willington, CT, run by Spencer Cartabiano and Jackie Kulig. Using sustainable growing methods they are committed to protecting the Fenton River watershed and creating a bountiful place for wildlife while providing healthy petrochemical free produce to their local community.
A gleaning partner since 2019 they have supplied thousands of pounds of root vegetables and seedlings to our pantries.

Sweet Acre: Charlotte Ross and Jonathan Janeway own and operate Sweet Acre Farm, a Certified Organic farm located in Lebanon, CT. Relying on the diversity of their crops, ecosystem and soil health they produce vegetables, small fruit, eggs and cut flowers for Farmers Markets, wholesale restaurant & grocery and their CSA (community supported agriculture) program. Becoming a gleaning partner in 2021 has provided them with another much needed outlet for crops that would have otherwise been left in their field due to time constraints and/or lack of demand.





Cobblestone Farm: Is owned and operated by Diane Dorfer in Mansfield, CT. The farm grows a wide array of vegetables specializing in heirloom varieties and varieties they've bred on farm to thrive in their specific ecosystem. Since becoming an inaugural gleaning partner in 2019 Diane has provided our program with thousands of pounds of produce.

Processing Partners

CLiCK: Further surplus produce is then transported to CLiCK to be processed into shelf-stable products and redistributed. CLiCK has produced pickles, tomato sauce, and frozen and canned fruits and vegetables.

Educational Partners

University of Connecticut- Spring Valley Student Farm

Spring Valley Student Farm (SVSF) sprouted in Spring 2010 from a project planted by Residential Life. Since that time SVSF has blossomed into a year-round community for eleven student farmers living in two UConn houses 4.5 miles off-campus.

The student farmers learn about sustainable community living, organic food growing methods, and the business aspects of how food is harvested, processed, and presented to the UConn dining community. As stewards and ambassadors of the farm, the student farmers support Spring Valley Student Farm as an educational destination where everyone may come together to learn and grow. Spring Valley's partnership in the gleaning program provides labor instead of produce like other farmers. Student farmers travel with the WCFN to harvest the gleaned items from our other gleaning partners listed above. This experience provides the farmers with educational opportunities to experience a variety of sustainable growing practices across several farms while also providing peace of mind to our farm partners that trained volunteers are responsible for harvesting during their busy growing seasons.

Eastern Connecticut State University- Institute for Sustainability, Public Health, and Student Interns

Eastern is Connecticut's only public liberal arts institution, transforming lives guided by the core values of academic excellence, engagement, inclusion, integrity, empowerment, and social responsibility. Eastern serves the Hispanic community and other students of color through partnerships with scholarship programs including the Hartford, Waterbury, and New Haven Promise, and the Hispanic Alliance of New London. Eastern is the largest partner of the TheDream.US Foundation, providing scholarships to undocumented students from states that have prohibited them from financial aid for higher education.

Eastern is a leader in sustainability work guided by the Institute for Sustainability (IS). In 2022, we were recognized by the Association for Advancement of Sustainability in Higher Education with a Gold rating, and for thirteen years, noted on the Princeton Review list of Green Colleges. The Institute aims to connect individuals, non-governmental organizations, businesses, and communities in Connecticut to meet the challenges of our changing climate and to provide high-impact experiences for Eastern students to apply their learning about sustainable development with our community partners.

In line with Eastern's liberal arts mission, The Institute engages students in transdisciplinary internships so that students studying geography, public health, environmental sciences, entrepreneurship, and many other disciplines can build capacity for food waste reduction and composting on Eastern's campus and across the WCFN. Public health students will conduct process, impact, and outcome evaluations for the proposed activities. Environmental science and geography students will learn about community-based food system change, and entrepreneurial students will gain hands-on skills through working with the composting business.

<u>Composting Partners</u>

Willimantic Food Co-op

The Willimantic Food Co-op is a member owned and operated food store. Started in 1978 it is the longest running food cooperative grocery store in Connecticut. Since 2018, the WCFN has managed compost and waste for their annual Downtown

Country Fair which draws 1,000 attendees. In an effort to further minimize waste each food vendor is provided with metal silverware for attendees to use.

Willimantic Brewing Company

Since 2021 Willimantic Brewing Company has contracted with CLiCK and WCFN to manage food vendors and waste management for their annual beer festival, Hopfest which draws 1,600 attendees.

Willimantic Renaissance

Willimantic Renaissance hosts a monthly (May-September) street festival, Third Thursday. The event draws 4,000-8,000 attendees each month. Since 2017, the WCFN has managed the 3 Waste-Not tents which sort waste and educate the public on proper recycling and compost techniques. Since 2021 CLiCK has managed their 13 food vendors, providing them with their own composting buckets for pre-consumer food waste and outreach on compostable dining ware products available for purchase.

Grounded Coffee Company

Since 2022, Grounded Coffee Company has contracted the WCFN to pick up pre and post consumer food waste from their business each week. It is delivered to CLiCK where it is composted.

5. Constructive Engagement by Relevant Stakeholders

Source Reduction Partners

GROW Windham's Windham Youth CORE

CLiCK also regularly partners with GROW Windham's Windham Youth CORE, a youth food system cooperative which builds career skills through social justice and food projects, including several community gardens in Windham. Using the CLiCK kitchen, the Youth CORE produces their own hot sauce, which is sold at the local farmers market and Willimantic Food Coop. However a majority of their produce is distributed through the WCFN's Community Table/Mesa Comunitaria program. Their crop production is informed with WCFN food preference survey data ensuring they grow culturally relevant food for our community which prevents waste through source reduction.

Willimantic Food Co-op (WFC)

Acts our procurement entity with over 40 years of contracting and purchasing from local farmers, expanding from a small local buyers club years ago to a thriving retail store with over 6,000 members today and long standing relationships with vendors. CLiCK began as a result of WFC members and others meeting together in 2009 to discuss the possibilities of a shared-use kitchen and ways to benefit local farmers. The WFC serves as a model and mentor in assisting CLiCK to achieve goals of expanding food aggregation and distribution in the community.

Waste Diversion and Distribution Partners

Willimantic Public Library

The Willimantic Public Library hosts the WCFN's seed library. The seeds, that have been gleaned from local farmers and nurseries, are put in a year round display where anyone (no library card required) can come pick out a selection of seeds they'd like to grow. This program helps support the WCFN's Plant-A-Row program that provides free gardening materials to community members to grow food to feed their families and donate any extra back to their community.

Willimantic Whitewater Partnership

The Willimantic Whitewater Partnership serves as the host site for the WCFN's Community Fridge Pantry. They provide a shelter and electricity while the WCFN maintains and stocks the fridge. The fridge, and its adjacent shelves, serve as a 24/7 pantry for community members who have trouble accessing traditional pantry models. No paperwork is required and recipients are allowed to take or donate as much as they would like. This has become a drop off site for community gardeners participating in our Plant-A-Row program and farmers with leftover produce after the Willimantic Farmers Market. In addition to residing in the same park as the Willimantic Farmers Market, it is also strategically placed near a largest homeless campsite ensuring increased access to food to these individuals.

Covenant Soup Kitchen

Realizing that people can be impoverished physically, mentally, emotionally, spiritually, socially and financially, Covenant Soup Kitchen provides food and access to basic services in an environment of care, love, support and safety to those individuals and families from the greater Windham community who come through our doors. They provide breakfast and lunch daily, dinner Friday and Saturdays and a food pantry open six days a week. As a gleaning recipient they are able to use the produce to stock their pantry for clients and use it in their meal preparations.

The Salvation Army

The Salvation Army food pantry operates food distributions to families in the Windham area twice a week. Their involvement in the gleaning program goes beyond just being a recipient of produce. They also provide the WCFN's Community Table/Mesa Comunitaria pantry with their own excess products. This allows their clients access to more fresh produce and our clients more access to items that we cannot source locally from our existing gleaning farms, such as milk or meat. The reciprocal exchange of resources allow both programs to more effectively feed our community and reduce food waste.

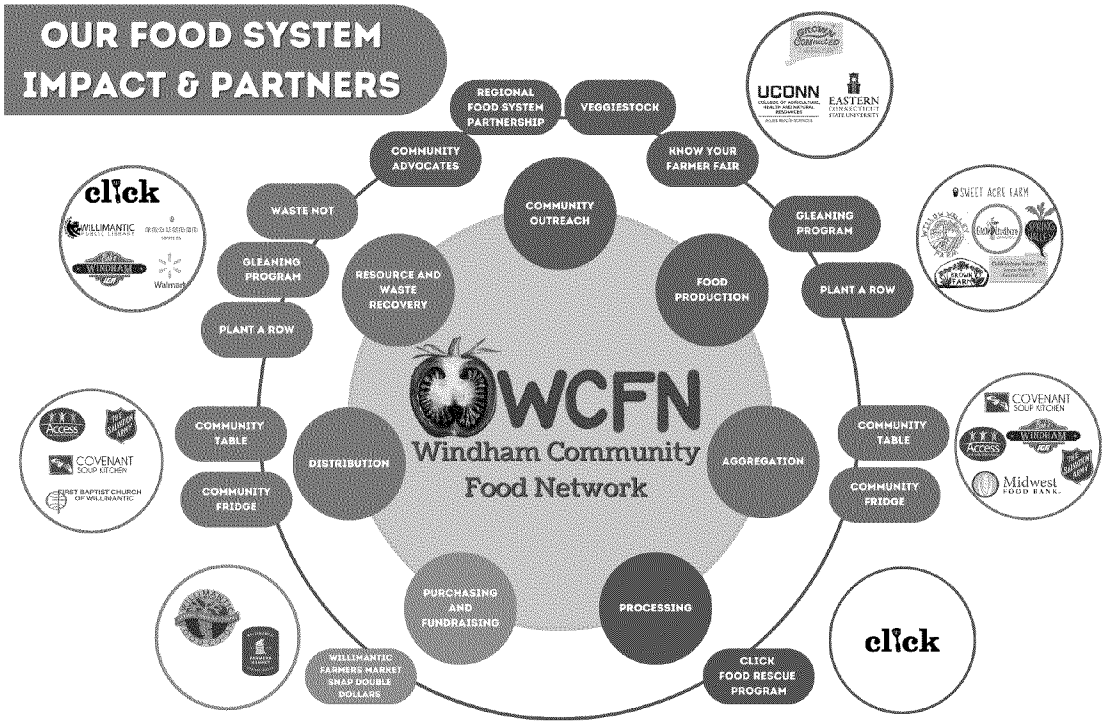
Access Agency

Access Agency operates food pantry sites in Willimantic and Danielson, CT along with a Mobile Food Van making stops in food insecure communities through Windham and Tolland counties. Like the Salvation Army, we hold a similar reciprocal relationship where we exchange needed food resources between the programs. Access

Agency also assists the WCFN to move large quantities of rescued food to its intended destinations with their Mobile Food Van.

First Baptist Church

The First Baptist Church in Willimantic operates the Community Suppers Ministry that networks local churches throughout Eastern Connecticut to provide dinner 5 nights a week. Volunteers from various partnering churches will cook in the First Baptist Church's community kitchen and serve meals to the public in their community space. During the early days of the COVID-19 pandemic when churches were not able to provide volunteers the WCFN organized a fundraiser to pay local restaurants to continue to cater these meals, providing much needed income to small businesses and emergency food assistance to community members. As churches have been allowed to reopen and host volunteers the WCFN continues to support their program by providing gleaned produce to ease their shopping budget, allowing them to serve more meals.

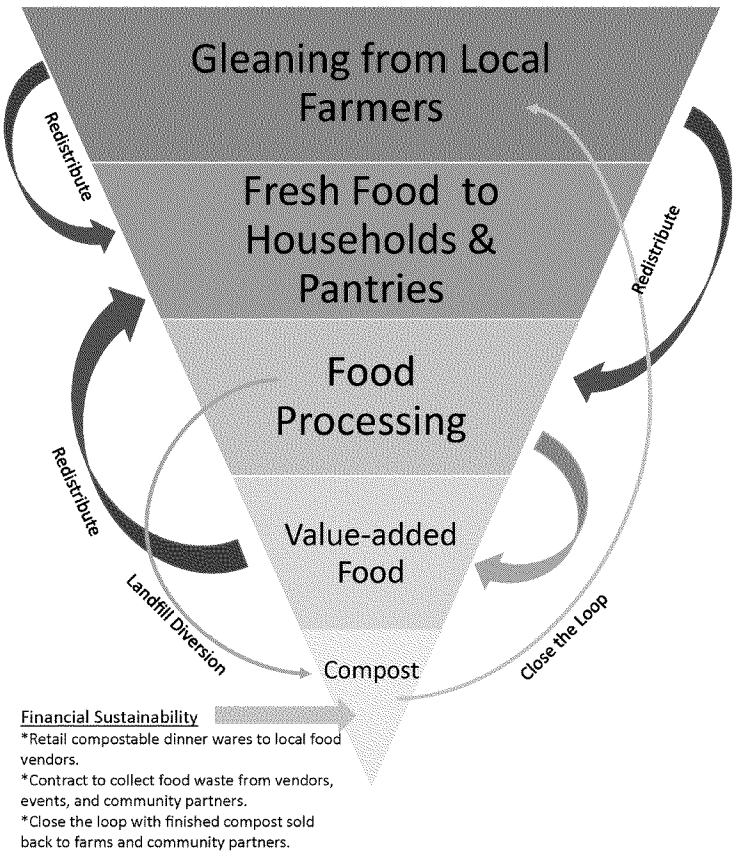


6. Evaluation Our evaluation activities are integrated into every step of our proposed project. Our academic partners at Eastern Connecticut State University are providing technical assistance, both in the preparation of our proposal to the process and evaluation measures for the environmental results and performance measurement plan. These evaluation efforts are most clearly seen in our logic model and in the project activities and milestone schedule.

Project Activities / Milestone Schedule / Detailed Budget Narrative

Due to the inherent interconnectedness of food systems, actions around food are uniquely suited to creating impact at the nexus of climate mitigation, resilience, health, and equity. Support from the EPA would elevate the community's enthusiasm around

this effort to generate deep buy-in and participation in a joint planning process and the implementation that will follow, and it would help us collectively move forward, re-energize stakeholders, and help maintain momentum. Funding of this project would expand our gleaning operation that collects excess seeds, seedlings, and produce from local nurseries, farmers and community members and redistributes them to individuals and pantries in need in our community. Excess produce that is collected that cannot be immediately distributed is processed by CLiCK into value-added products to be used at a later date. We believe developing a compost program is essential to building a closed loop alternative food system that **minimizes food waste** from our community and provides **resiliency within the food system** to mitigate the impact of climate change and other crises. A model of our proposed work is below:



Proposed Activities and Personnel

- *Proposed Project-Funded Personnel:* As evidenced in our narrative of the work we have done using the EJCPS model framework, the WCFN is committed to addressing the needs and wants of our community. Community members are provided stipends to participate in the administration of WCFN projects, ensuring a diverse set of voices beyond traditional service providers. Decisions are made collectively and informed through community wide surveying efforts. We practice transparency through public meetings and requesting solicitation for feedback on projects, materials and other resources from partners and community members via our listserv. Revisions are made based on these suggestions. Most recently the

WCFN has developed a rubric for community voice that was written collaboratively with food system stakeholders throughout Eastern Connecticut. The document outlines our priorities and values as well as a measurement system we can use to evaluate our work regularly to ensure we are honoring these commitments. Community equity is at the core of our engagement values and thus personnel are a key resource for this project.

- *Windham Community Food Network Coordinator* will act as the backbone for this project and will facilitate all the relationships between our partners (farmers, UConn student farmers, Eastern sustainability students, CT/MC shareholders and CLiCK). Our existing four farm partners have committed to staying a part of this project through the 2024 growing season. These roles will be responsible for project outcomes in coordination with the evaluator, will maintain communication between coordinators and develop training manuals/modules. They will also serve as oversee the professional development (education) for coordinators and administer & summarize community surveys about (1) Food insecurity (2) consumer preferences (3) pantry products. This person will host 36 strategic workshops for Coordinators (Gleaning, Processing, Composting), conduct 3 annual survey deployments, present results to Coordinators, project partners and stakeholders; build long-term database of key metrics including survey results, pounds harvested, and fresh/processed deliveries to all constituents, create a formal training manual/module for Coordinator Positions, standardization of survey deployment and routine use of results. These activities will ensure that underrepresented populations are leading in decision-making through surveying and outreach, that there is stability of the coordinator positions through use of training manuals/modules, continuity of community partnerships and communication and that the pantry deliveries respond to client needs/preferences through data-driven decisions based on community survey responses. The impact of these activities will be enduring reduced food insecurity and food waste, and an increase in community resilience to crisis and climate change.

- *Community Advocates (gleaning, processing, composting):* The "Community Advocate" Program was created in 2018 as an effort to involve more community members in the WCFN's work. This role is vital to our mutual-aid framework. We provide stipends to individuals who would not normally have the luxury of volunteering their time due to hectic work schedules, family and income needs. In exchange for this stipend, each Community Advocate devotes 10 hours a month towards bettering our local food system. Community Advocates serve as the line of communication between the WCFN and the community. They bring their issues to the WCFN table, where we work as a team to address them, and in return they inform their neighbors about WCFN projects, resources and initiatives.

Depending on which phase the advocates are working in (distribution, processing, composting), their role will vary. Distribution advocates would be responsible for the weekly distribution of food, gleaned by Spring Valley Student Farmers from our 6 farm partners, to 35 low-income households and 5 food pantries,

community fridge and CLiCK processing. Processing advocates will become Servsafe-certified, which is a technical training in food processing to promote food safety. This will increase the number of hours of kitchen use, which in turn increases the number of individuals receiving shelf-stable food. Additionally, they would train interns and community advocates to divert event compostables to CLiCK compost pile, train interns to maintain compost pile, recruit event organizers and local businesses, and sell the compostable products to the vendor. Composting advocates will be trained to collect food waste from community events and educate community members on-site. They will work with the Eastern Connecticut State University composting interns to have the knowledge, skills and ability to compost food waste. educate vendors, businesses, and households on compostable products, serve as the retail outlet for cost-effective compostable products to vendors, businesses, and households and provide compost buckets to vendors/restaurants to collect prep and post-event food waste.

The goals of the Community Advocate Program are to:

– Expand Community Voice, both by supporting more community members to participate in WCFN projects and decision-making, and, in turn, supporting them to survey and engage their own neighbors and networks.

-- Empower Local Leaders, by supporting advocates to envision and develop projects that will promote food justice in their community.

- *Gleaning Activities and Personnel: Gleaning* offers an alternative to food waste and food insecurity which are concurrent environmental issues. The practice of gleaning offers a mechanism to combine the problems of food insecurity, food waste and the environmental impact of both to create a synergistic solution.

  Gleaning Coordinator will act as a point person liaison to oversee and coordinate all gleaning activities. They will recruit farmers to participate in gleaning efforts, goal to increase by 2 participating farms, train 3 Student Farmers from UConn's Spring Valley Student Farm to travel to participating farms to harvest produce for distribution, communicate with gleaning farms to inform planting plans (using survey data), recruit community advocate gleaners to distribute and produce training manual/module, develop collaboration with Eastern food pantry and grow culturally relevant fresh food for pantries and processing based on survey data. They will produce a harvest and gleaning manual for SVF students so the students are trained to harvest, wash, and transport the gleaned produce from local farms. These activities will improve the economic viability of farmers, Increase volume of food delivered to pantries, households and processing (see below), provide fresh and processed local food delivered to Eastern's food pantry and implement sustainable farming practices at SVF to supply UCONN food service.

  Gleaning Impacts Together, the formalized process and structure for the Gleaning Network provides continuity of support to the food system, **reduces food waste,**

addresses food insecurity, and increases community resilience to crisis and climate change. Supporting student farmers assists to train the next generation of student farmers and educate students involved at the SVF and increases regional capacity for sustainability-minded food production and systems. The impact will be a closed loop of farmer production, distribution, and survey responses to ensure the appropriate amount and type of food is available to pantries and households and provides economic security to farmers.

- *Food Distribution and Processing Activities and Personnel*
  Fresh Food to Households and Pantries: Excess food from gleaning activities will be distributed to food insecure families so they have access to fresh varieties of foods, instead of processed foods, thereby reducing the likelihood of diet related illnesses such as diabetes, high blood pressure and obesity.

  Food Processing: Through engaging partners to accept, store, and process fresh produce from local farms, stores, and restaurants to ensure that excess food that cannot be used by food pantries due to large quantities.However even when lightly-processed, there is still a great deal of gleaned produce we receive that is not desired by the community. Items like garlic scapes, kale and collard greens are not desired amongst our pantry stakeholders, but there are markets for processed versions of these items amongst different demographics. We have plans to develop our own line of items, like garlic scape powder or frozen kale, to be sold at the Willimantic Food Coop and other businesses in town. Using funds from this program will allow us to expand this project that ultimately results in revenue generated from product sales to continue to pay stipends to farmers and community members to keep our gleaning, CT/MC pantry, Plant-A-Row and processing programs running.

  Value-added Food to Pantries Activity: The Windham Community Food Network is focused on redistributing resources already in our community to build a sustainable alternative food system. As a result we host a gleaning operation that collects excess seeds, seedlings and produce from local nurseries, farmers and community members and redistributes them to individuals and pantries in need in our community. Excess produce that is collected that cannot be immediately distributed is processed by CLiCK into value-added products to be used at a later date, such as surplus tomatoes into tomato sauce or frozen kale. We believe developing a compost component is the next step in building a closed loop alternative food system that allows us to further eliminate waste from our community and use it to continue to grow food locally.

  Processing Coordinator, similarly to the gleaning coordinator, will act as a point person liaison to oversee and coordinate all processing activities. This includes recruiting and training community advocate processors, developing and managing a scheduling tool for utilizing CLiCK's processing facility, developing a community advocate processing training manual, obtaining processing supplies such as bags, jars, labels and developing a collaboration with Eastern food pantry to identify which value-added items would be most desirable for their clients. Providing Eastern's

pantry with locally grown items in the past has been difficult as their largest demand is during the school year which only briefly overlaps with New England's growing season. Furthermore, many students who utilize the pantry have limited access to full kitchens due to living in dorms, making it difficult for them to cook fresh produce. Building out this relationship further will allow the processing program to develop items that can be used, and are desired, by students, ensuring they have access to healthy food in an accessible form.

Impact of Food Distribution and Processing Activities

- *Compost Activities and Personnel*
  If food is unable to be consumed either in shelf-stable or fresh form, it can be sustainably composted. Through this project, WCFN would have increased capacity to contract with local businesses to develop commercial composting protocols. We are currently working with one business to pick up their compost weekly for our compost pile housed at CLiCK. We are in discussions with another restaurant, a local university greenhouse and other community event organizers about expanding these services but seek financial support to expand these initiatives in our community. Funding for coordinating these activities would significantly increase our capacity to make an impact.

  Our overall vision for the program is to have all community events and businesses in Willimantic to require sustainable waste management provided by our Waste-Not Tents/community advocate program and the compost created by our initiatives to be redistributed to be used in our community. We plan to do this by expanding the outreach through our community advocates and working with event organizers and businesses to develop policies in our community. With this funding we will be able to expand our event outreach from 3 to 8, business composting hauling services from 1 to 5, compostable product clients from 5 to 10 and sell compost generated back to the community.

  Our project will become financially sustainable through a diverse range of income opportunities. We will charge events to have our Waste-Not services, which will be a sliding scale based on size and budget and subsidized by grant/fundraising. We will continue to charge monthly fees for compost pick up from businesses. We will sell the compost we create. We will generate a profit on compostable materials we sell to food vendors at events. This project would scale up this production, enabling CLiCK to collaborate with more producers, expand food distribution partnerships across a broader region, avoid duplication of efforts among community partners, and create long-term marketing opportunities through the Coop.

  Composting Coordinator similarly to the gleaning and processing coordinators, will act as a point person liaison to oversee and coordinate all processing activities. This includes educating vendors, businesses, and households on compostable products, serving as the retail outlet for cost-effective compostable products to vendors, businesses, and households, providing compost buckets to vendors/restaurants to collect prep and post-event food waste, training interns and community advocates to divert event compostables to CLiCK compost pile. Additionally, training interns to

maintain the compost pile, collaborating with interns to develop a tracking tool for revenue source development, and recruiting event organizers and local businesses to become partners. Also, acquiring and distributing composting processing supplies.

Community Compost Advocates will be trained to collect food waste from businesses and community events and educate community members on-site. They will work collaboratively with other community advocates, as well as identifying opportunities for increased composting activities.

Compost Interns will be trained to collect food waste from community events, educate community members on-site and maintain the compost pile at CLiCK.

Composting Impacts: through these efforts, we will have an increased capacity to collect and process compostable products, which is the last opportunity to **divert food waste thus reducing the community footprint and taking action to combat climate change.**

- *Evaluation and Capacity Building Partners, Eastern Connecticut State University* As a hispanic-serving public liberal arts institution, Eastern has the capacity to partner with community members, as well as serve our students. By investing in these activities, we are building community capacity to bring sustainable practices to many communities across the region.

  Internship Coordinator: This position will be responsible for recruiting, supervising, and evaluating student interns who bridge the composting project between the community and the university; develop campus and community educational events and initiatives such as food waste mitigation, community gardening, and introduction to composting. They will collaborate with the campus food pantry to accept fresh and processed food to address student food insecurity and launch a pilot food waste diversion to the CLiCK compost program to reduce food waste. Finally, the coordinator will supervise the development of a tool to track outputs of project activities, collaborate with stakeholders to develop evaluation plans and join quarterly working group meetings with all coordinators to measure progress and set goals.

  Evaluation Leader. A public health trained faculty will collaborate with stakeholders to develop and execute evaluation plans and support public health students to gain applicable skills for project evaluation. The leader will disseminate project outcomes to stakeholders.

  Evaluation and Capacity Building Impacts: These activities will empirically demonstrate effectiveness of programs**,** student interns gain applicable and translatable skills for project evaluation. Together, these activities will **increase waste diversion and sustainability efforts on campus minimizing solid waste generation through source reduction, recycling and reuse or composting.**

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April 14, 2023

United States Environmental Protection Agency
Office of Environmental Justice and External Civil Rights
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

Dear Grant Review Panel:

I write to convey Eastern's enthusiasm for and commitment to the collaborative project: **Nourishing A Community: Growing Solutions to Food Insecurity, Food Waste, and Community Resilience to Climate Change and Crisis.**

As Connecticut's only public liberal arts institution, Eastern is home to many Hispanic students and is situated in the multicultural rural community of Willimantic. The university has the capacity to partner with community members, as well as serve our students, and seeks meaningful project such as this one. By investing in these project activities, we are building community capacity to bring sustainable practices and resiliency to our community.

The Institute for Sustainability leads Eastern's campus sustainability initiatives. In 2022, we were recognized by the Association for Advancement of Sustainability in Higher Education with a Gold rating, and for thirteen years, noted on the Princeton Review list of Green Colleges. The Institute aims to connect individuals, non-governmental organizations, businesses, and communities in Connecticut to meet the challenges of our changing climate and to provide high-impact experiences for Eastern students to apply their learning about sustainable development with our community partners.

Partnering with the Windham Community Food Network and CLiCK for this project, we commit to recruiting, supervising, and evaluating student interns; develop campus and community educational events and initiatives such as food waste mitigation, community gardening, and composting; collaborate with the campus food pantry to accept fresh and processed food to reduce underserved student food insecurity; launch a pilot food

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waste diversion to the CLiCK compost program for residence hall students and Eastern greenhouse waste; and develop a tool to track outputs of project activities.

An Institute-affiliated, public health trained faculty member will develop and execute the project evaluation plan; train public health students to gain applicable skills for project evaluation and formally integrate project evaluation into the public health curriculum; and disseminate project outcomes to stakeholders.

Collectively, we aim to contribute to the creation of a self-sustaining local food system that centers those most affected by the current inequity in the mainstream food system. We aim to address public health, food systems, climate mitigation and resilience, and collaborate to address the environmental and public health impact of reducing food waste. This project will fill a gap by creating a self-sustaining gleaning and composting program that benefits both farmers and marginalized/ low-income individuals in Eastern Connecticut.

Thank you for your consideration of our Partnership Project.

Warm Regards,



Patricia Szczys, Ph.D.
Professor of Biology
Executive Director, Institute for Sustainability
Eastern Connecticut State University
83 Windham St
Willimantic, CT 06226
Ex. 6 Personal Privacy (PP) (office)
Ex. 6 - Personal Privacy (PP) (cell)
Ex. 6 - Personal Privacy (PP)

Resource Investment	Project Activities	Outputs	OUTCOMES		
			November 2023 - June 2024	July 2024 - July 2025	July 2025 - December 2027
Project Management					
*WCFN Coordinator	*Responsible for Project Outcomes in coordination with the evaluator *Maintains communication between coordinators and develops training manual/module *Professional development (education) for Coordinators *Administer & summarize community surveys: 1-Food Insecurity 2-Consumer 3-Pantry *Work with coordinators, and University interns to create business plan for value-added products and compost	*36 strategic workshops for Coordinators (Gleaning, Processing, Composting) *3 Annual survey deployments, present results to Coordinators. *Build long-term database of key metrics including survey results, pounds harvested, and fresh/processed deliveries to all constituents *Formal training Manual/Module for Coordinator Positions	*Access to relevant and recent survey data *Established coordinator job descriptions *Coordinator training manual/module available to future	*Ability to make data and community-driven decisions. *Ability to detect gaps between partnerships and community needs.	*Standardization of survey deployment and routine use of results. *Underrepresented population is leading in decision-making through surveys *Stability of Coordinator positions through use of training manuals/modules. *Continuity of community partnerships and communication *Pantry deliveries respond to client needs/preferences through data-driven decisions based on community survey responses *Financially self-sustaining processing and composting programs. ***Enduring Community Impacts are reduced food insecurity and food waste, increase in community resilience to crisis and climate change.**

Resource Investment	Project Activities	Outputs	OUTCOMES		
			Nov 2023 - June 2024	July 2024 - July 2025	July 2025- December 2027
Reducing Food Waste and Insecurity: Gleaning					
* Gleaning Coordinator	*Recruit and stipend farmers to participate in gleaning efforts, goal to increase by 2 participating farms. *Track amount of produce distributed to each partner *Train/education for 3 Student Farmers to grow and harvest produce for distribution. * Communicate with gleaning farms to inform planting plans (using survey data). *Recruit community advocate gleaners to distribute and produce training manual/module *Develop collaboration with Eastern food pantry (see below).	*2 new farmers gleaning for a total of 6 *3 student farmers gleaning *Formal training manuals/modules for Community Advocates and Farmers *2 Gleaning community advocates are distributing food to pantries and households.	*Farmers plan for and plant culturally relevant food for gleaning (based on survey results) *3 student farmers plan for and plant culturally relevant food for gleaning *Training manual as a permanent and updatable resource *Finalize partnership with Eastern's food pantry	*respond to success of the first year outcomes and work to operationalize the respective responsibilities *e.g.* • *communicating with farmers* • *training student farmers* • *training community advocates* • *using survey data from WCFN coordinator* • *providing data back to WCFN* *Improve farmer economic viability *Increase volume of food delivered to pantry, households and processing (see below) *Provide fresh and processed local food delivered to Eastern's food pantry *implement sustainable farming practices at SVF to supply UCONN food service.	*Formalized process and structure for the Gleaning Network provides continuity of support to the food system, **reduces food waste, addresses food insecurity, and increases community resilience to crisis and climate change.** *Underrepresented population is leading in decision-making through surveys *Student farmers assist to train the next generation of student farmers and educate students involved at the SVF. *Trained community advocates assist to recruit and train the next generation of gleaning advocates. ***Enduring Community Impact: Closed loop of farmer production, distribution, and survey responses ensure appropriate amount and type of food is available to pantries and households and provides economic security to farmers.**

*Student Farmers (3)	*trained to harvest, wash, and transport the gleaned produce from gleaning partner farms. *develop harvest and gleaning manual for SVF students	*10,000 pounds of produce gleaned *Educational manual/modules for student farmers	*manual/modules are long-term resources		
Community Advocates - Distribution (2)	*weekly distribution of food from 7 farms to 35 low-income households and 5 food pantries, and community fridge	*35 low-income households and 5 food pantries, and community fridge are stocked weekly	*reduced food insecurity *increased proportion of desirable food		

Resource Investment	Project Activities	Outputs	OUTCOMES		
			Nov 2023 - June 2024	July 2024 - July 2025	July 2025- December 2027
Reducing Food Waste and Insecurity: Processing for Longevity					
Processing Coordinator	*Recruit community advocate processors *Developing scheduling tool for processing facility *Train 2 community advocates in food processing *Develop community advocate processing training manual *Obtain processing supplies: bags, jars, labels (see budget) *Reserve processing time at CLiCK *Develop collaboration with Eastern food pantry (see below).	*Monthly (36) workshops with community advocates *2 trained community advocate processors *Training manual/module for community advocate processors	*Community advocates with food safety and processing training *Training Manual as a long-term resource *Finalized business plan for shelf-stable food sales strategy to generate revenue	*Increased volume of processed, shelf-stable food delivered to pantries, households, community fridge, and consumer sales. *Processed products informed by community surveys (see WCFN above)	*Financially self-sustaining processing operation through sales to consumers. *Increased capacity for processing excess produce for later distribution **reduces food waste, addresses food insecurity, and increases community resilience to crisis and climate change.**
Community Advocate Stipend-Processors (0 increase to 2)	* staff becomes ServSafe-certified * technical training in food processing	* increased number of hours of kitchen use *increased number of individuals receiving shelf-stable food	* increased capacity to produce shelf-stable food to supply pantries		

Resource Investment	Project Activities	Outputs	OUTCOMES		
			Nov 2023 - June 2024	July 2024 - July 2025	July 2025- December 2027
Further Minimizing Food Waste: Composting					
*Compost Coordinator	*Educate vendors, businesses, and households on compostable products *Serve as the retail outlet for cost-effective compostable products to vendors, businesses, and households *Provide compost buckets to vendors/restaurants to collect prep and post-event food waste *Train interns and community advocates to divert event compostables to CLiCK compost pile. *Train interns to maintain the compost pile. *Collaborate with intern to develop a tracking tool for	*8 local events contracted for waste diversion and sustainability efforts. * 10 local businesses acquire compostable products from CLiCK. *5 local businesses collect prep and post-event compostable waste *10 people trained to collect compostables from community events/food processing *Increase capacity to accept food waste from local restaurants and other sources	*Food vendors for all community events will be knowledgeable about compostable products and waste diversion. *Community businesses will be knowledgeable about compostable products and waste diversion. *University knowledge for university Skills Awareness *Capacity to process compostable dinnerware (supplies include a shredder)	*Increase the number of contracts for waste diversion and sustainability efforts at community events from 3 to 8 to minimize local solid waste generation through source reduction, recycling and reuse or composting. *Increase number of local businesses acquiring compostable products from 5 to 10. *Increase the number of compost hauling accounts with local businesses from 1 to 5 to reduce solid waste generation and increase compost production. *Increase Waste diversion at current community events from 30% to 50% *Increase compost production for viable value added products for purchase by local gardens. *Increase in compostable food waste from events collected	*Develop a community culture (individuals and businesses) of composting to reduce food waste and associated greenhouse gas emissions. *Financially self-sustaining composting operation through: ● Increased event waste-diversion contracts ● Restaurant compost hauling accounts ● Sale of compostable wares ● Sale of compost to consumers *Increased capacity to collect and process compostable products is the last opportunity to **divert food waste thus reducing the community footprint and taking action to combat climate change.** Reduced waste event becomes a revenue generating service

	revenue source development *Recruit event organizers and local businesses to bec *Acquire Compost Supplies *e.g.* shredder, buckets, etc (see budget)	*Outreach/education to community members at events about composting/waste reduction			
Community Advocates - Compost	* 2 community advocates trained to collect food waste from community events and educate community members on-site.	20 people trained to staff events in the community	Knowledge Skills Awareness of composting		
Compost Interns	*Interns trained to collect food waste from community events and educate community members on-site. *Interns trained to maintain compost pile	4 people trained to staff events and tend compost pile	increase the number of people knowing how to compost		

Resource Investment	Project Activities	Outputs	OUTCOMES		
			Nov 2023 - June 2024	July 2024 - July 2025	July 2025- December 2027
Technical Assistance - Institute for Sustainability, Eastern Connecticut State University					
Intern Coordinator	*Recruit, supervise, and evaluate 5 Interns *Campus Educational Events/Initiatives *e.g.* food waste, community gardening, composting) *Collaborate with campus food pantry to accept fresh and processed food (see above). *Launch pilot food waste diversion to CLiCK compost program for residence hall students and Eastern greenhouse waste. *Collaborate with Project evaluator to formally integrate project evaluation into public health curriculum	*5 Interns are knowledgeable about food waste diversion and composting *12 University events increase general campus awareness and knowledge of food waste, alternative food systems, and impact on food insecurity and climate change *Kitchen scrap and greenhouse waste delivered to compost pile weekly *Monthly (36) meetings with WCFN Coordinator *Weekly meetings with Project Evaluator	*Intern job description, placement, and training *Schedule and topics for Campus educational events *One Kick-Off event completed *At least 15 students sign agreements to collect and submit kitchen scraps *Integrated as a working group member with WCFN increases capacity for grant seeking and revenue development *Increased capacity to support project evaluation curriculum	*Increasing awareness of and interest in Intern positions *Increasing awareness of and interest in expanded campus food waste diversion *Increasing awareness of and interest in reducing food insecurity on campus and in the community *Empirically demonstrate effectiveness of programs	*Student Interns gain applicable skills for project evaluation *Disseminate project outcomes to stakeholders *2 generations of Public Health students gain practical experience developing and executing project evaluation methods ***Reduced food insecurity on campus.** ***Increased waste diversion and sustainability efforts on campus minimizing solid waste generation through source reduction, recycling and reuse or composting.**

Interns	*Collect food waste from community events and educate community members on-site *Maintain compost pile *Collect food waste from select campus events and assist educate the university community. *Develop a tool to track	*Knowledge of food system waste and waste diversion methods. *Knowledge of composting methods. *Tracking tool for revenue source development	*Increase in amount of food waste diverted to compost from community events *Increased amount of food waste diverted to compost from campus.		
Project Evaluator	*Collaborate with stakeholders to develop and execute evaluation plan *Join quarterly working group meetings with all Coodinators to measure progress and set goals.	Students conduct small portions of evaluation plan *Collect metrics for all project outputs	*Train public health project evaluation students to increase capacity. *Availability of raw data (project outcome metrics)		

Project Budget		
Category	**Description**	**Total**
Personnel	• WCFN Coordinator - $30/hour 15 hour/week • Gleaning Coordinator - $26/hour 12 hour/week • Processing Coordinator - $26/hour 12 hour/week • Compost Coordinator - $26/hour 12 hour /week • 6 Farmer Gleaning Partners - $1000 annually • 3 Student Farmer Gleaning Partners - $15/hour 4 hour/wk 28 weeks • 6 Community Advocates - $250/mo 10 hrs/mo • Interns (5 students at $15/hour 4/week 52 weeks)	$377,436
Fringe Benefits	• WCFN Coordinator • Processing Coordinator • Compost Coordinator	$ 21,781
Education	• Food Waste Education and Compost Pilot @ Eastern	$ 9,360
Supplies	• Compost Shredder ($700), • 2 sets Clear Stream Event/business collection bins ($325 each) • recycling/compost bags • Processing: jars, bags, labels ($3500/yr) • Processing time in CLiCK Kitchen ($20/hour 10 hour/week)	$ 45,550
Mileage	• 1500 miles at 65.5 cents (federal rate)- transport gleaning, compost and value added products throughout community	$ 982
In-Kind	• Eastern Student Intern Coordinator + Educational Events ($35/hour at 5/hour week) • Compost Coordinator $25/hour 10/week • PRocessing Coordinator $25/hour 7/hour week • Compost Supplies ($9300) • Processing Time ($1000) 50 hours (~1 hour/week) matched by CLiCK •	$ 59,700
Total Project Budget		514,809
Total Budget Request		455,109

Rooting Deep and Scaling Up: Partnership Agreement

Project Description.
"Rooting Deep and Scaling Up: A Roadmap for Food System Equity and Viability in Eastern CT" is a partnership facilitated by the Windham Community Food Network, FRESH New London, the CT Food System Alliance, and Community Foundation of Eastern CT, that convenes producers, community members, stakeholders and allies to capture community-level food system innovation and momentum and scale it up to strengthen regional food system resilience. ***Specifically, the partnership will explore and develop opportunities that integrate viability for small-scale producers in Eastern CT with equitable access to healthy food and food system decision-making for the diverse residents of the region.***

Purpose of this Agreement.
This agreement sets the values, norms and processes for our partnership: ie, why and how we will go about working together, with the purpose of laying a foundation for collaboration both during and beyond this funding period. It includes Values, 4 "Priorities" for our Food System Network, and then for each Priority, "Actions" and "Measures", that operationalize and hold us accountable to our values and priorities.

How it was Developed.
The Agreement is informed by the *"Whole Measures for Community Food Systems"* planning tool. This draft is based on input from partners from the initial project survey and first convening, as well as discussions among the Planning Team. "Core Partners" - those who are written into the grant proposal - are required to commit to this Agreement. Other partners are encouraged and welcome.

How it Will Be Used.
This Partnership Agreement is a living document that will be amended over the course of the two year funding period. We will check in every six months to revise it and measure how well we are meeting the standards we set for ourselves, using the Tools and Norms Rubric in Section III of the Agreement.

We will focus on the different tools during different stages of the project. For example:

- We are currently in survey mode, so using tools # 1, 2, and 7 to inform our work.
- When we convene in September to analyze data and identify leverage points for our work, and will focus on tools # 4, 5, and 6.
- When we convene working groups in December, we will focus on tool #3…

Partnership Agreement.

I. Partnership Values.

This agreement is rooted in our collective values listed below. *(These values are derived from input from the initial partner survey, first and second convenings, and discussions among the project team. A more detailed explanation is found in the table at the end of this document.)*

- **Dismantling Racism and Being Anti-Racist** in our processes and projects
- **Equitable Access** to food system resources and decision-making power
- **Viability and Sustainability** of producers, projects, partners, and our ecosystem
- **Relationship-Building and Collaboration** among partners, community members, and communities
- **Resourcefulness and Resilience** through mutual aid and leveraging and integrating resources and opportunities
- **Culture-Shift**, within and among individuals, organizations, institutions, communities and systems.

II. Partnership Priorities.

Through our participation in "Rooting Deep, Scaling Up" we are committed to building a Regional Food Network that:

1. **Contributes to healthy communities by improving equitable access to food resources and responding to community food needs.** *We will act on this priority by:*
    - **a.** Being responsive to our communities' definitions of health and well-being.
    - **b.** Capturing, leveraging and re-investing local resources to reduce dependence on outside funding and the non-profit/service infrastructures.
    - **c.** Integrating our work with other sectors and networks that address the intersectional barriers our communities face, so we can build sustainable projects for and by our communities.
    - **d.** Supporting local businesses (that are locally-owned and invest locally).

2. **Promotes viability of small-scale producers in the region.** *We will act on this priority by:*
    - **a.** Supporting projects that support farmers' wellbeing, rights, and financial prosperity.
    - **b.** Centering sustainable practices to create sustainable ecosystems through our projects.
    - **c.** Addressing the need for access to land and resources for new producers, particularly BIPOC producers.
    - **d.** Uplifting opportunities to support existing food system initiatives that center farmer viability, such as EBT at farmers markets and farm to school.

3. **Builds diverse and collaborative relationships, trust, and reciprocity.** *We will act on this priority by:*
    - **a.** Naming and addressing systemic inequities that create and propagate the segregation of our community spaces, institutions, and opportunities; Centering community members' lived experiences with inequitable systems.
    - **b.** Promoting shared work and power through collective decision-making that intentionally increases the connection between community members, local food producers and food projects.
    - **c.** Moving away from White Supremacy Culture, and instead move towards norms and communication that intentionally increase connection and participation and are accessible for the communities being impacted.
    - **d.** Shifting existing norms so they center those outside of spaces in power by holding accountable imposing food system institutions and their privileged participants.

4. **Supports community voice, political empowerment, and local leadership.** *We will act on this priority through:*
    - **a.** Diverse Participation: Building capacity for diverse community members to participate in government and decision-making through recognizing and addressing barriers to participation in our work and food systems change more generally.
    - **b.** Transparency in Decision-Making: Being transparent around decision-making: asking who is there, who is not, who is impacted, what decision is being made, how we are making that decision, and who has power
    - **c.** Relocating Spaces of Power and Decision-Making in the Food System: Restructure existing spaces of power within the food system so they are intentionally made safe for marginalized community members; Building power with other networks and spaces and populations within the community being affected by this project.
    - **d.** Accountability of Public Institutions: Build capacity of institutions and organizations to listen to ensure that public institutions and local businesses support a just community food system.
    - **e.** Advocating at the local, state, and federal levels for comprehensive food systems policy change that aligns with our values.
    - **f.** Contributing our goals, priorities, and values to state-level food action planning.

I commit to the values and priorities of this agreement, and to measuring and improving our shared work according to the Tools and Norms laid out below.

Click here to virtually sign this agreement

III. Tools and Norms to measure our work. *We will use these to self-evaluate during the project.*

1. Community Voice "Legitimacy Test".	**Negative Impact -3**	**Neutral 0**	**Some Impact +3**	**Strong Impact +5**	**Highest Impact 10**	Overall rating:
Results: ● The people who provided input reflect the full diversity of the communities impacted by this work. ● A feedback loop was established so that community members can offer input at various stages of the project. ● Key organizations and project representatives have established strong relationships with leaders and others in the impacted communities. ● The results of surveys, focus groups and other established feedback initiatives were shared with the communities (people) who provided input. ● The programs/projects/policy initiatives created reflect the input from communities most impacted.						
How to approach the community: (We did this by…) ● Participants were surveyed in their native language by people who speak the language, whenever possible ● Feedback opportunities were clear, accessible, and easy to for people to participate ● Transportation/childcare were not barriers to providing input ● Survey and focus group questions reflect projects and ideas that are realistic and actionable. People are not asked to give ideas or opinions that could not be incorporated. ● Participants should provide different levels and media of input (spoken, written, digital…) People could participate in surveys and/or deeper, qualitative data collection. ● Information collected did not include unnecessary, personal details (or at least this part was optional and reasons for these questions were clear). ● We ensured that the survey reflects a clear "ask" and gathers new information that has not been recently collected by other organizations						
When to pursue funding or support for a project or initiative: Does it:						

• Reflect a specific need or opportunity articulated by the community? • Sustain or advance an already-established mission or goal? • Build resilience and sustainable growth?						
This tool is an effective measure						
We have made progress in this norm						

2. Language Accessibility. "Language Justice"	**Negative Impact -3**	**Neutral 0**	**Some Impact +3**	**Strong Impact +5**	**Highest Impact 10**	Overall rating:
Communication (both within the partnership and public-facing): • Is clear and avoids jargon • Is multi-lingual, depending on the community						
This tool is an effective measure						
We have made progress in this area						

3. Rubric for New Project Opportunities.	Negative Impact -3	Neutral 0	Some Impact +3	Strong Impact +5	Highest Impact 10	Overall rating:
Create a checklist for new project opportunities that: • Aligns with project priorities (access, viability) • Aligns with partnership values • Advances needs or opportunities stated by the communit(ies) and farmers involved • Integrates intersectional partners and services • Cultivates local funding opportunities • Explores policy change needs/opportunities • Addresses unjust systems (from Food Justice 101) • Power mapping around barriers and policy changes						
This tool is an effective measure						
We have made progress in this area						

4. New Farmer Opportunities.	Negative Impact -3	Neutral 0	Some Impact +3	Strong Impact +5	Highest Impact 10	Overall rating for this norm:
Projects and initiatives: • Directly address needs and opportunities articulated by farmers and farmworkers. • Expand the definition of who is a farmer: identifying small-scale growers who are outside of the current farmer networks • Expand and strengthen farmer-retail connections						

This tool is an effective measure						
We have made progress in this area						

5. Power Mapping. *This is part of the New Project Rubric.*	**Negative Impact -3**	**Neutral 0**	**Some Impact +3**	**Strong Impact +5**	**Highest Impact 10**	Overall rating for this norm:
The New Project Rubric will include barriers and challenges articulated through surveying, and, for these: • Identify the policies and norms that create those barriers and challenges. • Name the institutions that set those policies and priorities. • Identify individuals who hold power to change or remove those barriers.						
This tool is an effective measure						
We have made progress in this area						

6. Decision-Making Checklist. (ongoing)	Negative Impact -3	Neutral 0	Some Impact +3	Strong Impact +5	Highest Impact 10	Overall rating for this norm:
Decision-making is: **Transparent.** Those who are making decisions: ● Communicate what is at stake in a clear and timely manner. ● Name who is taking power in the decision and in what ways. **Accessible.** Those who are impacted: ● Are informed. ● Are engaged to participate in spaces and contexts and language that are accessible.						
Democratic. ● For simple decisions: thumbs up/5-finger vote ● For complex decisions:* (does anyone already have a process for this?) ○ A clear question is articulated ○ Time and space for individual reflection ○ Input from all participants is gathered before discussion ○ Decisions are time-bound and open to review						
This tool is an effective measure						
We have made progress in this area						

7. Relationship Building. (ongoing)	**Negative Impact -3**	**Neutral 0**	**Some Impact +3**	**Strong Impact +5**	**Highest Impact 10**	Overall rating for this norm:
The partnership prioritizes relationship-building by: ● Within the partnership, through relationship building activities and making space for connecting during "shared work" sessions ● With the community, by engaging and compensating diverse community members to broaden participation and avoid burnout ● Between the partnership and the public, through storytelling that captures the experience of farmers and community members						
This tool is an effective measure						
We have made progress in this area						

8. "Food Justice 101" Resources *that articulate the history and systems that govern our food system.*	**Negative Impact -3**	**Neutral 0**	**Some Impact +3**	**Strong Impact +5**	**Highest Impact 10**	Overall rating for this norm:
Compile a set of "Food Justice 101" resources that: ● Are accessible to partners and the public (on WCFN website - shared with all partners to link or post on their own) ● Are integrated into public-facing education shared by partners through their social media ● Are integrated into our discussions and meeting spaces (the what and why) ● Inform our work - to intentionally address and dismantle this						

history and systems (in the New Project Rubric - for working groups)						
This tool is an effective measure						
We have made progress in this area						

Letter of Support

To Whom It Concerns:

We have participated in the Windham Food Network's Gleaning Program for 2 years running. It is very well-run and easy to be a part of, and I imagine it's a great resource for the organizations receiving the fresh food that is gleaned. There is always excess food on a farm, no matter the size, that is headed for the compost pile or just left in the field. We are so glad to see the food we don't have a market for going to good use in our community. We are thrilled that the highest quality food can reach the homes of socially disadvantaged people who otherwise wouldn't have access to it.

The Gleaning team has been responsive and respectful when working on our farm. They are hard-working and well-coordinated. With a continued funding source they will continue to do high-quality impactful work in the Eastern CT food shed. I highly recommend that they receive funding to continue their good work.

Sincerely,

Charlotte Ross

Owner/Farmer at Sweet Acre Farm

Ex. 6 Personal Privacy (PP)

Lebanon CT 06249



Willow Valley Farm
26 Moose Meadow Road
Willington, CT 07279
Ex. 6 - Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)

To Whom It Concerns:

As a small, diversified vegetable farmer, I am keenly aware of any waste produced on our farm. We try our best to find appropriate outlets for extra produce, and the Windham Community Food Network's gleaning program has helped us tremendously to make use of extra produce while it is still fresh. We have been participating in this program for several years – having someone come to our farm to pick up and/or harvest extra vegetables has made it possible for products to find good homes instead of ending up in our compost pile. Our busy schedules don't allow the time to do this work ourselves while still being productive and profitable.

This program helps meet our needs, as farmers, while providing much healthier options to local families and pantries in need. Most local food distributions are unable to provide/distribute fresh food due to refrigeration and facilitation constraints. The gleaning program makes it possible for more families to eat healthy without the cost and transportation barriers that they may be used to.

Thank you for considering our proposal!

Sincerely,

Jackie Kulig

Jacqueline Kulig

Farmer/Owner, Willow Valley Farm

UCONN
UNIVERSITY OF CONNECTICUT
DIVISION OF STUDENT AFFAIRS
Department of Dining Services

To:
From: Jessica Larkin-Wells
Re: Food System Capacity Building Grant Letter of Support
Date:

Dear ____,

I would like to offer Spring Valley Student Farm's support for the Windham Community Food Network's Food System Capacity Building Grant proposal to expand their gleaning and processing programs. Spring Valley Student Farm (SVSF) is UConn's small vegetable farm, where 11 undergraduate students live and work to grow produce for UConn's Dining Services. SVSF student farmers engage with the local community to learn, grow, and support. We are lucky to be neighbors and partners with the Windham Community Food Network, a fantastic organization that sets the example for community-centered food systems change.

We are a strong supporter of the Windham Community Food Network's gleaning program, and we are committed to working with the WCFN throughout program expansion. Last summer, we harvested 1,000lbs of produce before the drought set in, and we are excited to resume gleaning next spring. We will continue to support the project through volunteer gleaning work from SVSF-affiliated UConn students. We also intend to expand the gleaning program on our end by developing gleaning curricula and internship opportunities for student volunteers through the SVSF Gleaning Corps.

The WCFN has demonstrated their commitment to food system resiliency in the greater Windham area and deserve more resources to grow this program. Again, we at SVSF feel honored to participate in the wonderful work being done by the WCFN in our part of the state.

Sincerely,

Jessica Larkin-Wells, Farm Manager
Ex. 6 - Personal Privacy (PP) Ex. 6 - Personal Privacy (PP)

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Brown Farm
PO BOX 169
Ex. 6 Personal Privacy (PP)
Scotland CT 06264
Ex. 6 - Personal Privacy (PP)

To Whom It Concerns:

I am the co-owner and farmer of Brown Farm in Scotland CT. We are a small diversified farm and have been part of the Windham Community Food Network's gleaning program for several years. This program has helped us with our excess produce by coordinating produce pick-ups and even helping with harvesting. The gleaning program then distributes the produce from our farm (and others like us!) to families in need in our community.

The positive impact this program has on both the farmers and the families is huge. During the season farmers do not have the bandwidth to seek additional sales channels for excess produce, so most of the time it goes to waste. WCFN consistently and efficiently picks up our extra produce and gives me peace of mind knowing that it's going to families in need. The families that receive the produce are grateful to have access to fresh, local, nutrient packed fruits and vegetables to offset their food bill.

I look forward to continuing to be a part of the Windham Community Food Network's gleaning program for years to come – food, and all of the labor to grow it, cannot be wasted when there are hungry families to feed and in need.

Sincerely,

Jenna Aldrich

Farmer / Co-Owner Brown Farm

Letter of Support

3/31/2023

To Whom It Concerns:

I am the owner/farmer of Cobblestone Farm, a mixed vegetable operation in Mansfield Center. Cobblestone Farm has been working with the Windham Community Food Network (WCFN) since 2019 to connect area residents with high quality local produce. Through the WCFN's gleaning efforts, Cobblestone Farm has directed 100's of heads of lettuce, nearly 1000 lbs of tomatoes, and other vegetables to community soup kitchens and food insecure families. Just this week, volunteers from our local high school will work with WCFN to harvest and wash 500 lbs of turnips that will be distributed throughout the winter. Without WCFN, all these vegetables would have gone to waste. And with the grants WCFN has secured in the past, farmers are compensated for participating in the gleaning projects, which is very valuable as it does take extra time to coordinate gleanings.

WCFN is well-poised to continue and grow their gleaning efforts. They have a clear track record of success, have been excellent partners to work with, and are responsive to community needs. WCFN has a strong connection with our local community kitchen (CLiCK), our local food co-op, and other community partners that will help them see their project to fruition. The idea of processing gleaned produce into value-added products that will support WCFN's fundraising efforts is an excellent way to capitalize on some of the less popular produce. The Windham region is very responsive to community support projects, and I'm sure WCFN will be successful in selling any value-added products they produce.

On behalf of Cobblestone Farm, I enthusiastically look forward to continued work with WCFN in their gleaning efforts.

Sincerely,

Diane Dorfer

Owner-farmer

Cobblestone Farm

Ex. 6 Personal Privacy (PP)

Mansfield Center, CT 06250

Ex. 6 - Personal Privacy (PP)

Ex. 6 - Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

NON-PROFIT DEVELOPMENT PROFESSIONAL

Work History

PHILANTHROPY OFFICER

One Tree Planted, Inc. | March 2023 - Present

- Write grant proposals for government and institutional entities.
- Collaborate on grant award, monitoring, and reporting process.
- Regularly solicit five-, six-, and seven-figure gifts from government entities, foundations, and corporate institutions.
- Develop and manage grant calendar for individual portfolio, as well as seek new institutional prospects.
- Manage pipeline of funders.

DEVELOPMENT MANAGER

National Audubon Society - Audubon Florida | 2021 - Present

- Manage a major donor and prospect pipeline of up to 125 accounts, including foundations, corporations, and out-of-state donors.
- Regularly solicit five-, six-, and seven-figure gifts from individuals, corporations, foundations, and other institutions.
- Manage over 30 institutional accounts, including developing proposals, submitting and reporting on grants, and stewarding relationships.
- Develop and manage grant calendar for individual portfolio, as well as seek new institutional prospects.
- Facilitate the cultivation and elevation of relationships with major donors through the in-person or virtual meetings, correspondence, distribution of materials, and regular event-oriented updates.
- Spearhead state-wide efforts to source prospects from regional donor advised funds (DAFs) managed by foundations and banking entities.
- Collaborate in collateral development regarding regional programs.
- Lead and participate in Audubon Florida's Equity and Diversity group, as well as the Latino affinity group, Alianza Latina.

DIRECTOR OF COMMUNITY ENGAGEMENT

Early Learning Coalition of Pinellas | 2019 - 2020

- Launched first-ever board giving campaign with a 100% giving rate.
- Spearheaded a full organizational re-branding, including managing and creating items such as website copy, logo, collateral, and giveaways.
- Secured five- and six-figure grants at local, regional, and state levels from foundations and corporations.
- Managed major gifts initiatives with a portfolio of 250 donors, soliciting five- and six-figure gifts.
- Implemented prospect research practices, resulting in new major donors.
- Organized all fundraisers, micro-events, and community outreach efforts.
- Led public relations efforts, creating 9 new local partnerships and a marked increase in visibility via earned media.
- Supervised social media platforms and edited posting schedule as needed.

Contact Details

Sarasota, FL / Relocating in 2023 to WA

Ex. 6 - Personal Privacy (PP)

Ex. 6 - Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

Education

BOSTON UNIVERSITY

B.S. in Communications | 2007 - 2012

Notable Skills

- Microsoft Office Suite
- Adobe Illustrator & InDesign
- Adobe Photoshop
- Raiser's Edge
- Bloomerang
- Salesforce
- Programming & Organization
- Donor Prospecting
- Grant-writing & Copy-writing
- Creative Design
- Event Planning
- Public Speaking

Work History (continued)

DEVELOPMENT COORDINATOR

Aging True Community Senior Services | 2015 - 2019

- Developed and implemented fundraising strategy, securing over $750,000 annually from individual and corporate contributions.
- Secured grants at the local, regional, state, and federal levels.
- Successfully advocated for Meals on Wheels program to become an annual line item in the City of Jacksonville's budget.
- Developed outreach initiative "Meals on Wheels Ride-Along Program".
- Stewarded a donor base of 5,000+ and supervised administration of the organization's donor and volunteer database.
- Directed the design, printing, and distribution of all collateral.
- Managed all social media accounts and public relations needs.

DEVELOPMENT COORDINATOR

Massachusetts Bible Society | 2014

- Managed a donor base of 3,000+.
- Led organizational re-branding and SEO optimization.
- Created the organization's first comprehensive development and marketing plan for donors in order to establish consistent giving.
- Managed grant applications and reports, as well as institutional relations.
- Responsible for the content, design, and publication of all solicitation materials and event communications, both digital and print.
- Managed Lunch Series and annual fundraiser, as well as all donor appreciation micro-events.
- Increased annual donations by 47.8% in under a year.
- Implemented Raiser's Edge as the organization's fundraising CRM.
- Managed all social media platforms.
- Supervised volunteer recruitment and management.

DEVELOPMENT ASSISTANT

Boston Playwrights' Theatre | 2008 - 2010

- Established donor stewardship process.
- Developed a fund development strategy and calendar.
- Executed a pre-determined marketing calendar.
- Prospected for local and regional grantors supporting the arts.
- Negotiated with third party advertisers and vendors.
- Produced targeted collateral for playwrights, both print and digital.
- Organized and maintained donor database of 2,000+.
- Organized local fundraising initiatives and events.
- Increased donations by an average 26% per fiscal year.

Volunteer History & Professional Affiliations

- 2021 - Present: Secretary for Equity, Diversity and Inclusion group for Audubon Florida as well as member of Alianza Latina affinity group for National Audubon
- 2020 - 21: Development Committee Chair for Healthy Bones of Tampa Bay (initiative of the American Bone Health Association)
- 2017 - 19: Leadership Member of the Senior Providers Information Network Group of Jacksonville (SPIN)
- 2014 - 2020: Member of the Association of Fundraising Professionals of the First Coast and Suncoast chapters.
- 2018: Volunteer for the Planet Philanthropy Development Team
- 2017: Volunteer for the Planet Philanthropy Sponsorship Team
- 2017 - 19: Member of the Wild Things Young Professionals Group, led by the Jacksonville Zoo
- 2016 - 19: Volunteer for the Catty Shack Rescue
- 2015 - 17: Volunteer for the Humane Society of Jacksonville
- 2013 - 14: Volunteer for the MSPCA of Boston
- 2014 - 16: Volunteer during the Boston Marathon

Ex. 6 Personal Privacy (PP)

WORK EXPERIENCE

ONE TREE PLANTED — September 2022 - present
Montreal (QC)
Sector: Non-profit
Title: Director of Finance and Operations

ONE TREE PLANTED — January 2021 – August 2022
Montreal (QC)
Sector: Non-profit
Title: Senior Bookkeeper

LES JARDINS DU CENTRE — June 2020 – October 2020
Les Éboulements (QC)
Sector: Farming
Title: Labourer

HÔTEL & SPA LE GERMAIN CHARLEVOIX — January 2020 – March 2020
Baie-Saint-Paul (QC)
Sector: Hospitality
Title: Busboy / host

IMVULA GROUP (Pty Ltd) — March 2011 – September 2014
Cape Town (ZA)
Sector: Construction and Manufacturing
Title: Financial Manager

TSWELOPELE PRODUCTIONS (PTY) LTD — June 2010 – January 2011
Cape Town (ZA)
Sector: Media (Television Production)
Title: Financial Manager

PROFIBRE PRODUCTS (PTY) LTD — February 2008 – May 2010
Durban (ZA)
Sector: Manufacturing
Title: Accountant

ST JOHN AMBULANCE — June 2006 – October 2007
Sheffield (GB)
Sector: Supply and Train First Aid
Title: Assistant Accountant

OTHER ACHIEVEMENTS

2015-2019
Travel North & South America and Asia
Alternating travel, volunteering and woofing in restaurants and tourism.
Thanks to these experiences I was able to play an active role in the communities and thus learn about different cultures.

EDUCATION

ACCA Certification (Equivalent to a 4 year Bachelor Degree) **2008-2014**
Accounting
Association of Chartered Certified Accountants based in United Kingdom

Bachelor of Commerce Degree **2000-2004**
Accounting
University of Cape Town

ED_016126_00000136-00004

HK

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) | Ex. 6 Personal Privacy (PP) Catonsville, Maryland 21228

Summary

Established a highly successful business career of people management and sales growth. I am dedicated to developing the greatest potential possible from both including achieving all established goals. After 45 years working in the corporate world I am now extremely grateful to be part of one of the most dynamic non-profit organizations in the world focused on a simple but critical global sustainability need - reforestation of our planet.

Skills

- Team Leadership
- Team Collaboration
- Rapid scaling of enterprise skills
- Team member mentoring and management development

Experience

One Tree Planted | Shelburne, VT
Chief of Sustainability
01/2023 - Current

- Sustain the people and mission of One Tree Planted.
- Work with Founder and team to further develop and guide "Best Practices" of One Tree Planted.
- Responsible for mentoring and building the dynamic success of the Fundraising, Philanthropy and Sports Team.

Eco-Products | Boulder, CO
Director of Sales
10/2009 - 12/2022

- Initially responsible for sales throughout North America. With annual dramatic sales growth and acquisitions , I reduced sales geography responsibility to the eastern US - 33 states, Caribbean & Mexico.
- Coached, developed and motivated sales team to exceed revenue goals every year.
- Initiated and led the development and implementation of an industry first "Product & Zero Waste" specialist team.
- Mentored 5 members of the team to become sales executives at the Director level or above in my last 5 years with Eco-Products.
- Helped establish Eco-Products as the leading brand in the US and globally for environmentally friendly foodservice disposables.
- Directly responsible for the corporate relationships for 7 out of 8 of Eco-Products top volume customers.
- growth from **2009 - $48M to 2022 - $503M**

KeyImpact Sales & Systems Inc. | Odenton, MD
Vice President of Sales
04/1996 - 10/2009

- Designed a cohesive and effective sales organization establishing a non-foods division for KeyImpact Sales, a regional foodservice brokerage company
- Aligned sales objectives with business initiatives using strategic development, forecasting and budgeting.
- Directly managed top accounts until sales growth and geographic expansion drove need for an expanded team.
- Grew the geographic responsibility from the mid-Atlantic region to all US east of the Mississippi river
- The Non-foods Division grew sales from start up to $50M in top line sales from 1996 to 2009.
- Concurrently served on the KeyImpact BOD from 2005 to 2007 as the ESOP

Chairman overseeing the development of the ESOP committee as KeyImpact rapidly expanded from 6 state to over 30 with 12 brokerage business's

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) Charles Town, WV 25414 · Ex. 6 - Personal Privacy (PP)

Ex. 6 - Personal Privacy (PP)

My career objective is to secure a challenging position at a reputable organization like One Tree Planted where my passion for urban forestry can drive organizational success

EXPERIENCE

2021 – PRESENT

DIRECTOR OF URBAN FORESTRY, ONE TREE PLANTED

- Lead a growing team in implementing urban forestry projects in the United States and internationally, with a focus on environmental justice & tree equity.
- Build out a network of hundreds of urban forestry planting partners across the globe
- Cross-team collaboration on fundraising efforts to raise over $4mil each year
- Support marketing & communications teams on conveying the impact of our program through digital, social, and video campaigns

2019 – 2021

EASTERN PANHANDLE FIELD COORDINATOR, WV RIVERS COALITION

- Develop and lead a regional conservation partnership focused on conserving land and forests
- Prioritize high-value lands for conservation through GIS analysis and mapping
- Lead project teams in conducting landowner outreach and implementing priority agricultural best management practices, such as riparian forest buffers and conservation easements
- Serve as the state lead in West Virginia for the Choose Clean Water Coalition, assisting local watershed groups with advocating for clean water policy and natural climate solutions
- Facilitate meetings to coordinate with stakeholders on multiple, overlapping projects
- Engage stakeholders in improving and implementing local watershed-based plans, source water protection plans, and West Virginia's Phase 3 Watershed Implementation Plan

2011 – 2019

URBAN WATERSHED FORESTER, CACAPON INSTITUTE

- Developed and led the largest volunteer tree planting & stewardship program in the state of West Virginia – the Carla Hardy WV Project CommuniTree
- Conducted field assessments and outreach to generate and manage over 240 projects
- Engaged more than 15,000 volunteers in planting over 6,800 urban trees
- Led GIS analyses and mapping of urban tree canopy at parks, schools, and municipalities
- Developed best management practice inventory protocols

2010 – 2011

LAND STEWARD, CRAFTWORKS AT COOL SPRING

- Coordinated stewardship projects at the Cool Spring Nature Preserve, including wetlands education, invasive plant management, and grant writing.
- Engaged volunteers in developing hiking trails, maps, and trail signage

2010 – 2011

BIOLOGICAL SCIENCE LABORATORY ASSISTANT, USDA-ARS-AFRS

- Conducted molecular biology research studying transgenic gene functions in plants

2010

BIOLOGICAL SCIENCE FIELD TECHNICIAN, USGS AQUATIC ECOLOGY LAB

- Monitored water quality & trout stream habitat in Delaware Water Gap Nat'l Park

EDUCATION

2006 – 2010

BACHELOR OF SCIENCE IN ENVIRONMENTAL STUDIES, SHEPHERD UNIVERSITY

Concentration in Natural Resource Management. Participated in the Student Conservation Association's 2009 Alternative Spring Break Plant Revegetation Team at the Grant Canyon. Student film on nature deficit disorder shown at the American Conservation Film Festival.

SKILLS

- Experience working with communities and partners in urban forestry
- Developing strong partnerships
- Strong knowledge of urban forestry, tree planting, and stewardship
- Leading and motivating teams
- Proficient in the Climate & Economic Justice Screening Tool, American Forests' Tree Equity Scores tool, and EJSCREEN.
- Volunteer recruitment & retention
- Strong written & verbal communication skills
- GIS mapping and analysis
- Data compilation and management, with strong computer skills
- Conducting landowner outreach & environmental education/training
- Building consensus through diverse voices
- Developing project proposals & budgets
- Project management and oversight
- 10+ years remote work experience
- Efficient time management

ABOUT ME

As a whitewater raft guide in college, I learned first-hand many of the skills that I've carried with me through life – a willingness to form lasting relationships and engage in meaningful experiences with new

people every day, dedication to keeping an open mind to accept bold challenges, and a love for adventure. I have a head for numbers and a heart for people – both of which are needed in the field of urban forestry. I have served on multiple non-profit boards, including the Potomac Valley Audubon Society (2013-2018) and CraftWorks at Cool Spring (2015-2018). I currently also give back to my community by serving as the Chair of our Tree Board and member of our Planning Commission.

I am a certified Arborist [Ex. 6 Personal Privacy (PP)], graduate of the WV Master Naturalist program, graduate of the Jefferson County Chamber of Commerce's 2019 Leadership Jefferson program and hold a Certificate in the Fundamentals of Supervision and Management. I am a devoted husband and proud father of two beautiful daughters, a rescue dog, and a flock of raucous chickens.

Cassana HVAC
1345a Plainfield Street
Johnston, RI 02919 US
Ex. 6 - Personal Privacy (PP)
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CASSANA HVAC
Experience the Comfort Zone

Estimate

ADDRESS
Dr. Nathaniel Ramos
Community Libraries of Providence
315 Academy Avenue
Providence, Rhode Island 02908

ESTIMATE # 1099
DATE 04/04/2023

ACTIVITY	QTY	RATE	AMOUNT
scope of work - Removal of old split HVAC units, which consists of (2) 7-ton units and (1) 5-ton unit. - Replace the air handlers and condensers with high efficiency heat pump systems, that is (3) new systems. - Install the new heat pumps for the open area in the main library. - Install stairwell heater, that is (2) new installs. *Manufacturer of units can be of the customers choosing.	1	335,000.00	335,000.00

*Disclaimer: Unless otherwise stated above; line voltage, electrical work, demolition, concrete work, saw cutting, trenching, excavation, backfill, structural hole cutting, core boring, sofitting, patching, finishing/grading flooring priming, painting, etc. if required are to be done by others and are NOT part of this estimate.

TOTAL **$335,000.00**

Accepted By

Accepted Date

Cassana HVAC has earned a reputation for providing quality service, with a commitment to customer satisfaction. We remain available to further discuss how we can be of service to you.

Thank you for your business!

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: SoundWaters, Inc.

Address: 1281 Cove Road

City: Stamford

State: CT: Connecticut Zip Code: 06902

B. Unique Entity Identifier (UEI): CE98M3FKKRD5

C. Applicant/Recipient Point of Contact

Name: Leigh Shemitz

Phone: Ex. 6 Personal Privacy (PP)

Email: lshemitz@soundwaters.org

Title: Presidenet

II. Is the applicant currently receiving EPA Assistance? ☒ Yes ☐ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

N/A

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

N/A

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

N/A

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☐ Yes ☒ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

Erin Wischer
ewischer@soundwaters.org
Fax Ex. 6 - Personal Privacy (PP)
Telephone Ex. 6 - Personal Privacy (PP)

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

From SoundWaters Employee Manual
Revised and Approved by Executive Committee of BOD: March 13, 2017
XIV. APPENDIX A: GRIEVANCE PROCEDURES
The Grievance Procedure is a systematic process for the hearing and management of employee complaints concerning the personnel policies and working conditions. A grievance must be given in writing to the employee's supervisor, and must include:
 A statement of the policy, procedure, and/or working condition to be addressed;
 The alleged violation;
 The adverse impact of the violation on the employee.
Employees should discuss work-related questions, concerns and problems with their supervisors in a timely fashion so that resolutions can be reached. In the event of a significant difference of opinion, or when pertinent facts appear to have been overlooked, or where the validity of judgment is questioned, employees may request formal review through the Grievance Procedure. Employees may appeal any matter without jeopardizing job security.

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Eileen McSweeney	President	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Dr. First Name: Leigh Middle Name:
Last Name: Shemitz Suffix: Ph.D.

Title: President

Complete Address:

Street1: 1281 Cove Road
Street2:
City: Stamford State: CT: Connecticut
Zip / Postal Code: 06902 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:** Ex. 6 - Personal Privacy (PP)

E-mail Address: lshemitz@soundwaters.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: Ms. First Name: Meg Middle Name:
Last Name: Peterson Suffix:

Title: Vice President, Finance

Complete Address:

Street1: 1281 Cove Road
Street2:
City: Stamford State: CT: Connecticut
Zip / Postal Code: 2039678306 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:** Ex. 6 - Personal Privacy (PP)

E-mail Address: mpeterson@soundwaters.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: Ms. First Name: Meg Middle Name:
Last Name: Peterson Suffix:

Title: Vice President, Finance

Complete Address:

Street1: 1281 Cove Road
Street2:
City: Stamford State: CT: Connecticut
Zip / Postal Code: 06902 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:** Ex. 6 - Personal Privacy (PP)

E-mail Address: mpeterson@soundwaters.org

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: Mr. First Name: Michael Middle Name:

Last Name: Bagley Suffix:

Title: Vice Presidents, Programs

Complete Address:

Street1: 1281 Cove Road

Street2:

City: Stamford State: CT: Connecticut

Zip / Postal Code: 2039678306 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:** Ex. 6 - Personal Privacy (PP)

E-mail Address: mbagley@soundwaters.org

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier: CE98M3FKKRD5

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier: CT

8. APPLICANT INFORMATION:

* a. Legal Name: SoundWaters, Inc.

* b. Employer/Taxpayer Identification Number (EIN/TIN): 06-1263947

* c. UEI: CE98M3FKKRD5

d. Address:

* Street1: 1281 Cove Road
Street2:
* City: Stamford
County/Parish: CT
* State: CT: Connecticut
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 06902-5457

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Dr.
* First Name: Leigh
Middle Name:
* Last Name: Shemitz
Suffix: Ph.D.

Title: President

Organizational Affiliation: SoundWaters, Inc.

* Telephone Number: Ex. 6 - Personal Privacy (PP)
Fax Number: Ex. 6 - Personal Privacy (PP)

* Email: lshemitz@soundwaters.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

1241-Areas Affected by Project.pdf | Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Taking it to the Streets : Collaborating with Disadvantaged Communities / Local Stamford Neighbors To Take Action Against Our Shared Concerns about Upland Trash

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: CT-04 | * b. Program/Project: CT-04

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 | * b. End Date: 11/30/2026

18. Estimated Funding ($):

* a. Federal	416,622.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	416,622.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Dr. | * First Name: Leigh

Middle Name:

* Last Name: Shemitz

Suffix: Ph.D.

* Title: President

* Telephone Number: Ex. 6 Personal Privacy (PP) | Fax Number: Ex. 6 - Personal Privacy (PP)

* Email: lshemitz@soundwaters.org

* Signature of Authorized Representative: Eileen McSweeney | * Date Signed: 04/14/2023

SoundWaters EPA Environmental Justice Budget Narrative: Taking it to the Streets				
Total Project Amount: $416,622				
Sub-award Amount: $75,000				
Total Project Costs & Justification	**Request to US EPA year 1**	**Request to US EPA year 2**	**Request to US EPA year 3**	**Project Total**
A. Personnel/Salaries:				
Key Staff (list by individual - include resume in Appendix)				
Dr. Shemitz (SoundWaters President) will commit 60 hours, at Ex. 6 Personal Privacy (PP), to the EPA project each year. Dr. Shemitz will be in charge of supervision and evaluation. Mr. Bagley (Vice President, Programs) will devote 90 hours, at Ex. 6 Personal Privacy (PP) to the EPA project each year. Mr. Bagley's time will be split between program design and management. The Community Engagement Coordinator will be a full-time position, and will conduct outreach with partners and the broader community to develop the clean up and outreach activities. Captain Virgilio Gonzalez (Captain of the Schooner, SoundWaters) will devote 150 hours to the project, at Ex. 6 Personal Privacy (PP) each year. Capt Gonzalez, a US Coast Guard Certified Captain, is responsible for managing all aspects of the Schooner from staff training to ship management to driving the ship. Mr. Josh Mayo, Fleet Manager, will devote 12 hours per group per year (60 hours/ year) to manage the community learning at the marine trash skimmer and aboard the kayaks for the community groups.				
Leigh Shemitz, Ph.D. President	$5,400	$5,400	$5,400	$16,200
Mike Bagley, Vice President, Programs	$5,700	$5,700	$5,700	$17,100
Community Engagement Coordinator	$58,000	$58,000	$58,000	$174,000
Virgilio Gonzalez, Captain	$5,700	$5,700	$5,700	$17,100
Josh Mayo, Fleet Manager	$1,500	$1,500	$1,500	$4,500
Support Staff (Educators, Assistants, Etc.)				
Each of the 5 schooner educator/ crew members will commit 25 hours, at $15/ hr, to the project. Each of the 5 schooner educator/ crew members will staff the ship, from the sails to the lines to maintaining a safe learning environment. The educator/ crew members will also lead the educational component of the program.				
Schooner educator/ crew member	$375	$375	$375	$1,125
Schooner educator/ crew member	$375	$375	$375	$1,125
Schooner educator/ crew member	$375	$375	$375	$1,125
Schooner educator/ crew member	$375	$375	$375	$1,125
Schooner educator/ crew member	$375	$375	$375	$1,125
sub total: personnel/ salaries	*$78,175*	*$78,175*	*$78,175*	*$234,525*
B. Fringe Benefits: (Health insurance)				
Fringe benefits, calculated at 19% of salary, will be matched by SoundWaters. This fringe covers health benefits, dental and life insurance. There is no fringe for seasonal employees.				

Dr. Shemitz, President	$1,453	$1,453	$1,453	$4,359
M. Bagley, Vice President, Programs	$1,083	$1,083	$1,083	$3,249
Community Engagement Coordinator	$11,020	$11,020	$11,020	$33,060
Captain Virgilio Gonzalez	$1,083	$1,083	$1,083	$3,249
Josh Mayo, Fleet Manager	$285	$285	$285	$855
sub total: fringe benefits	*$14,924*	*$14,924*	*$14,924*	*$44,772*
C. Travel:				
Travel Indirectly Related to Program Implementation				
Schooner. SoundWaters will welcome each community or organization partner to sail on our 80' Schooner SoundWaters. From decades of experience, we know that enjoying Long Island Sound will build greater awareness, understanding and urgency about environmental protection. . Each community-based organization will bring @ 40 members out each years (5 organizations a year, for three years). The cost is $1,150 per trip, which includes costs of schooner insurance, dockage, fuel and maintenance. There are 5 trips in years 1-3.	$5,750	$5,750	$5,750	$17,250
sub total travel	*$5,750*	*$5,750*	*$5,750*	$17,250
D. Equipment: no equipment costs are associated with this proposal				
E. Supplies				
Note that the supplies for the clean-ups (gloves, bags, trash pickers, etc) will be purchased by the community-based organizations, from the funds in their sub-awards. For each clean-up, each group will be awarded 1,000 to cover costs of outreach, staffing and supplies.				
Kayaks (use of 12 double kayaks ($40 each), five times per year)	$2,400	$2,400	$2,400	$7,200
sub total supplies	*$2,400*	*$2,400*	*$2,400*	*$7,200*
F. Contractual: no contractual costs are associated with this proposal				
sub total: contractual	*$0*	*$0*	*$0*	$0
G. Other: We will partner with 5 local community groups. Below are four groups who have committed to the project (with attached letters of commitment) and a fifth that is pending, to be added to the team in the coming months:				
Building One Community (B1C): B1C is a local non profit that works to advance the successful integration of immigrants and their families in the Stamford community. B1C serves as a welcoming point of entry for newcomers from all parts of the world. B1C will be a project partner in community outreach to groups who traditionally have limited access to the local environment, will coordinate transportation to and from their facility to SW dock and will provide training for SoundWaters staff in best practices for engaging their clientele.	$5,000	$5,000	$5,000	$15,000

Future Five is local non profit working with at-risk high school students to provide support to enable the students to develop the skills and resources to thrive in high school and matriculate to college. Over the last 12 years, Future 5 has helped more than 700+ students achieve their academic, career and life goals by connecting them to Coaches, College, the Community, Careers, and most importantly, their own Character.	$5,000	$5,000	$5,000	$15,000
The Waterside Coalition is an active community nonprofit in Stamford. They are a grass roots umbrella organization that includes representatives from neighborhood associations, concerned residents, as well as business and community leaders who meet regularly to identify community issues and mutual concerns and work together to improve Waterside, a economically distressed neighborhood abutting Stamford Harbor.	$5,000	$5,000	$5,000	$15,000
East Side Partnership. The East Side Partnership's mission is to create an exceptional quality of life for the people who work and live in the eastside of Stamford, Connecticut. Its goal is to create a clean, safe and green environment. This is an active community nonprofit in Stamford that consistently incorporates hands-on activities that pursue positive quality of life outcomes on their streets and for their neighbors.	$5,000	$5,000	$5,000	$15,000
Stamford Boys and Girls Club (SBGC). The SBGC is a local nonprofit that provides afterschool and summer programming for low-income families in our community. The SBGC serves as a community gathering place on the City's West side. *This group is pending (no letter of commitment attached).*	$5,000	$5,000	$5,000	$15,000
sub total: other	*$25,000*	*$25,000*	*$25,000*	*$75,000*
H. Total Direct Charges:	**$126,249**	**$126,249**	**$126,249**	**$378,747**
I. Indirect Charges: (10%)	***$12,625***	***$12,625***	***$12,625***	**$37,875**
J: Totals:	**$138,874**	**$138,874**	**$138,874**	**$416,622**

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Taking it to the Streets

1234-5. EPA EJ 2023 SoundWaters Narrative.pdf
application/pdf
cE2TrqXMgrDbAaAyEBHLqHKsRoo=

1235-6 a. EPA EJ 2023 BUDGET NARRATIVE SoundWaters.pdf
application/pdf
M7K0XsRid+PKGaLFQW31Gcd1t8k=

Dr.
Leigh
Shemitz
Ph.D.

President
1281 Cove Road
Stamford
CT: Connecticut
06902
USA: UNITED STATES

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EX. 6 - Personal Privacy (PP)
lshemitz@soundwaters.org

Ms.
Meg
Peterson

Vice President, Finance
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2039678306
USA: UNITED STATES

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Mr.
Michael
Bagley

Vice Presidents, Programs
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EX. 6 - Personal Privacy (PP)
mbagley@soundwaters.org

SoundWaters, Inc.
1281 Cove Road
Stamford
CT: Connecticut
06902

CE98M3FKKRD5
Leigh Shemitz
Ex. 6 Personal Privacy (PP)
lshemitz@soundwaters.org
Presidenet
Y: Yes

N/A
N/A
N/A
N: No
Y: Yes
N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Erin Wischer
ewischer@soundwaters.org
Fax EX. 6 - Personal Privacy (PP)
Telephone EX. 6 - Personal Privacy (PP)
From SoundWaters Employee Manual
Revised and Approved by Executive Committee of BOD: March 13, 2017
XIV. APPENDIX A: GRIEVANCE PROCEDURES
The Grievance Procedure is a systematic process for the hearing and management of employee complaints concerning the personnel policies and working conditions. A grievance must be given in writing to the employee's supervisor, and must include:
 A statement of the policy, procedure, and/or working condition to be addressed;
 The alleged violation;
 The adverse impact of the violation on the employee.
Employees should discuss work-related questions, concerns and problems with their supervisors in a timely fashion so that resolutions can be reached. In the event of a significant difference of opinion, or when pertinent facts appear to have been overlooked, or where the validity of judgment is questioned, employees may request formal review through the Grievance Procedure. Employees may appeal any matter without jeopardizing job security.
Eileen McSweeney
President
2023-04-14

1236-5. EPA EJ 2023 SoundWaters Narrative.pdf
application/pdf
cE2TrqXMgrDbAaAyEBHLqHKsRoo=

1237-6 b. EPA EJ 2023 Logic Model SoundWaters.pdf
application/pdf
24lbYWbOS/SgmgTCjsOVKqLG+PY=

1238-6 c. EPA EJ 2023 SoundWaters Commitment Letters.pdf
application/pdf
7f1CSp60t8iIDF2uFVkN5yWJxOU=

1239-6 d. EPA EJ 2023 SoundWaters Resumes.pdf
application/pdf
OVRTcW3C3D54kJ/iWKFOtLIZ0Zw=

1240-6 e. EPA EJ 2023 SoundWaters 501(c)(3).pdf
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Application
New
2023-04-14
CE98M3FKKRD5
CT
SoundWaters, Inc.
06-1263947
CE98M3FKKRD5
1281 Cove Road
Stamford
CT
CT: Connecticut
06902-5457
USA: UNITED STATES

Dr.
Leigh
Shemitz
Ph.D.

President
SoundWaters, Inc.
EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
lshemitz@soundwaters.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
1241-Areas Affected by Project.pdf
application/pdf
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Taking it to the Streets : Collaborating with Disadvantaged Communities / Local Stamford Neighbors To Take Action Against Our Shared Concerns about Upland Trash
CT-04
CT-04
2023-11-01
2026-11-30
416622.00
0.00
0.00
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416622.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Dr.
Leigh
Shemitz

Ph.D.

President
Ex. 6 Personal Privacy (PP)
lshemitz@soundwaters.org
EX. 6 - Personal Privacy (PP)
Eileen McSweeney
2023-04-14

1.0
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Eileen McSweeney
GRANT13861716

EPA Environmental Justice Application: EPA-OEJECR-OCS-23-01

1.0 Program Objectives

a. Project Summary Page

Project Title: *Taking it to the Streets*

Project Location: Stamford, Connecticut 06901and 06902

Applicant Information: SoundWaters, Inc., 1281 Cove Road, Stamford, CT 06902

Ex. 6 - Personal Privacy (PP) https://soundwaters.org/

Main Contact: Leigh Shemitz, Ph.D., SoundWaters President, 1282 Cove Road, Stamford, CT 06902 Ex. 6 - Personal Privacy (PP) lshemitz@soundwaters.org

About SoundWaters Founded in 1989, SoundWaters is devoted to the protection of Long Island Sound and its watershed by means of access and education for the surrounding community. In pursuit of this aim, SoundWaters hosts shipboard/land-based programs for more than 30,000 preK–12 students each year. SoundWaters provides students with science enrichment, and both children and adults with an understanding of the changes they can make to restore and preserve the Sound and its environment. SoundWaters fosters equity of access to this natural resource and promotes a healthy, resilient future for the Sound, the region and its people.

Project Abstract: *Taking it to the Streets*

Collaborating with Disadvantaged Communities / Local Stamford Neighbors To Take Action Against Our Shared Concerns about Upland Trash

> "Unfortunately, when people come to our neighborhood, they expect to see trash in the streets. We want to change this perception and the reality. Working with SoundWaters on this project will galvanize our community, give our residents a greater sense of control over our quality of life and, at the same time, keep trash from flowing into Long Island Sound, which reflects poorly on our neighborhood and the entire city."
>
> *Virgil de la Cruz, Waterside Coalition, Chair 04.11.2023*

SoundWaters has been conducting coastal clean-ups for three decades - we will conduct over 50 clean-ups in 2023 alone – so we know that we can keep our beaches clean. We also recognize that the true source of environmentally hazardous trash is not our beaches, but rather our upland/inland neighborhoods. Multiple thousands of pounds of trash wash from our streets into Stamford Harbor and Long Island Sound with every adverse weather event. To take on this much wider and much larger challenge, we need to work collaboratively with partners in our community. *Taking it to the Streets* is SoundWaters proposal to, in collaboration with Stamford organizations and neighborhoods, tackle trash before it can do irreparable harm our greatest natural resource. We will focus our initial efforts on working with disadvantaged communities and populations in Stamford not traditionally engaged in environmental protection with the goal of preventing tons of trash from reaching Long Island Sound and promoting and embedding behaviors that will improve the quality of life in our upland neighborhoods.

Are you applying for the Small CBS track for $150,000 projects?..... NO
Type: Demonstration **Environmental Issue:** Trash **Special Considerations:**. NO
Project Partners: (1) Building One Community (local non-profit resource agency for immigrants), (2) East Side Partnership (non-profit community group), (3) Future 5 (local non-profit youth development organization), (4) Waterside Coalition (non-profit community group)

Will SoundWaters develop a QAPP for this project? …..……..……....NO

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b. Environmental Information of the Underserved Community

SoundWaters *Taking it to the Streets* has identified the areas just north and south of Stamford's I-95 corridor and the Metro-North rail route. This includes the downtown business district and the historically designated eastside and westside neighborhoods. These three areas of the City are diverse in every way. There are pockets of wealth that include major retail establishments, a university campus, the headquarters of major corporations and high-rise luxury apartment buildings. However, alongside such prosperity is a desolate shopping mall that is almost empty of retail stores, low-income public housing, empty downtown storefronts and elevated crime rates on the westside south of I-95.

Low-income residents live closer to the highway and a very busy Boston Post Road (U.S.1), while residents that are more affluent have options to live in Stamford's wealthier housing enclaves. Air and trash pollution from the thousands of automobiles that race through this area are a constant threat to the health and quality of life for this low-income population. Our four committed partners and their clients are located in these environmentally vulnerable pockets of Stamford. It is often difficult to connect with residents living in these impoverished sections of Stamford. These residents usually are not integrated into significant City projects because of language barriers, shift work schedules, and social and emotional insecurities.

> Environmental indicators for the Waterside Coalition's westside neighborhood has a hazardous waste proximity of 6 compared to 3 for the state average and 2.2 for the U.S. average. Traffic proximity is rated at 17 compared with 12 for both the state and the U.S. The eastside indicators are similar: proximity to hazardous waste is 4.1, state average is 3, and U.S. average U.S. is 2.2. [EPA EJ Mapping Tool]
>
> 42% of downtown and eastside residents and 54% of westside residents spend more than 30% of their income on housing. Unemployment for the westside is 7%, the eastside, and downtown 5%, higher than the City's overall rate of 4%. [Stamford GIS Mapping Tool]

Neighborhood trash that goes uncollected attracts vermin, is demoralizing and negatively affects residents' health and overall quality of life. As there is a price-tag associated with many outdoor activities in the City, SW, through this project, will be able to offer no-cost opportunities for children and adults to be outdoors and unplugged, learn new skills – such as kayaking, and see first-hand through SW schooner sails and touring the trash skimmer in Stamford Harbor, and learning to kayak, how important their trash removal activities upstream are to the downstream waters of the Sound. *Taking it to the Streets* invites these outsiders to become insiders and enjoy the emotional/social benefits of being part of something important.

c. SoundWaters Historical Connection to Underserved Community

SoundWaters (SW) was founded over three decades ago - when the health of Long Island Sound was in crisis - in the belief that providing access to the Sound would foster education and a culture of stewardship, ultimately leading to a healthier environment and a stronger/thriving community. Private waterfront properties ring Long Island Sound, giving it one of the highest barriers to entry of any body of water in the United States. To overcome this barrier, SW established the principle that *no student or school will be turned away from a SW program for the inability to pay*. Our adherence to this principle is borne out by our commitment to scholarship: annually, over 50% of our 30,000 students who we teach receive partial or full

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scholarship. We have developed a longstanding and trusting relationship with underserved communities, which we have extended into specific programming to engage disadvantaged populations in environmental protection and the benefits of a healthy environment.

In addition to offering scholarships, SW has created programs specifically for underserved populations, some focused on students and others reaching whole families. Our longest standing such program is Young Mariners Academy and eight-week summer program, which focuses on sailing and academics to instill positive academic habits and life skills in middle school students. A learning pipeline, students enter as rising 6th graders and graduate the program four summers later as they head into high school, confident and better prepared academically. Typically, over 90% of Young Mariners students receive scholarships.

Since 2021, we have run the Marine Debris Kayak Program to give underserved communities no-cost access to the health and emotional benefits of Long Island Sound and the opportunity to take an active role in environmental advocacy. Working with four of our five partners on this grant – Building One Community, East Side Partnership, Future Five and the Waterside Coalition – we make our fleet of kayaks available on summer weekend mornings to members of those communities - most of whom have never been in a kayak - to learn and enjoy paddling on the Sound and take part in marine debris clean-up as they go. To date, 486 members of these communities have paddled and pulled 339 pounds of debris from the water.

In 2022, supported by a two-year EPA Environmental Education grant, we started *Sound Families*. Utilizing our 80' Schooner *SoundWaters*, we will sail on multiple occasions exclusively with five partner organizations, including Building One Community and Future Five, representing a wide cross-section of our region's disadvantaged (low income, immigrant, people of color) communities. The objective is to engage families – students, siblings and parents – in a very enjoyable experience on Long Island Sound while introducing them to science concepts of water quality, animal populations and marine debris. To date, over 100 family members have sailed with several hundred more already scheduled for summer, 2023. In the words of one of our Sound Families passengers, "It's so beautiful out here…I feel like I can breathe again."

SW has worked extremely hard to forge deep and strong partnerships with our partner organizations. In addition to our existing work with our partners, we have worked closely with the Waterside Coalition, Building One Community and Future 5 on our regular coastal clean-up activities over several years. They communicate our clean-up programs to their members and organize themselves to participate each month. As we launch *Taking it to the Streets*, we will work closely with each organization to educate, motivate and activate their members support. Heretofore, SW has organized coastal clean-ups for members of the community. Going forward, we will show up and support the upland trash pick-up efforts of our partners. Their respective organizing committees will recruit volunteers, purchase supplies, organize events and document the results, taking full control over how their community is perceived and improve their quality of life.

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d. EJCPS Model

Taking it to the Streets is based entirely on collaboration with underserved communities to solve a problem that affects the broader community, but disproportionately impacts disadvantaged populations.

Coastal clean-ups are well within SW existing capacity; we have been conducting them regularly for over 30 years and they are effective and important. In 2023 alone, we project to organize approximately 40 coastal clean-ups for the public, school and youth groups and the business community, working with an estimated 1,200 people. We are confident that our coastline is as clean as we can safely make it. It is inland, on our neighborhood streets, where we cannot succeed without help.

Our inland streets are a tremendous source of hazardous marine debris, but we can't reach it without collaborating with motivated community partners who live or work in those neighborhoods. *Taking it to the Streets* proposes to partner with local neighborhoods and community organizations to focus efforts to clean a primary source of marine debris – inland neighborhood streets - and to bring underserved communities together to improve their local environment and quality of life.

Working with the EJCPS model, we expect to utilize five of seven elements:

1. Issue Identification, Visioning and Strategic Goal-Setting: The streets are not our space so SW will have to work early, closely and often with neighborhood and organization leaders to design a realistic, effective and sustainable trash clean-up program that will work for them to unite their respective communities behind shared goals to bring about the positive change we collectively seek.

2. Community Capacity-Building and Leadership Development: An effective and sustainable program can only be built from within each local community. SW will work closely with and support neighborhood efforts throughout the project to achieve their goals, but ultimately, success will happen when leaders from each community rally and educate their volunteers and advocate for their neighborhoods. We anticipate that local leadership skills will develop over the three years of this program resulting in increased awareness and participation by volunteers and engagement with city officials.

3. Constructive Engagement with Relevant Stakeholders: Neighborhood leaders live and work in their neighborhoods, care about their neighborhoods and want to bring about positive change in their neighborhoods, but they do not own their neighborhoods. For that reason, the City of Stamford is also a major stakeholder and also will need to engage as a collaborative partner in this effort, whether it be bulk removal of trash following a clean-up event or remediating trash problems that are identified during the course of this project. Either way, neighborhood leaders will be empowered, encouraged and supported by SW in their efforts to work constructively with the City to sustain positive changes that come from this project.

4. Sound Management and Implementation: We recognize that the goals for *Taking it to the Streets* are multi-faceted - clear trash from inland streets, motivate neighborhoods to unite around creating positive change and empower underserved communities to advocate for themselves, not to mention stemming the flow of trash into Long Island Sound – and this project has the potential to accomplish all of these goals, but there is no expectation any of this will be simple. SW will work closely with all partners together on overarching goals and strategies and with each partner individually to design action plans unique to their circumstances.

5. Evaluation: *Taking it to the Streets* will be an iterative project. We will work closely with our partners to plan year one of the project, fully expecting that we will continue to adjust plans as we go through the year. At the conclusion of the year, we will assess results and our working relationships and adjust accordingly to prepare to be better and more productive in years two and three. Ultimate proof of performance will be the sustainability of the project on the neighborhood level after the project has finished.

e. Project Linkages

Achieving Strategic Plan Goal #2, Objective 2.1 is EXACTLY what *Taking it to the Streets* is designed to do. In order for us to achieve our objective to minimize the flow of trash from specific inland neighborhood streets into Long Island Sound, we absolutely have to engage leaders and residents of those neighborhoods. The neighborhoods and organizations we have selected as project partners all qualify as underserved. As we form those relationships, we will empower our new partners with the knowledge, confidence and resources (i.e., capacity) they will need to sustain the actions and behaviors embedded in *Taking it to the Streets* well past the term of the project.

f. Partner and Collaborate

Five committed partners for *Taking it to the Streets* will be managed as subrecipients.

SW will obtain a Memorandum of Understanding (MOU) that outlines the responsibilities of SW, each partner and allowable Participant Support Costs (PSC), as listed in the budget attachment.

SW will track and report each partner's activities and expenses on a regular basis. Allowable expenses include staff time for meetings, community outreach and recruitment, and clean-up supplies.

Committed Partners

SW has recruited a group of partners who are respected in their communities, have a recognized history of community service and work tirelessly to promote EJ opportunities for their clients. Partner organizations are aligned in the environmental challenges that affect their clients. Yet, they serve diverse audiences that include new immigrants, teenagers, and local businesses and residential neighborhoods.

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1. Building One Community (B1C*)* is a committed partner for this project. B1C's mission is to advance the successful integration of immigrants and their families in Stamford, Connecticut. B1C serves approximately 3,400 immigrants each year through English language programs, family, parent and individual support services, immigration legal services and workforce development. B1C's two locations located in the eastside and westside of Stamford are low income sections of the city.

a. B1C staff and participants will help to organize efforts in collaboration with neighborhoods and other organizations. B1C will bring the mostly Hispanic voice to the project; a voice that frequently does not have a platform from which to be heard.

b. B1C represents the many thousands of immigrants who have settled in Stamford in recent years. Stamford Public Schools enrollment reflects this diversity. The District's student body is 46% Hispanic, 14% Black and 4% two or more races.

c. B1C will recruit volunteers for their clean-up events from the neighborhoods surrounding their two facility locations. In addition, B1C's volunteers will record data from their efforts, including amounts of trash collected, number participants, and anecdotal accounts.

d. B1C has a vested interest in *Taking it to the Streets* because a meaningful real and relevant neighborhood clean-up project is a powerful way for B1C families to be truly at home and integrated into their new communities.

e. SW anticipates that not only will it sustain *Taking it to the Streets* with B1C but grow its reach throughout Stamford's immigrant community. SW currently offers two programs that target low income families and, in particular, B1C's immigrant clients: Marine Debris Kayak and Sound Families. This project will continue to help expand SW portfolio of environmental stewardship programs for disadvantaged residents in Stamford.

2. The **East Side Partnership's** mission is to create an exceptional quality of life for the people who work and live in the eastside of Stamford, Connecticut. Its goal is to create a clean, safe and green environment. This is an active community nonprofit in Stamford that consistently incorporates hands-on activities that pursue positive quality of life outcomes on their streets and for their neighbors.

a. The East Side Partnership (Eastside) staff and volunteers will help to organize efforts in collaboration with neighborhoods and other organizations. East Side will promote and recruit their neighborhood volunteers to join this clean-up project and include it in their regular roster of community activities.

b. The East Side demographic profile is 46.2 % of the residents are Hispanic, 34.1% White (non-Hispanic), 11.9 % Black, 7.7% Other. 43% of the households spend 30% or more of their income on housing. The unemployment rate is 5% and 15% of households identify as having limited proficiency in English.

c. East Side will bring all of its organizational skills and neighborhood connections to *Talking it to the Streets*. Its experienced staff leadership will work with other organizations to mobilize their combined efforts to create a successful partnership. In addition, East Side will recruit from its roster of committed volunteers to take action in eastside neighborhoods to prevent trash from washing into Long Island Sound with rainwater.

d. At least 50% of East Side activities concern trash removal from the neighborhood and all of their activities are focused on creating an exceptional quality of life for the people who live and work on the eastside. For example, East Side has placed 22 trash receptacles along East Main Street. *Taking it to the Streets* will broaden the East Side Partnership's connection

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with other organizations that share their concern for clean, green neighborhoods in Stamford.

e. East Side activities align with those of SW, as both organizations engage in removing trash, environmental advocacy and environmental community events. Environmental stewardship is at the heart of both organizations and this project. *Taking it to the Streets* presents a clear pathway to building a long-term association with the East Side Partnership.

3. **Future 5,** a Stamford non-profit organization**,** helps motivated, under-resourced high school students in Stamford connect to the people, resources, and experiences essential to making the transition to post-secondary education and careers. Future 5 serves approximately 300 older high school students. Each year Future 5 offers its students job and college preparation workshops, tutoring, community service, mentors and networking with Future 5 alumni.

a. Future 5 staff and students will organize their clean-up events in collaboration with neighborhoods and other downtown businesses and organizations.

b. Future 5 students represent a group of Stamford high school students who are motivated to prepare for career and college opportunities and to pursue multiple community service projects. Future 5's students are mostly from low-income households and are Black or Hispanic. Their activities take place in all parts of the City with an emphasis on downtown Stamford. Downtown Stamford is a mixed-neighborhood of upscale businesses along with empty storefronts hit by the pandemic to new high-rise residences and low-income public housing.

c. Future 5 students will bring the next generation's views, ideas and energy to the project. Future 5 staff and students will coordinate with project events to remove trash from Stamford's streets before it has the chance to wash into Long Island Sound with storm water. Future 5 volunteers will record data from their efforts, including amounts of trash collected, number participants, and anecdotal accounts.

d. Future 5's interest in this project is to educate and engage its students directly in community service projects that are real, relevant and improve the quality of life in Stamford's neighborhoods. Future 5 believes that *Taking it to the Streets* will give students agency to use their actions and voices to improve their community.

e. *Taking it to the Streets* aligns easily with Future 5's enthusiastic participation in SW weekend coastal clean-ups. SW and Future 5 have partnered successfully over the years on four ongoing SW activities and events, that include 1) at almost every monthly coastal clean-up along Stamford's beaches and coastal parks, 2) during HarborFest, SW all-day free environmental harbor festival, 3) participation in SW Marine Debris Kayak program and 4) upcoming participation in SW Sound Families program during the current sailing season.

Taking it to the Streets will help to reinforce and sustain these mutually beneficial collaborations.

4. The **Waterside Coalition** (Waterside) is a grass roots umbrella organization that includes representatives from neighborhood associations, concerned residents, as well as business and community leaders who meet monthly to identify community issues and mutual concerns and work together to improve Waterside.

a. The Waterside Coalition (Waterside) members and volunteers will help to organize efforts in collaboration with neighborhoods and other organizations. Waterside will promote and

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recruit their neighborhood volunteers and businesses to join this clean-up project and include it in their regular roster of community activities.

b. Most neighborhood students attend Stamford Public Schools, which is rich in diversity and has teachers and students from many cultural socioeconomic backgrounds and geographic locations. Waterside is located in Stamford's westside and its demographic profile is 40.8 % of the residents are Hispanic, 30.6 % Black 23.4% White (non-Hispanic), 5.2% Other. 54.4% of Westside households spend 30% or more of their income on housing. The unemployment rate is 6.7% and 8.3% of households identify as having limited proficiency in English.

c. Waterside will bring all of its organizational skills and neighborhood connections to *Talking it to the Streets*. Its experienced volunteer leadership will work with other organizations to mobilize their combined efforts to create a robust partnership. Also, Waterside volunteers will join in neighborhood project activities to collect trash, to create a cleaner, healthier community and to establish a cadre of environmental stewards for Waterside.

d. Many Waterside neighbors are already passionate about improving quality of life issues in their neighborhood. They have welcomed the City's revitalization of John J. Boccuzzi Park, Waterside's park, and the location of SW new coastal education center, the Cohen SoundWaters Harbor Center. This project offers a diverse group of business and residential residents a way to work together and take part in clean-up efforts that will focus on city streets, in addition to traditional coastal clean-ups along Stamford Harbor.

e. Over 10 years, the Waterside Coalition and SW have developed a strong bond that has been forged from multiple collaborations with neighborhood festivals, beach clean-ups and community meetings. The Waterside community has welcomed SW growth at Boccuzzi Park from its offering one summer program for 100 students to operating a state-of-the art year-round education facility that can accommodate space for hundreds of students, and community meetings and events. These connections make SW confident that having the Waterside Coalition as a project partner will be sustained long after the end of any federal support.

Partnerships Under Development

5. **Boys & Girls Club of Stamford (BGCS)** serves children from ages 6 through 16 and beyond. BGCS provides its children a safe and fun place to grow and thrive. It delivers engaging programs focused on academics, health and leadership. It also offers trained staff who guide, coach and motivate their children to be successful.

a. BGCS staff will help to organize efforts in collaboration with neighborhoods and other organizations. BGCS will promote and recruit families and neighborhood volunteers to join the project and make it a regular activity.

b. BGCS is located on Stamford's westside, where over 70% of the community is categorized as low income. With over 45% of their youth coming from single parent households, many have no adult supervision at home and spend each day at the Club until parents return from work. 42% of these children are African American, 50% Hispanic, 4% Caucasian, 2% multi-racial and 2% from other races. 58% of the members are male and 42% are female.

c. BGCS staff and members will schedule, recruit and manage several neighborhood clean-up events that will mobilize its young people and their families to take part in environmental stewardship and understand the threat that upland trash presents to their coastal Long Island Sound waters. Also, staff and BGCS volunteers will help to manage project reporting data.

d. BCGS believes that *Taking it to the Streets* will be an exceptional project to undertake

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with SW and other local Stamford organizations to advocate for a cleaner city and to guide its boys and girls to become the future stewards of their environment.

e. In 2022 BGCS families took two ecology Sound Families schooner sails. SW will offer parents and children new to Sound Families upcoming opportunities to learn about their Long Island Sound environment. The success of this venture has made BGCS eager to join together again with SW and other local organizations on a family focused project that promotes community engagement for a cleaner city.

2.0 Project Activities/ Milestone Schedule

a. Project Activities

Formalize Partnerships: SW Community Engagement Coordinator will establish formal partnerships, clarify terms and work plan with counterparts at each partner community or organization.

Communities Organize: Working independently, each community will establish its own internal leadership group for the project to organize its *Taking it to the Streets* effort and liaise with SW and other partners.

Project Kick-Off: SW and all project partners will attend a meeting to kick-off *Taking it to the Streets*. Federal, State and City elected officials will be invited to the kick-off to engage with the community and express their support for this collaborative effort. To build community-wide interest and momentum for the project, all members of the community will be invited to the kick-off.

- Education on marine debris ("the issue")
- Overview of the Project ("the solution")
- Description of next steps ("the actions")

Individual Community Planning: Each participating community and organization will work to develop their own action plan for undertaking the project in their neighborhood(s). Action plans will include:

- Promotion & Recruitment
    - Each leadership group will build awareness of the project within their local community. Using primarily digital tools, the goal is to recruit the maximum number of community members possible for all clean-up activities.
- Education
- Action Planning
- Evaluation
    - Partners will assess program effectiveness through the numbers, types and consistency of participants, the amount of trash collected and photos and testimonials from the events and participants.

Clean-Up Activities: We anticipate each partner will organize at least five (5) neighborhood street clean-up events each year for three years preventing trash from ever washing from their local streets into Long Island Sound. Partners will determine their own schedule and logistics that maximize participation and the impact of their events. SW will provide each partner with funds for supplies, promotion and miscellaneous expenses related to their efforts.

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SW will host at least one session per partner each year to work on our Marina Trash Skimmer in Stamford Harbor. The trash skimmer is one of the best tools we know of to educate the public on the extent, sources and hazards of marine debris.

SW will host at least one Marine Debris Kayak event each year for each partner. In these events, which we have been conducting with underserved communities for several years utilizing our fleet of kayaks, we will lead a flotilla of kayaks on a paddling tour of Stamford Harbor with trash pickers and buckets and encourage paddlers to pick up trash as they find it. From our experience, we know this will be the first time in a kayak for most. Therefore, our goal is to provide access to the benefits and beauty of Long Island Sound and at the same time, to understand the downstream trash problem from a totally new perspective.

SW will welcome each partner to sail on our 80' Schooner *SoundWaters* each year. Our schooner can hold 40 adults. From decades of experience, we know that enjoying Long Island Sound from the deck of our schooner will build greater awareness, understanding and urgency about environmental protection.

f. Milestone Schedule

Timeframe	**Milestone Activity**
November, 2023 – March, 2024	Formalize Partnerships: clarify terms and work plan with leadership of each partner community or organization.
January – April, 2024	Communities Organize: Each community establishes its own internal leadership group for the project to organize its effort and liaise with SW and other partners.
January – April, 2024	Individual Community Planning: Each participating community and organization will work to develop their own action plan for undertaking the project in their neighborhood(s). Action plans will include: • Promotion & Recruitment • Education • Action Planning • Evaluation
March-December, 2024	Purchase of supplies, as needed, to run each clean-up event.
April, 2024	City-wide *Taking it to the Streets* kick-off
April – December, 2024	Neighborhood leaders each organize at least 5 local clean-up events and report results to SW: number of participants, amount of trash collected and photos.
June – September, 2024	SW hosts a two-hour Marina Trash Skimmer event for each community partner.

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June – September, 2024	SW hosts a one-hour Marine Debris Kayak event for each community partner.
June – September, 2024	SW hosts a two-hour sail on the Schooner *SoundWaters* for each community partner.
December, 2024-February, 2025	Evaluation of program and consideration of changes for year #2.
March, 2025	Kick-off year #2 of program
March – December, 2025	Partners each organize at least 5 local clean up events and report results to SW.
January 2026 – November 30, 2026	Project continues Year #3.

3.0 Environmental Results

a. Logic Model Attached

b. Performance Measurement Plan

What We Are Measuring?	**How We Are Measuring?**
Data	We will track key data points over the three-year term of the project to gauge how well our action plan is performing: 1) Number of events, including planning meetings, kick off events, clean-ups and related education events; 2) Number of participants and 3) Amount of trash collected. Our objective is for these numbers to increase event to event and year over year as the project gains traction, leadership teams gain experience and confidence and community volunteers gain awareness and motivation.
Quality of Relationships	Relationships are key to the success of this project: 1) SW with community partners; 2) Between community partners; 3) Community Partners with City officials. Improving relationships may correlate with increasing data, but we will also measure relationship strength qualitatively, through testimonials, anecdotes and personal observations. We expect improvement over time as the project gains momentum and partners gain experience and confidence in themselves and trust in their counterparts. Establishing and strengthening these relationships are primary goals for this project because strong relationships will sustain and hopefully expand neighborhood-led efforts beyond the term of this project.

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c. Sustainability Plan and Community Vision

Sustainability and vision of are wrapped up together in *Taking it to the Streets*. SW's long term vision for the project is a community where residents are motivated to clean trash from their streets because doing so will improve their neighborhoods and their quality of life AND because they understand that doing so will protect Long Island Sound, a resource we hope they will come to know and appreciate over the course of this project. If we can engage neighborhoods in that manner, it will be much more likely that neighborhoods will sustain the actions, behaviors and benefits of *Taking it to the Streets* long after the initial project term.

4.0 Programmatic Capability

a. SoundWaters Experience and Reach

SW has demonstrated the capability and experience to complete successfully similar federally funded projects.

1. Coastal Clean-up Experience. SW conducts more than 40 Long Island Sound coastal clean-ups each year and welcomes hundreds of Stamford volunteers. SW provides local environmental information and guidance, along with safety gear and supplies for each clean-up. The enthusiasm for these events grows each year. For example, on February 5, 2023, 70 adults and children gathered at Stamford's West Beach Park and collected 424 lbs. of trash - trash that will not reach the waters of Long Island Sound. 135 people already have registered for the April 15 Cove Island Clean-up.

2. Environmental Justice (EJ) Activities.

a. *SoundWaters Research Intensive* (SRI) program for upper grade students incorporates environmental justice discussions throughout the year. This approach gives voice to our SRI interns in order for them to develop the skills needed to address EJ issues and achieve community health and sustainability.

b. *Marine Debris Kayak (*MDK) successfully worked with Building One Community and Future 5 in 2021 and 2022 to welcome families and high school students who learned to kayak with SW on summer weekends and collect, weigh and record any marine debris they find as they paddle along Stamford's coastline. In 2022 119 (60 children, 59 adults) collected 62 lbs of marine debris that was floating, light in weight and small in size. MDK will continue in 2023 and is part of our ongoing summer programming.

c. *Sound Families* started in fall 2022 to complement our already successful MDK summer program for Stamford's low-income and immigrant residents. SW schooner crew created a "science light" program, and 101 people were introduced to the intertidal zone, hauled in the trawl net, examined creatures of the Sound, and set the schooner's sails. Our Sound Families learned and soaked in the beauty of the Sound and laughed and enjoyed each other's company and, mostly, had fun. This SW experience allowed our passengers to join their neighbors in starting the journey towards becoming environmental advocates for and stewards of their new community through increased environmental knowledge and opportunities for volunteer activities. Sound Families will continue in spring 2023.

d. *Marina Trash Skimmer* In partnership with Clean Ocean Access (COA), SW installed and operated a Marina Trash Skimmer (MTS) on the west branch of Stamford Harbor at Harbor Point Marina in early October, 2019 to remove marine debris and improve habitat. SW will continue to operate the MTS and will use it as part of this project's community education component. Several community groups helped SW to make the MTS a success including the Harbor Point Marina, Stella Mar Oyster Co. and the Stamford Harbor Commission. Visitors to the MTS are always engaged with

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the why, how and when of the MTS at Stamford's Harbor Point development.

e. *The scale of SoundWaters is tremendous*. SW reaches more than 30,000 students each year, one half of whom attend SW programs at no or highly reduced cost. SW is accustomed to working with disadvantaged populations of children and adults, from across the Long Island Sound region, to introduce them to the science of their natural world, enhance their daily lives and bolster their academic achievement.

b. Staff Experience and Qualifications of Project Manager (PM)

1. Recognized as a nonprofit leader, Leigh Shemitz, Ph.D. has been president of SW since 2005. Dr. Shemitz' responsibilities for SW include setting strategic direction, developing programs, creating partnerships, overseeing operations, and managing the SW staff and budget. Dr. Shemitz currently serves on two local Boards: the Stamford Environmental Protection Board (since 2007) and the Bartlett Arboretum and Gardens (since 2016). Dr. Shemitz earned a Bachelor of Arts degree in history and literature from Harvard University, a Master's degree in forest science from Yale University, and a Ph.D. in environmental health, also from Yale University.

   Dr. Shemitz created the blueprint for *Taking it to the Streets* and will focus on start-up partner outreach and communications, and project evaluation. Through her reputation as a leader who follows through on her commitments to the community, the environment and students, Leigh has already started seeing success in recruiting community leaders who are ready to commit to this new neighborhood initiative that has long-term positive consequences for improved quality of life and environmental stewardship in Stamford's low-income neighborhoods.

2. SW Vice President, Programs, Michael Bagley, is U.S. Coast Guard licensed captain, and responsible for SW land and ship programming. Prior to joining SW, with 20 years in experiential learning, he led outdoor education programs for thousands of children and adults with a specialty in school-based training for at-risk youth in urban classrooms. He holds a BA in psychology from Hartwick College.

   Mike's time will be split between program design and supervision. Mike will recruit for the position of Community Engagement Coordinator for the program. Mike has an impressive portfolio of EJ programs that he has created and is managing for SW:

   a. Harbor Corps This year-round program targets Fairfield County, Connecticut young adults, 18–26 year old men and women, who need assistance to overcome extraordinary barriers to employment. Many recruits are enrolled in pre-release/re-entry programs at community organizations, such as AIC (Alternative Incarceration Center). This population is traditionally poor and 100% are unemployed with limited job skills.

   b. Young Mariners Academy This year-round program combines a math and science-based curriculum, while at the same time includes emotional and social support, and self-confidence through outdoor activities and sailing for students entering 6th grade through 9th grade. More than 90% of Young Mariners attend with scholarship support.

   c. Marine Debris Kayak and Sound Families were both designed and managed by Mike. Mike's program design for both of these programs were tailored for Stamford's lower income and immigrant families. He recognized the need for bilingual instructors/staff to work with this audience that has contributed to the popularity of both programs.

   Mike's daily, hands-on experience with low-income residents and innovative programs that address EJ struggles in the Stamford community make him a recognized leader in this arena.

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2. Community Engagement Coordinator Mike Bagley will recruit an individual for this position who has the following capabilities:

- Commitment to the SW belief that a healthy community is a human right, and works every day to make this a reality.
- Experience in mission-based conservation and/or EJ programs.
- A comprehensive understanding of coastal resiliency and marine debris issues.
- A proven track record of leadership in coalition-building and related management of successful projects.
- A strong public speaker, able to communicate effectively with diverse audiences.
- Excellent written and verbal communication skills, and strong interpersonal skills to share *Taking it to the Streets* activities and vision.
- Excellent field skills to develop and sustain a citywide neighborhood project.

SoundWaters Community Engagement Coordinator will have the leadership skills and the ability to be a positive representative for SW and *Taking it to the Streets*. This will be a full time position and will continue after an EPA EJ grant award.

5.0 Past Performance Federal and non-federal funded assistance agreements that SoundWaters performed from 2020 – 2023:

1. **EPA Environmental Education Award No. NE-00A00402 09/01/2019 - 08/31/2022 A Demonstration Bio-extraction Seaweed Farm**

a. SW successfully completed a 36-month environmental education project, to site and establish a seaweed farm in Stamford Harbor, Connecticut that created a locally focused project that led community members, including seven farm managers, to take sustainable actions that will lead to long-term environmental protection of coastal habitats.

b. SW met all reporting requirements on time and consistently reported challenges that involved the Joint Agency Application process to obtain a permit for the farm site and how SW staff managed the process to a successful conclusion. SW received a one-time no-cost 12 month extension because of delays in the Joint Agency Application process.

c. Due to COVID-19 restrictions, SW successfully reported its shift from in-person student education to its distance learning program, *Virtual Field Trips*. *S*everal distance learning units focused on watershed management, coastal aquatic plants and animals, and bioremediation efforts in LIS and its watershed. 47,000 and 780 teachers took advantage of SW on-line science instruction. SW *Virtual Field Trips* brought students to the farm virtually and provided teachers with on-going aquaculture units and supporting materials. The entire SW staff participated in this intensive effort and were proud of this accomplishment.

d. SW received final approval for close-out of this agreement on January 5, 2023. The SW Kelp Farm currently is in its fifth growing season. There were no final technical reports required under the agreement.

2. **NOAA Award No. NA19NMF0080091 08/01/2019 - 07/31/2022 One Million Bottle Caps! Meaningful Environmental Education and Stewardship for Middle School Students and Teachers**

a. SW successfully engaged 4,000 Stamford Public Schools sixth grade students and 14 middle school teachers over three-years to study different aspects of human impact on our environment, and learned about the connection between the single bottle cap dropped in a city street with marine animal health, water quality and quality of life issues.

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b. This project included a hands-on field study component, the Bottle Cap Challenge, and tasked students to collect one million bottle caps for a district-wide recycling project.
c. Through on-going hands-on activities, in-person and distance learning presentations, SW facilitated Stamford sixth grade students to collect more than two million bottle caps over three years (averaging 500 caps/student).
d. Two Stamford middle schools took part in the Design Challenge and over eight weeks, students met remotely with experts from different fields and helped to create a small tray and larger bin from the recycled caps. All 4,000 Stamford students who were part of this project received the final product of their efforts.
e. Due to COVID-19 restrictions, SW successfully reported its shift from in-person student education to its distance learning program, *Virtual Field Trips. S*everal distance learning units focused on watershed management, coastal aquatic plants and animals, and bioremediation efforts in LIS and its watershed. All 14 middle school science teachers took advantage of SW on-line professional development provided specifically for the Bottle Cap Challenge. SW *Virtual Field Trips* brought students outdoors virtually and provided teachers with on-going human impact units and supporting materials.
f. During the COVID-19 pandemic, SW educators used more than 100 NOAA online assets to create customized NGSS-based lesson modules, including video lessons, support materials, worksheets and a short quiz. SW virtual content for the NGSS recommended middle grades curriculum included three topics: Humans and our Environment, Coastal Field Study and Science on the Sound. The students and teachers remained engaged with the project throughout the pandemic.
g. SW met all reporting requirements on time and consistently reported challenges that related only to the pandemic. The successful close-out date for this agreement was December 19, 2022. SW continues to provide all current 4,000 6th grade Stamford students with environmental instruction and hands-on field study in 2022-2023 school year. There were no final technical reports required under the agreement.

3. **Long Island Sound Stewardship Fund 2021 4/1/2021–4/3/2022**
Marine Debris Kayak (MDK)

a. SW successfully completed a pilot program that addressed two major and interrelated problems plaguing the Long Island Sound community and leverage them against each other to work towards a joint solution: 1) High levels of marine debris and 2) Low levels of access by communities of color to enjoy the benefits of Long Island Sound or to engage in environmental advocacy.
b. SW worked with two local organizations: Building One Community (immigrant resource center) and Future 5 (career goal resource center for high school students) to welcome hundreds of members of their community to enjoy the benefits of Long Island Sound and engage in environmental protection and 2) Remove floating trash from Stamford Harbor over a four-month period.
c. MDK trash collection numbers: 62 lbs. collected, by 119 kayakers (60 children, 59 adults) over 9 sessions. This trash was mostly very small pieces of lightweight plastic, such as bottle caps, paper, cigarette butts, fish lines and Styrofoam.
d. The program was delivered as originally proposed and approved. We met our stated goals and conducted all activities as anticipated. The Marine Debris Kayak program is entering its third season starting this June 2023.

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The above projects indicate that SW has the ability to successfully complete and manage large projects, meet reporting requirements, achieve expected outputs and outcomes, and successfully continue these projects at the end of grant funding. SW has the organizational and staff expertise for timely and successful achievement of the objectives of our proposed project: *Taking it to the Streets.*

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Internal Revenue Service

Department of the Treasury

District
Director

10 MetroTech Center
625 Fulton Street
Brooklyn, NY 11201

Date: MAY 30 1995

SoundWaters
Cove Island Park
1281 Cove Road
Stamford, CT 06902

Person to Contact:
Patricia Holub
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)
EIN: 06-1263947

Dear Sir or Madam:

Reference is made to your request for verification of the tax exempt status of SoundWaters, Inc.

A determination or ruling letter issued to an organization granting exemption under the Internal Revenue Code remains in effect until the tax exempt status has been terminated, revoked or modified.

Our records indicate that exemption was granted as shown below.

Sincerely yours,

Patricia Holub

Patricia Holub
Manager, Customer
Service Unit

Name of Organization: SoundWaters, Inc.

Date of Exemption Letter: November 1989

Exemption granted pursuant to section 501(c)(3) of the Internal Revenue Code.

Foundation Classification (if applicable): Not a private foundation as you are an organization described in sections 509(a)(1) and 170(b)(1)(A)(vi) of the Internal Revenue Code.

building one community
The Center for Immigrant Opportunity

April 12, 2023

USEPA Region 1 – New England
5 Post Office Square - Suite 100
Boston, MA 02109-3912

Partnership Letter of Commitment for SoundWaters "Taking it to the Streets"
Funding Opportunity Number: EPA-R-OEJECR-OCS-23-02

As Deputy Director of Building One Community in Stamford, Connecticut, I am writing this letter to you to express my commitment to collaborate with SoundWaters and other community organizations in establishing a citywide neighborhood trash removal initiative, "Taking it to the Streets."

The mission of Building One Community-The Center for Immigrant Opportunity (B1C) is to advance the successful integration of immigrants and their families. Our vision is one welcoming community in which all immigrants are thriving and contributing members. Since its inception more than 11 years ago, B1C has served more than 15,200 immigrants who speak 47 different languages and originate from 117 countries with an array of research-based programs proven to accelerate their integration and success.

Partnering with SoundWaters, B1C staff and members will develop and organize efforts in collaboration with neighborhoods and other organizations to remove trash from our streets before it has the chance to wash into Long Island Sound with storm water. We will record data from our efforts, including amounts of trash collected, number of participants, and anecdotal accounts.

B1C has a history of participating in neighborhood activities with SoundWaters. Our members volunteer at SoundWaters weekend coastal clean-ups and have benefitted from SoundWaters' Marine Debris Kayak program, which offers our families a morning on the Sound, learning to kayak and collecting marine debris as they paddle. B1C will bring all of its organizational skills, neighborhood connections and motivation to "Taking it to the Streets."

I fully support the SoundWaters application for an EPA Environmental Justice Grant and look forward to partnering with them.

Sincerely,

Donald S. Strait
Deputy Director
E: dstrait@b1c.org
Building One Community
417 Shippan Avenue
Stamford, CT 06902

EAST SIDE PARTNERSHIP

A Neighborhood with a Vision

April 6, 2023

USEPA Region 1 – New England
5 Post Office Square - Suite 100
Boston, MA 02109-3912

Partnership Letter of Commitment for Sound Waters "Taking it to the Streets"
Funding Opportunity Number: EPA-R-OEJECR-OCS-23-02

As Chairman of the East Side Partnership in Stamford, Connecticut, I am writing this letter to you to express my commitment to collaborate with Sound Waters and other community organizations in establishing a citywide neighborhood trash removal initiative, "Taking it to the Streets."

The East Side Partnership's mission is to create an exceptional quality of life for the people who work and live in the east side of Stamford, Connecticut. Our goal is to create a clean, safe and green environment.

In partnering with Sound Waters, the East Side Partnership will contribute to the project as follows:

- Member leadership involvement and expertise to the project to develop, design and engage with other community organizations to mobilize our combined efforts to understand and take action in our neighborhoods to prevent trash from being washed into Long Island Sound with rainwater.

- East Side Partnership members schedule, recruit and manage several neighborhood clean-up events that will mobilize our neighbors to engage in environmental advocacy and understand the threat that upland trash presents to our coastal Long Island Sound waters.

- East Side members will manage reporting data that may include amounts of trash collected, demographics of participants and neighborhoods, along with anecdotal accounts.

The East Side Partnership is an active community nonprofit in Stamford. We consistently incorporate hands-on activities that pursue positive quality of life outcomes on our streets and for our neighbors. Our activities align with those of Sound Waters, as we both engage in removing trash, environmental advocacy and environmental community events. It would be an exciting undertaking to join with Sound Waters and other community organizations to promote trash-free streets and a community of environmental stewards for Stamford. The East Side Partnership will bring all its organizational skills and neighborhood connections to "Taking it to the Streets."

I fully support the Sound Waters application for an EPA Environmental Justice Grant and look forward to partnering with them.

Sincerely,

James Grunberger
East Side Partnership
Ex. 6 - Personal Privacy (PP)

Clif McFeely
Founder
Amanda Dubois-Mwake
Executive Director
Board of Directors
Rick Swift
Chairman
Lindsay Valk
Vice Chairman
John Bonora
Treasurer
Christopher D. Wright
Secretary
Polly Perkins Johnson
Founding Partner
Nancy Fink Benjamin
Fritz G. Chery
Judith Corprew
Jeffrey Growney
Jessica Lee
Marvin Louis
Frank Lyon
Sue Rich
Andrei Saunders
Jenny Sigua
Luke Zulauf

Advisory Board
Thomas Agosto II
Wendy Carey
Terrence Cheng
Kim DePra
Rachel Dewey
Debbie Eagan
Daniella Exantus
Richard Freedman
Quynh Goodhouse
James Grunberger
Lise Leist
William Lewis
Steve Mark
Maddie Massari
Nancy Roath
Rob Roberto
Jed Selkowitz
Caroline Simmons
Deirdre Smith
David Squier
Tom Teles
John Welch
Jon Whitcomb

April 7, 2023

USEPA Region 1 – New England
5 Post Office Square - Suite 100
Boston, MA 02109-3912

Partnership Letter of Commitment for SoundWaters "Taking it to the Streets"
Funding Opportunity Number: EPA-R-OEJECR-OCS-23-02

As Deputy Director of Future 5 in Stamford, Connecticut, I am writing this letter to you to express our commitment to collaborate with SoundWaters in establishing a citywide neighborhood trash removal initiative, "Taking it to the Streets." Future 5 helps motivated, under-resourced high school students in Stamford connect to their full potential, leading to independence and productive citizenship. Our goal is to connect our students to the people, resources, and experiences essential to making the transition to post-secondary education and careers. Partnering with SoundWaters, Future 5 staff and students will develop and organize efforts in collaboration with neighborhoods and other organizations to remove trash from our streets before it has the chance to wash into Long Island Sound with storm water. We will record data from our efforts, including amounts of trash collected, number participants, and anecdotal accounts.

Future 5 students have a history of participating in SoundWaters coastal clean-ups and we recognize the need now to move our clean-up efforts inland, to our streets and closer to the primary source of the trash. Our objectives in taking these actions are to improve the quality of life in our neighborhoods and to educate and engage our community directly in the protection of our local environment. Taking it to the Streets will motivate our students and give them agency to use their actions and voices to improve our community. Taking it to the Streets will be an excellent fit for Future 5 staff and our students, and we will bring all of our organization skills and neighborhood connections to the project.

I fully support the SoundWaters application for an EPA Environmental Justice Grant and look forward to partnering with them.

Sincerely,

Chris Jackson
Deputy Director

WATERSIDE COALITION

April 6, 2023

USEPA Region 1 – New England
5 Post Office Square - Suite 100
Boston, MA 02109-3912
Partnership Letter of Commitment for SoundWaters "Taking it to the Streets"
Funding Opportunity Number: EPA-R-OEJECR-OCS-23-0

As City Representative for the Waterside District, and Chair for the Waterside Coalition in Stamford, Connecticut, I am writing this letter to you to express my commitment to collaborate with SoundWaters and other community organizations in establishing a citywide neighborhood trash removal initiative, "Taking it to the Streets."

The Waterside Coalition is an active community nonprofit in Stamford. We are a grass roots umbrella organization that includes representatives from neighborhood associations, concerned residents, as well as business and community leaders who meet regularly to identify community issues and mutual concerns and work together to improve Waterside.

In partnering with SoundWaters, the Waterside Coalition will contribute to the project as follows:

- Member leadership involvement and expertise to the project to develop, design and engage with other community organizations to mobilize our combined efforts to understand and take action in our neighborhoods to prevent trash from being washed into Long Island Sound with rain water;
- Waterside Coalition members schedule, recruit and manage several neighborhood cleanup events that will mobilize our neighbors to engage in environmental advocacy and understand the threat that upland trash presents to our coastal Long Island Sound waters; and
- Waterside Coalition members will manage reporting data that may include amounts of trash collected, demographics of participants and neighborhoods, along with anecdotal accounts.

We have been working with SoundWaters for more than a decade on community projects such as the revitalization of Stamford's Boccuzzi Park, diversity and environmental festivals, along with coastal cleanup events at Stamford Harbor. "Taking it to the Streets" would provide our Coalition members another compelling project that will help to unite our neighbors in ways to improve the area's quality of life and grow our cadre of committed environmental advocates for the west side.

As City Representative for the Waterside District and Chair of the Waterside Coalition, let me convey our community's complete support for SoundWaters and their application for an EPA Environmental Justice Grant and I look forward to partnering with them.

Sincerely,

Virgil de la Cruz

Virgil de la Cruz vdelacruz@stamfordct.gov
City of Stamford Representative, District 2, Waterside
Westside Coalition, Chair

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Suenos Basketball

Address: 2 Linden Street

City: Lawrence

State: MA: Massachusetts Zip Code: 01841

B. Unique Entity Identifier (UEI): N16VENDNA8R9

C. Applicant/Recipient Point of Contact

Name: Joselyn Marte

Phone: Ex. 6 Personal Privacy (PP)

Email: Ex. 6 - Personal Privacy (PP)

Title: Grants Manager

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

None

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

N/A

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

N/A

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Stephanie Estrada	Grants Manager	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Joselyn | Middle Name:
Last Name: Marte | Suffix:
Title: Grants Manager
Complete Address:
Street1: 2 Linden Street
Street2:
City: Lawrence | State: MA: Massachusetts
Zip / Postal Code: 01841 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: Ex. 6 Personal Privacy (PP)

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Jose | Middle Name:
Last Name: Dilone | Suffix:
Title: Executive Director
Complete Address:
Street1: 2 Linden Street
Street2:
City: Lawrence | State: MA: Massachusetts
Zip / Postal Code: 01841 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: Ex. 6 - Personal Privacy (PP)

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Jacqueline | Middle Name:
Last Name: Marte | Suffix:
Title: Administrative Assistant
Complete Address:
Street1: 2 Linden Street
Street2:
City: Lawrence | State: MA: Massachusetts
Zip / Postal Code: Ex. 6 Personal Privacy (PP) | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: Ex. 6 Personal Privacy (PP)

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: | First Name: | Middle Name:

Last Name: | Suffix:

Title:

Complete Address:

Street1:

Street2:

City: | State:

Zip / Postal Code: | Country:

Phone Number: | **Fax Number:**

E-mail Address:

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Suenos Basketball

* b. Employer/Taxpayer Identification Number (EIN/TIN): 47-4540840

* c. UEI: N16VENDNA8R9

d. Address:

* Street1: 2 Linden Street
Street2:
* City: Lawrence
County/Parish: Essex
* State: MA: Massachusetts
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: Ex. 6 Personal Privacy (PP)

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Joselyn
Middle Name:
* Last Name: Marte
Suffix:

Title: Grants Manager

Organizational Affiliation: Suenos Basketball

* Telephone Number: Ex. 6 - Personal Privacy (PP)
Fax Number:

* Email: **Ex. 6 - Personal Privacy (PP)**

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

1236-Map of Lawrence, MA.jfif | Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Lawrence CLEAR Initiative: Community Learning about Environmental Action and Resources

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: MA-003 * b. Program/Project: MA-003

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 07/01/2023 * b. End Date: 06/30/2025

18. Estimated Funding ($):

* a. Federal	150,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	150,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☒ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☐ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name: Joselyn

Middle Name:

* Last Name: Marte

Suffix:

* Title: Grants Manager

* Telephone Number: Ex. 6 Personal Privacy (PP) Fax Number:

* Email: Ex. 6 - Personal Privacy (PP)

* Signature of Authorized Representative: Stephanie Estrada * Date Signed: 04/14/2023

76iSRJT1VrRHPRzasPHHZ1lSNbw=

Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Sue

1234-Time For Change support letter for Suenos Basketball 2023 04 14.pdf
application/pdf
AwWdz0vgBj7A9z/l1iqDKTH2UbE=

1235-EPA Suenos Letter - The Dream Network.pdf
application/pdf
84lCr71WQAv9n470j1JTveM7YSM=

Suenos Basketball
Ex. 6 Personal Privacy (PP)
Lawrence
MA: Massachusetts
01841

N16VENDNA8R9
Joselyn Marte
Ex. 6 Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
Grants Manager
N: No
None
None
None
N: No
Y: Yes
Y: Yes
Y: Yes

Y: Yes
Y: Yes
Y: Yes
N/A
N/A
Stephanie Estrada
Grants Manager
2023-04-14

Application
New
2023-04-14
Suenos Basketball
47-4540840
N16VENDNA8R9
Ex. 6 Personal Privacy (PP)
Lawrence
Essex
MA: Massachusetts
01841-1011
USA: UNITED STATES

Joselyn
Marte

Grants Manager
Suenos Basketball
EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
1236-Map of Lawrence, MA.jfif
image/jpeg
qIznLLzHM06O5KH+doy58J1ZsaU=

Lawrence CLEAR Initiative: Community Learning about Environmental Action and Resources

MA-003
MA-003
2023-07-01
2025-06-30
150000.00
0.00
0.00
0.00
0.00
0.00
150000.00
b. Program is subject to E.O. 12372 but has not been selected by the State for review.

N: No
Y: Yes
Joselyn
Marte

Grants Manager
EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
Stephanie Estrada
2023-04-14

1.0
75000.00
75000.00

75000.00
75000.00

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150000.00

30375.00
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6750.00
19500.00
13500.00
34500.00
135000.00
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150000.00

75000.00

75000.00

150000.00

Each organization will have one staff member dedicate a portion of their time to this project for a total amount of $67,500 for the two fiscal years.

Joselyn
Marte

Grants Manager
Ex. 6 Personal Privacy (PP)
Lawrence
MA: Massachusetts
01841
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)

Jose
Dilone

Executive Director
Ex. 6 Personal Privacy (PP)
Lawrence
MA: Massachusetts
01841
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)

Jacqueline
Marte

Administrative Assistant
Ex. 6 Personal Privacy (PP)
Lawrence
MA: Massachusetts
01841
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)

1237-Project CLEAR.pdf
application/pdf
VfZKw6GTWzSsNAkoFiTpuogdHyU=

76iSRJT1VrRHPRzasPHHZ1lSNbw=
2023-04-14T15:50:52.000-04:00
Stephanie Estrada
GRANT13861567

TIEMPO DE CAMBIOS
TIME FOR CHANGE

Ex. 6 Personal Privacy (PP)
P.O Box 1923
Lawrence, MA 01842
www.tfcministry.org

April 14, 2023

To Whom It May Concern,

I am the founder and President of Time For Change Ministry, Inc. Time for Change Ministry Inc. is an organization that supports individuals and their families in the pursuit of lifelong recovery from addiction. We understand addiction to be a disease that impacts those who experience it personally, their families, and their communities. We also understand that recovery happens with support and care. Through three weekly support groups we engage individuals struggling with addiction and their family members in the Greater Lawrence community, with respect for all and with a focus on our faith in God, regardless of race, national origin, religion, disability, age, sexual orientation, or gender identity.

We are part of a network of activist organizations focused on systemic change in the Greater Lawrence Area. Sueños Basketball has been a driving force for positive change with our at-risk youth in our community. We are excited to partner with Sueños Basketball on the EPA grant to address Environmental Justice in our community.

Sincerely Yours,

Ana Javier

Ana Javier
President and Founder
Time For Change Ministry, Inc.
Ana@tfcministry.org

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Woonasquatucket River Watershed Council

Address: Ex. 6 Personal Privacy (PP)

City: Providence

State: RI: Rhode Island Zip Code: 02909-1082

B. Unique Entity Identifier (UEI): S1DDHS4KYA59

C. Applicant/Recipient Point of Contact

Name: Alicia J. Lehrer

Phone: Ex. 6 Personal Privacy (PP)

Email: alehrer@wrwc.org

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☒ Yes ☐ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

N/A

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

N/A

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

N/A

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95) ☒ Yes ☐ No

a. Do the methods of notice accommodate those with impaired vision or hearing? ☒ Yes ☐ No

b. Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications? ☒ Yes ☐ No

c. Does the notice identify a designated civil rights coordinator? ☒ Yes ☐ No

VIII. Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a)) ☒ Yes ☐ No

IX. Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974)) ☒ Yes ☐ No

X. If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.

Liza Baptista, Finance and Human Resources Director, WRWC, Ex. 6 Personal Privacy (PP) Providence, RI 02909-1082,ebaptista@wrwc.org, Ex. 6 Personal Privacy (PP) (phone).

XI. If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.

Yes. Please email ebaptista@wrwc.org for a copy of the procedures.

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Alicia J Lehrer	Executive Director	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Ms. First Name: Alicia Middle Name: J.
Last Name: Lehrer Suffix:

Title: Executive Director

Complete Address:

Street1: 45 Eagle Street, Suite 202
Street2:
City: Providence State: RI: Rhode Island
Zip / Postal Code: 02909-1082 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: alehrer@wrwc.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: Ms. First Name: Liza Middle Name:
Last Name: Baptista Suffix:

Title: Finance and Human Resources Director

Complete Address:

Street1: 45 Eagle Street, Suite 202
Street2:
City: Providence State: RI: Rhode Island
Zip / Postal Code: 02909-1082 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: ebaptista@wrwc.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: Ms. First Name: Liza Middle Name:
Last Name: Baptista Suffix:

Title: Finance and Human Resources Director

Complete Address:

Street1: 45 Eagle Street, Suite 202
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City: Providence State: RI: Rhode Island
Zip / Postal Code: 02909-1082 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: ebaptista@wrwc.org

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: Ms. First Name: Alicia Middle Name: J.

Last Name: Lehrer Suffix:

Title: Executive Director

Complete Address:

Street1: 45 Eagle Street, Suite 202

Street2:

City: Providence State: RI: Rhode Island

Zip / Postal Code: 02909-1082 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: alehrer@wrwc.org

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Woonasquatucket River Watershed Council

* b. Employer/Taxpayer Identification Number (EIN/TIN): 05-0519694

* c. UEI: S1DDHS4KYA59

d. Address:

* Street1: Ex. 6 Personal Privacy (PP)

Street2:

* City: Providence

County/Parish:

* State: RI: Rhode Island

Province:

* Country: USA: UNITED STATES

* Zip / Postal Code: 02909-1082

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Ms.

* First Name: Alicia

Middle Name: J.

* Last Name: Lehrer

Suffix:

Title: Executive Director

Organizational Affiliation: Woonasquatucket River Watershed Council

* Telephone Number: Ex. 6 - Personal Privacy (PP)

Fax Number:

* Email: alehrer@wrwc.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Frontline Communities First! Residents Build Climate Resilience in Providence, RI

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: 2 | * b. Program/Project: 2

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 10/01/2023 | * b. End Date: 09/30/2026

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	500,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Ms. | * First Name: Alicia

Middle Name: J.

* Last Name: Lehrer

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 Personal Privacy (PP) | Fax Number:

* Email: alehrer@wrwc.org

* Signature of Authorized Representative: Alicia J Lehrer | * Date Signed: 04/14/2023

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Frontline Communities First! Residents Build Climate Resilience in Providence, RI

1234-FCF Descriptive Budget.pdf
application/pdf
uMgzc4SfKDXlY0zzvvytDMs4zok=

1235-Partner Letters of Committment.pdf
application/pdf
XlhxFRXANdvBhXTW9804PnvcmBo=

1236-WRWC EPA CPS_Final_Logic_Model.pdf
application/pdf
QbYwAeNQd1Cuxz7/PDMLlRQUN5o=

1237-Key Project Personnel Resumes.pdf
application/pdf
z4Y9gp78RHEGmB1seYa5625WbCA=

1238-501(c)(3) Letter May 2006.pdf
application/pdf
4KTNJXUUnzcYfr9ObYYZ186GdAI=

Application
New
2023-04-14
Woonasquatucket River Watershed Council
05-0519694
S1DDHS4KYA59
45 Eagle Street, Suite 202
Providence

RI: Rhode Island
02909-1082
USA: UNITED STATES

Ms.
Alicia
J.
Lehrer

Executive Director
Woonasquatucket River Watershed Council
EX. 6 - Personal Privacy (PP)
alehrer@wrwc.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Frontline Communities First! Residents Build Climate Resilience in Providence, RI
2
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2023-10-01
2026-09-30
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c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Ms.
Alicia
J.
Lehrer

Executive Director
EX. 6 - Personal Privacy (PP)
alehrer@wrwc.org
Alicia J Lehrer
2023-04-14

1239-WRWC_FCF!_EJCPS_2023_Work_Plan.pdf
application/pdf
f1Xa8t93A1CTa7X5VEAp3pwSd8k=

Ms.
Alicia

J.
Lehrer

Executive Director
45 Eagle Street, Suite 202
Providence
RI: Rhode Island
02909-1082
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
alehrer@wrwc.org

Ms.
Liza
Baptista

Finance and Human Resources Director
45 Eagle Street, Suite 202
Providence
RI: Rhode Island
02909-1082
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
ebaptista@wrwc.org

Ms.
Liza
Baptista

Finance and Human Resources Director
45 Eagle Street, Suite 202
Providence
RI: Rhode Island
02909-1082
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
ebaptista@wrwc.org

Ms.
Alicia
J.
Lehrer

Executive Director
45 Eagle Street, Suite 202
Providence
RI: Rhode Island
02909-1082
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
alehrer@wrwc.org

Woonasquatucket River Watershed Council
45 Eagle Street, Suite 202
Providence
RI: Rhode Island
02909-1082

S1DDHS4KYA59
Alicia J. Lehrer
EX. 6 - Personal Privacy (PP)
alehrer@wrwc.org
Executive Director
Y: Yes
N/A
N/A
N/A
N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Liza Baptista, Finance and Human Resources Director, WRWC, 45 Eagle Street, Suite 202, Providence, RI 02909-1082,ebaptista@wrwc.org, EX. 6 - Personal Privacy (PP) (phone).
Yes. Please email ebaptista@wrwc.org for a copy of the procedures.
Alicia J Lehrer
Executive Director
2023-04-14

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Alicia J Lehrer
GRANT13862080

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: MAY 04 2006

Employer Identification Number:
05-0519694
DLN:
17053091889086
Contact Person:
MARY M SHEER ID# 31255
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)
Public Charity Status:
170(b)(1)(A)(vi)

WOONASQUATUCKET RIVER WATERSHED
COUNCIL
27 SIMS AVE
PROVIDENCE, RI 02909-0000

Dear Applicant:

Our letter dated December 2001, stated you would be exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code, and you would be treated as a public charity, rather than as a private foundation, during an advance ruling period.

Based on the information you submitted, you are classified as a public charity under the Code section listed in the heading of this letter. Since your exempt status was not under consideration, you continue to be classified as an organization exempt from Federal income tax under section 501(c)(3) of the Code.

Publication 557, Tax-Exempt Status for Your Organization, provides detailed information about your rights and responsibilities as an exempt organization. You may request a copy by calling the toll-free number for forms, Ex. 6 - Personal Privacy (PP) Information is also available on our Internet Web Site at www.irs.gov.

If you have general questions about exempt organizations, please call our toll-free number shown in the heading.

Please keep this letter in your permanent records.

Sincerely yours,

Lois G. Lerner
Director, Exempt Organizations
Rulings and Agreements

Letter 1050 (DO/CG)

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Amy Halsted

Address: 565 Congress St Ste 200

City: Portland

State: ME: Maine Zip Code: 04101

B. Unique Entity Identifier (UEI): PL4UYNH9C223

C. Applicant/Recipient Point of Contact

Name: Rachel Ackoff

Phone: Ex. 6 - Personal Privacy (PP)

Email: rachel@mainepeoplesalliance.org

Title: Campaign's Director

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

None

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

N/A

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

N/A

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Allison Riddle	Administrative Director	04/11/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

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EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Amy | Middle Name:
Last Name: Halsted | Suffix:
Title: Co-Director
Complete Address:
Street1: 565 Congress St
Street2: Suite 200
City: Portland | State: ME: Maine
Zip / Postal Code: 04101 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: amy@mainepeoplesalliance.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Amy | Middle Name:
Last Name: Halsted | Suffix:
Title: Executive Director
Complete Address:
Street1: 565 Congress St
Street2: Suite 200
City: Portland | State: ME: Maine
Zip / Postal Code: 04101 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: amy@mainepeoplesalliance.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Allison | Middle Name:
Last Name: Riddle | Suffix:
Title: Administrative Director
Complete Address:
Street1: 565 Congress St
Street2: Suite 200
City: Portland | State: ME: Maine
Zip / Postal Code: 04101 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: mpa@mainepeoplesalliance.org

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** | **First Name:** Rachel | **Middle Name:**

Last Name: Ackoff | **Suffix:**

Title: Campaigns Director

Complete Address:

Street1: 565 Congress St

Street2: Suite 200

City: Portland | **State:** ME: Maine

Zip / Postal Code: 04101 | **Country:** USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**

E-mail Address: rachel@mainepeoplesalliance.org

EPA Form 5700-54 (Rev 4-02)

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)
Pawtucket, RI 02860

Ex. 6 - Personal Privacy (PP) (W)
Ex. 6 - Personal Privacy (PP) (C)
ALehrer@wrwc.org

EXPERIENCE

Executive Director — March 2008 to Present

Woonasquatucket River Watershed Council — Providence, RI

The Woonasquatucket River Watershed Council (WRWC) officially incorporated in 2001 when the Woonasquatucket was designated one of only 14 American Heritage Rivers in the United States because of its historic role as the power behind much of RI's Industrial Revolution. WRWC Creates positive environmental, social and economic change by revitalizing the Woonasquatucket River, its Greenway and its communities. WRWC is also an official RI River Council and has review authority on all projects within watershed communities.

The WRWC Executive Director:

- Oversees and often plays a major role in all Council programs and projects.
- Hires and supervises employees and volunteers.
- Works with board of directors to develop strategic and annual business plans and monitor and develop organizational direction.
- Oversees all WRWC programs and projects.
- Oversees all fundraising and grant management.
- Reports on all programs and projects to board of directors, community partners, funders.
- Represents WRWC to the public, the press, online, and in all other ways.

District Manager — July 1998 to March 2008

Southern RI Conservation District (SRICD) — Warwick and Wakefield, RI

SRICD is a quasi-state governmental organization that works with landowners and land users throughout Rhode Island to protect soil and water resources. SRICD's activities include: storm water planning, management and implementation; educational programs targeted at teachers, students and the general public; and habitat restoration. SRICD collaborates closely with DEM, NRCS, the communities of RI and many other state, local and national agencies and organizations to design and implement projects to protect natural resources.

The SRICD District Manager:

- Oversaw and often plays a major role in all district programs and projects.
- Hired and supervises employees and volunteers.
- Works with board of directors to develop strategic and annual business plans and monitor and develop organizational direction.
- Organized annual meeting and open house.
- Managed organizational finances, produces cash flow reports and financial reports.
- Wrote annual reports, project reports, newsletters, event publications, and marketing materials.
- Spearheaded fundraising and grant management. Since 1998, successfully wrote, managed and completed more than 25 federal, state, municipal and private grants ranging from $5,000 to $130,000.

Alicia's Major Accomplishments during Tenure as District Manager:

- Developed present status of SRICD as RI's Storm Water Service Center.
- More than doubled organizational size, budget and capacity.
- Developed strong working partnerships with staff in many RI communities including Narragansett, North Kingstown and Warwick.
- Created and operated GIS open space mapping program for Farm, Forest and Open Space applicants.

Coordinator, Volunteer Environmental Monitoring Network (VEMN) November 1994 to July 1998

Merrimack River Watershed Council — Lawrence, MA

The VEMN includes over 30 groups and more than 1,000 volunteers monitoring hundreds of sites on rivers and lakes throughout the 5010 square mile Merrimack River Watershed of Massachusetts and New Hampshire.

- Lead a steering committee comprised of federal, state and local agencies, non-profit organizations, and educators.
- Designed and established volunteer network to monitor, share data, and technical information about the Merrimack River Watershed.
- Co-authored 10 publications to provide guidance to volunteer monitors (list available upon request).
- Worked with more than 10 volunteer groups to train them and help them start and design their own monitoring programs involving the following:
  - community organizing
  - writing grant proposals
  - writing quality assurance project plans
  - holding training for in-stream water quality monitoring, habitat assessment, streamside benthic macroinvertebrate assessment, data management, data interpretation and action planning
- Organized and presented two watershed-wide volunteer monitoring conferences and lead sessions at many others.

Graduate Research Assistant — July 1990 to December 1993

University of Rhode Island, Dept. of Natural Resources Science — Kingston, RI

URI Cooperative Extension Watershed Watch/Citizen Volunteer Monitoring Program -- July 1990 to August 1992

- Set up laboratory and trained volunteers to monitor for fecal coliform and *E. coli* in lakes and rivers.
- Wrote parts of the 1990 and 1991 annual Watershed Watch report and fact sheet on bacterial monitoring.
- Analyzed water samples for pH and alkalinity, phosphorus, nitrate-nitrogen, sodium, chloride, calcium, magnesium, fecal coliform, *E. coli* and chlorophyll samples for chlorophyll A.

EDUCATION

Master of Science — December 1993

University of Rhode Island — Kingston, RI
Department of Natural Resources Science
Area of Specialization: Water Quality

Bachelor of Arts — May 1988

Barnard College, Columbia University — New York, NY
Environmental Science

ED_016126_00000188-00002

Ex. 6 Personal Privacy (PP)

Providence, R.I. | Ex. 6 - Personal Privacy (PP) | Ex. 6 Personal Privacy (PP)

EDUCATION

University of Rhode Island — Kingston, RI
Bachelor of Science (B.S.)

PROFESSIONAL EXPERIENCE

City of Providence — Providence, RI
Sustainability Policy Associate — **NOV 2021 - Present**

- Develop and oversee the implementation of policies of the Department of Sustainability in accordance with the City of Providence, Climate Justice Plan and the agenda related to environmental justice, climate resilience, adaptability, energy efficiency, racial and economic equity.
- Spearhead citywide projects, programs and initiatives i.e. establishing resilience hubs in frontline communities, increasing public access to the working waterfront, planning and hosting an inaugural youth climate summit, ensuring environmental standards in port lease negotiations, updating Comprehensive Plan to include objectives from the Climate Justice Plan, and developing zoning ordinances to address cumulative health impacts from industry.
- Support the development of legislative or regulatory briefings, public comments, fact sheets, support letters, and other tools to educate policymakers and the public on issues relevant to the mission of the current Administration.

Human Relations Commissioner — **MAR 2021 - Present**

- Advocate for policies that codify and protect the civil rights of Providence residents including housing, language access, education, and environmental pollution.
- Investigate and adjudicate discrimination complaints; support the work of the Anti-Racism, Language Access and Education & Outreach Committees.

Woonasquatucket River Watershed Council — Providence, RI
Board Member — **AUG 2022 - Present**

- Community & Education Committee: Improve diversity, access, and inclusion (to youth/adult programs and job training) organization-wide.

Director, Community Programs — **MAR 2021 - FEB 2022**

- Build urban community leadership and partnership with organization initiatives including climate resilience, recreation, fundraising and Greenway expansion.
- Facilitate relationship-building across all watershed community residents, businesses, government and non-government partners.
- Research, plan, develop and implement organization's community programs (i.e. community engagement, education, recreation, internships).

A Study Group, LLC. — San Francisco, CA
Lead, Prospecting & Finance Team | Member, Co-founders Planning & Development Working Group — **JUL 2020 - AUG 2021**

- Identify and select potential funders; organize, execute and manage prospect research and tracking.
- Research and curate culturally relevant content for Black and Latine demographics.
- Liaise between members of underrepresented racial, cultural and socioeconomic backgrounds.
- Arrange timeline for research deliverables (5-8 virtual meetings/ weekly) and organize meetings, facilitate discussions and build rapport with 15+ group members.
- Provide insights for designing a measurable user experience and metrics of customer satisfaction.

Animal Internal Medicine & Specialty Services (AIMSS) — Millbrae, CA
Surgical Veterinary Assistant — **AUG 2019 - MAR 2020**

Balboa Pet Hospital — San Francisco, CA
Veterinary Assistant — **AUG 2018 - AUG 2019**

Wildlife Learning Center — Sylmar, CA
Wildlife Biologist — **AUG 2017 - AUG 2018**

- Provide meaningful and educational engagement for guests i.e. site tours, wildlife interaction opportunities.
- Prepare on/off-site educational presentations and Q+A sessions for public and private guest experiences.
- Organize annual fundraiser through outreach and communication with potential donors to secure fiscal year funding.Coordinate calendar invites and scheduled presentations and guided tours (100+/ weekly).

Whispering Pines Conference Center — West Greenwich, RI
Environmental Educator — **SEP 2015 - AUG 2017**

- Guide educational tours (4-8/ daily) of preserved on-site hiking trails; engage with 5+ guests per tour.
- Manage all forms of company social media platforms; Twitter, Facebook, Instagram.
- Increase accessibility; showcase diverse populations in digital posts to reach demographics.
- Update blog and create digital content promoting diversity, inclusion and team building.
- Administrative duties, coordinating events, scheduling corporate groups and guest services.

HONORS | AWARDS

Rhode Island School of Design (RISD) — **FEB 2023**
Social Practice: New Directions in Community-Engaged Art and Design
Panelist. A discussion on methods and pedagogies of social practice across disciplines. Organized by Intercultural Student Engagement and Center for Complexity.

Lincoln Institute of Land Policy — **JUL 2022**
Building Trust and Taking Action: Local Climate Justice Initiatives in Legacy Cities
Speaker. A presentation on the City of Providence's Climate Justice Plan, the link between planning and public health, and how municipal actors can promote climate justice through stronger community engagement to ensure that local governments respond directly to the needs of diverse communities. Co-sponsored by the Future of Small Cities Institute, this webinar was the final installment in the Greening America's Small Cities series.

Pulitzer Center — **DEC 2021**
Two Sides of the Climate Coin: Sea-Level Rise and Extreme Weather
Panelist. A conversation featuring perspectives on the topics of coastal communities, sea-level rise, extreme-rain events and the interacting crises compounding flood risks and presenting challenges for infrastructure, environmental justice, public safety, and local economies. Co-sponsored by the Metcalf Institute.

University of Rhode Island — Kingston, RI
Coastal and Environmental Research Fellowship — **MAY 2016 - MAY 2017**
There's No Place Like Home: An Exploration Into the Habitat Management of the Eastern Towhee
Habitat loss has led to a decline in the population of many Eastern Towhees (Pipilo erythrophthalmus), a migratory, early-successional forest bird that breeds through the northeastern United States. With funding already being provided to aid conservation efforts for the American Woodcock (Scolopax minor), an opportunity exists for other early-successional forest birds to benefit.

RELATED SKILLS | QUALIFICATIONS

• Bilingual (English | Spanish) • Education | Outreach • Planning & Development • Grant Writing & Reporting
• Project/ Program Management • Translation • Financial Analysis & Budget Management • Procurement Experience

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Maine People's Resource Center Clean Energy Career Program

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18183.00

Amy Halsted
565 Congress St Ste 200
Portland
ME: Maine
04101

PL4UYNH9C223
Rachel Ackoff
EX. 6 - Personal Privacy (PP)
rachel@mainepeoplesalliance.org
Campaign's Director
N: No
None
None
None
N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
N/A
N/A
Allison Riddle
Administrative Director

2023-04-11

Application
New
2023-04-11
Amy Halsted
222586109
PL4UYNH9C223
565 Congress St
Suite 200
Portland
Cumberland
ME: Maine
04101-3315
USA: UNITED STATES

Rachel
Ackoff

Campaigns Director
EX. 6 - Personal Privacy (PP)
Rachel@mainepeoplesalliance.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Frontline-led Clean Energy Career Program for BIPOC Job Seekers
ME-001
ME-002
2023-11-01
2025-10-31
499978.00
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499978.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Allison
Riddle

Administrative Director
EX. 6 - Personal Privacy (PP)
allison@mainepeoplesalliance.org
Allison Riddle
2023-04-11

1234-2023-4-11 MPRC proposal EJCPS.pdf
application/pdf
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Amy
Halsted

Co-Director
565 Congress St
Suite 200
Portland
ME: Maine
04101
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
amy@mainepeoplesalliance.org

Amy
Halsted

Executive Director
565 Congress St
Suite 200
Portland
ME: Maine
04101
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
amy@mainepeoplesalliance.org

Allison
Riddle

Administrative Director
565 Congress St
Suite 200
Portland
ME: Maine
04101
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
mpa@mainepeoplesalliance.org

Rachel
Ackoff

Campaigns Director
565 Congress St
Suite 200
Portland

ME: Maine
04101
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
rachel@mainepeoplesalliance.org

1235-Environmental Results Logic Model.pdf
application/pdf
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1236-EJCPS_Letters Of Support_combined.pdf
application/pdf
kzIo+6g5JEzgGR2vUlzrBq1P3i4=

1237-EJCPS_Resumes_combined.pdf
application/pdf
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1238-MPRC 501c3 letter.pdf
application/pdf
gCfol1SuWBg/K8clsaHoO+lfc1o=

1239-MPRC EJCPS budget final.pdf
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tdKT/wLQeTrB7eUiybTkeBqa/5k=
2023-04-11T17:01:10.000-04:00
Allison Riddle
GRANT13857731

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/11/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Amy Halsted

* b. Employer/Taxpayer Identification Number (EIN/TIN): 222586109

* c. UEI: PL4UYNH9C223

d. Address:

* Street1: 565 Congress St
Street2: Suite 200
* City: Portland
County/Parish: Cumberland
* State: ME: Maine
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 04101-3315

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Rachel
Middle Name:
* Last Name: Ackoff
Suffix:

Title: Campaigns Director

Organizational Affiliation:

* Telephone Number: Ex. 6 - Personal Privacy (PP)
Fax Number:

* Email: Rachel@mainepeoplesalliance.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Frontline-led Clean Energy Career Program for BIPOC Job Seekers

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: ME-001 * b. Program/Project: ME-002

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 * b. End Date: 10/31/2025

18. Estimated Funding ($):

* a. Federal	499,978.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	499,978.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name: Allison

Middle Name:

* Last Name: Riddle

Suffix:

* Title: Administrative Director

* Telephone Number: Ex. 6 Personal Privacy (PP) Fax Number:

* Email: allison@mainepeoplesalliance.org

* Signature of Authorized Representative: Allison Riddle * Date Signed: 04/11/2023

Ex. 6 Personal Privacy (PP)

Portland, Maine
Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

SUMMARY

15 years as a skilled campaigner working successfully with coalitions covering a wide range of issues including climate change, workers' rights, and racial justice. Proven track record of concrete improvements in people's lives.

AREAS OF EXPERTISE

Coalition Building • Campaign Strategy • Community Organizing • Civic Engagement • Leadership Development • Team Building • Training • Event Planning

PROFESSIONAL HISTORY

Maine People's Resource Center, Portland, Maine 2018-present
Campaign Director

- Work with senior management team to develop long-term strategic plans for MPRC
- Design and manage MPRC's campaigns, including setting the overall strategy, goals, targets, timelines and creating project plans
- Develop and track project budgets with senior management team
- Coordinate and prioritize work across departments within MPRC, and across organizations in collaborative projects, ensuring that deliverables are met
- Convene several coalitions that MPRC anchors including the Maine Frontline Climate Formation and represent MPRC at several other coalitions
- Create cohesion and vision between departments on campaign priorities
- Build and leverage strong, strategic relationships within Maine and nationally
- Spearhead continuous learning and evaluation of our work
- Report on MPRC activities to funders and stakeholders

Bend the Arc: A Jewish Partnership for Justice, New York, NY 2015-2018
Deputy Field Director 2016

- Responsible for leading an effective, aligned, and collaborative field team for a national progressive organization.
- Ran ground game for national electoral campaign to defeat Trump and his hateful agenda.
- Developed national grassroots organizing and advocacy strategy in consultation with senior leadership.
- Supervised and mentored organizing staff.
- Built relationships of trust with diverse coalition partners.
- Collaborated effectively with communications, development, and advocacy teams.
- Initiated cross-departmental national campaign selection process.

Senior Organizer 2015

- Managed an intergenerational team of volunteers to build the New York Chapter of Bend the Arc.
- Built activist base by leveraging Voter Activation Network (NGP VAN).
- Orchestrated grassroots advocacy efforts to pressure NY State senators to support $15 minimum wage.
- Designed an organizing and advocacy-training curriculum and trained our staff as trainers of the curriculum.

American Jewish World Service (AJWS), New York, NY 2014-2015
Senior Organizer

- Managed a team of volunteers to build the base of AJWS supporters in metro NYC.
- Spearheaded the creation of an organizing and advocacy training curriculum and trained hundreds of organizers.
- Oversaw remote field staff, providing mentorship and support.
- Ran a fellowship for top Jewish opinion leaders.

- Secured support of 3 of 4 target Members of Congress for the International Violence Against Women Act.
- Successfully persuaded the Obama Administration to appoint the first-ever Special Envoy for Global LGBT Rights.
- Integrated Jewish texts and ritual into our campaign to inspire action.

Sierra Club, Washington, DC 2009-2011
Associate Washington Representative, Labor and Trade Program

- Represented the nation's oldest, largest, and most influential grassroots environmental organization to Capitol Hill on global economy issues.
- Designed legislative advocacy strategy and built relationships with congressional offices.
- Coordinated team of long-time volunteer leaders to implement national field strategy.
- Represented the Sierra Club to national coalitions.
- Campaigned for the successful passage of a landmark piece of legislation creating a new international standard for transparency in the oil, mining, and gas industries.
- Managed national speaker tour for Sierra Club and Steelworkers members in timber trade towns.
- Implemented earned media strategy to place op-eds and letters to the editor in target news outlets.

U.S. Student Association, Washington, DC 2007-2009
Electoral Project Director

- Oversaw a $500K budget for a national electoral program targeting primarily working class students, students of color, and LGBT students on 54 campuses in 10 states.
- Created and implemented a national field plan.
- Hired and supervised four full-time field staff.
- Registered over 110,000 student voters and established over 220,000 direct GOTV contacts.
- Represented the organization to national student vote coalitions.

Sierra Student Coalition, National 2001-2007
Volunteer leader

- Served as a national leader of the student-arm of the Sierra Club throughout high school and college.
- Chaired the board for many years, hired staff, and project managed campaign teams.

EDUCATION

New York University, New York, NY May 2014
Master of Public Administration and Master of Arts in Jewish Studies
Lisa Goldberg Fellow with a management specialization.

Swarthmore College, Swarthmore, PA May 2007
Bachelor of Arts
Thomas McCabe Scholar with a political science major, religion and English minors.

HONORS

Wexner Fellow 2011

Selected as a Wexner Fellow based on academic achievement and potential to assume a significant leadership role in the North American Jewish community.

Harry S. Truman Scholar 2006

Named a Truman Scholar for demonstrated leadership ability and commitment to a career in public service.

Morris K. Udall Scholar 2005

Named a Udall Scholar excellence in national environmental policy and demonstrated commitment to pursuing a career related to the environment.

Brower Youth Award Recipient 2003

Awarded the nation's most prestigious recognition of youth activists for their environmental work.

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)
Auburn, ME 04210
Cell: Ex. 6 - Personal Privacy (PP)
Email: Ex. 6 Personal Privacy (PP)@mainelaborclimate.org

PROFESSIONAL EXPERIENCE

2022— Executive Director, Maine Labor Climate Council

- Oversee a $380,000 budget and small staff team
- Led strategic planning process to identify and build buy-in around shared priorities with 20 affiliated labor unions in our Council
- Educate union members about the climate crisis and and support them taking action in strategic campaigns

2017-2022 Visiting Assistant Professor of Environmental Studies, Bates College

- Co-founded the Bates Educators and Staff Organization's wall-to-wall union organizing committee
- Designed and taught undergraduate classes
- Received and managed over $30,000 in grant funding to support research
- Published more than 20 peer-reviewed papers and delivered more than 30 conference presentations
- Managed or oversaw 15 student researchers

2016-2017 Postdoctoral Research Associate, Purdue University

- Conducted quantitative and qualitative empirical social science research
- Extensive experience conducting field surveys, interviews, and focus groups

2014-2016 Teaching Assistant, University of Wisconsin-Madison

2012-2014 Research Assistant, Sea Grant Institute, University of Wisconsin-Madison

2010-2012 Research Assistant, Agroecology Program, University of Wisconsin-Madison

EDUCATION

2016 Ph.D. Environment & Resources, University of Wisconsin-Madison

2012 M.S. Agroecology, University of Wisconsin-Madison

2009 B.A. English; Peace & Conflict Studies (double major), Messiah College (PA)

HONORS & AWARDS

2019 Donald Harward Faculty Award for Service-Learning Excellence, Maine Campus Compact

2019 Faculty Award for Outstanding Community-Engaged Work, Harward Center for Community Partnerships, Bates College

GRANT ACTIVITY

2019	Bates College Faculty Development Fund, "Auburn Landowner Perspectives on Housing, Working Landscapes, and the Future of the Ag Zone."	$5,356
2019	Bates College Dean of the Faculty's Undergraduate Summer Research Apprenticeship, which funded Hermione Zhou's contributions to the project, "Auburn Landowner Perspectives on Housing, Working Landscapes, and the Future of the Ag Zone."	$3,520
2019	Bates College Office of Equity and Diversity, "Social Justice and Inclusion Mini-grant." Campus event featuring Yemi Amu's public lecture, *Urban agriculture, aquaponics, and the future of urban food.*	$500
2018	Bates College Dean of the Faculty's Sherman-Fairchild Summer Research Grant, "The Role of Attitudes, Social Norms, and Perceived Behavioral Control as Factors Influencing Urban and Suburban Residential Adoption of Stormwater Best Management Practices"	$5,571
2015	International Association of Society and Natural Resources Travel Grant	$250

SELECTED PUBLICATIONS

Ex. 6 Personal Privacy (PP) (2020). Perceptions of the uncertainty of climate change in rural America: An examination of aleatoric and epistemic uncertainty and attitudes towards agricultural adaptation to climate change. *Climate Change. 162(3)* doi: 10.1007/s10584-020-02860-w

Ex. 6 Personal Privacy (PP) (2020). The Role of Attitudes, Social Norms, and Perceived Behavioral Control as Factors Influencing Urban and Suburban Residential Adoption of Stormwater Best Management Practices. *Environmental Management*. 65*(6)*. doi: 10.1007/s00267-020-01286-5

Ex. 6 Personal Privacy (PP) (2020). Spatial narratives in theory and practice for landscape conservation and public engagement. *Landscape Journal.* 38(1). doi: 10.3368/lj.38.1-2.7

Ex. 6 Personal Privacy (PP) (2019). Communication, partnerships, and the role of social science: Conservation delivery in a brave new world. *Society and Natural Resources.* doi:10.1080/08941920.2019.1695990

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) (2019). Factors influencing the adoption of agricultural best management practices on U.S. farmland: a vote-count analysis of 35 years of research. *Journal of Soil and Water Conservation*. 74:520-534. doi:10.2489/jswc.74.5.520

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) South Portland, Maine ● Ex. 6 - Personal Privacy (PP) ● Ex. 6 - Personal Privacy (PP)

Related Experience

Special Projects Coordinator- January 2023- present

Maine People's Alliance · 565 Congress St, Suite 200, Portland ME 04101

- Lead on transitioning the organization into using new technology and project management tools, including setting up a Google account, improving our performance evaluation system, implementing new project management software, working with teams to improve their data tracking and information sharing systems
- Grants management and tracking
- Event planning and management, including budget tracking

Organizing Director▪ January 2018 –December 2022

Maine People's Alliance · 565 Congress St, Suite 200, Portland ME 04101

- Supervised, coached, and supported a team of up to six organizers statewide
- Designed and implemented the organizing strategy for long-term base building and short-term campaigns.
- As a member of the management and leadership teams, helped craft and implement strategy for the organization, create and implement HR policies, provide HR and project management support
- Liaison to coalitions in state and nationally to influence strategy

Teaching Fellow▪ January 2019 – May 2019

Harvard Kennedy School, Executive Education ● Leadership, Organizing, and Action: Leading Change

- Worked with Marshall Ganz and the international teaching fellow team to provide support and coaching to students learning organizing around the globe

Campaign Manager▪ June 2017 – December 2017

Mainers for Health Care

- Oversaw all aspects of the campaign, including day to day operations, hiring staff and consultants, managing a million+ dollar budget, supervising field, communications, fundraising, and other teams.
- Coordinated a steering committee consisting of several in-state and national organizations with varying priorities and strengths.
- Won the first campaign in the nation to expand Medicaid through the ballot

Organizer ▪ March 2010 – June 2017

Maine People's Alliance · 565 Congress St, Suite 200, Portland ME 04101

- Advocated for health care reform on the federal and state level through grassroots organizing, media work, and policy analysis. Led the health care agenda for the organization
- Led planning, management, and logistics of the organization's major annual events, including fundraising dinners, membership retreats, and membership lobby day
- Successfully developed and maintained the organization's largest chapter of active volunteers. Developed volunteers to become leaders with responsibility to fund raise, lead lobby teams, and lead issue and tactical teams

TRAINING

Rockwood Leadership Institute
June 2018 · Art of Leadership

The Management Center
April 2018 · Managing to Change the World: 2 day Crash Course

Harvard Kennedy School, Executive Education
February - May 2018 · Leadership, Organizing and Action: Leading Change

Midwest Academy
August 2010· Organizers for Social Change

FORMAL EDUCATION

University of New England
May 2010 · Masters of Social Work

University of New Hampshire
May 2004 · Bachelors of Psychology

VOLUNTEER ROLES

South Portland Human Rights Commission
2022-present

AWARDS

Families, USA
January 2018 · Health Advocate of the Year

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Pronouns he/him | Ex. 6 - Personal Privacy (PP) Ex. 6 Personal Privacy (PP)

SUMMARY

Community leader committed to advancing social and environmental justice. Experienced educator with proven skills in teaching, partnership building, and creative curriculum development. Trained historian with wide-ranging expertise and a determination to use lessons of the past to inform today's decisions and future generations.

EDUCATION

Brown University - Doctorate in History, 2015
Brown University - Master of Arts, History, 2009
Colby College - Bachelor of Arts, *magna cum laude,* 2008

ACADEMIC AND TEACHING EXPERIENCE

Associate Director of Community-Engaged Learning and Research, Bates College **2015-Present**

- Collaborates with Bates faculty and community partners on approximately 30 course-based community-engaged learning opportunities and 20 student research theses annually
- Builds and sustains partnerships with a wide range of nonprofits, governmental agencies, and grassroots organizations working in areas including immigrant integration, public health, prison reentry, and environmental justice.
- Co-creates and facilitates faculty development workshops that support community-engaged learning
- Orients students to Lewiston history through in-class presentations and discussions, walking tours, and field trips
- Represents the Harward Center for Community Partnerships at numerous community stakeholder meetings
- Co-facilitates the annual Community-Engaged Research Fellows program, a bi-weekly seminar that provides a learning community and support for thesis students as they undertake research with local partners
- Supervises ten Community Outreach Fellows and Harward Center Communications Intern
- Lead organizer for numerous panels and events. Past events included 2022 Martin Luther King Day Panel, "Decolonization of Africa: Perspectives from the African Diaspora," and a daylong 2015 symposium, "Chaos or Community: Conservations on Justice Reform in Maine."

Lecturer in Humanities, Bates College **2019-Present**

- Teaches the first-year seminar, "Lewiston: A Local Lens on Global Issues," which invites students to explore topics including indigenous sovereignty, poverty, immigration, and environmental justice by engaging with Lewiston and its history. The course has been offered each fall semester since 2019.
- Serves as academic advisor to 15 first-year seminar students until they select a major in their sophomore year

Visiting Lecturer, Brown University Department of History **Spring, 2014**

- Designed and taught, "Plague, War, Famine, and Death: Crisis in the Late Middle Ages"

Summer at Brown Pre-college Program Instructor **2013–2015**

- Co-instructor for "A People's History of War" and "Evil: The History of an Idea." My co-instructor Wanda Henry and I designed and taught these intensive pre-college courses for high school students. In 2015, we won Brown's prestigious Archambault Award for Teaching Excellence in the summer program.

Teaching Assistant, Brown University Department of History **2009-2014**

- Led discussion sections, provided feedback on papers, and offered occasional lectures for courses on topics ranging from the History of Brazil to the Early Middle Ages

Research Assistant to Professor Linford Fisher, Brown University Department of History **2011-2013**

- Assisted professor Ex. 6 Personal Privacy (PP) on his study of Native American slavery in colonial New England, contributing to publication of "Dangerous Designes: The 1676 Barbados Act to Prohibit New England Slave Importation," *William and Mary Quarterly* 71 (2014), 99-124.

COMMUNITY LEADERSHIP & ORGANIZING

Androscoggin Literacy Volunteers Board of Directors **Member, 2016-2019**

The LVA offers free one-on-one tutoring and other educational services to help adults and families in Androscoggin County acquire the basic reading, writing, math and life skills to enhance their lives.

- Recruited instructors and other volunteers for Workplace Literacy program for immigrants
- Led modernization of LVA logo and co-developed Lagers for Literacy Fundraiser with Baxter Brewing

Auburn Conservation Commission **Member, 2018-Present; Chair, 2020-Present**

The Auburn Conservation Commission is an appointed committee in the City of Auburn that promotes responsible stewardship of the environment through research, advocacy, and education.

- As Chair, creates agendas, facilitates meetings, presents annual report and advisory opinions to the City Council
- Organizes public outreach events and initiatives, including workshops on managing invasive species, nature walks, annual Earth Day Community Clean-ups, and tours of waste management facilities and new solar developments
- Led collaborative process to submit a federal grant to NOAA to remove the defunct Littlefield Dam to restore fish passage on the Little Androscoggin River; funding decision expected in January, 2023.

Bates Educators and Staff Organization (BESO) Organizing Committee **October 2021-present**

Worked with colleagues in departments across campus to lead a major campaign to unionize Bates staff members and contingent faculty as a single bargaining unit. We are awaiting the results of our January 2022 election.

- Numerous one-on-one conversations with workers from a wide variety of backgrounds; built significant skills talking about the importance of union representation for pay, benefits, and working conditions
- Worked with the BESO organizing committee and MSEA organizers to identify campus leaders and engage potential supporters among students and the wider Lewiston and alumni communities
- Firsthand experience navigating personal and political complexities of a union drive

Maine Community Integration (MCI) Board of Directors **January, 2016-present**

This refugee-led organization supports the integration of immigrants into the Lewiston community through education, enrichment and civic engagement programming, with a special focus on empowering women and girls.

- Initiated ongoing partnerships between MCI and Agassiz Youth Camp in Poland, Maine and Valo, in Yarmouth, to help immigrant-youth gain access to water safety education and other nature-based learning opportunities.

Maine Humanities Council Veteran Book Group Facilitator & Curriculum Designer **2019-2020**

This program helped veterans process their experiences of conflict and connect with peers by reading and discussing historical and literary texts ranging from the diary of a Napoleonic foot soldier to the *Illiad*.

- Served as a facilitator for two six-week sessions; the program has been on hiatus since 2020 due to COVID
- Created reading list and discussion guide for female-identifying veterans in the Maine State Prison, and served on advisory board for this program.

Stanton Bird Club Board of Directors **August, 2016-2020**

As stewards of the 372-acre Thorncrag Nature Sanctuary in Lewiston, the Stanton Bird Club promotes conservation, nature education, and recreation in our community.

- As organizer for the monthly public lecture series, I identified and coordinated speakers for public lectures and annual meetings on topics ranging from native plants and pollinator health to the vascular systems of trees.

Valo Board of Directors, Secretary **2018-present**

Valo offers free weekend retreats and in-school workshops that promote social and emotional health and connection among Maine teens through conversation, hands-on learning, and time in nature.

- Created partnership with Valo, Whiting Farm in Auburn, and MCI, to coordinate programs that offer low-income youth from Lewiston opportunities to learn skills for growing their own food

LANGUAGES

- Fluent in spoken and written French; extensive experience translating written French to English

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Skills / Activities:

- **Community organizing**
- Public relations
- Fluent in English, **French**, **Somali** and **Arabic** languages and possess a vast knowledge of each one of these language cultures

Education/ Certificates

- In addition to 2 weeklong trainings of intensive political education, I have attended more than 15 short trainings in different leadership skills
- GED, 2013, Lewiston, Maine, USA.
- Center National d'Enseignement a Distance (CNED, Toulouse 2001-2003 Certain College)
- DALF (Advanced Certificate of French Language, 2001)
- Management and public administration course by the **Institute of Administrative Development** in Doha, January 2010, 30-hours.
- Strategic Management conducted by the **Institute of Administrative Development** in Doha, from January 5 to June 8, 2009.

Work and Volunteer Experiences

- **Maine People's Alliance / Maine People's Resource Center – August 2016 - Present**

Community Organizer

I work organize people around a common vision to solve issues that matter for communities of color and limited income, such as climate and racial justice, income inequality, worker rights etc.

- **Maine Immigrant and Refugee Services – March 2016 to August 2016**

Family and Youth Coordinator

I was responsible of programs related to immigrant families and youth support. I made sure to respond the daily crises families face and provide assistance and guidance to the best of my ability. I was in charge of the juvenile justice program and worked closely with local juvenile court to find solutions for youth re-integration programs. This also included working with organizations on restorative justice. I participated in conferences in the state of Maine around restorative justice and played an important role bridging between parents and experts.

- **United Somali Women of Maine April 2014 - March 2016**

Education and Prevention Coordinator

I ran the education programs of the organization to educate the immigrant community male population around Domestic Violence and Sexual Assault crimes. I previously also occupied the position of Program Coordinator to monitor grant goals and achievement of the agency programs.

- **Trinity Jubilee Center in Lewiston Maine August 2012 – April 2014.**

Interpreter / on duty staff/ Social worker

I provided services as an interpreter and administrative assistance at the Trinity Jubilee Center in Lewiston. I did translation of documents and assisted in filling out job applications for those who don't speak English. I also assisted immigrant communities through the process of every type of administrative or paperwork procedures they are going through.

- **Embassy of Djibouti in Qatar, January 2009 - Feb 2012**

Consular Affairs Assistant

Head of the Consular Department, responsible for issuance of birth certifications, passports and visa. I also organized daily meetings with staff to discuss about the daily assignments. I was responsible of daily briefing of the ambassador on the daily activities.

- **Embassy of Djibouti in Qatar, April 2007 - Feb. 2009**

P.R.O & Cultural Affairs Officer; my duty also included ensuring the quality of correspondences and memos before being mailed or released. Head of the public relations, responsible of organizing press interview for the ambassador. Head of Cultural Affairs at the Djibouti Embassy in Qatar.

- **Titan, Doha and the FCC, Doha Aug 2003-Sept 2006**

Arabic-English Translation

I worked as a linguist at the US Military Base in Qatar, translated documents from Arabic to English and occasionally from French to English under a fast paced and demanding work environment. This also included translations on official and non-official documents dealing with all sort of topics.

I also worked as freelancer for the **French Cultural Center in Doha/Qatar** from English to French and French to English for French groups who in several occasions played shows at the Qatar National Theatre.

1. PROGRAM OBJECTIVES

a. Project Summary –

Project Title: Frontline Communities First! Resident Leaders Build Climate Resilience in Providence, Rhode Island (FCF!)

Project Location: Olneyville neighborhood of Providence, Rhode Island, 02909

Applicant Information: Woonasquatucket River Watershed Council (WRWC), 45 Eagle Street, Suite 202, Providence, RI 02909, Ex. 6 Personal Privacy (PP) alehrer@wrwc.org, nuevasvoces@wrwc.org

Brief Description of Applicant Organization: The Woonasquatucket River Watershed Council (WRWC) creates positive environmental, social, and economic change by revitalizing the Woonasquatucket River, its Greenway and its communities. WRWC incorporated in 2001 when the Woonasquatucket was designated one of only 14 American Heritage Rivers in the United States. WRWC works toward safe and clean waters, environmental justice, and climate resilience throughout our watershed:

- We invest in resident and youth leadership.
- We install, maintain, and activate urban parkland, a greenway and nature-based stormwater systems.
- We restore and monitor urban river waters and habitats.
- We provide environmental education and community engagement at all levels.

Are you applying for the Small CBO Set Aside Track for $150,000 projects? No

Project Abstract: FCF! expands capacity across Olneyville and Central Providence for resident leaders and partners to:

- Prepare for climate challenges this neighborhood already faces - Olneyville is disproportionately impacted by climate change related flooding from both excessive stormwater and sea level rise, poor water and habitat quality, urban heat island, and other current and legacy challenges.
- Engage, educate, and organize their neighbors in building and advocating for environmental justice and resilience where they live – WRWC and our partners believe resident leadership in our organizations, communities, municipal governance, and interconnected sectors is critical to lasting impact.

Towards these ends, this project focuses on

1. Creation of an **Olneyville Resilience Hub** with co-leads Providence Emergency Management Agency (PEMA) and City of Providence Department of Sustainability (SustainPVD), local partners including grassroots groups.
2. Creation of an **online data and storytelling hub** we call **"VECINA"** (Neighbor) with Bates College and the Mathematics and Data Justice Collaborative (MDJC), comprised of academic researchers, innovation labs and web-developers.

Resident leaders catalyzed these initiatives toward greater power sharing, decision making and problem solving. The "Providence Climate Justice Plan" and "Central Providence Roadmap" inform this approach. Headway on both hubs to "launch ready" status was completed prior to this request. Actions feature hiring a new shared staff person to oversee the resilience hubs, convening community/partner oversight bodies, "train-the-trainer" sessions in preparation for "VECINA" launch, other steps and activities detailed below. These community-driven EJ interventions/promotions work together with existing leadership and technical training programs to accelerate resilience and adaptation to climate change.

Project Type(s): Emergency Preparedness and Disaster Resiliency, Equitable Development, Stormwater Issues and Green Infrastructure.

Special Considerations: This project qualifies for **Climate Change/Disaster Resiliency**

Environmental Issue: Water

List of Project Partners: WRWC will convene partners and coordinate this collaborative project with our lead and committed partners: PEMA (govt.), SustainPVD (govt.), Bates College (academia), MDJC (academia), ONE Neighborhood Builders (ONE NB) (Community Development Corporation), Olneyville Neighborhood Association (ONA) (grassroots non-profit), the Providence Racial and Environmental Justice Committee (REJC) (grassroots non-profit). Letters of Commitment are included as attachments with this application.

Numerous additional partners are supporting and already engaged, or aware of and planning to participate in aspects of this project, including but not limited to: Joslin Recreation Center (community center

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run by Providence Recreation Department), Institute for Computational and Experimental Research in Mathematics at Brown University (ICERM) (academia), Institute for Mathematical and Statistical Innovation at The University of Chicago (IMSI) (academia), Groundwork RI (workforce development non-profit organization), WaterFire Arts Center (arts non-profit), Developing and Engaging Latinos in America (DELIA) (non-profit), and Greater Providence Hispanic Chamber of Commerce (Business). Letters of support from these partners can be provided upon request.

Will you need to develop a QAPP for your project? No

b. Environmental and Public Health Information of the Underserved Community –

Our target communities, disproportionate environmental and/or public health harms and risks, and how our we are impacted by those harms and risks: Central Providence (CP) is a constellation of nine racially and socioeconomically diverse neighborhoods in the heart of Providence, Rhode Island (RI). Olneyville is the economic center, the core of the of historically/geographically significant Woonasquatucket River Valley, and the primary focus of this project along with nearby Manton. Located near polluting industries and highways, and subject to severe storms and flooding, Olneyville and Manton are hardest hit with EJ and climate related disproportionate impact. Portions of Olneyville lie in the flood plain of the Woonasquatucket River. Olneyville Square, where 7 streets and major thoroughfares meet, is the industrial, commercial, and transportation hub of Providence's west side, walkable to downtown. Densely developed with numerous minority-owned restaurants and businesses, office and studio spaces, and a host of community organizations addressing the needs of the local population and beyond, flooding has dire impacts on community life.

Three parks connected by the Woonasquatucket River Greenway form the only pervious relief from crowded streets and vast swaths of mills sprawling atop giant paved lots. Paving, congestion, and proximity to hazards also have dire impacts on community health. The REJC, instrumental in the creation of the City of Providence's "CLIMATE JUSTICE PLAN Creating an equitable, low-carbon, and climate resilient future" in 2019, further identifies Olneyville as one of two highest priority frontline Providence neighborhoods due to location in a high use traffic corridor and acute flooding. All Central Providence neighborhoods grapple with the crises of ecology, economy, and civil rights. As stated in the "Central Providence Roadmap 2023-2032," "In Central Providence, community-level conditions rooted in structural racism — such as poverty, inequitable access to quality education and jobs, out-of-reach or unsafe housing, and others — impede many individuals and families from living healthy, economically stable lives. This is evidenced by disparities in health and economic outcomes for Central Providence residents compared to Providence and RI as a whole."

Environmental health problems affecting urban communities in RI, particularly low-income people of color, are well-documented. Health indicators, ranging from asthma to lead poisoning to low life expectancy, show significant race and income-based disparities that reflect the differing environmental conditions. In the target neighborhoods in and around Olneyville, over 60% of the population identifies as black or latine - 84% in Olneyville proper. From ONE NB data, we know 82% of homes in Olneyville are renter-occupied, and almost 60% of households are without a vehicle. Olneyville has also, for many years, attracted artists and developers with no ties to resident communities or cultures. This population has mainly been white and higher income, driving displacement and concerns among residents about gentrification.

The neighborhoods of Central Providence tell a story of both immigration and segregation. Six of the nine communities show a higher proportion of Hispanic/Latine residents than the City of Providence overall. In Olneyville and Manton, primary target communities built upon lands important to Narragansett, Wampanoag, Pokanoket, and Nipmuc Peoples, are the homes of predominantly Indigenous, African, Black, Latine, and White communities, many members of which are refugees and immigrants, people who speak languages other than English, and LGBTQIA+ individuals. Residents living in Olneyville and Central Providence neighborhoods – environmental justice communities also designated as the Central Providence Opportunities – Health Equity Zone (CPO-HEZ) - are underserved and highly vulnerable members of the community**.** The average median household income across the 9 neighborhoods is $46,942, as compared with $53,359 for the city as a whole and $56,167 for the state; in Manton, however, where developer driven gentrification and displacement have yet to occur, the median is $29,798. Olneyville, in particular, receives more than its share of flooding. WRWC used the EPA's EJScreen tool to characterize the neighborhood. The area's overall demographic index is 90th percentile in the state and 89th percentile in the nation. For the state of RI, Olneyville is 89th for People of Color, 96th both for limited English Speaking Households and Low Life Expectancy, and the 83rd for Low Income. EJSCREEN also identifies Olneyville as the 99th percentile for Air Toxics Cancer Risk (lifetime risk per million) and Air Toxics Respiratory HI for RI and the

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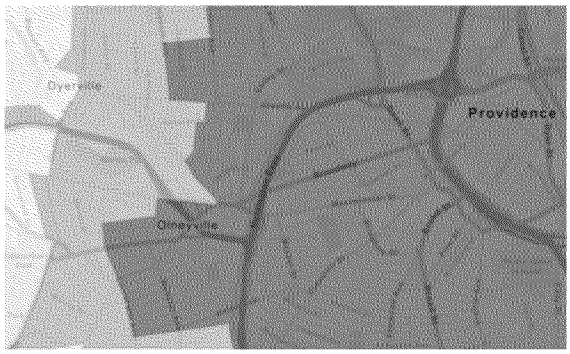
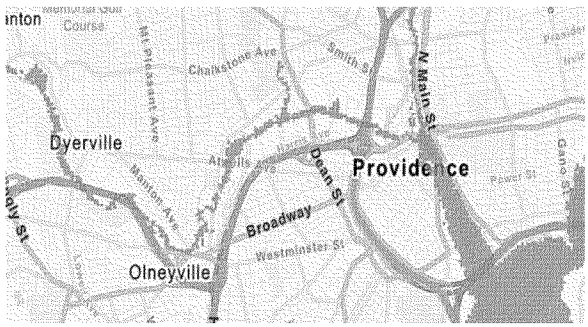
nation. Manton shares a similar profile, including as 99th percentile for Air Toxics Cancer Risk and Air Toxics Respiratory HI, with additional notable RI rankings in Superfund Proximity (91st) and Unemployment Rate (91st).

Environmental/public health issues our project seeks to address: In general, paving and congestion throughout CP neighborhoods result in well-documented negative impacts on local air, waterways, and resident health. Mixed industrial and residential use, a legacy of contamination from industries active in the past, a long history of childhood lead poisoning, and lack of employment in the wake of the mills have resulted in decades of decline, with the result, per above, that a significant number of residents live at or below federal poverty lines. As a result of these factors, in FCF! target Olneyville and Central Providence neighborhoods, in addition to socioeconomic and health disparities, the hazards and disparities related to climate change, transportation and environmental harms are experienced at high (80 to 90th percentile) and highest rates (90 to 100th percentile) in the nation and in our state. These include all but one of the EJSCREEN Environmental Justice Indexes of Pollution and Sources, almost all the Socioeconomic Indicators and Health Disparities per above, and Climate Change Data: Coastal Flood Hazard, 100 Year Flood Plain and Sea Level Rise (NOAA).



Hazardous Waste Proximity, depicted left from EJScreen, is one example, with highest rates in the nation depicted in red. **100 Year Flood Plain** along the Woonasquatucket River in Olneyville depicted in blue below, is another.

In March 2010, Rhode Island was dramatically hit by a severe storm that flooded many parts of the state; no part of Providence was damaged more greatly than Olneyville. Homes, businesses, and public parks all were damaged by standing floodwater that lasted for many days. Compounding the problem, dioxin contaminated river sediments were left behind as floodwaters retreated. As a coastal state, Rhode Island will experience an increased frequency of storm events and Nor'easters, and Providence, sitting at the head of Narragansett Bay, will not be spared. Providence's long industrial history has led to an urban landscape dominated by impervious surfaces, exacerbating **flooding and poor local river water quality**, and primary environmental and health-related impacts of climate change like **major storm events.** Without frontline voices imprinting their visions, plans, projects, ideas and initiatives into resilience and adaptation, history tells us effective urban problem solving related to these issues is unlikely to occur.



Environmental/public health results our project seeks to achieve and how our communities will benefit: WRWC has worked for over 20 years to come to the current point in the organization's history and work where we have the talent, partnerships and collective will to center resident aspirations and concerns in co-governance with municipal and state agencies, academic partners and environmental coalitions and groups to ensure those who are most impacted by EJ and climate concerns end up with the greatest say over resilience and adaptation in their neighborhoods. CP communities will benefit greatly from this project in a number of critical ways: 1) Through continuation of and building upon resident leadership programs with existing and new trainings, and knowledge sharing especially fostered through the "VECINA" site, collaborators and new audiences will gain considerable understanding of how the issues of stormwater impact local water quality, why and how the neighborhoods have become so vulnerable to flooding, and practices such as installation of green infrastructure that can help reduce these adverse impacts; 2) Through Resilience Hub development, supplies, and preparedness training, residents and community will build confidence in their ability to keep their families safe and healthy with plans in place for how to best prevent flooding and water quality impacts, and best practices and action plans to cope with them when they arise; 3) Residents will build relationships and connections with local partners and city government that ensure that their recommendations are incorporated into community investment and problem solving with regard to the resilience and adaptation issues of stormwater, flooding, preparedness and heat island; and 4) The relationships built between the residents, community and local partners through the hubs will be long-term and sustainable, based on trust, commitment, shared knowledge, resources and capacity. We know the effects of climate change and extreme weather events adversely impact the most vulnerable communities and populations disproportionately, and that the

threats in our target communities are pressing and real. No community is ready. Due to all the vulnerabilities and yet to be tapped power explored above and below, frontline communities must especially prepare.

Special Consideration for our Project Focus on Climate Change and Disaster Resiliency: The purpose of this project is to expand leadership, capacity, and shared resources among communities of color and low-income communities in Olneyville and other Central Providence neighborhoods through the creation of physical and online resilience hubs. The hubs create new opportunities for training, organizing and community action in tandem with partners and plans, but ultimately rely on direct knowledge and experience as the problem-solving foundation. For instance, the "VECINA" online data and advocacy tool is being developed through a participatory design process that engages community leaders in the design and testing of the tool, pairing the community organizing expertise of Nuevas Voces (an eight-month cohort leadership training centered around climate justice) and the data and technology expertise of the MDJC. The results we seek to achieve include:

- Residents and partners develop sufficient shared knowledge and climate literacy to take decisive actions that build resilience to extreme weather and climate change while also contributing to community health, social cohesion, and socio-economic equity.
- Through shared knowledge and capacity building, residents and partners develop and activate shared resources that are distributed and organized in such a way that the varying access, or lack thereto, to education and resources, and the various abilities and priorities of residents, partners and stakeholders can work in concert to contribute to overall well-being.

As stated so clearly by ONA in a sentiment shared across CPO HEZ, "We recognize environmental and climate harms and hazards as a critical and on-going component of marginalization that must be addressed."

This is a critical moment for justice, resilience, and adaptation concerns to be effectively addressed to improve entrenched and unacceptable disparities and outcomes in and beyond Providence's most vulnerable neighborhoods. At the nexus of new openings for frontline voices, and the onset of planning and investment decisions that will shape the future of Providence and RI communities for decades, frontline voices co-leading the following provide the best chance of bending the arc of planning/action toward equity/justice:

- Woonasquatucket Watershed-Wide Flood Resilience Project (currently underway)
- Providence's Comprehensive Plan Update (currently underway)
- Build Out of Central Providence Roadmap (currently underway)
- PEMA's collaboration with FCF! related to the Resilience Hub launch, the PVD Hazard Mitigation Plan and Community Emergency Response Team (CERT), will connect residents in this highest priority area to leadership and all-hazards emergency management.
- Working with ONE NB through their Resident Advisory Council to guide Central Providence Opportunities Initiative funds toward resilience and mitigation efforts.
- Targeting the recently formed governor's Executive Climate Change Coordinating Council (EC4) governance/advocacy body to demand inclusion of frontline leadership at proportionate representation to experience of harms and ability to bounce back from hazards, and to implement more policies that allow all City of Providence and State of Rhode Island residents, regardless of socioeconomic status, to thrive and be resilient.
- Directing Investment to EJSCREEN Frontline Communities / REJC Green Justice Zones
- Direction of RI Green Infrastructure Coalition (GIC)

The hubs are an outgrowth of and work together with recently launched WRWC and partner resident leadership and technical training programs like Nuevas Voces (NV), Campeones de Combate Climático (Campeones) and REJC's Green Justice Zone (GJZ) training on the Climate Justice Plan. To uplift and amplify climate justice and resilience from within, WRWC launched NV in 2019 and Campeones in 2022. These resident-to-resident run programs offered in community and school settings target adult and older youth populations, successfully expanding climate literacy and resilience problem solving to ensure resident leaders emerge with the required skills, motivation, and confidence to educate and inspire others. These leaders build greater connection with community resources. New connections with elected officials and local and state government staff forge pathways for frontline community knowledge and experience to drive municipal-, watershed- and state-wide planning and decision- making. Social and active learning steeped in an equity praxis, primary language delivery and multi-year engagement ensure previously marginalized residents can collectively exercise their rights to self-determination in resilience building and problem solving.

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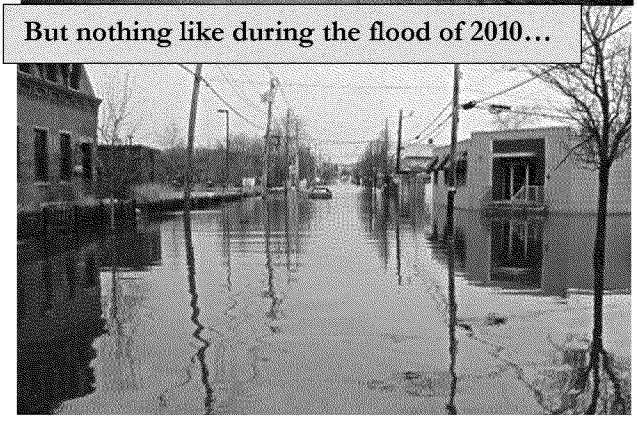
Major storms flood local streets and greenway.



But nothing like during the flood of 2010…



Prior to the launch of NV, WRWC and ONE NB conducted community surveys to determine existing knowledge related to climate and environmental justice issues. One primary questionnaire, written in both Spanish and English surveyed 87 Olneyville residents, 45% of whom identify as Hispanic or Latine living in areas that already have experienced extreme flooding incidences and higher temperatures than other neighborhoods. In response to questions that helped gauge knowledge and perceptions of climate change, more than 63% believe the climate is changing but less than 24% understood to what degree and why or how to prepare. This finding showed WRWC and our partners that education and engagement toward EJ and climate literacy had to be first steps in collaborative efforts. This observation catalyzed NV; NV leaders catalyzed the hubs.

Bolstered by existing and new programs, trainings, and leadership and organizing opportunities made possible through the hub approach, residents, partners and stakeholders can now - develop sufficient shared knowledge and capacity to take decisive actions that build resilience to extreme weather and climate change in ways that contribute to community health, social cohesion, and socio-economic equity - through shared knowledge and capacity, residents and partners can develop and activate shared resources that are distributed and organized in such a way that the varying access, or lack thereto, to education and resources, and the various abilities and priorities of residents, partners and stakeholders can work in concert to contribute to overall well-being. Because this project will engage innovative approaches to expanding green infrastructure, emergency preparedness, and other climate resilience and adaptation interventions, alongside expansions in community knowledge, power, and action, resulting in new shared resources and capacities, in addition to **impaired waters and flooding related concerns**, the project will also address the issues of **urban heat island, poor air quality, access to transportation alternatives, green jobs promotion, etc**. More greenspace activation, plants and trees are one result of shared endeavor that is already in the works before the hub has even opened its doors. Next level living wage green jobs development for graduates of numerous green jobs training programs, including those of WRWC, is the next collaboration hurdle.

c. Organization's Historical Connection to Underserved Community –

History of WRWC's involvement with Olneyville, Manton, Hartford, Valley and other CP neighborhoods: WRWC has been at work in the Olneyville neighborhood of Providence for over two decades. During that time, we restored 75 acres of parkland, built the 7-mile Woonasquatucket River Greenway (multi-use trail) to connect Olneyville to downtown Providence, reclaimed tens of acres of brownfields as parkland, restored fish passage at the first five dams on the river, co-founded the Olneyville Collaborative and engaged thousands of residents and students in education, restoration and recreation. Our superpower is building partnerships and relationships locally, regionally, statewide, and nationally.

Although our work, like many of our local partners', began in Olneyville, over time, we expanded our focus to include nearby neighborhoods with similar challenges. We expanded the Greenway, EJ organizing, K-12 education, and monitoring and stewardship engagement upriver into other impaired watershed communities like Manton and Hartford, then into Johnston and North Providence, RI, recently watershed wide through pilot watershed outreach and flood mitigation planning. In ONE NB's case, expansion of the Olneyville HEZ launched in 2015 to the CPO HEZ in 2018, achieved this shift. Over the last decade, many FCF! partners have been collaborating to address broader disproportionate impact through such efforts as the CPO HEZ Road Map, the Valley Visioning Group, RI Green Infrastructure Coalition, REJC Climate Justice Planning WRWC's work with the Tri-County HEZ serving Johnson, North Providence and Smithfield and others. WRWC has been at the forefront or active participants in all of these, prioritizing resident delegation, for instance on the Road Map Pillar 3 – Building Power and Capacity workgroup, which also seeded this application. WRWC has led

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stormwater education and nature-based clean water and climate adaptation projects, in addition to co-building public park spaces and multi-use trails, that engage local communities and artists for nearly two decades. These projects exemplify the type of solutions supported through the resilience hubs, now with expanded resident leadership in tandem with NV, Campeones, GJZ training and other partner efforts.

How WRWC has worked with Olneyville/CP residents and organizations to address local environmental and public health issues currently or in the past and what are some of the results: WRWC has been working in Olneyville for 25 years. We helped form the Olneyville Collaborative (OC), attending about one hundred resident meetings in libraries, churches, and community centers through that process. For our earliest work, we hung around outdoors and anywhere where residents gathered and just listened to the issues that residents faced as they expressed them in daily life arising from being new to the United States, finding adequate housing, or keeping families safe and fed. When we had built up community trust, we held focus groups to find out more about the issues we could address to improve quality of life in ways best aligned with our environmental mission. Three topics came out on top:

1) Safe places for kids and families to play. At that time, one neighborhood park, Donigian Park, was called "Needle Park." Residents stayed away from activity centered around prostitution and drugs. Another large park, Merino Park, was closed by the City Parks Department and all access was blocked off for a number of years. The area next to the river was comprised of a mill complex that burned down twice, leaving a pile of rubble next to a dead-end street; the area was so high in drugs and crime, it received 80% of all police calls for the service area, even though it comprised only 6% of physical space. The largest park in Providence, Rogers Williams Park, was almost inaccessible by public transit. Residents told us that it took them 1 hour and two busses just to get to there. So, there was a real need for local, accessible parks.

2) Safe alternative transit. In the early 1990s and well into the 2000s, at least 40% of Olneyville residents had no access to a motor vehicle. Their only transit options were public transit, walking and biking. Olneyville Square, the village center for the community with shops and eateries had, and still has, difficult traffic patterns that make bikers and walkers feel unsafe. Children living in Hartford, adjacent to Olneyville, went to the Olneyville elementary school William D'Abate, and had to cross a busy state highway to get to school because the pedestrian bridge across the highway collapsed.

3) Flooding. Residents, businesses, faith and community centers have consistently recounted their ordeals with flooding as long as we have been in existence. Door of the Refuge Church, a site of nature- based stormwater solution, joins in our efforts because of on-going flooding related problems in their building. As discussed above, this topic has become much more important recently due to major floods. As we learn more working with additional partners such as Brown University, currently organizing a Providence task force to develop plans for long term flooding and predicted sea level rise, we have come to understand that these will become gigantic issues in downtown Providence, Olneyville and Manton within the next 35 years.

We listen to Olneyville, so we worked with residents to address the issues:

1) Together, we created safe places for kids and families to play. Every project we undertook, we did as a community building project. To reclaim Donigian Park, we worked with residents to clear brush along the Woonasquatucket River, catalyzed a friends group, raised playground funds, brought in local artists to work with kids on mosaics and fence decorations, hosted movies in the park, and built a canoe launch. We convinced the parks department to reopen Merino Park and worked with hundreds of neighbors to clean and beautify it. The brownfield pile of rubble that was once Riverside Mills became a brownfield showcase community. It is now the site of the 12-acre Riverside Park and the trailhead of the Greenway. We worked with ONE Neighborhood Builders (then Olneyville Housing Corporation) to design the area, so it was safe for police and rescue to serve new affordable housing with ample new green space. Riverside Park is a success story that people from around the nation visit to see how community collaboration can transform a neighborhood.

2) We raised our voices to ensure safe alternative transportation. WRWC advocated for the Woonasquatucket River Greenway (Greenway) to begin in Olneyville to address the transportation needs of residents. Originally, the Greenway was going to begin in a more rural part of the watershed. The 5-mile off-road multi-use trail opened in 2007. From the start, we created safe on-road routes from Olneyville to downtown Providence so residents could get to jobs and the central public transit hub at Kennedy Plaza. The Greenway is now 7 miles, with several new spurs and separated multi-use trails.

3) We invest in nature-based stormwater systems to educate, infiltrate, beautify and reduce flow. Since the major 500-year flood of 2010, WRWC has been working with residents, businesses and property owners to identify opportunities to infiltrate and treat stormwater in place and reduce flooding impacts. While we know we must work upriver too, reducing the 90% impervious cover in CP neighborhoods is critical to local health. Our K-12 STEM, EJ

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and leadership programs engage over 600 CP students annually, and another 400+ upriver teaching them about the effects of stormwater on flooding and water quality and nature-based stormwater systems as an available solution. Once students learn about these topics, they enthusiastically plant rain and pollinator gardens, pick up trash, create outdoor art to teach others how to keep river waters cleaner. WRWC is currently working with Olneyville business owners through our Greening the Greenway initiative (see below) to site green infrastructure on their property to capture, clean and reduce stormwater flows.

Efforts in the community that address the disproportionate issues described above: Recent efforts to address disproportionate climate impacts such as severe storms and flooding, intensively focua on resident leadership. Leading up to hub development, recent WRWC programs support resident-led resilience planning, design, implementation, and leadership in organizing and engaging their neighbors: 1) WRWC's innovative Nuevas Voces/New Voices program, now in its third year, intensively engages frontline residents on environmental justice, climate and public health issues that affect their communities, and amplifies their leadership and advocacy on these issues by connecting them to changemakers, and helping them gain roles on decision-making boards, commissions, and groups. 2) Campeones de Combate Climático (Climate Action Champions) is a new frontline leadership initiative that trains NV graduates to design and build out nature-based watershed resilience projects that: 1) Protect their neighborhoods from climate change related flooding from excessive stormwater and sea level rise; 2) Reduce extreme heat; 3) Improve water and habitat quality; and 4) Improve neighborhood look and feel. By the end of 2022, as two cohorts of NV leaders and advocates gained greater access to power, many stepped up to the next level to work through WRWC's "Greening the Greenway" (GTG) program to participate in nature-based stormwater systems/GI projects over 2023-2025. Technical training for effective project siting and design is provided in partnership with Groundwork RI. Once trained, resident leader teams will begin developing projects working directly with consultants and engineers, and through new pathways like the Resilience Hub.

To lift the "green ceiling," these programs compensate resident leaders for participation and expand access to jobs and careers:

- Former participants are now WRWC staff members leading the NV program, helping to run and teach Campeones, others sit on our board, and are compensated through WRWC to also sit on municipal and state agency commissions, committees, and boards post-graduation.
- More than half of NV graduates have gained new employment and/or board/commission seats out of participation, for example on the City's Human Rights Commission and on staff leading ONA.
- NV Año Dos Program filled beyond capacity within 48 hours of open enrollment.
- NV Año Tres began in April 2023 over-enrolled at 24 participants.
- Bilingual/Spanish language outreach, recruitment and program delivery quickly highlighted how critical this capacity is; all our work can now be promoted/delivered equally as well in Spanish as in English.
- Critical perspectives/ideas of NV and Campeones leaders spawned new partnerships/initiatives including the hubs featured in this application.

Community Driven Participation: How underserved community residents and organizations were involved in developing our project plan and are part of the decision-making process: Resident knowledge, vision and leadership have been drivers of the hub approach since the beginning of our planning process. Members of many of the groups and organizations listed above met in various configurations to develop this project plan. Resident leaders and or/staff persons from the neighborhoods were present in every meeting, including with city agencies. In the partner section below, we describe roles and contributions that will assure this project's success. Resident teams oversee both hubs and resident leadership is prolific on the steering and evaluation teams. The preparatory work of the community and academic partners primarily focused on the VECINA launch is described in full in the Letter of Commitment from Bates College, and in the sections below. Olneyville Resilience Hub planning commenced with a brainstorming session among resident leader teams working at WRWC and at ONA to 1) examine existing capacity, programs and plans related to climate justice and resilience already creating impact on "Buen Vivir,"[1] 2) to identify unmet needs across the gamut of environmental, climate, health and barriers to opportunity, and 3) to share ideas that have been percolating out of both organizations' overlapping EJ initiatives and partnerships that could bundle our successes to better meet unmet needs and expand shared capacity and empowerment impact. Challenges currently experienced by family members, neighbors, faith and social circles of the resident leaders were brought to the table; positive and empowering

[1] "Buen Vivir" translates as rights - health, education, freedom, participation, and principles - dignity, gender equity, and social justice, towards - "the good life" - true well-being.

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resilience building experiences among the same also contributed to the final plan. The resilience hub idea emerged over the past few years of NV and PEMA collaboration. New growth at ONA indicates need for additional space. New SustainPVD staff with strong ties to WRWC/NV and ONE NB have connected with a national network of sustainable city directors pursuing resilience hubs as power sharing and co-governance spaces that accelerate the ability of people and their communities to anticipate, accommodate and positively adapt to or thrive amidst changing climate conditions and hazard events.

Along with WRWC, many of the FCF! partners are robustly catalyzing resident leadership in their work in staff positions, on boards, advisory councils, etc. ONA and REJC are 100% BIPOC resident founded, run, staffed, and led organizations. WRWC works hard to continuously earn and keep long and trusted connections with the mostly BIPOC residents we serve and the organizations of all sizes and configurations that are our partners. Resident leaders work as and with staff to keep creating paid next level opportunities for expanding numbers of their neighbors and joining partner staff and boards on our recommendation. WRWC is known for our dedication to the neighborhoods, through reopening parks, Greenway extension and improvement, installation of powerful and aesthetically pleasing gardens and public art – all of which make a visible positive impact on health and quality of life – and for our innovation in reparative and restorative EJ through compensated resident-led urban GI and positions of power and voice across our organization. We know there is more to do. With the FCF! project we are decisively and collaboratively acting.

d. EJCPS Model – This project will undertake **EJCPS Elements 4, 5, 6,** and **7**.

Element 1 - Issue Identification, Community Vision, and Strategic Goal Setting and Element 3 - Consensus Building and Dispute Resolution were undertaken through City of Providence Climate Justice Plan co-developed with REJC; and through ONE NB-led CPO-HEZ Road Map 2023-2032 development that deliberately addressed power divides to engage resident advisors so they could more effectively lead alongside multi-sector organizational partners. Element 2 - Community Capacity-Building and Leadership Development is the foundation of this project, exemplified by the wildly successful launches of WRWC's NV program in 2019. **Element 4 - Multi-Stakeholder Partnerships and Leveraging of Resources** and **Element 5 - Constructive Engagement by Relevant Stakeholders** are in progress and embodied in our workplan. A common vision, goals, and objectives for this project among the partners has already been created (leaving wiggle room for additional resident leader cohorts and partners to revisit and contribute to final plans, goals, and objectives once full funding is secured.) Non-community stakeholders from government, academia, business and arts sectors are invested as partners at all levels and committed to project success over all three grant years. Sources of pending and secured funds are already allocated to aspects of the project from various partners, including from WRWC. SustainPVD allocated privately sourced funds for a new position at WRWC to be hired by WRWC in 2024 to oversee successful hub launches, operations, and sustainability. **Element 6 - Sound Management and Implementation** is built into the project design and workplan, also detailed in the activities/milestone chart and logic model, along with **Element 7 - Evaluation, Lessons Learned, and Replication of Best Practices** – a strategic goal with short- and long-term implications as the partnership rolls out the hubs, documents every step of the process, and replicates existing and new best practices emergent from previously completed and current Element undertakings. In brief:

- Multi-stakeholder partnership and leveraging capacity is the backbone of our project, already in place;
- An overall project Steering Committee, a Community Resilience Committee overseeing the Resilience Hub, and a community-run VECINA workgroup will add to the existing efforts of the NV/Campeones steering team to track progress and outcomes in accordance with dedicated plans, adjust and improve each component along the way as needed, and keep best practices up to date to ensure long term partnership and project success; and
- Formative and summative evaluation will be designed and conducted under the leadership of a dedicated FCF! Evaluation Team comprised of multi-stakeholder resident/organization leads, an REJC designee(s) acting as equity consultant, a Lead Evaluator TBD, hired through the connections of academic and EJ partners, additional analytical and design posts as needed from among the stakeholder community.

These oversight committees, collaboratively run, act together to ensure focused decisive action toward mutually agreed upon, measurable targets and goals without over burdening any one team or partner; and they bolster self-determination, social connection, and long-term success, essential to the resilience hub model. Finally, transferring results was a very successful aspect of the NV launch through our previously funded EJCPS project, and it remains an on-going endeavor in our EJ capacity-building efforts. Over each reporting period for this project, we will share opportunities to: 1) Present on methods, successes and lessons learned, 2) Participate in funder and partner learning

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networks, 3) Submit updates in newsletters, and 4) Respond to requests from outside our communities/region for information and work products related to the program, such as curriculum plans, modules, and models for resident leadership structure and compensation. We allocated funds in our budget to present the results of this project at one national conference. This will enable replication of our best practices, methods, and success.

e. Project Linkages –

This project supports **EPA Strategic Plan Goal 2, Objective 2.1 - Promote Environmental Justice and Civil Rights at the Federal, Tribal, State, and Local Levels** particularly as related to EPA's long-term Climate and Environmental Justice Objectives 1 and 2. In relation to Objective 1.2, our project takes place in, capacitates and empowers **"communities that are underserved and disproportionally at risk from climate change, to take action to anticipate, prepare for, adapt to, or recover from the impacts of climate change"** through the creation of resilience hubs that are specifically designed by residents, partners and stakeholders around this shared alignment. Related to Objective 2.2, our collaborative activities, and the shared resources we are developing for broad community deployment and use, seek to **"reduce disparities in environmental and public health conditions,"** in our case primarily but not exclusively by addressing flooding, poor river water quality, heat island and major storm events.

These issues also connect our project to the **qualified environmental issue identified in our Project Summary - Water**. The workplan centers on stormwater, flooding, resiliency and adaptation. Our project provides new shared community anchors to vulnerable residents and their community partners supported by multi-sector stakeholders. It empowers community leaders and new audiences to take decisive action toward long-term planning, mitigation, preparation, and emergency response.

f. Partner and Collaborate – Table 1. FCF! Partners can be found on pages 14-16 of this work plan.

Our project's lead partners and stakeholders, listed in **a. Project Summary** and **Table 1.**, represent Government, Academia, Community Development, Environmental Justice, and Grass Roots sectors. We are proud of the way that academic and government stakeholders come into this collaboration already recognizing resident voices as the leading voices in setting priorities and strategic direction. In the "Other Narrative Attachments" form, we submitted letters of commitment from six partners representing diverse stakeholder groups. Numerous additional partners, also represent the Workforce, Business and Arts sectors. For this project, we will have at least two subgrantees. We will develop MOUs with each and determine billing and reporting times and methods in compliance with applicable EPA requirements.

2. PROJECT ACTIVITIES / MILESTONE SCHEDULE / DETAILED BUDGET NARRATIVE:

a. Project Activities: This project builds on the success of several programs that provide cohorts of student and resident leaders from among the populations most impacted with the critical understanding and skills they need to make informed decisions, engage others and participate in and/or lead resilience efforts. WRWC's Environmental Leaders (EL) at The Met School, now in its eighth year, gives high school youth from underserved climate justice communities the opportunity to explore environmental concepts and become true change makers in the community. Youth participate in a year-long "Learn One, Do One, Teach One" program, where ELs use their interests, ingenuity, and lived experiences to investigate environmental and earth systems science and EJ issues, and then develop their passions and research into a community-based project. One project had students create a Story Map documenting and communicating community experiences with floods and sea-level rise in Olneyville, and the ongoing work we are doing to build climate resiliency in this vulnerable neighborhood. Another, by the very creative Allonna, had 4th grade students draw storm drain murals, and with the help of a college art student, she combined the work of three classes into three beautiful murals that were then painted by the students at Riverside Park. NV, now in its third year and run entirely by resident program graduates, engages frontline residents in delving into environmental justice, climate and public health where they live and amplifies their leadership and advocacy on these issues by connecting them to change makers and helping them gain roles on decision-making boards, commissions, and groups.

Ready for collaborative problem-solving opportunities, NV grads worked with WRWC to launch Campeones, to train resident leaders to become full partners in developing nature-based climate adaptation and clean water projects. Campeones participate side by side with WRWC using our Greening the Woonasquatucket River Greenway (GTG) projects as a curriculum. Now in its fifth year, GTG builds climate resilience using nature-based stormwater capture and treatment systems and streambank restoration along the Woonasquatucket

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River and its parks and multi-use trail. WRWC has built GI into the fabric of CP neighborhoods over the last eight years that we also use as a training tool. Our first GI showcase at a well-used local park adjacent to the river, Riverside Park, was created in 2014. We have built out five significant GI projects since then, and four more are in various stages of design to be implemented in 2023 to 2025. To impact frontline downstream flooding, we would need storage for five square miles of stormwater runoff - about 600 projects of a similar scope to our "Greening the Greenway" pilot project disbursed throughout the watershed. The Olneyville Resilience Hub is an ideal platform for championing opportunities and engaging others to join in catalyzing projects and investment for much more nature-based climate adaptation over the next decade to protect our collective future.

To bolster and solidify resident leadership, self-determination, power sharing and co-governance within a strong network of collaborating partners building resilience to extreme weather and climate change where they live, while also contributing to community health, social cohesion, and socio-economic equity, the FCF! project primarily focuses on creation of: 1)The **Olneyville Resilience Hub** to be located at the Joslin Community Center, and 2) **"VECINA,"** (Neighbor) an **online data and storytelling hub**. Primary activities include:

1. **Kickoff/Formation of Steering and Equity Evaluation Teams:** Partners meet to form project Steering and Equity Evaluation teams, sign MOUs as needed, clarify goals, steps and intended results, solidify alignment with Climate Justice Plan/Road Map, and finalize plans to launch FCF! hubs. Oversight teams and committees provide a sound platform for management, tracking, adjustment, evaluation and sharing results over the project period.
2. **NV/Campeones & GJZ Programs:** WRWC and REJC continue running resident and resident-led environmental/climate/EJ literacy and leadership programs targeting older youth and adults in disproportionately impacted frontline neighborhoods. These programs invest in empowered, climate literate community leaders who join and expand resilience and adaptation efforts through the FCF! hubs.
3. **Community Resilience Committee (CRC) Formation:** Olneyville Resilience Hub anchors – PEMA, WRWC and SustainPVD convene a Community Resilience Committee (CRC), and hold a work session to review facility and community needs assessments with new members, work together to create or refine protocols, agreements, performance standards, and set goals in relation to desired outputs and outcomes to ensure the needs and goals represented by each partner are equal drivers of hub outputs and function. The CRC will be based out of the Resilience Hub, and is comprised of community leaders and designees, who meet regularly – an agreed upon number of meetings per month – and work closely with the Resilience Hub Manager to develop a Resilience Hub Operations Manual, build/manage partnerships, identify unmet needs, conduct outreach, coordinate services and more.
4. **Resilience Hub Facility Upgrade:** SustainPVD, Joslin, PEMA and the CRC work together to upgrade the facility as needed using an agreed upon facility plan and set of services in preparation for launch.
5. **Resilience Hub Activation:** Following ribbon cutting, PEMA, WRWC, REJC, ONA, ONE NB and other partners that provide training and programs aligned with the Reslience Hub model and goals, and that conduct regular aligned community committee/workgroup meetings, move their trainings and programs, launch new trainings and programs, and join the project specific teams in conducting their business through the Hub. New partners, leaders, talent and volunteers are continuously informed about and welcomed into project learning/training opportunities, activities, collaborative management and oversight, over the project period to ensure capacity, resources, opportunity and results are equitable and widely dispersed across CP neighborhoods.
6. **VECINA Data Hub Development & Launch:** The Bates/MDJC and NV collaborators convene the VECINA workgroup bringing additional leaders and talent to the table to support this online and open-source tool **for Visualizing Environmental and Community Information for Neighborhood Advocacy – VECINA**. The work group conducts Beta testing, refines the user interface, content upload ease of use, and automatic data streams with resident feedback, develops engagement and Train-the-Trainer curriculum and plan, as facilitated by our Bates partners. They identify technical/administrator and video storytelling content creation trainers/helpers from among partner talent and networks and prepare for 2025 launch.
7. The work group will **engage residents in VECINA content development and use training,** including a much asked for Data Literacy for the People Who Most Need It series, with enrollment sourced through existing resident leader and partner networks, programs and alumni. This will prepare the community to deploy and share the tool widely following the 2025 VECINA launch.

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8. **Quarterly Team Meetings:** Steering, Equity Evaluation and Community Resilience Teams meet quarterly. Regular team meetings ensure the project design, trainings/activities/outputs, etc., capitalize continuously on opportunity/input over the project period to assure hubs meet learning, skill, engagement, impact goals/outcomes empowering leaders as resilience builders and agents of change in on-going EJ/resilience/adaptation organizing and action.
9. **Project Evaluation, Reporting and Sharing Results:** WRWC will work with committees to develop quarterly and final reports, evaluate all aspects of the project and share results.

b. Milestone Schedule: The table on pages 17-18 of this workplan reflects our milestones and timelines related to each of the above activities, using descriptive language and identifying additional Anticipated Products/Results when appropriate. The timelines primarily guide the first two project years. In our experience, acceleration is an accurate descriptor for the pace CP resident leaders are maintaining. Resident-led organizing, capacity and NV offshoots have dramatically outpaced WRWC's projections, administrative processes, and funding cycles, but not our commitment to frontline leadership, greenspace activation and resilience practice. In the words of Nuevas Voces and Campeones, Co-Facilitator, María José Gutiérrez, who completed NV in 2021, "I want to create ways to get into the systems of power!"

Table 2. FCF! Milestone Schedule can be found on pages 17 and 18 of this workplan.

c. Itemized Budget Sheet / Budget Narrative: See attached detailed budget in the "Other Attachment" portion of Narrative form.

3. ENVIRONMENTAL RESULTS – OUTPUTS, OUTCOMES, AND PERFORMANCE MEASURES (LOGIC MODEL)

a. Environmental Results (Logic Model) – Please see the attached Logic Model in the "Other Attachment" portion of Narrative form.

b. Performance Measurement Plan – Performance measurement will take place throughout the project period. WRWC will kick off the project with all project partners including already self-selected and new resident leaders. We will go over all desired outputs and outcomes, the workplan and current evaluation methods. From this initial meeting, we will create shortlists for the Steering and Evaluation Committees to assure project tracking, evaluation, and course corrections if needed. Each hub will also benefit from dedicated resident oversight councils that meet regularly. On a quarterly basis, prior to quarterly and final project reporting, the Steering Committee will meet to review progress, evaluate results to date, and make course correction recommendations as necessary. As described above, we will track project outputs and progress toward outcomes. We will track participation through sign-in and attendance sheets for oversight meetings, info sessions, tours, training and learning program enrollment and sessions, and through documentation and work products related to on the ground resilience building results. We will evaluate the overall program success through one-on-one evaluations with our resident and student leaders that participate in the oversight, training and project teams. We will record the evaluations electronically either through survey monkey or google forms to determine what was learned in trainings and what was created as outputs. Resident leadership of programs and trainings of the project ensures community comfort level with materials used, clarity of materials and any suggested changes for future work. Intention to continue as part of the committees/teams through hubs construction and launch, participation in next step decision making for neighborhood wide and/or watershed wide future projects, and feedback related to perceptions that their input truly made an impact in the results of the current actions will be used as additional indicators of authentic leadership and engagement of frontline voices.

To recap undertakings related to CPS Elements 4, 5, 6 and 7: a project Steering Committee, Community Resilience Committee, and a community-run VECINA workgroup will add to the efforts of the Nuevas Voces/Campeones steering team to track progress and outcomes in accordance with dedicated plans, adjust and improve components along the way, and keep best practices up to date to ensure long term success. Formative and summative evaluation will be led by the FCF! Evaluation Team with REJC serving as equity consultant, and a Lead Evaluator TBA. Oversight committees act together to ensure focused decisive action toward agreed upon, measurable targets and goal. Replicating success/transferring results will remain an on-going endeavor throughout the project period. Each report will feature the speaking, presentation, interview and article opportunities that engaged leader and partners in sharing information, methods and work products with interested parties.

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c. Sustainability Plan and Community Vision: The programs springboarding this project have wildly exceeded our expectations, in no small part due to the people who self-select to join them. NV quickly morphed into a new area of operations within WRWC with newly funded positions reserved for BIPOC bi-lingual residents. The community was ready and already full of leaders. What was missing was the opportunity. Leveraging capacity enabled this work to change lives and the shape of the organization. By year two, teams of graduates and bilingual staff fully took charge of the program, content, speakers, investigations, and very successful new initiatives emerging from the core. New focus, capacity and cultural drivers of our work opened new avenues for others to learn how to more effectively incorporate the needs and concerns of residents into their programming too. Residents soon learned about and developed a stake in a wider swath of opportunities, assets and leadership in city and civic life. Proof of concept happened quickly as NV grads took on new roles in the EJ and flood mitigation sectors. Rave reviews from partners, and requests to learn from our programs come from near and far. We predict this level of momentum and success will continue indefinitely until equity and justice are dispersed across our city.

4. PROGRAMMATIC CAPABILITY

a. Organizational Experience related to the proposed project and their infrastructure as it relates to their ability to successfully implement the proposed project: Since 2019, WRWC has invested in community capacity, organizing and technical skills for frontline residents to direct plans, projects and resources promoting climate resilience and "Buen Vivir" in their neighborhoods. "Buen Vivir" translates as rights to health, education, freedom, participation, and principles like dignity, gender equity, and social justice, towards - "the good life" - true well-being. With significant and impactful resident engagement leading the way on WRWC work described throughout this application, WRWC now has the talent, partnerships and momentum to turn the tide on equity and justice in this urban watershed. This proposal supports resident leadership as a lead-source environmental justice intervention and has mechanisms in place to ensure any resident of Olneyville, Manton and beyond, who wishes to join these efforts can do so regardless of any challenging circumstances in their life. Resident-led programs are conceived and delivered in partnership with REJC, CPO HEZ, ONA and other groups. WRWC enjoys strong and trusted connections with residents and partners, reflected by full enrollment in our program rosters year after year; sustaining multi-year partnerships with schools and community groups; growing resident attendance at tours, celebrations, etc. In resident programs, Social and active learning steeped in an equity praxis, primary language delivery and multi-year engagement connect residents to positions of power and new jobs.

b. Staff Experience / Qualifications of Project Manager (PM) - Why the PM and associated staff are qualified to undertake the project: Alicia Lehrer, WRWC's Executive Director and PM for the proposed project, has 25 years of nonprofit management experience and has successfully managed and completed work for dozens of grants, many of them through federal government agencies, including EPA. She is a water quality scientist, spearheaded nature-based climate adaptation pilots and the ongoing GTG program in Providence and Johnston and launched NV & Campeones. Rebekah Greenwald, serves both as WRWC's Grants Manager and as support to the Community Programs team that leads NV and Campeones. Rebekah has been with WRWC since 2018 and was Executive Director of RiverzEdge Arts, another RI non-profit for ten years. Rebekah co-developed and supported the NV program from its inception and will work with Alicia on assuring quality evaluation and reporting on all aspects of the project thanks to her more than 20 years of program evaluation and reporting experience. Jenny Mercado and Maria Jose Gutierrez graduated from the first NV cohort and distinguished themselves as leaders throughout the program. They are both community organizers in their own right working with their Nicaraguan and Bolivian communities respectively to help new immigrants from their home countries. They completed one year of NV program facilitation and built strong and trusting relationships with participants, delivering the program they helped to revise based on their own experiences. Through their leadership, they joined WRWC's staff and helped us develop the Campeones program as the natural next step.

Illustrating the PM's ties/historical connection to the community and the applicant organization: Alicia Lehrer, the PM, has led WRWC and worked extensively in the Olneyville neighborhood of Providence since 2008. Alicia received the 2020 Urban Waters Learning Network "Learning Network Signature Award," for commitment to improving the Woonasquatucket River and revitalizing the communities around it; and RI Clean Water Action's 2019 "Community Builder of the Year Environmental Champion Award." During her tenure, WRWC won four "Ovie" Awards (Olneyville neighborhood awards) for exemplary community programming and engagement. She has seen firsthand the impacts of severe flooding on homes, businesses and access to roads and parks. Ms. Lehrer is a long-standing representative to the CPO-HEZ and serves on the CP RoadMap Power Sharing Committee. She is a

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long-time member of the OC, a co-organizer of the Valley Visioning group, and a member of River Network's national Flooding and Equity cohort.

c. Expenditure of Awarded Grant Funds: The Woonasquatucket River Watershed Council has successfully managed and implemented many government, and specifically EPA, funded projects in the past. We maintain meticulous internal controls as guided by our Internal Control Memo updated in 2022 (available upon request). We track all grant expenditures separately using a QuickBooks bookkeeping system assigning both a customer (EPA in this case) and a class (Community Programs/Resilience Hub in this case) for each new grant. We manage dozens of grants simultaneously and have systems in place to expend funds and invoice in a timely manner. We bill out most of our grants quarterly and expect to do so for this one. For this project, we will have several subgrantees and at least one contractor. We will develop contracts or MOUs with each as appropriate and determine billing and reporting times and methods for each. We keep meticulous records of all grant expenditures on file for at least five years and keep our electronic bookkeeping files indefinitely.

5. PAST PERFORMANCE

WRWC has successfully completed, or is on track to successfully complete, the following EPA assistance agreements including meeting all reporting requirements and submission of acceptable final technical reports. Our experienced staff is a well-oiled machine in managing grants, tracking funding sources and producing results:

1. EPA Healthy Communities Grant Program HC-00A00989-0 for $30,000, awarded 10/01/2022: **Frontline Communities First! Residents Build Climate Resilience in the Woonasquatucket River Watershed.** The purpose of this grant is to build capacity of resident and student leaders in Olneyville, Manton, Rhode Island to develop and plan projects that address stormwater, sea level rise, poor water, habitat quality, urban heat island and riverbank erosion and scouring. This is the funding source that has allowed WRWC to kick off the Campeones program described above in c. above. Campeones is off to a great start, and we are on track for timely reporting, grant drawdowns and successful project completion in September 2023.
2. EPA Southeast New England Coastal Watershed Restoration Pilot Watersheds Program SE-00A00969-0 for $900,000, awarded 03/01/2022: **Turning the Tide in the Woonaquatucket River Watershed: Safe and Clean Waters, Environmental Justice and Climate Resilience, and Sustainable Funding.** As one of the first recipients of this new source of funding, WRWC is just completing year one of this six-year grant program. This project seeks to demonstrate solutions to the common challenge of restoration of an impaired urban watershed by incorporating solutions that offer social and economic benefits as well as protect and improve water quality and/or habitat. Overall, this award will allow WRWC to (1) better incorporate the community in planning and restoration activities, (2) provide opportunities for public training events, (3) continue monitoring our watershed, and (4) install nature-based stormwater control measures. WRWC and our grant managers are excited about progress and results in year one and WRWC is up to date on quarterly project funding drawdowns and semi-annual project reporting.
3. EPA Environmental Justice Collaborative Problems Solving EC-00A00720-0 for $120,000, awarded 10/01/2020: **New Voices at the Water Table: Leadership Development for Olneyville Youth and Residents**. This grant was successfully closed out with all grant funds expended and all reports and federal forms submitted. The previous EPA EJ CPS award helped WRWC build out and establish the NV program with amazing results. Thanks to this source, WRWC's engagement with BIPOC community members gained rapid momentum. We hired bilingual BIPOC staff for our Community Programs Director Position, graduated two cohorts of our NV Program, brought our two graduate program co-facilitators on staff and supported other graduates to serve on important committees and strong community organization boards, including our own. This proposal is built on the success of the accomplishments funded through this grant.
4. EPA Environmental Education Grant NE-00A00401-0 for $100,000, awarded 08/01/2019: **Bringing New Voices to the Water Table in Community-Based Environmental Education.** This grant was successfully closed out with all grant funds expended and all reports and federal forms submitted. This funding sources helped WRWC develop and kickoff our NV Program. Our middle and high school education programs helped create online storymaps we still use to train our NV participants about the industrial history and current threats of climate change in Olneyville. Students and project partners completely developed the NV curriculum and took it through successful graduation of our first cohort of residents.

Quality Assurance Project Plan (QAPP) Information: This project will not require a QAPP as it will involve only the use of existing environmental data.

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Table 1. FCF! Partners

Due to space limitations, we have listed here only partners with key project roles. Many others will sit on teams and support and give input to the project.

Partner	Stakeholder Group	Activities for which Partner is Responsible	Partner Resources & Vested Interest	How WRWC will Maintain Partnership
PEMA	Government	• Help convene/participate on Community Resilience Committee (CRC) • Oversee Resilience Hub Manager • Provide Emergency and Hazard Response Training • Facilitate formation of Community Emergency Response Team • Active participation on project Steering Committee	• Funding for training w/stipends for resident participation, and for PEMA coordinator to provide emergency and hazard response services, manage supply inventory, develop kits for Hub • Vested through Hazard Mitigation Plan, as Hub backbone/early proponent • Opportunity to effectively work w/disproportionately impaired, climate justice community	WRWC has long worked with PEMA. NV collaboration deepened this partnership. Olneyville Resilience Hub actively aligns missions. WRWC will maintain this partnership through ongoing training/preparation/response on the ground in Olneyville.
SustainPVD	Government	• Collaborate with PEMA and WRWC as Olneyville Resilience Hub backbones • Oversee Resilience Hub Manager in collaboration/consensus with PEMA and WRWC • Help convene/participate on CRC • Active participation on project Steering and Equity Evaluation Teams	• Funding from the Barr foundation for Resilience Hub Manager position for two years, and facility improvements, to increase supply of emergency/ hazard response materials/kits • Vested through mission, fulfillment of Climate Justice Plan and shared position supervised housed at WRWC	WRWC has worked closely with this office since it began in 2012. Our missions intersect so we will maintain our relationship by continuing to develop projects together and otherwise supporting each other's capacity and fulfillment of goals in line with our missions.
Bates College/ MDJC	Academia	• Continued facilitation of VECINA development, MDJC collaboration and student support of project success • Facilitate development of Train-the-Trainer sessions/curriculum • Foster local connections to math, data and justice champions for the Nuevas Voces leaders • Active virtual participation on project steering committee • Collaboration with Nuevas Voces to convene, train and support a community-run VECINA Workgroup	• Originator of collaboration with Nuevas Voces/WRWC • Stakeholder invested in project development/success from onset • Convener of MDJC • Staff time and course/student time as in-kind support • High-level provider of and connector to mathematics and data science communities, academic innovation labs, knowledge and expertise • Forerunner in applied mathematics and data science for social justice nationally	This partnership was formed by a connection made through the sister of our Bates lead, who had long worked with WRWC through positions at RI Department of Environmental Management and now at RIDOT. Many of the MJDC members have current or historic ties to Providence. NV/WRWC will maintain this partnership through to VECINA hand-off/project completion.

REJC	Environmental Justice Non-Profit	• Serve as the Racial and Environmental Equity Consultant • Help all partners/activities incorporate /model a race equity-centered praxis in all that we collaboratively do • Help form/oversee an Equity Evaluation Team • Continue jointly developing/ recruiting/delivering WRWC's NV, Campeones and EL, and REJC's GJZ Visioning/Cohort Programs • Cross-referrals to leadership and emergency trainings and placements	• Subgrantee • Co-founder of FCF! • Forum for connecting underserved populations in Providence to decision-making on EJ issues • Vested interest in empowering residents of EJ areas • Vested interest in pilot partnership with WRWC as "ally" or "kin" but not BIPOC or BIPOC majority led organization	REJC is and has been a subgrantee of WRWC on recent grants, and a partner on many. WRWC maintains this singularly important partnership through continuous adoption and improvement of anti-racist policies, practices, performance with specific targets/measurement. WRWC is currently engaged in shared development of equity/equity evaluation praxis in our frontline work that we are rolling out and measuring across our work.
ONA	Grassroots Non-Profit	• Sharing our long-standing credibility to spread reach/results of hub launches, leadership development, technical training, infrastructure projects • Encourage members to join in trainings, programs, workgroups, especially those neighborhoods situated in Woonasquatucket River flood zone • Share ONA opportunities like recent Driver License support for new residents training	• Subgrantee • Grassroots anchor for marginalized Spanish speaking residents, providing training, connecting them to legal help, health, other "buen vivir" support • Serves many of the same residents as WRWC – two NV grads on ONA staff • Has secured funds for EJ education • Mission is to empower residents of area	WRWC has worked with ONA for 25 years but ramped up our partnership through NV. WRWC maintains this partnership by helping ONA build back capacity and resources in any way they need and by listening to/learning from, centering, and handing off leadership to neighborhood residents as much as we possibly can, including by hiring them.
ONE NB	Community Development/ Affordable Housing	• Convene CPO HEZ/OC • Convene Road Map Resident Advisory Council and Pillar Work Groups • Connect residents to project through existing relationships and regular outreach • Promote resident leadership on councils/committees and participation in training and programs among HEZ/OC partners	• Paid staff time for outreach and connecting residents, HEZ/OC members to project • Sharing updates, resources, and strategies across common focus areas • Vested interest in healthy, safe Olneyville community.	ONE NB (and its predecessor, Olneyville Housing Corporation) and WRWC are one of the oldest and most effective partnerships in Olneyville. Housing and environment will always work together in Olneyville.
Groundwork RI	Workforce Development	• Provide technical GI training to Campeones/Hub programs/projects funded through other sources	• Staff time as subgrantee from other grant sources to provide training • Vested interest in improving Olneyville • Likely to utilize hubs in future work	WRWC and Groundwork have been collaborating for decades in EJ sector, through GIC, shared funding /projects, mutually supportive but not necessarily overlapping services/

		• Empower Latino EJ community workforce/collaborate to create living wage jobs • Partner when possible, on GI projects		programs. This is a high function, consistent, exemplar partnership.
Joslin Recreation Center	Community Center	• House Olneyville Resilience Hub • Participate on CRC • Work with Backbone Partners, Hub Coordinator, WRWC Community Programs Director to create dedicated community run space aligned with community vision/need, PEMA and SustainPVD requirements.	• Building and campus • Facilities management • Vested interest in expanding services to reach new target age groups and residents with diverse backgrounds • Vested interest in improving "buen vivir" for the thousands of youth come through their doors	WRWC has run in-school STEM education programs at William D'Abate Elementary School, connected to Joslin Rec Center for a a decade. Many NV/other resident leaders have children who attend. WRWC will maintain this partnership in tandem with other city agencies, and through community networks.
Innovation Labs at University of Chicago/IMSI and at Brown University/ ICERM	Academia	• Share project literature, stories, podcasts, articles, out to wider math/statistics/data academic communities • Share own role in early stages of project as innovative and successful social justice collaboration • Refer upcoming students and researchers to partners	• Connections with professors, students, and academic institutions • Vested as early and catalytic supporters of VECINA development • Welcomed Nuevas Voces frontline residents in winter and summer 2023 institutes as non-traditional but esteemed participants	Primarily NV partners, this relationship will be maintained through duration of the project under the leadership and organizing of Bates/MDJC. WRWC is profusely grateful for their generosity to the NV program and leaders.
Rhode Island Hispanic Chamber of Commerce	Business	• Connecting local businesses/members to hub resources, training, opportunity • Connecting Hub to community assets and resources • Outreach and promotion to members	• Network of businesses with concern about improving neighborhood condition, access to resources/ opportunity particularly related to starting/running successful businesses as effective strategy to higher income • Vested in reducing severe storms/flooding impact on businesses/commerce	WRWC is a member of this organization and has collaborated for many years on outreach and engagement to local Latine businesses and entrepreneurs. WRWC maintains partnership attending events, sharing opportunities, and a recent grant through Commerce RI that brings new customers to local businesses.

Other partners that will be involved in the project that we did not have space to describe fully include: The WaterFire Arts Center (arts/community space host), the Rhode Island Green Infrastructure coalition (cross-state collaborative that will engage with the hubs), CPO-HEZ (health), Valley Visioning Group (community development collaborative), United Way of Rhode Island (philanthropy and Olneyville property owner and resilience project partner).

Table 2. FCF! Milestone Schedule

Project Activities	Milestone(s)	Timeframe	Anticipated Products/Results
1. Partners meet to form project Steering and Equity Evaluation teams, sign MOUs, clarify goals, steps and intended results, solidify alignment with Climate Justice Plan/Road Map, and finalize plans to launch FCF! hubs.	• Partner project kick-off meeting held • Steering and Evaluation teams are formedform • MOUs are signed	November to December 2023	• Sound platform for management, tracking, adjustment, evaluation and sharing results over the project period. • Clear pathway to meet the program objectives and execute the project with agreed upon goals, steps and intended results. • Alignment with local and city-wide plans and frameworks to leverage collective impact.
2. WRWC and REJC continue running resident and resident-led environmental/climate/EJ literacy and leadership programs targeting older youth and adults in disproportionately impacted frontline neighborhoods.	• NV/Campeones & GJZ run according to each program's timeline and design • Target numbers of residents and students complete programs	October 2023 to September 2024 and each year thereafter May 2024 for EL @ The Met October 2024 for NV Año 3 TBD for Campeones and GJZ	• Investment in empowered, climate literate community leaders. • New leaders join and expand resilience and adaptation efforts through FCF! hubs. • 60 self-selected frontline community members prepare to make informed decisions, engage others and lead resilience efforts each year of the project period.
3. Olneyville Resilience Hub anchors convene the CRC and hold a work session to review facility and community needs assessments with new members, create or refine protocols, agreements, performance standards, and set goals in relation to desired outputs and outcomes.	• Community Resilience Committee Formed • CRC is comprised of community leaders and partner designees	January 2024	• PEMA, WRWC and SustainPVD work seamlessly as supported by residents and partners to ensure the needs and goals represented by each partner are equal drivers of hub outputs and function. • CRC/staff collaboration ensures residents inform creation of the Resilience Hub Operations Manual, build/manage partnerships, identify unmet needs, conduct outreach, coordinate services, etc.
4. SustainPVD, Joslin and PEMA work with the CRC to upgrade the facility using a plan created through participatory design.	• Resilience Hub facility is upgrade**d**	Upgrades completed by May 2025	• Agreed upon plan and set of services in preparation for Hub launch centers broad community voices/needs in tandem with emergency preparedness/response, resilience training, education and projects.
5. Following ribbon cutting, PEMA, WRWC, REJC, ONA, ONE NB and other partners, conduct aspects of their business through the Hub.	• Resilience Hub activated • Partners move training/ programs to Hub • New trainings/ programs are launched	Full activation by October 2025 continuing indefinitely	• New partners, leaders, talent and volunteers are continuously engaged. • Shared resources and opportunities engage larger numbers of residents and partners. • Collaborative management and oversight ensure capacity, resources, opportunity, and results are equitable and widely dispersed across CP neighborhoods. • Resilience and adaptation preparation and projects accelerated.

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6. VECINA Data Hub Development & Launch VECINA – Visualizing Environmental and Community Information for Neighborhood Advocacy	• MDJC and NV collaborators convene VECINA workgroup • Beta testing for user interface, content upload ease of use, and automatic data streams with • Train-the-Trainer curriculum delivered	January 2024 May/June 2024 July/August 2024	• Additional leaders/talent support this online open-source tool. • Technical maintenance and site administration is supported by trainers/helpers from among partner talent and networks. • Preparation for launch activities help to close digital divides and knowledge gaps and empower widespread tool use. • Workgroup is well-prepared to take over hosting and control of the site. • Training the trainers replicates NV success in rapid transition to residents leading, facilitating and teaching resident programs and trainings.
7. The work group engages residents in VECINA content development and use training, preparing the community to deploy and share the tool widely following the 2025 VECINA launch.	• Data Literacy for the People Who Most Need It series delivered • Trained trainers train peers to develop content and use tool • Tool Launch	June/July 2024 September 2024 to March 2025 April 2025	• Video storytelling is supported by trainers/helpers from among partner talent and networks. • Enrollment sourced through existing resident leader and partner networks, programs and alumni is another best practice replication. • Training the trainers expands reach broadly to residents and students in diverse settings. • Community-generated, curated content democratizes data use, problem identification and solving, while preserving the site as a resident riven discursive space.
8. Steering, Equity Evaluation and Community Resilience Teams meet at least quarterly or more frequently in accordance with their workplans	• Regular Team Meetings	October 2023 to September 2026 (throughout project period)	• Nimble projects and components able to capitalize on opportunity and input. • Capitalizing on opportunity and cross-pollination assure hubs meet learning, skill, engagement, impact goals. • Empowered leaders become resilience builders and agents of change predicated on decisive EJ, resilience, adaptation and organizing.
9. Project Evaluation, Reporting and Sharing Results:	• WRWC works with teams/committees to track, document, evaluate/ share results of all aspects of project • Quarterly and final reports and invoices submitted to EPA	October 2023 to September 2026 (throughout project period) Jan, April, July and October 2024 to January 2027	• Idea inspiration, replication of best practices, high visibility, and impact. • New shared tools and capacity for partners to communicate impact individually and collectively. • Project results shared with EPA in regular and timely manner. • Project funds expended in regular timely manner.

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Internal Revenue Service

Department of the Treasury

35 Tillary St., Brooklyn, N.Y. 11201

District
Director

Date: JUL 14 1986

Maine People Resource Center
P.O. Box 2490
Augusta, ME 04330

Employer Identification Number:
22-2536108
Our Letter Dated:
April 1, 1985
Person to Contact:
D.M. Hamilton
Contact Telephone Number:
Ex. 6 Personal Privacy (PP)

Dear Applicant:

This modifies our letter of the above date in which we stated that you would be treated as an organization which is not a private foundation until the expiration of your advance ruling period.

Based on the information you submitted, we have determined that you are not a private foundation within the meaning of section 509(a) of the Internal Revenue Code, because you are an organization of the type described in section 509(a)(1) & 170(b)(1)(A)(vi). Your exempt status under section 501(c)(3) of the Code is still in effect.

Grantors and contributors may rely on this determination until the Internal Revenue Service publishes notice to the contrary. However, a grantor or a contributor may not rely on this determination if he or she was in part responsible for, or was aware of, the act or failure to act that resulted in your loss of section 170(b)(1)(A)(vi) status, or acquired knowledge that the Internal Revenue Service has given notice that you would be removed from classification as a section 170(b)(1)(A)(vi) organization.

Because this letter could help resolve any questions about your private foundation status, please keep it in your permanent records.

If you have any questions, please contact the person whose name and telephone number are shown in the heading of this letter.

Sincerely yours,

District Director

cc:

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Racial and Environmental Justice Committee
225 Dyer Street, 4th Floor
Providence, RI 02903
www.rejc401.com

April 14, 2023

Alicia Lehrer, Executive Director
Woonasquatucket River Watershed Council (WRWC)
45 Eagle Street, Suite 202
Providence, RI 02909

Dear Alicia:

The Racial and Environmental Justice Committee is pleased to expand our Frontline Communities First! partnership with WRWC, along with the other committed and community partners working in Olneyville and Central Providence neighborhoods.

We believe the launch of resilience hubs and community resilience and oversight committees, the continuation of WRWC and REJC's effective EJ leadership and technical training programs, and our collaborative efforts to seed resident leadership across our sector will effectively enable residents and their partners to take decisive action to advance environmental justice aligned with the Just Providence Framework we helped to develop in The City of Providence Climate Justice Plan.

We look forward to working with the resident leaders and partners with the goals to increase community resilience. By ensuring frontline communities who will deal with extreme weather and climate change have sufficient environmental literacy, that cultivate individual's expertise based on their lived experience and offer a pathway to cooperative civic engagement.

Ensure all frontline Providence residents are equipped and empowered to take action affecting climate change in their community; build resilience to extreme weather and climate change in ways that contribute to community; health, social cohesion, and socio-economic equity; and Effectively center resident voices, visions and priorities as drivers accelerating resilience and adaptation to climate change.

REJC enthusiastically supports this innovative approach and shares the project goals, and we believe we have a unique role to play related to equitable development and problem solving.

As such, our commitment, bolstered by our existing MOU with WRWC now expanded as a subgrantee to include this project, we commit to serving as the Racial and Environmental Equity Consultant helping all partners and activities incorporate and model a race equity-centered praxis in all that we collaboratively do for the project.

In this role, we will help to form and oversee an equity evaluation team, we will continue jointly developing, recruiting and delivering your Nuevas Voces, Campeones and Environmental Leaders, and our Green Justice Zone Visioning and Cohort Programs, we will help populate your community resilience and oversight teams, new trainings offered by PEMA and SustainPVD and we will reserve spaces in our trainings for FCF! engaged leaders too.

In numerous critical ways these align closely with the goals of our work to create cross-sector equitable governance.

Sincerely,

April Brown

April Brown
Director
Racial and Environmental Justice Committee

ONA
Olneyville Neighborhood Association
Asociación de vecinos de Olneyville

April 12, 2023

Alicia J. Lehrer, Executive Director
Woonasquatucket River Watershed Council (WRWC)
45 Eagle Street, Suite 202
Providence, RI 02909

Re: WRWC Proposal – Frontline Communities First! Residents Build Climate Resilience in Providence, Rhode Island

Dear Alicia:

Olneyville Neighborhood Association (ONA) is pleased to submit this letter of commitment as a partner and subgrantee on Woonasquatucket River Watershed Council's (WRWC) proposed EJ Collaborative Problem Solving project – "Frontline Communities First! Residents Build Climate Resilience in Providence, RI."

Olneyville Neighborhood Association (ONA) began informally in the 1990's, housed out of a local church, as a forum for neighbors in one of Rhode Island's most marginalized barrios to address day-to-day living conditions. These leaders, primarily of Guatemalan, Puerto Rican, Dominican, and Mexican descent, realized outside forces were driving displacement by eliminating local jobs, raising housing prices, and creating a cultural war against immigrants and people of color, young and old. In 2005, new leaders led a challenging "rebirth" process as they clarified the organization's mission, vision, and organizing methods. ONA has created a vehicle for community members and allies to organize community defense initiatives and direct-action campaigns, with a particular focus on protecting and advancing the rights of undocumented immigrants.

Recently, in partnership with WRWC, Sierra Club, SustainPVD and other environmental and advocacy groups, ONA has taken action to get our members and allies engaged in climate resilience and justice efforts too, recognizing harms and hazards as a critical and on-going component of marginalization. ONA appreciates the ways WRWC is anchoring engagement of Olneyville residents, many of whom are our members, in leading resilience and adaptation, and the steps WRWC is taking to ensure residents take on greater and more engaged leadership throughout the opportunities WRWC provides. We are impressed with the programs and planned hub launches resident leaders are catalyzing, which we will also support through steering committee participation, member engagement and volunteer support.

As a subgrantee and primary partner on WRWC's FCF! project, ONA commits to sharing our long-standing credibility with families, other BIPOC organizations, and business owners in Olneyville Square - "mom & pop" shops - to help spread the reach and results of hub launches, leadership development and technical training, infrastructure projects catalyzed and completed with resident leadership at every stage, etc. Olneyville Square and portions of the resident neighborhoods we serve are situated in the Woonasquatucket River flood zone and are disproportionately affected by severe storms and flooding.

WRWC and the other FCF! partners can count on ONA also to ensure our members join in trainings and participate in all aspects of project and project component completion and success. We very much want our members know they have an important role to play in learning the issues, participating in training, planning, outreach, stewardship and other expressions of leadership and advocacy related to "buen vivir." By becoming part of the leadership for downstream resilience, we are protecting ourselves and our neighborhood's future. We look forward to working together with WRWC and the other partners on this much needed project.

Sincerely,

Yuselly Mendoza, Program Coordinator
Olneyville Neighborhood Association (ONA)
122 Manton Avenue, Unit 611
Providence, RI 02909
Ex. 6 - Personal Privacy (PP)

April 13, 2023

Alicia Lehrer, Executive Director
Woonasquatucket River Watershed Council
45 Eagle Street, Suite 202
Providence, RI 02909

Re: Letter of Commitment to **Frontline Communities First! Resident Leaders Build Climate Resilience in Providence, RI** application to EPA's EJCPS Cooperative Agreement Program

Dear Alicia,

ONE Neighborhood Builders, on behalf of the Central Providence Opportunities Health Equity Zone (CPO-HEZ), is excited to support the Woonasquatucket River Watershed Council (WRWC) and the other lead and community partners, on your Frontline Communities First! project. We very much share your commitment to achieving intended results with residents leading the way.

As you may know, we recently rolled out our Central Providence Roadmap, the product of many years of work, engagement of a Resident Advisory Council and 45 community partners, and network-wide collaboration through CPO-HEZ. Using our Theory of Change and the collective impact model as a guide, the Roadmap outlines a path forward for CPO-HEZ and its Collaborative members. In collaboration with partners, we identified our shared visions, aspirational conditions, and the metrics we will track to understand our progress towards them. We express these as Pillars, guided by North Stars - ambitious yet achievable conditions - with strategies and tactics identified to achieve specific outcomes. These Pillars are meant to reflect the work currently happening in CPO-HEZ, as well as drive new strategies going forward.

Throughout the creation of the Roadmap, we benefitted from WRWC's participation in relation to PILLAR 3: BUILDING POWER AND CAPACITY, such as through local civic participation and other democratic structures. Community "power and capacity" refers to the resources, organizing, and influence required for residents to meet collective goals. WRWC's Nuevas Voces graduates on the work group brought forward a host of welcome strategy and tactic ideas now encompassed in the plan. We look forward to their continued involvement on this Working Group.

Our partnership with WRWC goes back to 2017, when we first worked together to canvass neighbors to learn what they knew about the history of neighborhood flooding and predicted climate issues. CPO-HEZ has become a model in Rhode Island and beyond for engaging and serving our communities by centering resident voices and prioritizing equity and justice so the

people most affected by health, economic and environmental disparities and harms have the greatest say in their solutions.

CPO-HEZ will continue to convene community residents and partners, sharing updates, resources, and strategies across common focus areas. When relevant, Frontline Communities First! opportunities, activities and results will be featured in our newsletters and monthly communications to our 40 partner organizations and hundreds of residents and local businesses. Our Resident Advisory Council monthly meetings, HEZ quarterly meetings and any participatory budgeting or other resident led processes will also provide regular forums for sharing needs, ideas, opportunities and important information emerging from programs and training.

Part of this communication to our partners will also include sharing opportunities for resident leadership on the Community Resilience Council, Vecinos Steering Committee, Equity Evaluation Team and other bodies that emerge as the project progresses out to all CPO-HEZ members to help build strong local coalitions prepared to advance environmental justice and civil rights and support the Climate Justice Plan.

Your proposed project is the right project for the right place at the right time and we look forward to our continued partnership.

Sincerely,

Jennifer Hawkins

Jennifer Hawkins
Executive Director, ONE Neighborhood Builders
CPO-HEZ Backbone

DIRECTOR CLARA F. DECERBO

MAYOR BRETT P. SMILEY

PROVIDENCE EMERGENCY MANAGEMENT AGENCY

April 12, 2023

Alicia J. Lehrer, Executive Director
Woonasquatucket River Watershed Council (WRWC)
45 Eagle Street, Suite 202
Providence, RI 02909

Re: WRWC's **Frontline Communities First! Resident Leaders Build Climate Resilience in Providence, Rhode Island** application to EPA's EJCPS Cooperative Agreement Program

Dear Ms. Lehrer:

The Providence Emergency Management Agency (PEMA) is an enthusiastic partner with Woonasquatucket River Watershed Council (WRWC) and the other committed and community partners on your proposal to the EPA's Environmental Justice Collaborative Problem Solving project, Frontline Communities First!

Nothing is more important to PEMA than engaged, informed community members stepping up as leaders, especially in underserved and vulnerable climate justice communities. At PEMA we cannot do our job effectively without local leadership and input. The creation of resilience hubs is among the most effective means of accomplishing PEMA's goals. We could not be more thrilled and committed to the realization of the Olneyville Resilience Hub launch and process, which we first generated as an idea many years ago.

PEMA's Multi-Hazard Mitigation Plan identifies the frontline communities of Olneyville and Central Providence as high priorities for protection from the impacts of climate change, especially related to sea level rise, riverine flooding and extreme heat. In 2010 Olneyville was devastated by a major riverine flooding event that took multiple years and millions of dollars to complete recovery efforts. In coming years as climate change impacts increase, it is highly likely that the vulnerable community members of Olneyville and Central Providence will experience increasing risks from flooding and extreme heat. As a partner in previous WRWC frontline engagement and leadership programs, PEMA is well placed not only to alert residents about concerns like storms, extreme heat and other environmental hazards, but also to provide much needed services to residents, now housed in one well-equipped and well-sited location, with supportive programs, resources and outreach contributing to its success.

We enthusiastically share the goals of the project to activate residents of frontline Providence neighborhoods to become agents of change in and for their communities, to accelerate community resilience and adaptation to climate change in ways that align with PEMA's Multi-Hazard Mitigation Plan and the Providence Climate Justice Plan. PEMA's work must be equity centered because our most vulnerable and underserved community members will continue bearing disproportionate impacts from increasing climate change-related risks and hazards.

PEMA's commitment to Frontline Communities First! will feature:

- **Tri-Partite oversight of the Resilience Hub Manager** position with WRWC and SustainPVD, employed by and housed at WRWC with funding from SustainPVD.
- **Emergency and Hazard Response Training** – PEMA will work closely with resident resilience teams, WRWC and partners to provide Emergency and Hazard Response training and supplies to community residents and participants of Nuevas Voces, Campeones de Combate Climático, and the

Vecinos train-the-trainer programs. Training will be provided at the Resilience Hub site. Resident trainees will be compensated with stipends for their participation.

- **Oversight and training of a dedicated Community Emergency Response Team** through the Olneyville Resilience Hub comprised of residents who choose to train for, form and act as a cadre of volunteers engaging in recognized practices and standards to work with agencies and systems active during disasters to best meet the needs of their neighbors. Training covers: Disaster Preparedness, Fire Suppression, Medical Operations, Light Search and Rescue Operations, Psychology and Team Organization, and Disaster Simulation. PEMA will work with WRWC to provide translation and with project partners to secure additional and ongoing support for the team and its operations.
- **Active participation on project Steering and Equity Evaluation** oversight committees, meeting with the committees quarterly, coordinating internally to make sure we are offering the fullest staff and agency resources to Frontline Communities First! resident leadership with the partners, trainings, cohorts, actions and events, etc.

PEMA estimates $15,000 per year in in-kind staff time related to the above to support the outputs and desired outcomes of the project. We will remain committed to continue visiting with the cohort programs, training interested community members and inviting them to join our activities and exercises. Co-leadership and high levels of engagement with frontline residents is among our highest priorities. Together, we can collaboratively support and assist our residents in the greatest need when disasters occur.

We appreciate the opportunity to meet people where they live and incorporate their needs and priorities so PEMA can do our job to the best of our ability.

Sincerely,

Clara Decerbo, PhD, CEM

Director Providence Emergency Management Agency

MAYOR BRETT P. SMILEY
CITY OF PROVIDENCE

April 13, 2023

Alicia Lehrer, Executive Director
Woonasquatucket River Watershed Council (WRWC)
45 Eagle Street, Suite 202
Providence, RI 02909

Re: WRWC's **Frontline Communities First! Resident Leaders Build Climate Resilience in Providence, Rhode Island** application to EPA's EJCPS Cooperative Agreement Program

Dear Alicia,

The City of Providence Department of Sustainability is proud to partner with the Woonasquatucket River Watershed Council (WRWC), Providence Emergency Management Agency (PEMA), the City's Department of Recreation, the Olneyville Neighborhood Association (ONA) and other community partners working collaboratively on the **Frontline Communities First!** project. This opportunity coincides with ongoing efforts by this coalition to launch the Olneyville Resilience Hub. If awarded, the project will help implement key strategies of the Providence Climate Justice Plan.

The Climate Justice Plan is the guiding document of the Department of Sustainability. It includes seven key objectives, 20+ targets, and over 50 strategies to create an equitable, low-carbon, climate resilient city, with a focus on addressing the concerns of frontline communities. The Community Health section of the Plan calls for the City to create a network of Resilience Hubs. As stated in the Plan;

> *Resilience Hubs are defined as: Community-serving facilities augmented to support residents and coordinate resources distribution and services before, during or after a natural hazard event. They leverage established, trusted, and community-managed facilities that are used year-round as neighborhood centers for community-building activities. Designed well, Resilience Hubs can equitably enhance community resilience while reducing GHG emissions and improving local quality of life. They are a smart local investment with the potential to reduce burden on local emergency response teams, improve access to health improvement initiatives, foster greater community cohesion, and increase the effectiveness of community-centered institutions and programs. Moreover, Resilience Hubs provide an opportunity to build local community power and leadership.*

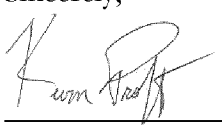
As such, the Department of Sustainability commits Elder González Trejo, Sustainability Policy Associate, to assist WRWC's proposed project in the following ways:

- **Work to Establish the Olneyville Resilience Hub**. This includes fostering partnerships with local community assets to provide a variety of services before, during, and after environmental disruptions. Services may include public charging stations, educational programming, workforce development opportunities, emergency preparedness training, among others.
- **Hire and train a Resilience Hubs Manager.** Through funding from The Barr Foundation, the Department of Sustainability will hire a full-time Resilience Hubs Manager (2-year term). The position will operate out of WRWC. WRWC will co-facilitate the hiring process and co-manage their employment. The Resilience Hubs Manager will manage partnerships, services, community outreach, organize events, and work closely with site manager(s) and Community Resilience Committees (see below). This position will be supervised by the Department of Sustainability and PEMA.
- **Develop a Community Resilience Committee (CRC).** Funded in whole by this grant opportunity, the Community Resilience Committee (CRC) is based out of the Resilience Hub and will work closely with the Resilience Hubs Manager to develop a Resilience Hub Operations Manual, build/manage partnerships, identify community needs, conduct outreach, coordinate services and more. Community Resilience Committee members will be residents of the Resilience Hub's service area and will receive stipends for their work.

The Department of Sustainability will also participate in the project's Steering and Equity Evaluation Committees with WRWC and the other partners. This committee is aligned with the goals of the Collaborative Governance section of the Climate Justice Plan, which aims to ensure residents are engaged continuously with the City in co-leadership and power sharing, and that residents' voices have a meaningful impact on the work of their government.

We look forward to continuing our partnership to make the Olneyville neighborhood more environmentally and socially resilient in the years to come.

Sincerely,



Kevin Proft
Acting Director of Sustainability
City of Providence

Department of Sustainability
25 Dorrance Street, Providence, Rhode Island 02903
Phone: Ex. 6 - Personal Privacy (PP) | www.providenceri.gov

Bates | DIGITAL & COMPUTATIONAL STUDIES

April 12, 2023

Alicia J. Lehrer, Executive Director
Woonasquatucket River Watershed Council (WRWC)
45 Eagle Street, Suite 202
Providence, RI 02909

Re: WRWC's **Frontline Communities First! Resident Leaders Build Climate Resilience in Providence, Rhode Island** application to EPA's EJCPS Cooperative Agreement Program

Dear Ms. Lehrer:

The Mathematical and Data Justice Collaborative (MDJC) teams I have led at the National Science Foundation-funded Mathematics Institutes at Brown University (ICERM) and the University of Chicago (IMSI) have benefited tremendously from our partnership with Nuevas Voces and WRWC. We began collaborative conversations with WRWC and Nuevas Voces in the summer of 2022 at ICERM in Providence, RI. First, we asked the Nuevas Voces leaders "what case do you have to make over and over again to convince people your experience matters?" Their answer: There is a misnomer among those in Rhode Island that climate change is not a social justice issue, because it is a coastal flooding issue that only affects wealthy beach communities. However, some of the most severe flooding has been experienced along the Woonasquatucket Watershed in downtown Providence. This flooding is aggravated by increased frequency due to climate change and inadequate infrastructure investment. The experience of flooding impacts, however, needs the perceived legitimation of data for both policy makers and for people at risk.

In February 2023, at the end of our time at IMSI together in Chicago, we launched the first prototype stage of VECINA, an online and open source tool for Visualizing Environmental and Community Information for Neighborhood Advocacy. This tool meets a need at the intersection of the human-technology frontier, taking advantage of data aggregation work EPA's EJScreen has harnessed, but translated to meet place-based community needs and integrate community knowledge as a direct result of a participatory design process with Nuevas Voces and WRWC. Since the launch, the process of creating VECINA has taken center stage in a co-hosted podcast, a paper on data science for social justice work for mathematicians (in press), an invited paper (due in a few weeks), and multiple national talks.

In my mathematics and data science communities, there are so many researchers, including undergraduate and graduate students, who are interested in creating and pursuing new opportunities for data science and mathematics application to equity and justice. The MDJC-Nuevas Voces/WRWC co-development of VECINA is helping guide this new research community emerging in mathematics. Funding and support for developing the full potential of research-community partnerships is unfortunately rare in mathematics and computer science, but our experience here has already resulted in meaningful and innovative work that can serve to pave the path for others. The work we have completed to date in preparation to launch the new tool across Central Providence, and all that will entail over 2024 and beyond, makes us very proud. Out of this groundbreaking partnership and work, we enthusiastically commit to expanding and deepening our partnership through WRWC's EPA Environmental Justice Collaborative Problem Solving project, Frontline Communities First! VECINA is aligned with, and helped to inform, the overall project strategies and goals, and it syncs perfectly with the other partnership-driven Olneyville Resilience Hub launch.

As I return from sabbatical at the mathematics institutes, I have been excited to imagine how I can continue to collaborate with WRWC and Nuevas Voces. I grew up just outside of Central Providence as the child of a Latino immigrant to the US, and the Hispanic community in Providence has always been a special part of the family that I grew up with. In addition, my own training has been in mathematical ecology, and before arriving at Bates I worked for nearly a decade at two environmental liberal arts schools in Maine. I specialized in training future environmental, wildlife, and life science professionals in the data, computational, and quantitative skills needed to understand climate change, manage our natural resources, and make a difference. Now at Bates College, my work also includes interdisciplinary and inclusive STEM education research and I teach digital and computational courses which seek to understand and critically interrogate the relationship between humans and technology. Nothing could be more important to Bates College than engaged collaboration with communities on projects with real world impact - especially in impaired and vulnerable climate justice neighborhoods. Last year, Bates committed funds to support Nuevas Voces community members' time at IMSI, and will again be committing funds for this upcoming summer's work and launch at ICERM. In addition, Bates College faculty recently voted to add two new general education requirements for graduation which focus on racism, colonialism, power, and privilege - one of which needs to be grounded in the students' major. Continuing my collaboration with WRWC and Nuevas Voces via my teaching of future mathematicians, computer scientists, and data scientists is not just of interest to the students, but now an imperative.

As the MDJC team is constructing back-end site development, community content and data feeds, we also have put together a roll out, ownership and maintenance plan for the new hub to assure its efficacy in enabling Nuevas Voces and other communities to use data to legitimize their experiences and drive decision-making and advocacy, and in relation to the practices involved in community-driven research with social justice impact. This is a relatively new field for the broader mathematical sciences community. This work is an opportunity to illustrate how mathematicians can work with interdisciplinary teams and with the community on local justice issues. Our research goals are:

- To explore how open-source technological tools developed in one community context might be adapted to other community contexts;
- To explore how community advocates want to leverage technological tools to both access the data they need and contribute the data they have collected; and
- To illustrate how mathematicians can responsibly and ethically work with local underserved and underinvested communities to help them achieve their goals around environmental and social justice.

With funding for continued collaboration through FCF!, on behalf of Bates College, I am committed to the following contributions to the project:

- Continued facilitation of VECINA development and collaboration with MDSJ through beta testing completion over the end of 2023 and Winter 2024 and lead a course-based student team at Bates College in fall 2023 to assist (DCS/MATH 316 Preparation for in Industrial Careers in Mathematics)
- Facilitating development of the Train-the-Trainer sessions/curriculum to implement Summer 2024 and lead a course-based student team in Winter 2024 to assist (GSS/DCS 3xx The Future of Work at the Human-Technology Frontier);
- Fostering local connections to math, data and justice champions for the Nuevas Voces team;
- Active virtual participation on the project steering committee with the other committed partners and community leaders that will meet every other month for the duration of the project.

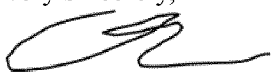
- Collaboration with Nuevas Voces team leads to convene, train and support a community-run VECINA Committee that will oversee content development (videos, photos, stories) curation and upload, administration and maintenance. Our plan is to meet at the Olneyville Resilience Hub, where we ultimately hope to house the tool, once potential needs are assessed and upgrades in place through the adjacent Resilience Hub development process.

As a fluent Spanish speaker and Latina from Rhode Island, and a recognized national equity and justice advocacy leader in STEM higher education with a decade of experience in bringing together communities around online tools, I am well prepared to work with Central Providence residents to bring this online hub into full fruition over the next three years. My aim is to work with the project partners, committees and community leads to put policies, practices and protocols in place so that resident concerns like storms, extreme heat and transportation hazards remain at the forefront of deployment, and also that the community is well prepared to use, run and sustain the site so that their voices and stories can be lifted and heard. Any resident will be able to share strengths and opportunities - "fuerzas" - they identify, risks and challenges they want their neighbors to be aware of, and showcase solutions they are implementing to improve prospects and conditions where they live.

The power and empowerment provided by these shared resources is immense, from better connecting residents to much needed services and circles of support, to providing an innovative "one stop shop" directly connecting interested parties from outside the neighborhoods with resident knowledge, concerns and voices.

I estimate that these activities supporting residents to become agents of change in and for their communities to accelerate community resilience and adaptation to climate change, will total $50,000 per year in in-kind staff and student time on the project. We appreciate the opportunity to work with these superstars where they live, collaborating to empower their visions, voices and resources for the local good.

Very sincerely,



Dr. Carrie Diaz Eaton, inquire.catapult.bates.edu
Associate Professor of Digital and Computational Studies, Bates College
Visiting Researcher, IMSI@UChicago Winter '23
Visiting Researcher, ICERM@Brown University '22 - '23
Director of Strategy and Advancement, RIOS Institute
MAA Leader and Chair of the Committee for Minority Participation in Mathematics
Editorial Board, PRIMUS and CourseSource

RESEARCH COLLABORATION WORKSHOP

Data & Information

Interdisciplinary and Critical Data Science Motivated by Social Justice

January 9 — February 3, 2023



Ongoing Projects



2023

Summaries of research undertaken at the Institute for Mathematics and Statistics Innovation

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Sponsors and Collaborators

AMS
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Creating connections.

IMSI
Institute for Mathematical and Statistical Innovation

QSIDE
Institute for the Quantitative Study of Inclusion, Diversity, and Equity

RIOS INSTITUTE
FOR A RACIALLY JUST, INCLUSIVE, AND OPEN STEM EDUCATION

NUEVAS VOCES



WOONASQUATUCKET RIVER WATERSHED COUNCIL

This winter research program is the result of the hard work and collaboration of multiple institutions and organizations. We thank our collaborators and sponsors.

NSF

Part of this research was performed while the authors were visiting the Institute for Mathematical and Statistical Innovation (IMSI), which is supported by the National Science Foundation (Grant No. DMS-1929348).

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Team: Diaz Eaton, Barreda, Hibdon, Petrovic, Piercey, Paniagua, Nuevas Voces,
Contact: Ex. 6 - Personal Privacy (PP)

Nuevas Voces

Partnerships with mathematics for community advocacy, data agency, and environmental justice

Overview: The Mathematics and Data Justice Collaborative (MDJC) and Nuevas Voces are collaborating to support the development of a community-driven, data-driven advocacy tool. This tool will empower community leaders in low-income neighborhoods of Providence, Rhode Island to effectively advocate for their communities, particularly in the context of climate change, and tell their stories to encourage investment in their neighborhoods.

Simultaneously, the process of working towards social justice centering community partners helps MDJC develop and support a more equitable and ethical community of mathematicians interested in computation, modeling, and data science research. We propose to use this community-based action research as a case-study to document how mathematicians can responsibly engage in social justice research.

Background: Nuevas Voces is a environmental justice leadership program sponsored by the Woonasquatucket River Watershed Council (WRWC). The Woonasquatucket River was once the most dioxin-contaminated waterway in the country. Nuevas Voces provides cohort support for leaders from one of the hardest hit and unserved communities in the watershed - Olneyville. This is a neighborhood with a primarily rental base(the rental community is 84% BIPOC), and as an illustration, Nuevas Voces meetings are held in Spanish. This is in contrast to the East Providence neighborhood which encapsulates Brown University, up on a hill, across the bay, and is 83% White. Nuevas Voces are the leadership team, literally the “new voices” in Providence we should be actively working with and supporting.

Members of the MDJC gathered in Providence this summer to gain momentum building a research network. While there, we were introduced to WRWC and members of Nuevas Voces. We asked “what case do you have to make over and over again to convince people your experience matters?” Their answer: there is a misnomer among those in Rhode Island that climate change is not a social justice issue, because it is a coastal flooding issue that only affects wealthy beach communities. However, some of the most severe flooding has been experienced along the Woonasquatucket Watershed in downtown Providence. This flooding is aggravated by increased frequency due to climate change and inadequate infrastructure investment. The experience of flooding impacts, however, needs the perceived legitimation of data for policy makers.

We are bringing together the community expertise of Nuevas Voces and the data and technology expertise of the MDJC to co-create a community-driven, data-driven advocacy tool.

Project: The Nuevas Voces data advocacy tool will be developed through a participatory design process that engages community leaders in the design and testing of the tool. This will ensure that the tool meets the needs of Nuevas Voces and is usable and accessible. In this participatory research, developing a plan to create a data tool with Nuevas Voces, there are expected questions related to climate change and advocacy that this tool should address, such as: How do I know if my apartment is at risk for flooding? Who is the representative for my district if I have questions?

The advocacy tool will be developed through a participatory design process that engages community leaders in the design and testing of the tool. This will ensure that the tool meets the needs of Nuevas Voces and is usable and accessible. In this participatory research, developing a plan to create a data tool with Nuevas Voces, there are expected questions related to climate change and advocacy that this tool should address, such as: How do I know if my apartment is at risk for flooding? Who is the representative for my district if I have questions?

During our time at IMSI, we have already identified clear needs that are not available with existing tools. For example, Nuevas Voces knows the interface needs to be mobile-friendly and bilingual. They want the opportunity to share stories, such as a video of flooding in their neighborhood. They want to know resources for immigration and healthcare. Instead of information about schools being limited to the address and phone number, we are including state testing information about math and English language proficiency with respect to emerging multilingual students and English-speaking only students.

We are not advocating for funding a proliferation of tools, but for an investment in understanding the process of adopting other open source data and tools, customization, usability, and user communities. The WRWC is currently seeking funding to support the continuation and expansion of Nuevas Voces programming to include a training and capacity-building component to ensure that community leaders have the skills and knowledge needed to use the tool effectively and communicate the impact of climate change on their communities.

"I want to create ways to get into the systems of power"

MARIA JOSÉ
NUEVAS VOCES CO-FACILITATOR

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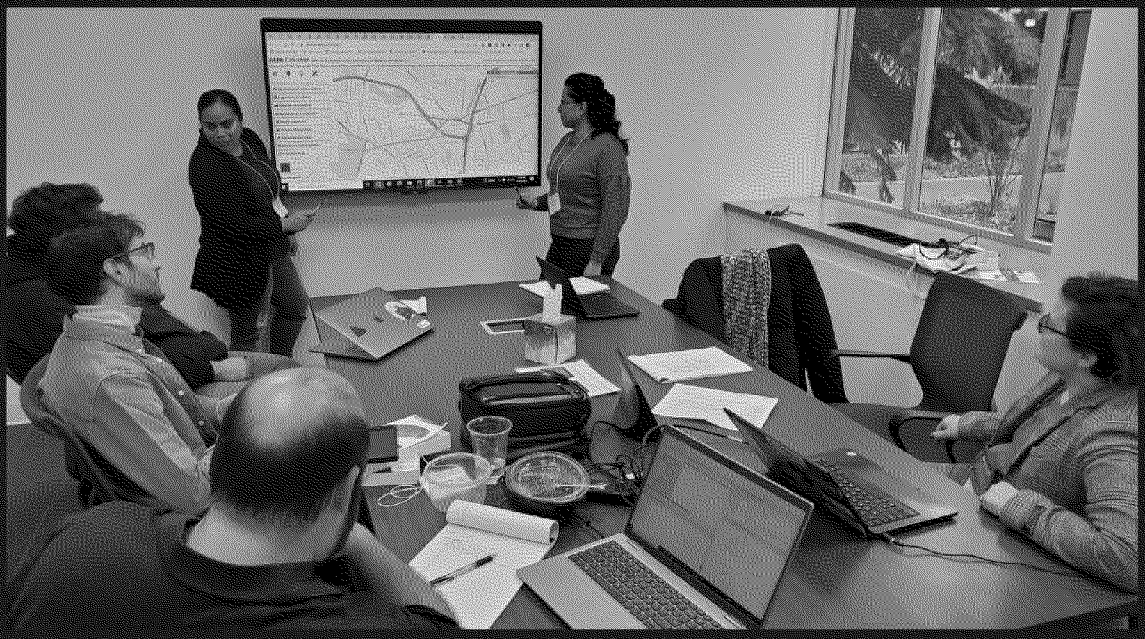
Research Impact

All tools will be freely available, continue to be open source (subject to the licensing requirements set forth by the authors), and available on GitHub. Any manuscripts will be posted to an archive server such as biorxv or arxiv and/or published Open Access. We will also consider other aspects of accessibility, such as mobile phone compliance, as well as open practices which respect data sovereignty and stewardship.

Overall our research goals are:

1. To explore how open source technological tools developed in one community context might be adapted to other community contexts;
2. To explore how community advocates want to leverage technological tools to both access the data they need and contribute the data they have collected; and
3. To illustrate how mathematicians can responsibly and ethically work with local underserved and underinvested communities to help them achieve their goals around environmental and social justice.



Social Impact

This project will have a significant impact on the ability of community leaders in low-income neighborhoods of Providence to advocate for their communities in the context of climate change and secure the resources and investments they need. By providing them with a data-driven advocacy tool and training, we will empower them to use data to tell their stories and make their voices heard in decision-making processes. This will lead to more effective advocacy, increased investment in low-income neighborhoods, and improved outcomes for residents, particularly in the context of climate change. Additionally, the project will provide community leaders with the tools and knowledge to improve the environment and access to safe recreation and education in their neighborhoods. Our hope is to enable Nuevas Voces and other communities to use data to legitimize their experiences and drive decision-making and advocacy.

WRWC

WOONASQUATUCKET RIVER
WATERSHED COUNCIL

Woonasquatucket River Watershed Council

WRWC believes watershed residents who live on the frontlines of the crises of ecology, economy, and democracy deserve to take a lead role in building justice and resilience in their neighborhoods. Frontline knowledge, voices, and decision making in planning and action are critical to effective and lasting change. Toward this end, WRWC houses and runs Nuevas Voces; an initiative led by staff and program graduates who are Spanish-speaking residents of impaired downriver neighborhoods.

The Initiative: Nuevas Voces is a program and a network that builds leadership and advocacy for environmental justice among the residents of Olneyville, Manton, and Hartford. These neighborhoods, near downtown Providence, RI, experience acute public health, stormwater, flooding, transportation, toxic exposure, and heat challenges. These challenges relate to climate change, the legacies of an industrial past, and segregation by design in city planning.

Nuevas Voces centers resident aspirations and concerns in co-governance with municipal and state agencies, and environmental coalitions and groups. Resident leaders work to ensure those most impacted have the greatest say in community development, resource allocation, and emergency preparedness at all levels, including in WRWC's work. Residents are compensated for their participation and on-going efforts, and provided additional supports such as childcare, Chromebooks, and hotspots to ensure even marginalized self-selected leaders can step up.

The Present: Nuevas Voces, now in its third year, consists of a 10-month resident-to-resident training and empowerment program delivered in Spanish, monthly community gatherings featuring guest speakers, and placement and on-going support for graduates in seats of advocacy and power. Participants now lead the program, sit on WRWC's board, and are compensated through WRWC to also sit on municipal and state agency commissions, committees, and boards. Examples of key placements include:

- Marisabel Ayala hired as Community Health Coordinator for Olneyville Neighborhood Association
- Elder González Trejo hired by SustainPVD the City of Providence's Sustainability Office
- Delia Rodriguez Masojan hired as Director of Family and Community Engagement for Providence Schools
- Yuselly Mendoza appointed to Policy Committee of Providence's Human Relations Commission
- Waleska Pinto appointed to Racial and Environmental Justice Committee's Olneyville Green Justice Zone Steering Team
- Miriam and Gloria Morales invited to serve on the Comité Directivo of Providence Tree Plan's Neighborhood Planting Program

The Future: Nuevas Voces is a successful springboard for expansion and replication. The following activities are already transitioning from planning to launch, pending sufficient funding:

1. Development of a community-driven data and advocacy tool in collaboration with The Mathematics and Data Justice Collaborative (MDJC). This tool will empower local leaders to advocate for their communities in the contexts of environmental and social justice. Residents can tell their stories to provide vital information to neighbors and encourage investment. Cohort members are excited to create videos in the languages most accessible to their neighbors and upload them to the site, which will also feature curated data streams made accessible to the people who need them most.
2. Scaling and formalizing collaborative program and community development in partnership with The Racial and Environmental Justice Committee (REJC) also targeting Providence's other Green Justice Zone, Lower South Providence. Lower South Providence is another transportation hotspot that is home to 95% BIPOC residents living along the city's toxic waterfront.
3. Bringing on a dedicated equity and outcome evaluation team to work with Nuevas Voces and the Green Justice Zones to design an evaluation process and present formative and summative findings in comprehensive reports. This is a critical next step to secure new and larger sources of funding.
4. Publishing our program frameworks, curricula, and evidence-based results, so others may replicate our programs and impact, while acknowledging WRWC and REJC as the sources of the model and methods. This creates a solid and possible fiscal foundation to sustain this partnership and work.

WRWC's mission is to create positive environmental, social, and economic change by revitalizing the Woonasquatucket River, its Greenway and its communities.

The Ask: WRWC is seeking funds in particular to support:

- Our collaborations with MDJC and REJC
- Full evaluation launch in collaboration with an equity evaluation consultant team
- On-going and/or sustaining funds for Nuevas Voces program and network expenses



Connecting to the Woonasquatucket River becomes routine, and yet another benefit of involvement in WRWC's work!

Lead: Bekah Greenwald
Contact: rgreenwald@wrwc.org
Website: https://wrwg.org/



EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Scott | Middle Name:
Last Name: Vlaun | Suffix:
Title: Executive Director
Complete Address:
Street1: Ex. 6 Personal Privacy (PP)
Street2:
City: Norway | State: ME: Maine
Zip / Postal Code: 04268 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: scott@ecologybasedeconomy.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Scott | Middle Name:
Last Name: Vlaun | Suffix:
Title: Executive Director
Complete Address:
Street1: Ex. 6 Personal Privacy (PP)
Street2:
City: Norway | State: ME: Maine
Zip / Postal Code: 04268 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: scott@ecologybasedeconomy.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Renee | Middle Name:
Last Name: Igo | Suffix:
Title: Communications and Project Coordinator
Complete Address:
Street1: Ex. 6 Personal Privacy (PP)
Street2:
City: Norway | State: ME: Maine
Zip / Postal Code: 04268 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: renee@ecologybasedeconomy.org

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: | First Name: Scott | Middle Name:

Last Name: Vlaun | Suffix:

Title: Executive Director

Complete Address:

Street1: Ex. 6 Personal Privacy (PP)

Street2:

City: Norway | State: ME: Maine

Zip / Postal Code: 04268 | Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**

E-mail Address: scott@ecologybasedeconomy.org

EPA Form 5700-54 (Rev 4-02)

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Center for an Ecology-Based Economy

Address: Ex. 6 Personal Privacy (PP)

City: Norway

State: ME: Maine Zip Code: 04268

B. Unique Entity Identifier (UEI): QHY3HS8G5VB8

C. Applicant/Recipient Point of Contact

Name: Scott Vlaun

Phone: Ex. 6 Personal Privacy (PP)

Email: scott@ecologybasedeconomy.org

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

None

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☐ Yes ☒ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

NA

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

NA

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Renee Igo	Executive Director	04/13/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/13/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Center for an Ecology-Based Economy

* b. Employer/Taxpayer Identification Number (EIN/TIN): 46-3113400

* c. UEI: QHY3HS8G5VB8

d. Address:

* Street1: Ex. 6 Personal Privacy (PP)
Street2:
* City: Norway
County/Parish:
* State: ME: Maine
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 042685920

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Scott
Middle Name:
* Last Name: Vlaun
Suffix:

Title: Executive Director

Organizational Affiliation:

* Telephone Number: Ex. 6 Personal Privacy (PP)
Fax Number:

* Email: scott@ecologybasedeconomy.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Increasing Community Resilience Across Municipalities, Schools, and Public Land through Education, Planning and Technical Assistance

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: ME-002 * b. Program/Project: ME-all

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 * b. End Date: 11/01/2025

18. Estimated Funding ($):

* a. Federal	150,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	150,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name: Scott

Middle Name:

* Last Name: Vlaun

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 Personal Privacy (PP) Fax Number:

* Email: scott@ecologybasedeconomy.org

* Signature of Authorized Representative: Renee Igo * Date Signed: 04/13/2023

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Center for an Ecology-Based Economy

1234-CEBE Narrative App.pdf
application/pdf
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Center for an Ecology-Based Economy
Ex. 6 Personal Privacy (PP)
Norway
ME: Maine
04268

QHY3HS8G5VB8
Scott Vlaun
Ex. 6 Personal Privacy (PP)
scott@ecologybasedeconomy.org
Executive Director
N: No
None
None
None
N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
N: No
Y: Yes
NA

NA
Renee Igo
Executive Director
2023-04-13

Scott
Vlaun

Executive Director
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ME: Maine
04268
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
scott@ecologybasedeconomy.org

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USA: UNITED STATES

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scott@ecologybasedeconomy.org

Renee
Igo

Communications and Project Coordinator
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ME: Maine
04268
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
renee@ecologybasedeconomy.org

Scott
Vlaun

Executive Director
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Norway
ME: Maine
04268
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)

scott@ecologybasedeconomy.org

1235-CEBE-Logic Model .pdf
application/pdf
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1236-CEBE 501c3 status.pdf
application/pdf
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1237-Itemized Budget Sheet - Sheet1.pdf
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1238-CEBE employee roster 23.pdf
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1239-CEBE Partner Support MSAD17.pdf
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1240-CEBE Partner Support OHSWCD.pdf
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1241-CEBE Partner Support WFLT.pdf
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1242-CEBE Partner Support Norway.pdf
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1243-Resume Tony Giambro.pdf
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1244-Resume Seal Rossignol.pdf
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1245-Resume Scott Vlaun.pdf
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1246-Resume Claire McGlinchey.pdf
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1247-Resume Renee Igo.pdf
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Application
New
2023-04-13
Center for an Ecology-Based Economy
46-3113400
QHY3HS8G5VB8
Ex. 6 Personal Privacy (PP)
Norway
ME: Maine
042685920
USA: UNITED STATES

Scott
Vlaun

Executive Director
Ex. 6 Personal Privacy (PP)
scott@ecologybasedeconomy.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Increasing Community Resilience Across Municipalities, Schools, and Public Land through Education, Planning and Technical Assistance
ME-002
ME-all
2023-11-01
2025-11-01
150000.00
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c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Scott
Vlaun

Executive Director
Ex. 6 Personal Privacy (PP)
scott@ecologybasedeconomy.org
Renee Igo
2023-04-13

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De minimis rate of 10%, totaling $15,000 over 2 yr

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Renee Igo
GRANT13860669

1.0 PROGRAM OBJECTIVES

a. Project Summary Page

Project Title: Frontline-led clean energy career program for BIPOC job seekers
Project Location: Bangor, ME 04401; Lewiston-Auburn, ME 04240; Portland metro area, ME 04101; Indian Island, ME 04468; Searsport, ME 04974

Applicant Information: Maine People's Resource Center (MPRC), 565 Congress Street #200, Portland, ME 04101, Ex. 6 - Personal Privacy (PP)

Brief Description of the Applicant Organization: MPRC is building a community of Maine people, from all different backgrounds, who believe that we can live in a world where everyone has what they need, everyone contributes what they can, and nobody is left behind. For the past 39 years, MPRC has provided policy research, leadership development, training, coalition-building and other tools to empower everyday people to transform their communities.

Are you applying for the Small CBO Set Aside Track for $150,000 projects? No

Project Abstract: In the most rural state in America, MPRC believes poverty and increasing racial diversity can become a catalyst—not an obstacle--to achieving a just transition. Hungry for good-paying jobs, Mainers from all walks of life—particularly low-income Mainers of color—could create the workforce necessary to catapult our region into its clean energy future. To that end, three years ago MPRC co-founded the Maine Frontline Climate Formation, which brings together union, tribal, and immigrant leaders to engage frontline communities – those impacted first and worst by climate change – to craft solutions like this clean energy career program for BIPOC job seekers. This proposal outlines a community-led program to invest in the workforce development necessary to reduce greenhouse gas emissions and other air pollutants through clean energy projects. This project has a vision to (1) provide clean energy career pathways for marginalized populations in underserved communities (2) develop the leadership and skills of EJ communities to impact clean energy projects and (3) thereby ameliorate economic and health disparities and reduce adverse climate impacts and build climate resilience. This squarely falls into the first project category of "Community-led air and other pollution monitoring, prevention, and remediation, and investments in low- and zero-emission and resilient technologies and related infrastructure and workforce development that help reduce greenhouse gas emissions and other air pollutants."

Project Type(s): clean energy job training

Special Considerations: Maine is the most rural state in the nation. Apart from Portland, Maine (population 68,313), all of the areas where our project plans to do work are rural by the EPA definition and deserve special consideration, particularly Indian Island, a reservation in a rural area.

Environmental Issues: green jobs, greenhouse gas emissions, air pollution, climate resilience

List of Project Partners: Community Organizing Alliance (CBO), Gateway Community Services (CBO), Maine Community Integration (CBO), Maine AFL-CIO (labor organization), Maine Labor Climate Council (labor organization), Maine Youth for Climate Justice (CBO) and Penobscot Nation (tribal govt)

Will you need to develop a QAPP for your project? No

b. Environmental and Public Health information of the Underserved Community:

Our project aims to provide clean energy workforce development to cohorts of primarily BIPOC job seekers hailing from Bangor, Lewiston-Auburn, the Penobscot reservation on Indian Island, Greater Portland, and Searsport, Maine in order to build the skilled workforce necessary to meet Maine's goal of achieving carbon neutrality by 2045. These geographies were selected due to the significant BIPOC population who are currently disadvantaged in the workforce development arena (by lack of education, language barriers, etc.) and simultaneously face disproportionate environmental and public health impacts and risks associated with climate change. With our project, we can leverage what could be seen as deficits (poverty and hunger for good jobs) into assets so that those affected first and worst by climate change are at the forefront of building the clean energy economy in Maine and protecting Maine's buildings and infrastructure, vulnerable ecosystems, iconic species, and public health.

Geographically, our project will serve many census tracts that are overburdened and underserved according to the Climate and Economic Justice Screening Tool. Those census tracts include 23019000900, 23019000200, and 23019000600 in Bangor; 23001020200, 23001020300, 23001020100, 23001020400, and 23001020500 in Lewiston; 23001010300, 23001010100, and 23001010500 in Auburn; 23005000300, 23005000600, 23005000500, 23005002300, and 23005002700 in Greater Portland; 23019940000 the home of the Penobscot Nation on Indian Island; and 23027042000, 23009965300, and 23027047000 covering Searsport, Bucksport, Swanville and nearby towns. All of these tracts are considered low income according to the Climate and Economic Justice Screening Tool, as defined by people in households where income is less than or equal to twice the federal poverty level, not including students enrolled in higher ed. Overall rates of unemployment and underemployment in these tracts are higher than the state average and even higher among communities of color residing in these tracts. Our project will provide essential job training and wrap around services like transportation and childcare to equip residents with the skills they need to succeed in good paying clean energy jobs. Through participation in our project, EJ communities will build community resilience to climate change both through wealth accumulation as well as through the acquisition of leadership and organizational skills.

On top of being economically disadvantaged, the communities who dwell in the above census tracts are disproportionately burdened by environmental harms and risks. Cumulative effects of climate change – like increased air surface temperatures and increased extreme weather events – will have significant negative impacts on the health and wellbeing, economy, and infrastructure in the EJ communities served by our project. Tract 23027047000 covering Swanville and surrounding towns is a rural tract with an expected agricultural loss rate in the 98th percentile, average energy costs in the 93rd percentile, share of asthma in the 92nd percentile, and projected flood risk in the 70th percentile. Tract 23027042000 covering Searsport and surrounding towns is a rural coastal tract with energy costs in the 90th percentile and transportation barriers in the 97th percentile. The Searsport terminal is one of the largest ports for importing fossil fuels into Maine and maritime Canada. Tract 23009965300 covering Bucksport and surrounding towns is a rural tract with energy costs in the 95th percentile and

projected flood risk at the 51st percentile. The three Bangor census tracts we are focused on (all rural by EPA's definition) all have asthma rates above the 93rd percentile; one has flood risk at the 78th percentile and another at the 80th percentile; one has an expected building loss rate at the 84th percentile and another has expected agricultural loss rate at 96th percentile; and two have energy cost rates above the 92nd percentile. The Indian Island census tract, our rural tribal tract, has a projected flood risk in the 79th percentile, energy costs at the 96th percentile, and asthma in the 99th percentile. Of the seven census tracts in Lewiston-Auburn where we plan to focus (all rural by EPA's definition), six have significant flood risk ranging from 77th to 92nd percentile; five of seven have asthma rates ranging from 89th to 98th percentile; and five of seven have significant proximity to hazardous waste ranging from 79th to 93rd percentiles. Of the five census tracts in Greater Portland (the only non-rural tracts), all have asthma rates in the 91st percentile and above, several have significant flood risk and/or significant diesel particulate matter, and several have proximity to hazardous waste facilities and/or risk management plan facilities.

The EJ census tracts in and adjacent to the Searsport and Bangor areas bear particular strategic significance to the project's overlapping goals and the broader aim of GHG emissions reduction. Two sites within Searsport have been identified as the finalist locations for developing a first-of-its-kind, purpose-built offshore wind marshaling and manufacturing hub that, when fully operational, could serve floating offshore wind projects up and down the entire eastern seaboard. Serious workforce development and community organizing will be needed to address strong currents of opposition to siting the port and to meet the enormous needs for skilled labor associated with the buildout and operation of the port.

Our project will reduce environmental harms and risks, including flooding, asthma, and exposure to diesel particulate matter, experienced disproportionately by the above EJ communities as our work contributes to an expansion of clean energy projects, providing the workforce necessary to meet Maine's climate goals. Furthermore, as the workforce we train from the EJ communities attain good jobs and build wealth, the communities will have more resources and capacity to adapt to climate impacts that cannot be avoided.

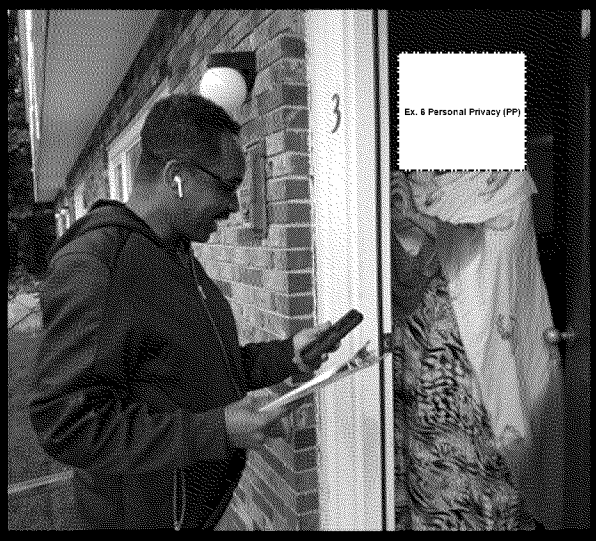
This project focuses on BIPOC communities in Maine, and a majority of BIPOC Mainers live in the census tracts described above. Maine's median personal income is the lowest among New England states; from 2016-2020, the average incomes of BIPOC (Black, Indigenous, People of Color) and Latino or Hispanic Mainers remained 33% below white Mainers, dramatically short of full equity. BIPOC Mainers experience homelessness at a greater rate than those who are white (Black Mainers, for example, represent 19% of the homeless population in Maine, while only consisting of 1% of the state's total population).

The depth of these disparities, and their negative impacts on health, was evident with the onset of the pandemic in 2020, during which Maine experienced the largest disparity in COVID-19 cases in the nation. The percentage of BIPOC people in Maine who tested positive was 20 times the case rate for white people. Around the same time, a new Permanent Commission on the Status of Racial, Indigenous and Maine Tribal Populations began work to grapple with these

disparities and their impacts and to advise the legislature on policy interventions. Despite recent recognition of the scale of the problem, we have far to go in ending economic disparities for BIPOC people in Maine; for example, in the fourth quarter of 2022, the unemployment rate for Black Mainers was 6.2% (compared to 3.5% for white Mainers). The workforce investments that are part of this project can be a core part of a larger effort to address the structural drivers of these disparities in the state.

c. Organization's Historical Connection to Underserved Community: MPRC's mission for nearly four decades has been to empower Mainers impacted by injustice to lead efforts for change. Our offices are located in Bangor, Lewiston, and Portland, where we have a significant grassroots membership base, with a total of over 32,000 members statewide. We are engaging everyday people in Maine communities every single day. MPRC knocks doors every evening, holds 4-6 community events each month, and brings together community leaders from our various projects twice annually to learn together and plan for future MPRC programs. MPRC's leadership development curriculum is designed to help people from marginalized communities understand the unique power of their perspectives and stories, and to give them the tools to be effective advocates for their community's interests in local and statewide policy-making. MPRC's members have served as leaders in successful local and statewide efforts to expand health care access, reduce toxics use, create affordable housing, and increase the minimum wage.

MPRC Community Organizer Mohamed Ibrahim knocking doors in Lewiston, Maine



Through work on immigrant rights over the past decade, MPRC has built deep ties to Maine growing immigrant communities. MPRC's affordable housing and workforce policy campaigns have provided opportunities each year to grow the base of low-income volunteers who are providing leadership to the direction of our economic justice projects. A longtime ally of Maine's tribal nations, MPRC has worked fervently in recent years to support their efforts for the state of Maine to recognize their sovereignty. This EJCPS project is an extension of MPRC's long-term commitment to building the power of marginalized populations in Maine's economy and democracy.

In 2020, Rachel Ackoff from MPRC, Matt Schlobohm, the director of the Maine AFL-CIO, and Penobscot Nation Ambassador Maulian Dana, founded the Maine Frontline Climate Formation. Each project partner in the EJCPS proposal serves on the seven-member steering committee. The formation brings together impacted communities to listen, learn, and act together to achieve solutions for the intertwining crises of climate change, economic inequality, and racial injustice. Frontline communities are those impacted first and worst by climate change: tribes,

people of color, low-income Mainers, immigrants, youth, and workers including those in organized labor. Over the past three years, we have had success building equity and EJ considerations into clean energy workforce development and labor standards in Maine by engaging EJ communities in the policy-making process that led to LD 1969, "An Act Concerning Equity in Renewable Energy Projects and Workforce Development." This EJCPS project proposal represents the vision of those frontline communities whose leaders were directly involved in developing the current project plan and who make the formal decisions guiding the project through their seats on the Maine Frontline Climate Formation steering committee.

d. EJCPS Model

1. Issue identification, community vision, and strategic goal setting:

As organizations with deep ties to and constituencies in EJ communities, project partners named in this grant application have collaboratively strategized, envisioned, and begun acting towards a shared definition of climate challenges and solutions that are driven by working people and EJ community members. They have identified two intertwined opportunities and challenges: On the one hand, they see an explosion of clean energy projects – including solar, wind, and offshore wind and their associated infrastructure such as ports. These projects promise not only clean energy, but also vital economic development. On the other hand, frontline communities have limited capacity to meaningfully shape planning and permitting processes, unintentionally creating understandable (albeit avoidable) opposition to clean energy projects. Further, even when members of EJ communities *are* employed on local clean energy projects, there are often few provisions to ensure high job quality (robust training, safety standards, wages, benefits, and dignity). The Inflation Reduction Act's clean energy incentives – and particularly its incentives for development in EJ communities – has intensified both of these contradictory dynamics, raising the stakes for us to enact solutions at scale.

Workforce navigators assisted the over 60 BIPOC job seekers who attended our first Clean Energy Career Fair in March 2023



2. Community capacity-building and leadership development:

Some of the work is underway, while the rest will be accomplished throughout the grant period. Work already in progress includes three elements. First, the Maine Labor Climate Council conducted education and coalition-building among its affiliate unions – particularly in the building trades – to bring EJ community members into apprenticeship and pre-apprenticeship programs. Second, Maine Labor Climate Council unions have educated EJ

community organizations on clean energy union careers, and the financial and training resources available to support access to and success in these pathways. Third, partners hosted an inaugural clean energy career fair in early 2023, aimed at EJ community members. Over the course of this grant, future capacity-building will entail: (1) hosting public forums in accessible locations to educate EJ community members on upcoming projects and solicit their preferences on siting, operation, and community benefits (like local hiring); (2) training EJ community residents to act as spokespeople and deliver testimony in clean energy planning processes, like municipal planning board proceedings; (3) providing meeting notice and transportation to enable greater participation from EJ community members in formal project proceedings; and (4) training EJ community members to participate in negotiations with project developers (see Task 2.4 below).

3. Consensus building and dispute resolution:

In the last year, project partners have built strong consensus around (1) collaborating with Maine labor organizations to identify, recruit, and train members of EJ communities for clean energy careers, and (2) increasing EJ community capacity to influence clean energy projects' siting/permitting process to maximize benefits for EJ communities, overcome opposition to projects, and supply the clean energy sector with a highly skilled workforce. Partners have built a significant amount of cross-sector trust. They expect future work to continue deepening this trust. To realize the potential of these twin goals, however, consensus and some level of formal partnership must be built with developers of clean energy projects. Following from some of the capacity-building activities described in Step 2 above, project partners will facilitate the negotiation of Community Benefit Agreements (CBAs) and/or Community Workforce Agreements (CWAs) – which will ultimately be signed by project developers and EJ community groups – to codify and provide accountability for following through with negotiated commitments. CBAs and CWAs typically contain escalating provisions for dispute resolution, from informal mediation to binding arbitration in cases where greater accountability is required.

4. Multi-stakeholder partnerships and leveraging of resources:

Parallel, deep planning processes have led to the formation of the Maine Frontline Climate Formation and the Maine Labor Climate Council and the problem definition and vision articulated in the first two steps of the EJCPS (above). In addition to strategic planning, both coalitions have created governance structures to formalize membership, decision making, and other processes critical to effectively pursuing coalition work. Similar though less structured planning conversions have been had with the AFL-CIO, the Maine State Building and Construction Trades Council, and non-labor organizations who promote equity issues and who bring a tremendous amount of assets to the overall clean energy workforce development ecosystem. The assessment and action-planning activities named in this grant (below), coupled with the negotiation of CBAs and CWAs with developers of clean energy projects, will provide the requisite structure for leveraging resources and formalizing partnerships. Providing support in the form of wraparound services to EJ community members entering registered pre-

apprenticeship and apprenticeship programs – described below in Task 1.3 of the project activities – will leverage the State of Maine's existing Competitive Skills Scholarship Program, which provides up to $6,000 per year in grants to low-income individuals entering high-need occupations including all of those tied to clean energy development. Perhaps most significantly, this project leverages the already existing pre-apprenticeship and apprenticeship infrastructure – e.g., training programs and curricula, training facilities, relationships with contractors and project developers – of the affiliate unions of MLCC and the Maine State Building and Construction Trades Council. Registered apprenticeship programs provide an earn-while-you-learn pathway into high-quality careers in the trades through a structured, multi-year curriculum of classroom and on-the-job-learning supervised by experienced journey-workers. Registered pre-apprenticeship programs provide broad-based exposure and guaranteed placement into registered apprenticeship programs for populations historically or currently underrepresented in the trades, including members of EJ communities. Both apprenticeship and pre-apprenticeship programs are critical to producing a highly skilled renewable energy workforce at scale, and both will be leveraged for this project. We recognize that our project requires leveraging a variety of sources — existing and new, private and public, local, state, and federal funds – and we are poised to leverage all of those.

5. Constructive engagement by relevant stakeholders:

From municipal and county governments, partners anticipate building relationships and engaging their technical assistance with clean energy project siting and planning, including zoning laws and potential tax incentives where applicable, as well as engaging planning boards and city/town councils early in the process. In communities where significant opposition is anticipated for clean energy infrastructure (e.g., building out an offshore wind port), partners plan to educate and build alliances with supportive local business and other civil society organizations (e.g., Rotary clubs) who may carry considerable sway within the community and see economic benefits from a completed project. State government has a significant role to play in both project permitting and enforcement of labor and environmental laws, and partners expect to work closely with relevant state agencies as projects progress, leaning on them to enforce negotiated CBAs and/or CWAs.

6. Sound management and implementation:

Partner organizations involved in this proposal have a solid track record of developing and achieving ambitious strategic plans, and implementing them with work plans that create a coherent framework between goals, intermediate benchmarks, short-term actions, and a clear division of labor. For the proposed work, partners anticipate creating a shared work plan that flows from the goals, tasks, and timeline laid out below. The milestones described below have been designed to allow multiple, intermediate opportunities to both realize and celebrate successes, while creating space for formative evaluation, reflection, and adaptation.

7. Evaluation, lessons learned, and replication of best practices:

In addition to the holistic workforce development landscape assessment described in Task 1.5 below, partners plan on holding monthly project team meetings to discuss progress, plan for future tasks, and debrief past events. Tracking key metrics, described below in the logic model, along with qualitative assessments of progress and barriers to our goals, will be critical. Examples of the former include tracking EJ community member attendance at clean energy career fairs, enrollment in pre-apprenticeship or apprenticeship programs, graduation from those programs, and placements as journey workers. Examples include a holistic, qualitative assessment of where, why and how EJ community members succeed or encounter barriers to success throughout this trajectory, and utilization of these lessons-learned by growing, strengthening, and/or making changes to particular parts of the workforce development ecosystem.

e. Project Linkages:

This project clearly supports the EPA Strategic Plan Goal 2 of taking decision action to advance environmental justice and civil rights. The project accomplishes Objective 2.1 promoting EJ and civil rights at the tribal, state and local levels through work to ensure the benefits of economic growth in Maine's clean energy sector are equitably shared by underserved communities -- simultaneously (1) reducing environmental harms and risks to EJ communities through GHG and air pollution reductions and (2) building climate resilience through BIPOC wealth accumulation and training and leadership development of EJ community members. The project also meets the goal of "ensuring communities have the capacity they need to meaningfully engage government programs" through activities like engaging EJ community members with local planning processes around clean energy projects.

f. Partner and Collaboration:

Three years ago, MPRC co-founded the Maine Frontline Climate Formation, which brings together union, tribal, and immigrant leaders to engage frontline communities – those impacted first and worst by climate change – to craft solutions like this clean energy career program for BIPOC job seekers.

Community Organizing Alliance (COA) is a BIPOC-led CBO. COA will leverage their existing relationships with their BIPOC and low-income members to engage BIPOC job seekers in our frontline-led clean energy career program. One of the biggest challenges facing their members is the lack of employment for youth and people of color, especially immigrants and refugees. COA will also play a key role in our assessment of barriers facing BIPOC job seekers in the clean energy field in Maine and will contribute to an action plan to address them.

Gateway Community Services of Maine is a BIPOC-led CBO. Gateway will leverage their existing relationships to engage BIPOC job seekers in our frontline-led clean energy career program. Gateway's peer workforce navigator, Au-Lionne N. Agatako, originally from Kigali-Rwanda, understands how hard it can be for people, especially vulnerable populations, to secure good jobs. The frontline-led clean energy program will be a key way Gateway can

connect community members to good, quality jobs and education and training opportunities to promote career advancement and economic security. Gateway will also play a key role in our assessment of barriers facing BIPOC job seekers in the clean energy field in Maine and will contribute to an action plan to address them.

Maine Community Integration (MCI) is a BIPOC-led CBO. MCI will leverage their existing relationships to engage BIPOC job seekers in our frontline-led clean energy career program. MCI serves immigrants and refugees, many of whom have been driven from their homes by climate change. The immigrants and refugees MCI serves are seeking careers in their new home and many are inspired to tackle the climate crisis while making a livelihood. MCI will also play a key role in our assessment of barriers facing BIPOC job seekers in the clean energy field in Maine and will contribute to an action plan to address them.

The Maine AFL-CIO is the state's largest union organization representing the interests of some 180 labor organizations with more than 40,000 members. The surge of recent investment in solar and wind power and energy-efficient building construction has created a huge demand for skilled workers, and the members of the Maine AFL-CIO including Maine's Building Trades Unions are eager to train and hire new members. The Maine AFL-CIO's Apprenticeship, Workforce & Equity Director, Sam Boss, works in partnership with the Maine Building and Construction Trades Council and others to coordinate an equity focused pre-apprenticeship program. The frontline-led clean energy career fairs will directly feed into that program. The Maine AFL-CIO will also play a key role in implementing the recommendations in the action plan to address barriers facing BIPOC job seekers in the clean energy field in Maine.

Maine Labor Climate Council (MLCC) is a growing coalition of public and private sector labor unions working together to address the twin crises of climate change and broader inequality. MLCC staff plan to play a key role liaising with frontline community leaders and residents, labor organizations, and developers of clean energy projects. This will ensure meaningful participation of frontline communities in clean energy project siting/planning, and maximize project benefits for frontline communities–including employment. The MLCC will also play a key role in implementing the recommendations in the action plan to address barriers facing BIPOC job seekers in the clean energy field in Maine. MPRC is the fiscal sponsor of MLCC.

Penobscot Nation is a tribal government that has inhabited its ancestral homeland situated within the drainage area of the Penobscot River since time immemorial. The Penobscot Nation's Department of Education and Career Services can connect indigenous job seekers from amongst its 2,398 citizens, primarily residing on Indian Island, to the frontline-led clean energy career program. Penobscot citizens desire pathways to clean energy careers with family-sustaining wages and dignity in the workplace. Penobscot Nation will also play a key role in our assessment of barriers facing indigenous job seekers in the clean energy field in Maine and will contribute to an action plan to address them.

MPRC plans to make subawards to COA, Gateway, MCI, Maine AFL-CIO, and MLCC under this grant. These subawards will go towards personnel expenses to provide the necessary staff time to accomplish the project goals. The subawards will not be spent on participant support costs as outlined in EPA guidance.

MPRC has partnered with each of these partner organizations for three years in the Maine Frontline Climate Formation, where MPRC leads joint fundraising to ensure sustainable partnerships. Far beyond the length of this grant, there are plans for these groups to continue listening, learning, and acting together to solve the intertwining crises of climate change, economic inequality, and racial injustice.

2.0 Project Activities / Milestone Schedule / Detailed Budget Narrative

a. Project Activities

Goal 1: Pilot, assess, and make plans to scale a clean energy career program designed to identify, recruit, and place members of environmental justice communities into unionized clean energy career pathways -- specifically via union Registered Pre-apprenticeship and Registered Apprenticeship programs -- and support these individuals to thrive all along the way.

Task 1.1 Planning and implementing career fairs. Plan and organize 12 career fairs designed to expose members of EJ communities to union pre-apprentice and apprenticeship programs in unions that have substantial market share in clean energy sectors. Target demographics within EJ communities are those who are currently underrepresented in clean energy careers, including Black, Indigenous, and People of Color, and women. Union affiliates who work in clean energy sectors and who have Registered Apprenticeship programs include the Seafarers International Union and the twenty affiliates of the Maine State Building and Construction Trades Council, who also run the Union Construction Academy Registered Pre-apprenticeship program that places graduates into Registered Apprenticeship programs. Fairs will be conducted once per quarter over the duration of the grant period, with an attendance goal of 50-60 individuals per fair, and timed to coincide with the application process for participating apprenticeship and pre-apprenticeship programs. Fairs will be held at facilities operated by supporting community partners in Auburn/Lewiston, Bangor/Indian Island, greater Portland, and the Searsport area.

Task 1.2 Following through and ensuring participant placement. One-on-one follow-up with career fair attendees will be done to ensure participants can successfully navigate the application and placement process, whether they are pursuing the pre-apprenticeship route or going straight into an apprenticeship program.

Task 1.3 Helping participants access wraparound services. Several state and non-state programs exist to provide need-based financial and other wraparound services (e.g., childcare, transportation, learning materials, etc.) to individuals pursuing training in high-demand fields

such as clean energy. These include the Fund for Frontline Power's grant money to the Frontline Climate Coalition, the State of Maine's Competitive Skills Scholarship Program, and General Assistance. However, without help identifying these programs and navigating their application processes, these resources can be overlooked and underutilized, potentially placing barriers in the way of EJ community members succeeding in pre-apprenticeship and apprenticeship programs. In partnership with Peer Workforce Navigators, who are employed by Gateway Community Services Maine and the Maine AFL-CIO, we will maximize the amount of resources career fair attendees are able to access.
Milestone 1: First career fair completed, first cohort of career fair attendees placed into a registered pre-apprenticeship or apprenticeship program, and attendees who need them are successfully connected to support resources and/or wraparound services.

Task 1.4 Ensuring EJ participants' success in pre-apprenticeship and apprenticeship programs. Although a large body of data show that union careers broadly – and in the clean energy sector specifically – provide by far one of the most successful ways to close the gender and racial wealth gaps and ensure physical safety and dignity on the job, numerous barriers exist that can hinder the ability of individuals in EJ communities to complete Registered Apprenticeship programs and access these high-quality careers. Registered Pre-apprenticeship programs are specifically designed to help overcome some of these barriers (e.g., providing soft skills, entry-level certifications such as OSHA-10, and guaranteed placement), and accessing wraparound services additionally helps. However, based on prior experience with other known barriers, partners associated with this grant application will collaborate with Registered Apprenticeship programs and relevant State of Maine licensing entities (e.g., Maine Electricians Licencing Board) to provide language interpretation for English Language Learners, and translation assistance on any written tests.

Task 1.5 Workforce development landscape assessment. Near the end of Year 1 of the grant, the Frontline Climate Coalition will convene all project partners – including leadership from the Maine AFL-CIO, the Maine State Building and Construction Trades Council, Peer Workforce Navigators, Maine Labor Climate Council, and participating community partner organizations – for a full-day workshop to conduct a formative assessment of the clean energy career fair program, alongside an assessment of broader clean energy workforce development landscape. The core goals of the workshop will be to create an action plan for sustaining the work, consolidating strengths, addressing weaknesses, and covering gaps. For example, participants will rigorously explore where workforce development bottlenecks exist across the full arc of EJ community members' trajectory into and through careers, from initial program recruitment, capacity in pre-apprenticeship/apprenticeship programs, capacity of training facilities, journey worker ratios, and all the way through the number and reliability of job placements.
Milestone 2: Landscape assessment completed; EJ community workforce development strengths, weaknesses, opportunities, and gaps identified, and an action plan created. Completion of first four clean energy career fairs.

Task 1.6 Refinement and expansion. Following the assessment described in Task 1.6, project partners will revise and refine the clean energy career fair model, and expand it to additional EJ

communities in other geographies within our state, including Maine's federally recognized Tribes. Communities will include Bangor, ME 04401; Lewiston-Auburn, ME 04240; Portland metro area, ME 04101; Indian Island, ME 04468; and Searsport, ME 04974. We intend to hold one fair per quarter in conjunction for the recruitment period for cohorts entering the Union Construction Academy of Maine pre-apprenticeship program.

Task 1.7 Implementation of state-level policy supporting clean energy labor and equity provisions. Several pieces of legislation, such as LD 1969, "An Act Concerning Equity in Renewable Energy Projects and Workforce Development," have recently passed or are currently being considered by the Maine Legislature to build equity and EJ considerations into clean energy workforce development and labor standards. All legislation that is enacted into law must go through a public rule-making process before it can fully take effect. Rule-making can be a consequential process when it comes to day-to-day implementation and the overall impact of the legislation. Partners named in this proposal will work together to leverage our organizational capacities in any rule-making processes, both with respect to the substantive policy issues at play and with respect to supporting the involvement of EJ community members in the proceedings (e.g., providing training and travel assistance to enable testimony from EJ community members in a rule-making proceeding). Engaging in rule-making is *not* lobbying and is a permissible 501(c)3 activity.
Milestone 3: Rule-making finalized for previously passed legislation.
Milestone 4: Completion of second set of four clean energy fairs.
Milestone 6: Completion of third set of four clean energy fairs.

Goal 2: Add critical organizing capacity in environmental justice communities to maximize the clean energy and economic benefits they derive from clean energy projects.

Task 2.1 Hire a field organizer. Maine Labor Climate Council will hire a field organizer to work as a convener and liaison between civil society stakeholder groups and leadership of environmental justice communities, labor organizations and their (pre)apprenticeship programs, and developers of clean energy and energy efficiency projects sited in environmental justice communities.

Task 2.2 *Identify priority renewable energy projects in EJ communities early in the planning process*. Use existing state databases and permitting processes to identify early-stage clean energy projects planned for EJ communities on which members of EJ communities – including those attending clean energy career fairs and registered apprenticeship and pre-apprenticeship programs – could be employed.

Task 2.3 Identify clean energy project priorities from EJ community stakeholders. The organizer will provide additional capacity to increase community and labor participation in project planning, siting, and for identifying consensus-based community goals and benefits from projects, such as the hiring of local residents and investment that supports their participation in registered apprenticeship and pre-apprenticeship training programs. Specific added capacity for participation will include but not be limited to: (1) hosting public forums in accessible locations

to educate EJ community members on upcoming projects and solicit their preferences on siting, operation, and community benefits such as local hire; (2) training EJ community residents to act as informed community spokespeople and deliver testimony in formal clean energy planning processes, such as municipal planning board proceedings; (3) providing meeting notice and transportation (where appropriate) to enable greater participation from EJ community members in formal project proceedings; and (4) training EJ community members to participate in negotiations with project developers (see Task 2.4 below).

Task 2.4 Obtain commitments from project developers. To ensure community needs and priorities are realized, the Field Organizer will liaise with EJ community and labor organizations to provide critical capacity for negotiating and securing binding commitments from project developers in the form of community benefit and/or community workforce agreements.

Task 2.5 Build grassroots community support for projects. Following the successful negotiation of community agreements, the Field Organizer will mobilize grassroots support for the clean energy project(s) among the leadership and constituencies of EJ stakeholder communities. Grassroots mobilization may take the form of door-to-door canvassing, coordinated and supportive public comment in front of local or state permitting bodies, and other actions critical to clean energy projects actually getting built.

Milestone 5: Community benefits agreement or community workforce agreement completed and signed by all parties; project receives its final permits, including local approvals, and breaks ground.

Task 2.6 Provide accountability to ensure commitments are kept. Once projects break ground, the Field Organizer will continue to act as a liaison between EJ community stakeholder groups, labor organizations conducting project work, and project developers and contractors overseeing the clean energy project to provide public accountability for the latter following through on their community benefit and/or community workforce commitments.
Milestone 6: EJ community members are trained, hired onto local clean energy projects, and projects are completed.

b. Milestone Schedule
see next page

Table xx. Gantt Chart for the Project Timeline.

	Year 1												Year 2											
Month:	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
Goal 1																								
Task 1.1																								
Task 1.2																								
Task 1.3																								
Milestone 1																								
Task 1.4																								
Task 1.5																								
Task 1.6																								
Task 1.7																								
Milestone 2																								
Milestone 3																								
Milestone 4																								
Goal 2																								
Task 2.1																								
Task 2.2																								
Task 2.3																								
Task 2.4																								
Task 2.5																								
Milestone 5																								
Task 2.6																								

	Year 3											
Month:	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
Goal 1												
Milestone 6												
Goal 2												
Task 2.2												
Task 2.3												
Task 2.4												
Task 2.5												
Milestone 5												
Task 2.6												
Milestone 5												

c. Itemized Budget Sheet / Budget Narrative

See Attached Budget and Budget Justification

2.0 Environmental Results – Outputs, Outcomes, an Performance Measures (Logic Model)

a. Environmental Results (Logic Model)

See Attachment

b. Performance Measurement Plan

Program partners will meet monthly to report on progress and plan for upcoming project activities. Twice annually, we will organize longer in-person evaluation meetings, which will be preceded by circulation of a survey for program partners to summarize progress, successes, challenges, learnings and adaptations; individual responses will be compiled to inform areas of focus for ensuring project success. Partners will also survey all job-seekers involved in program activities to share their experiences with the program and suggest areas for improvement. Metrics to measure success will include an assessment of to what degree the project is meeting goals for:

- Percentages of job fair participants successfully applying for apprenticeship and pre-apprenticeship programs
- Number of individuals who successfully complete apprenticeship and pre-apprenticeship programs, and secure actual job placements
- Number of EJ community members engaged in local clean energy planning processes
- Number of EJ community members trained to participate in negotiations with project developers, and the strength of CBAs and CWAs that result
- Increasing the percentage of clean energy jobs held by EJ community members statewide
- Number of staff and EJ community members engaging in rule-making processes to implement clean energy and workforce development legislation that have EJ and equity provisions
- Dedicating project staff time in a way that effectively builds the capacity in partner organizations to sustain the work beyond the grant period

c. Sustainability Plan and Environmental Justice Integration

Once partners demonstrate project success, we will have a strong case to make to other funders. The Maine People's Resource Center Co-Directors have decades of experience in private foundation fundraising at MPRC, and MPRC has raised over $35 million in private foundation grants since its founding. Partners have a demonstrated history of securing funds for registered apprenticeship programs through the state budget process. Partners also have strong ties to the Permanent Commission on the Status of Racial, Indigenous and Maine Tribal Populations, and the Maine Climate Council, who could each recommend this use of state resources. Project labor agreements (PLAs), community benefit agreements (CBAs), and community workforce agreements (CWAs) are also proven mechanisms to secure on-going financial resources from project developers for registered apprenticeship and pre-apprenticeship programs. Finally, as partners successfully grow union market share and develop a proven track record of negotiating strong PLAs, CBAs, and CWAs, we expect these developer

investments to become an industry standard, not just in Maine, but nationwide. We recognize that our project requires leveraging a variety of sources — existing and new, private and public, local, state, and federal funds, and we intend to leverage all of those for maximum impact.

Beyond financial sustainability, our project will provide the knowledge, training, and leadership development to equip grassroots EJ leaders to continue the work on these issues. Our engagement with rule-making processes to ensure strong equity provisions in policies and programs that govern the clean energy economy in Maine will further solidify this work in Maine. And the commitments we will obtain from project developers will ensure the long-term success of this work beyond the grant period.

The project will further integrate environmental justice principles in government operations in Maine. Implementing these clean energy job training programs in underserved communities, under the leadership of the Maine labor community, will ensure that environmental justice concerns are integrated into ongoing job training programs. The proliferation of CBAs and CWAs with clean energy developers in Maine will further integrate environmental justice principles in hiring and training in the clean energy sector and will serve as a replicable model. Policies and regulations at the state level will further cement environmental justice principles in state and local rules governing the clean energy economy.

4.0 Programmatic Capability

a. Organizational Experience

For nearly 40 years, MPRC has worked with people from marginalized populations to develop their leadership and increase their agency in shaping systemic solutions to the injustices they face. Since MPRC's founding, it has worked with thousands of people of low income and BIPOC Mainers, from over 100 Maine towns, in both rural communities and urban centers. MPRC's community organizing program (led by seven full-time staff) works with people from vulnerable populations to understand their personal circumstances in the context of structural/societal failures, and to learn the skills to effectively advocate for changes in local, state and deferral policy. MPRC conducts regular training for community leaders to learn the drivers of inequity, and the specific policy levers for advancing racial equity. MPRC excels at bringing people together across lines of class and race to identify shared challenges and build solidarity around finding solutions. It evaluates its programs by the degree to which they build the power of marginalized populations to lead and win similar efforts in the future. In the past seven years, its largest programs engaged: low-wage workers in leading efforts for minimum wage reform and paid time off, homecare providers in advocating for improved access in-home care, Medicaid recipients in making the case for accepting federal funds to expand Maine's Medicaid program, and local residents with health impacts from mercury pollution in leading an effort to hold the polluter accountable. MPRC doesn't believe in advocating *for* the interests of vulnerable populations; instead, it works *with* people to become advocates in their own right.

b. Staff Experience / Qualifications of Project Manager (PM)

Rachel Ackoff has been MPRC Campaigns Director for five years. She co-founded the Maine Frontline Climate Formation, alongside the tribes and the unions, and her relationships with the individuals who serve on the steering committee continue to serve as a connective tissue for the formation. In her role at MPRC, Rachel focuses on coalition-building, project management, and strategic campaign planning. She has spent the past 15 years working for national, state, and local non-profit organizations. Rachel earned masters degrees in Nonprofit Management and Jewish Studies at New York University as a Wexner Fellow, Truman Scholar, and Lisa Goldberg Fellow. She earned a bachelor's degree in Political Science from Swarthmore College as a McCabe Scholar and Udall Scholar. Rachel first got involved with environmental justice as a high school student concerned about a carcinogen leaking into local drinking water, and her high school self would be very proud of the work she gets to do today.

Jennie Pirkl, MPRC Special Projects Coordinator, has worked with MPRC for thirteen years. With a Master's Degree in Social Work, Jennie worked for many years as MPRC's Organizing Director, supervising our community organizing team and providing leadership to MPRC's community engagement and leadership development programs. In 2018, Jennie received a national "Health Advocate of the Year" award from Families USA for her work empowering Medicaid recipients to provide leadership in the expansion of Medicaid coverage in Maine. As Special Projects Coordinator, Jennie now oversees the implementation of MPRC's grant-funded projects, helping to track project deliverables, budgets and data.

Mohamed Ibrahim has worked as a community organizer with Maine People's Resource Center since 2016, after several years serving as an MPRC volunteer community leader in the Lewiston/Auburn region. He came to America from Djibouti in 2012, and has spent the last decade working with members of Maine's immigrant communities on efforts for integration and empowerment. He speaks four languages and has strong relationships with immigrant leaders, especially in Androscoggin and Cumberland counties. His success in building relationships with immigrant leaders in Maine positions him well to recruit job seekers of color and immigrants to registered apprenticeships and union jobs in the green economy in Maine.

Sam Boss is an experienced educator and organizer who is committed to building partnerships that advance social and environmental justice. He joined the Maine AFL-CIO as the Apprenticeship and Workforce Equity Director in January of 2023, and in this capacity he is coordinating the Union Construction Academy pre-apprenticeship program, which provides hands-on training and multiple certifications that will help BIPOC individuals, women, formerly incarcerated individuals, people from rural areas, and other underrepresented groups as they enter Union jobs in building and construction. Before joining the Maine AFL-CIO, Sam spent fifteen years working in higher education. He served as the Associate Director of Community-Engaged Research and Learning at Bates College, co-creating projects that support student learning while addressing community-identified needs. He was also a lecturer at both Bates College and Brown University, where he earned his PhD in history in 2015. Sam serves as the Chair of the Auburn Conservation Commission and is also active with the Lewiston-Auburn Community Forest Board.

c. Expenditure of Awarded Grant Funds

Maine People's Resource Center has extensive experience managing grant spending. It uses QuickBooks to manage income and expenditures. The Bangor Savings Bank assists it with payroll. It contracts with an accountant at The Bottom Line who supports both budgeting and expenditures. The accountant and co-directors review both organizational and major project budgets on a bi-weekly and monthly basis. The co-directors approve all outgoing expenses, and credit card purchases require pre-approval. MPRC will use the timeline in the work plan to help ensure that we expend the funds in a timely manner.

5.0 Past Performance

MPRC has extensive experience in managing collaborative multi-organization private grants: MPRC has served as the fiscal manager for six multi-partner grants in the past three years, successfully coordinating organizational activities, budget tracking and grant reporting.
In 2021 MPRC received two federally-funded grants through Partners in Health and Public Health Institute to support its work engaging people from targeted populations, largely door-to-door, in conversations about the benefits of accessing COVID-19 vaccines. It met all project goals and reporting requirements.

6.0 Quality Assurance Project Plan (QAPP) Information
No Quality Assurance Project Plan (AQPP) Required

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: SEP 11 2014

CENTER FOR AS ECOLOGY-BASED ECONOMY
Ex. 6 Personal Privacy (PP)
NORWAY, ME 04268

Employer Identification Number:
46-3113400
DLN:
17053147316024
Contact Person:
CUSTOMER SERVICE ID# 31954
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)
Accounting Period Ending:
December 31
Public Charity Status:
170(b)(1)(A)(vi)
Form 990 Required:
Yes
Effective Date of Exemption:
August 15, 2013
Contribution Deductibility:
Yes
Addendum Applies:
No

Dear Applicant:

We are pleased to inform you that upon review of your application for tax exempt status we have determined that you are exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code. Contributions to you are deductible under section 170 of the Code. You are also qualified to receive tax deductible bequests, devises, transfers or gifts under section 2055, 2106 or 2522 of the Code. Because this letter could help resolve any questions regarding your exempt status, you should keep it in your permanent records.

Organizations exempt under section 501(c)(3) of the Code are further classified as either public charities or private foundations. We determined that you are a public charity under the Code section(s) listed in the heading of this letter.

For important information about your responsibilities as a tax-exempt organization, go to www.irs.gov/charities. Enter "4221-PC" in the search bar to view Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, which describes your recordkeeping, reporting, and disclosure requirements.

Sincerely,

Tamera Ripperda

Director, Exempt Organizations

Letter 947

Executive Director
Scott Vlaun

Ed. & Programming
Seal Rossignol

Communications
Renee Igo

Climate Resiliency
Claire McGlinchey

Municipal Resiliency
Tony Giambro

Board of Directors
Thea Hart
Roberta Hill
Michael Newsom
Ted Colburn
Michael Dunn
Azalea Cormier
Willow Adler
Emlyn Crocker
Gem Haviland

Employee Roster 2023

Full-Time

Scott Vlaun, 40 hours per week, salary Ex. 6 Personal Privacy (PP)
Claire McGlinchey, 40 hours per week, salary Ex. 6 Personal Privacy (PP)

Part-Time

Lucille Rossignol, 26 hours per week, Ex. 6 Personal Privacy (PP)
Renee Igo, 20 hours per week, Ex. 6 Personal Privacy (PP)
Antonio Giambro, 24 hours per week, Ex. 6 Personal Privacy (PP)
Susan Cairns, 8 hours per week, Ex. 6 Personal Privacy (PP)

The Oxford Hills School District M.S.A.D. #17

Heather Manchester, *Superintendent of Schools*
Steve Ciembroniewicz, *Assistant Superintendent*
Jan Neureuther, *Director of Student Services*
Carrie Colley, *Director of Finance and Operations*
Jill Bartash, *Director of Curriculum*

32 Main Street, South Paris, ME 04281
Phone Ex. 6 - Personal Privacy (PP) *fax* Ex. 6 - Personal Privacy (PP)
www.msad17.org

Harrison * Hebron * Norway
Otisfield * Oxford * Paris
Waterford * West Paris

13 April 2023

U.S. Environmental Protection Agency
Office of Environmental Justice and External Civil Rights.

Re: EPA-R-OEJECR-OCS-23-01: ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

To whom it may concern,

On behalf of the Oxford Hills School District, please accept this letter of support for the Center for an Ecology-Based Economy's proposed project, Increasing Community Resilience Across Municipalities, Schools, and Public Land through Education, Planning and Technical Assistance, for the Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program.

CEBE and our district have a history of collaboration, from installation of solar powered EV chargers at the Oxford Hills Comprehensive High School to educator trainings on outdoor learning. Recently, CEBE has completed draft energy assessments of all of the district's buildings and transportation infrastructure and is developing a plan to transition our buildings to renewable energy and electrify our transportation fleets. Partnership on CEBE's proposed project will enable our district to begin implementation of these recommendations.

In partnering with CEBE on this project, our district will provide time during school board and committee meetings for school officials to learn more about the renewable energy options available and associated costs and benefits. The school board will offer a meeting space and their communications platform for sharing information with families, staff, and school board officials. The district will provide access to buildings and pertinent energy use information for use in reports on renewable energy, energy efficiency, and weatherization projects.

We look forward to continuing to explore options for our district's energy transition and setting an example for the region through collaboration with CEBE on this project.

Thank you,

Heather Manchester

Heather Manchester
Superintendent

ED_016126_00000212-00001

Oxford County Soil and Water Conservation District
17 Olson Rd. Suite 3, South Paris, Maine 04281
Phone: Ex. 6 - Personal Privacy (PP)
Email: Ex. 6 - Personal Privacy (PP)

April 4, 2023

Scott Vlaun, Executive Director
Center for an Ecology-Based Economy
447 Main St.
Norway, Maine 04268

Dear Scott,

Oxford County Soil & Water Conservation District is pleased to both support and work alongside CEBE as an actively participating community partner on your "Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program" Project here in Oxford County. As an agency dedicated to the conservation of natural resources, we have long recognized the value of healthy watersheds and forests in mitigating pollution and contributing to climate change resiliency. We are prepared to offer our assistance in providing information and expertise to help towns in the community increase their capacity to deal with climate change and develop climate change action plans, and help citizens better understand what they can do to increase the resiliency on the properties they own or manage.

As you know, CEBE and Oxford County SWCD are already working in partnership developing an Agroforestry and Climate Resiliency Demonstration project at the District's Tenmile River Demonstration Forest. This project centers around educating forestland owners about ways they can make their forestland more resilient to climate change, increase carbon sequestration and promote biodiversity. Since Oxford County is over 94% forested, with most of that land in private ownership, outreach and education for forestland owners and managers is vitally important. Our Demonstration Forest will be an excellent educational resource area to show ways that we can adapt our forestry practices to combat climate change and become more resilient.

Oxford County SWCD is well-positioned to provide outreach to Oxford County towns and communities about watershed protection. For decades we have worked with lake associations and watershed groups across the entire county addressing and mitigating non-point source pollution in USEPA funded 319 projects. By providing technical assistance and education programming, we help citizens better understand their role in protecting water quality and small towns address stormwater infrastructure improvements. We look forward to being able to expand the capacity to deliver informational resources and technical knowledge to encourage the wider use watershed protection practices in community climate action plans.

We look forward to working with CEBE on this project and are confident that together we can increase the capacity for climate change resiliency throughout our Oxford County community.

Sincerely,

Michele A. Windsor

Michele Windsor, OCSWCD District Manager

CONSERVATION - TECHNICAL ASSISTANCE – EDUCATION

All programs and activities of the Oxford County Soil & Water Conservation District are offered on a non-discriminatory basis without regard to race, ethnicity, color, national origin, religion, gender, age, sexual orientation, marital or family status, political belief, citizenship status, veteran's status or disability.

WESTERN FOOTHILLS LAND TRUST

April 12, 2023

U.S. Environmental Protection Agency
Office of Environmental Justice and External Civil Rights.

Re: EPA-R-OEJECR-OCS-23-01: ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

To Whom it May Concern:

The Western Foothills Land Trust (WFLT) is 36 years old and currently protects over 8000 acres of land in a ten-town region of western Maine. We believe that there is a relationship between the ill health of our human communities and the ill health of our earth's natural species and systems, and that reducing the gap between human and wild communities is necessary for rebalancing unhealthy lives and changing the trajectory of a warming climate.

WFLT works within two community-based partnerships, Maine West (MW) and Sebago Clean Waters (SCW). Both MW and SCW have developed online analytical mapping tools: MW values community health and recreation, working forest and farm landscapes in this region. The SCW mapper values water quality, fisheries values, wetlands, and connected forestlands.

Working together with the four area land trusts in the Sebago Lake watershed, we have evaluated our collective portfolio of conserved lands through the lens of TNC's Resilient and Connected Landscapes and other existing datasets. Conservation of these areas will contribute to carbon sequestration and support water quality and human community resilience.

The climate-informed conservation planning effort is a first step toward more fully integrating climate change into our organizations' work and into the planning and governance of our rural municipalities. Partnering with the Center for an Ecology Based Economy on the proposed project titled: "Increasing Community Resilience Across Public Land Through Education, Planning and Technical Assistance" will provide an opportunity to share our experience, knowledge and capacity with the committees, planning boards, and decision makers in our municipalities.

Roles and Responsibilities:

- WFLT will conduct presentations for area municipalities and landowners on the importance of identifying and protecting watersheds, rivers and streams, aquifers, significant natural habitats, and prime agricultural soils when developing land-based projects and managing forested lands.
- WFLT will share information resources and other expertise with municipalities within this project scope to help with land-based projects as they related watersheds, river and streams, aquifers, significant natural habitats, prime agricultural soils.
- WFLT will promote all workshops, webinars and other public events regarding this project to its members and networks.

Sincerely,



Lee Dassler
Executive Director

Western Foothills Land Trust — PO Box 107 Norway, ME 04268 — Ex. 6 - Personal Privacy (PP) — staff@wfltmaine.org

Town of Norway

Town Manager
Tax Collector
Town Clerk
Assessor
Public Works

Police Department
Fire Department
Code Enforcement
Sewer Department
Park & Recreation

To whom it may concern,

On behalf of the Town of Norway, please accept this letter of support for the Center for an Ecology-Based Economy's proposed project, *Increasing Community Resilience Across Municipalities, Schools, and Public Land through Education, Planning and Technical Assistance,* for the Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program.

CEBE supported Norway in applying for our first community action grant, and they are now helping with implementation of a social vulnerability assessment, formation of a municipal climate committee, and applications for additional grants. We hope to continue this collaboration through resilience project implementation, development of a climate action plan, and incorporation of climate into our comprehensive plan.

In partnering with CEBE on this project, Norway will provide meeting space and help publicize public meetings to develop a town climate action plan. Norway's Climate Action Advisory Committee will coordinate with CEBE to complete the climate action plan and will work with the comprehensive planning committee and town manager to incorporate that plan into the comprehensive plan.

To help CEBE complete the proposed project activities, we will offer access to our mailing list and official communications channels to promote climate action plan engagement meetings. We will also offer the public meeting space at the town office. As the project progresses, we will make the following resources available to other towns in the region: templates and models for projects such as climate action plans specific to our rural inland towns, vulnerable population assessments, vulnerable infrastructure assessments, and landfill solar.

We look forward to continuing to build Norway's climate resilience, and that of the surrounding region through collaboration with CEBE on this project.

Dennis Lajoie

Town Manager

19 Danforth Street, Norway, Maine 04268-5952 • Ex. 6 - Personal Privacy (PP) • www.norwaymaine.com
"an equal opportunity organization"

View Burden Statement

OMB Number: 4040-0004
Expiration Date: 12/31/2022

Application for Federal Assistance SF-424

* 1. Type of Submission:	* 2. Type of Application:	* If Revision, select appropriate letter(s):
☐ Preapplication	■ New	
■ Application	☐ Continuation	* Other (Specify):
☐ Changed/Corrected Application	☐ Revision	

* 3. Date Received:	4. Applicant Identifier:
4/7/2023	

5a. Federal Entity Identifier:	5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:	7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name:	Lunt Neighborhood Action Group
* b. Employer/Taxpayer Identification Number (EIN/TIN):	88-1566070
* c. UEI:	WPLHYJKKJD7

d. Address:

* Street1:	Ex. 6 Personal Privacy (PP)
Street2:	
* City:	Greenfield
County/Parish:	
* State:	Massachusetts
Province:	
* Country:	USA: UNITED STATES
* Zip / Postal Code:	01301

e. Organizational Unit:

Department Name:	Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:		* First Name:	Susan
Middle Name:			
* Last Name:	Worgaftik		
Suffix:			

Title:	
Organizational Affiliation:	
* Telephone Number:	Ex. 6 Personal Privacy (PP)
Fax Number:	
* Email:	Ex. 6 Personal Privacy (PP)

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

EPA-R-OEJECR-OCS-23-01

CFDA Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

*** 12. Funding Opportunity Number:**

66.306

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Lunt Neighborhood Epidemiological Study and Action Plan

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: CD2 * b. Program/Project: CD2

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/2023 * b. End Date: 10/2026

18. Estimated Funding ($):

* a. Federal	150,000
* b. Applicant	
* c. State	
* d. Local	
* e. Other	
* f. Program Income	
* g. TOTAL	150,000

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

- ☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .
- ■ b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- ☐ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ■ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)**

☑ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix:	
* First Name:	Susan
Middle Name:	
* Last Name:	Worgaftik
Suffix:	
* Title:	Vice President
* Telephone Number:	Ex. 6 Personal Privacy (PP)
Fax Number:	
* Email:	Ex. 6 Personal Privacy (PP)
* Signature of Authorized Representative:	Susan Worgaftik
* Date Signed:	4/7/23

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	66.306	$	$	$ 150,000.00	$	$ 150,000.00
2.						
3.						
4.						
5. Totals		$	$	$ 150,000.00	$	$ 150,000.00

Standard Form 424A (Rev. 7- 97)
Prescribed by OMB (Circular A -102) Page 1

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1)	(2)	(3)	(4)	Total (5)
	ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM				
a. Personnel	$	$	$	$	$
b. Fringe Benefits					
c. Travel					
d. Equipment					
e. Supplies	8,500.00				8,500.00
f. Contractual	133,500.00				133,500.00
g. Construction					
h. Other	8,000.00				8,000.00
i. Total Direct Charges (sum of 6a-6h)	150,000.00				$ 150,000.00
j. Indirect Charges					$
k. TOTALS (sum of 6i and 6j)	$ 150,000.00	$	$	$	$ 150,000.00
7. Program Income	$	$	$	$	$

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Prescribed by OMB (Circular A -102) Page 1A

SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	$ 0.00	$ 0.00	$ 0.00	$ 0.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$ 0.00	$ 0.00	$ 0.00	$ 0.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 80,500.00	$ 18,250.00	$ 19,250.00	$ 21,250.00	$ 21,750.00
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 80,500.00	$ 18,250.00	$ 19,250.00	$ 21,250.00	$ 21,750.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM	$ 80,500.00	$ 38,600.00	$ 30,900.00	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 80,500.00	$ 38,600.00	$ 30,900.00	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges:

23. Remarks:

ED_016126_00000216-00006

OMB Control No. 2030-0020
Approval expires 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2030-0020). Responses to this collection of information are required to obtain an assistance agreement (40 CFR Part 30, 40 CFR Part 31, and 40 CFR Part 33 for awards made prior to December 26, 2014, and 2 CFR 200, 2 CFR 1500, and 40 CFR Part 33 for awards made after December 26, 2014). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information is estimated to be 0.5 hours per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Lunt Neighborhood Action Group

Address: Ex. 6 Personal Privacy (PP)

City: Greenfield

State: Massachusetts Zip Code: 01301

B. Unique Entity Identifier (UEI): WPLHYJKKJYD7

C. Applicant/Recipient Point of Contact

Name: Susan Worgaftik Phone: Ex. 6 - Personal Privacy (PP) Email: Ex. 6 Personal Privacy (PP)

Title: Vice President

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ■ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints, unless covered by 40 C.F.R. Parts 5 and 7.)

None

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination under federal law based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints, unless covered by 40 C.F.R. Parts 5 and 7.)

None

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

None

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ■ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95) ☐ Yes ■ No

a. Do the methods of notice accommodate those with impaired vision or hearing? ☐ Yes ■ No

b. Is the notice posted in a prominent place on the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications? ☐ Yes ■ No

c. Does the notice identify a designated civil rights coordinator? ☐ Yes ■ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☐ Yes ☒ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. 563 (1974))** ☐ Yes ☒ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

N/A

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

N/A

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Susan Wagstaffe	Vice President	4/7/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

1.0 PROGRAM OBJECTIVES

a. Project Summary Page

i) **Project Title:** Lunt Neighborhood Epidemiological Study and Action Plan

ii) **Project Location:** Residential Neighborhoods surrounding the former Lunt Silversmiths at 298 Federal Street, Greenfield, Massachusetts 01301

iii) **Applicant Contact:** Susan Worgaftik, Lunt Neighborhood Action Group, Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) Greenfield, MA 01301; email: Ex. 6 Personal Privacy (PP); phone: Ex. 6 Personal Privacy (PP) cell: Ex. 6 - Personal Privacy (PP)

iv) **Brief Description of Applicant Organization:** The Lunt Neighborhood Action Group (LNAG) formed as a subset of the 115-member Public Involvement Plan (PIP) petitioners who asked the Massachusetts Department of Environmental Protection for an environmental audit of the former Lunt Silversmith site. PIP members recognized a need for an organizational structure to act as a steering committee, to hold regular meetings, and to formulate a campaign to address the Lunt contamination and provide regular community communication.

v) **Are you applying for the Small CBO Set Aside?** Yes, see attached

vi) **Project Abstract:** The Lunt Neighborhood Epidemiological Study and Action Plan is designed to do four things: Investigate the likelihood of serious disease emanating from the Lunt contamination site into the community surrounding it; educate the target community about what has been found in the study; support community residents who need medical testing to determine if they need treatment; and educate other communities about the methodology and findings of the Lunt study for their use.

vii) **Project Types:** Toxics Contamination Assessment and Monitoring, Public Education, Action Plan

viii. **Special Considerations:** Rural Areas, Health Impact Assessments

ix. **Environmental Issue:** Toxic Contamination

x. **Project Partners:** Greenfield Health Department
Valley Medical Group
Community Health Center of Franklin County
Slingshot
Franklin Regional Council of Governments

xi. **QAPP :** Yes

b. Environmental and Public Health Information of the Underserved Community

With a population of 17,456, Greenfield is the largest municipality in rural Franklin County, Massachusetts. At the confluence of four rivers, Greenfield combined farming in the outskirts of town with tool and die and silversmith manufacturing in the downtown area from the industrial revolution until the 1950's. Most of these small manufacturers are now gone. Lunt Silversmith closed its doors in 2009, leaving behind toxic TCE in the ground below its buildings as well as unpaid taxes. In 2010, with the possibility of redevelopment on the horizon, Greenfield endeavored to clean up the site with an EPA grant. In 2013, residents of the

streets surrounding the Lunt site were told that the clean-up had been completed and all was well. In 2021, as the city administration determined that it was time to sell the site to a developer. The residents learned that it was likely that the site had not been adequately cleaned. They demanded a full analysis and appropriate clean-up to take place.

This proposal requests an epidemiological study, health education program and follow-up plan to augment our efforts to clean up the Lunt Silversmith toxic waste site at 298 Federal Street, Greenfield, MA. The disposal site is called the "Former Lunt Silversmith", RTN 1-18869, it is located within an approximately 11 acre area, and with the exception of a small portion owned by a developer. The property is owned by the City of Greenfield, and is bounded by Federal Street (east), Kenwood Street (south), Davis Street (west), and Norwood Street (north). This site is located in a densely developed portion of the City of Greenfield, approximately 1-mile north of downtown. The Lunt site is surrounded on three sides by occupied residential dwellings. There are mostly commercial businesses to the east along Federal Street. A little over half of the western part of the site, which includes land that was formerly dedicated to industrial operations, is currently occupied by three baseball fields actively used by the Greenfield Minor League, a youth league. The eastern half of the site is composed of a complex of brick buildings where most of the industrial fabricating and manufacturing occurred. Some factory buildings were demolished, but most were renovated, and are currently housing The Northern Hope Center/Franklin Recovery Center, run by Behavioral Health Network (BHN) as a residential substance-abuse treatment facility. The BHN operation includes an on-site pharmacy for medically-supported detox and withdrawal treatment. Some building space is occupied by Clinical Support Options (CSO) who operates an Emergency Crisis Stabilization and Respite Center which includes residential treatment. Another portion houses an office of the Massachusetts Department of Transitional Assistance (DTA).

The community surrounding the Lunt site has a population which is 13% over the age of 65 and 7% under the age of 5, with 23% under the age of 18. 43% of the adult residents of this area have a high school diploma or less education. 42% of the households have incomes of less than $50,000 per year and 27% are designated by EJScreen as being low income. This community is very stable. Many of the families have lived here their entire lives and others residing here for 20 years or more.

The residential neighborhood surrounding the Lunt site includes mostly single- and two-family dwellings, along with some moderate-income condominiums. The Commonwealth of Massachusetts documents that 25% of residents of the surrounding area have median household incomes at 65% of the state median income.

For over 100-years the site was operated as an industrial metal-working and manufacturing facility. When it closed in 2009, extensive contamination from heavy metals was found at the site. Also discovered was contamination of the soil and groundwater by several chlorinated solvents used as degreasers during the manufacturing operations. As recently as 2001 the

Lunt operations employed as many as 800 workers, and records indicate that there were at least six different locations at the site where vapor degreaser units were operated. These degreasers used a variety of chlorinated solvents and dense non-aqueous phase liquid (DNAPL) that were subject to spills and leaking. Extensive contamination was discovered, and about 10-years ago limited soil excavation and response activities removed contaminated materials to a depth of approximately two-feet below grade, in at least one identified spent solvent storage location.

The Lunt property is about 1000-feet north of the nearest mapped EJ community in Greenfield. However, the concern is that TCE groundwater contamination has migrated off-site and is moving in a S-SW direction towards this mapped EJ area of Greenfield. An independent LSP to be hired by the Lunt Neighborhood Action Group in April 2023 will do a thorough study to determine size and scope of the contamination plume. The area is served by municipal water and sewer, but many of the residences have basement sump pumps due to the seasonally high-water table throughout the area. At certain times of the year, standing water can be observed for extended periods on or adjacent to the ball fields on the Lunt property, when the local water table is at or near the surface. The LSP analysis is expected to be completed in summer 2023. This past fall/winter the DEP has also recommended that the current LSP evaluate the water profile in a larger scope. This includes movement south as well as deeper into the ground for particulate sediment.

In the Lunt community, LNAG has established that there are 2 cases of non-Hodgkin's lymphoma and 2 cases of Parkinson's disease in the projected target area, all of which could be engendered by TCE. We also have anecdotal information about other cancer cases in the Lunt neighborhood. Because this information is anecdotal and we do not have the expertise as an organization to investigate or evaluate it, we are seeking funds to do an epidemiological study of the community to determine the health risks of the residents, what health education must be done, and establish an action plan to respond to any health risks that are found.

c. Organizations Historical Connection to Underserved Community

Ten years ago, the Lunt cleanup efforts by the developer's LSP Phase II ESA was released. Since that time the clean-up has been stalled. The 2012 Environmental Site Assessment called for the installation of four sub slab depressurization systems (SSDS) under all the buildings, and the installation of a groundwater collection and treatment system to address the DNAPL contamination, off-site groundwater migration, and TCE vapor intrusion (on and off-site). Vapor intrusion was detected inside the redeveloped buildings, which were fully occupied prior to the LSP conducting indoor air quality testing, and subsequently Massachusetts Department of Environmental Protection ordered that vapor intrusion mitigation measures be installed to eliminate the public's exposure, since none of these systems were installed during the site redevelopment or prior to full occupancy of the buildings. In 2017 DEP issued an order to the City to install a Sub-Slab Depressurization System after indoor air testing disclosed that an imminent hazard existed due to TCE vapor

intrusion, the hazard levels which are set by the DEP. In 2020 the developer's LSP produced a report Phase II Comprehensive Site Assessment that called for the closure of the site for further testing as the Permanent Solution, leaving the contaminated ground water unabated/untreated while allowing it to continue to spread into the adjacent neighborhood and throughout other areas of Greenfield vial unpermitted storm drain discharge. However, since the soil removal was ordered by the DEP/EPA, the tests at that time were deemed safe. A plan was set forth by the state that anytime soil is disturbed, it is reportable and must be removed safely. The determination from the DEP to the LSP was based on standards at that time and they were unaware of possible release deeper into the soil.

In Fall 2021, the Mayor of the City of Greenfield announced that she wished to transfer the Lunt property to the lessee, 401 Liberty Street LLC, to put the land and buildings at the Lunt site back on the tax rolls. Residents living around the Lunt site had been told in 2013 that the site was cleaned up. To ensure that that was true before this transfer was affirmed by the Greenfield City Council, community residents and some City Councilors asked to review the documents related to the clean-up. Those documents raised more questions than they answered.

In early December of 2021, 36 residents of Greenfield petitioned the Massachusetts Department of Environmental Protection (DEP) to have the Lunt site designated as a Public Involvement Plan (PIP) site under 310 CMR 40.1404. The PIP petition has 115 petitioners, including 8 members of the Greenfield City Council and 4 former Council members. After the submission of the PIP petition, the Mayor of Greenfield turned the entire PIP process over to the Lunt site developer, which has not engaged the community as required under PIP regulations. The State is in contact between the LSP and the PIP group. The State recommends the communication process, this is considered an order and must be followed. There were several public hearings with the city, LSP and State during this time that did not have direct community involvement. The administration of City of Greenfield has not fostered public participation, and the Licensed Site Professional (LSP) who has been designated to clean the site and who works for the developer has ignored the PIP Group. This LSP has been working on this site since 2011, when the site was originally supposed to have been cleaned.

As a result of the submission of the PIP petition, and the serious concerns raised by the Greenfield City Council, in March of 2022 MA DEP notified the City that the DEP Audit Section would conduct a full audit of the Lunt cleanup process. On 5/27/22, DEP issued a Notice of Audit Finding and Notice of Noncompliance (NON) to the City of Greenfield which found that the 2020 Lunt Comprehensive Site Assessment was deficient, and that a revised Phase II Scope of Work would be required that properly identified the sources and extent of the contamination, correctly identified the site boundaries, identified preferred contaminant pathways, and better characterized the hydrological conditions at the site, essentially stating that conclusions reached in the 2020 CSA were based on inadequate information, especially the proposed Permanent Solution. The LSP for the developer submitted a response to the

audit. The Lunt PIP Group conducted a review of the proposed Scope of Work (SOW) and noted that the SOW was inadequate and was not responsive to the issues raised in the NON and Audit. At this point the DEP is reviewing the proposed SOW and the PIP Group is waiting for the DEP response.

The Lunt Neighborhood Action Group (LNAG) formed from a subset of the Public Involvement Plan (PIP) petitioners to provide organizational structure for the PIP Group. This was necessary because the Mayor of Greenfield turned over the entire PIP process to the site developer who dismissed or rejected the concerns of the PIP members and the community. The key petitioners organized the LNAG to act as a steering committee, to hold regular meetings, and to formulate a campaign to address the Lunt contamination. LNAG communicates with the 115 PIP petitioners on a regular basis, and the LNAG holds regular meetings to plan events and implement our campaign. So far, LNAG has generated numerous Letters to the Editor, several longer opinion pieces and press releases and has picketed in front of the Lunt property. A folder of Greenfield Recorder articles, letters, and opinion pieces from our media coverage efforts can be found here.

In June of 2022, the City Council passed a resolution expressing a lack of confidence in the LSP working for the developer. The City of Greenfield has not had an LSP under city contract working on the Lunt cleanup since prior to 2013. The LNAG/PIP repeatedly requested that the city hire an independent LSP to represent the interests of the Lunt Neighborhood residents, but the Mayor of Greenfield did not respond to the public's concerns. The Lunt Neighborhood Action Group, a volunteer organization, was incorporated to apply for and receive funds from the Commonwealth of Massachusetts for the purpose of hiring an independent LSP to respond to community questions. This grant was funded by the MA DEP in December 2022.

Since that time, LNAG efforts expanded to include the health questions in our community that were mentioned in #b above. With this proposal, we are requesting funds to provide health information regarding this site and the target area that the community deserves. The LNAG/PIP Group needs access to epidemiological expertise to better understand the health questions that are being posed by the residents and to understand the best way to respond.

The PIP group and LNAG Steering Committee have developed a long-term campaign that focuses on community involvement and engagement. The LNAG Steering Committee includes the two members of the City Council that are most directly impacted by the Lunt site, Precinct 4, where the Lunt site is physically located, and Precinct 3, which is downgradient and adjacent to the site. In addition, we have canvassed the Lunt Neighborhood, going door-to-door, and with EPA support, we hope to conduct an epidemiological study of the impacted area downgradient as well as around the periphery of the site to establish if the anecdotal information about various illnesses and cancers are related to TCE is coincidental or a mixture of both.

The PIP group and the LNAG are also committed to fully cleaning up the Lunt site while ensuring that the current use of the site remains operational. It is essential that the staff and residents at the treatment center are provided with a safe environment free of chemical contamination. We have been in regular contact with our State Senator and State Representatives to keep them updated because if the independent LSP deems further clean-up is required, we can work with our state representatives to acquire additional state funding to assist with the recommendations.

d. EJCPS Model

Element 1: Issue Identification, Community Vision and Strategic Goal Setting

Issue Identification: In December 2021, 36 community members, including some City Councilors, questioned whether the LSP, O'Reilly, Talbot and Okun (OTO) had adequately completed the remediation and if the site is now in compliance with the clean-up requirements of the Massachusetts Contingency Plan (MCP) site cleanup regulations. The organized community response developed through the Public Involvement Process (PIP) request to the Massachusetts Department of Environmental Protection (DEP).

Community Vision: In February 2022, OTO and its employer, 401 Liberty Street, LLC held a public hearing as required by MCP regulations. In Massachusetts law, there is no requirement that the owner of the property, the City of Greenfield, call the public hearing. At that hearing, residents asked questions, but were given entirely insubstantial or unsatisfactory answers. The PIP requested that the DEP do an environmental audit of the site, which was done in April 2022. The DEP audit report determined that there were serious questions about the safety of the site. The PIP determined that they would continue as an entity to ensure that the site would be cleaned up and developed the Lunt Neighborhood Action Group to coordinate that effort. Our vision is that any hazardous waste on the Lunt property is cleaned up to the fullest extent possible and to ensure that the residents of the surrounding community, the clients and staff at Northern Hope Center/Franklin Recovery Center, as well as those in other social service agencies on this site will not have to be concerned about their health or welfare due to TCE-contaminated groundwater or TCE vapor intrusion emanating from beneath the buildings on the Lunt site.

Strategic Goals: Continued clean-up of the Lunt site, analyze any health and welfare implications caused by the contamination, educate the community about those implications and support residents in medical testing for any contamination related health concerns by assisting with their co-pays.

Element 2: Community Capacity Building and Leadership

Community Capacity Building: The next step for the PIP group was to provide information and education about the toxic chemicals that were used at the Lunt site and how to respond to them. To do that, the PIP created several opportunities for education:

-We partnered with Slingshot.org to educate ourselves about how to organize around this issue, identify key questions about the toxins used at this site, and how to approach the Mayor of Greenfield, OTO, 401 Liberty Street, and the DEP to move forward.

-Members of the PIP brought our concerns to the Greenfield City Council to request further investigation and clean-up of the site if it was deemed necessary. In June of 2022, the City Council voted "no confidence" for the OTO as the current LSP.

-The LNAG/PIP was fortunate in that one of its members had been a soil scientist and Massachusetts Registered Sanitarian (RS) and Certified Health Officer (CHO), prior to his retirement. He educated the members of the PIP about the concerns of this type of contamination, his analysis of the insufficiency of the previous decontamination efforts based on his knowledge and expertise, and how the LNAG/PIP might work with the DEP to ensure an adequate clean-up in the future. He also contacted other colleagues in this field to engage members of our PIP group to learn additional scientific information.

-The members of the PIP group met with the DEP to go through the May 2022 report, which resulted from the April audit to ensure that the PIP had a full understanding of this report and what the next steps may be.

Community Leadership: As a result of this information, two issues became clear: a.) although the 115 members of the PIP wanted to be kept informed and involved, there was a need for a smaller group out of the PIP to concentrate on this issue and b.) since the PIP was not getting the kind of information that it needed from OTO, 401 Liberty Street or the Mayor of Greenfield, the community needed to develop an independent source of information. From this, the Lunt Neighborhood Action Group (LNAG), a volunteer group of residents, was organized and incorporated. This assisted us in obtaining funding for an independent LSP with the expectation that LNAG will hire an independent LSP by spring 2023. The LNAG has continued to organize regular community meetings to educate the PIP group on any updates, and has done door to door canvassing to inform Lunt area residents about the contamination concerns, and to ensure that any work promised by OTO and ordered by the DEP is being done. In the process of one canvass, LNAG members learned of two people with non-Hodgkin's lymphoma residing on one street and two individuals with Parkinson's disease living in the projected target area. There have also been anecdotal reports of undefined cancer in the area. This motivated the LNAG to write this proposal for an epidemiological study to ascertain if the anecdotal disease data are significant to the health and welfare of Lunt area residents or current employees/residents at and near the site.

Element 3—Consensus Building and Dispute Resolution:

Should there be a dispute within LNAG/PIP or between LNAG/PIP and our collaborative partners, our first efforts would be to establish the basis of the disagreement and to see if there are differences that must be considered. If the group determines that there is no way to come to agreement within our usual processes, then we would engage a facilitator for assistance. We would expect the facilitator to establish ground rules for the process which may include an agreement that all parties abide by the decision reached at the end of the process.

Although LNAG/PIP is a large group from throughout the Greenfield community with many different political opinions, we have all agreed on the efforts that have been made. Since the group is concentrating on the clean-up of the Lunt site and to ensure the health and

safety of its residents, we have been quite focused. Our consistent approach to deal with the contamination is to find neutral facts to understand the questions at hand. We would continue to deal in this manner should an internal dispute arise in the future.

Element 4—Multi-Stakeholder Partnerships and Leveraging Resources.

The Lunt Neighborhood Epidemiological Study and Action Plan is designed to involve partners with complimentary skills to create a harmonious process moving forward. LNAG/PIP as a community organization recognizes that we need partners with varied professional experience as well as medical and community education expertise to make this study and action plan a success. Toward that end, we have asked:

The Greenfield Health Department to supervise two consultants for the epidemiological study skills and supervision of the epidemiological study as it moves forward. This will include the gathering of information, interpretation of the data found, interviews with individuals or families about concerns that are uncovered, ensuring that the research meets HIPPA requirements and overall, ensures that information gathering, analysis and interpretation are of a high quality and provided in a form that is useful to the community. This work will take place throughout the 3 years with an emphasis on year 1.

Slingshot, an environmental advocacy and organizing organization, will work with us to design and implement a community education process involving large baseline educational meetings about the nature of the contamination as well as small neighborhood meetings to talk about more specific health issues of residents. This work will largely take place in year 2.

Valley Medical Group and the Community Health Center of Franklin County (CHCFC) will work with us to provide appropriate testing based on the epidemiological results, if the resident chooses to do so. Years 2 and 3.

The Franklin Council of Regional Governments (FRCOG), a voluntary membership organization of involving 26 municipalities of Franklin County, will create a document and provide educational information to the leadership of the 26 municipalities of the region about the epidemiological findings and their implications for similar contamination sites in their areas. Year 3.

Element 5—Constructive Engagement by Relevant Stakeholders

The LNAG will keep several key stakeholders informed about the progress of this epidemiological study including:

The Massachusetts Department of Environmental Protection (MADEP) which is already engaged in the analysis of the contamination of the Lunt Silversmith site.

The Bureau of Environmental Health of the Massachusetts Department of Public Health (MADPH) which has already provided some citywide health data to LNAG.

LNAG expects that both departments will be helpful in the process of directing us to key data or related resources as we move forward.

Element 6—Sound Management and Implementation

Because LNAG is a small volunteer organization, we understand that as we may not have all resources necessary for this epidemiological study and the follow-up the plan by ourselves. To continue this, we will look to the FRCOG's Community Health division to assist us in resolving questions. The FRCOG has historically demonstrated great skill at bringing together the varying needs of the 26 towns in Franklin County. We will look to them to assist us in ensuring that the commitments of all partners are clear, that the structure of the project is well defined and understood by all parties, and that the timelines of all partners are agreed through a common process.

Both Glen Ayers, LNAG President, and Susan Worgaftik, LNAG Vice President, have experience with grant management. Glen recently retired from the Regional Planning Agency where he worked with numerous grants from Federal and State sources, including multi-year FDA grants and grants from the MA Toxic Use Reduction Institute, the MA Department of Public Health, and the Massachusetts Environmental Trust. Prior to retirement, Susan was the Director of Corporate and Foundation Relations at the University of Massachusetts Amherst. Please see the attached resumes for further information. With the assistance of a bookkeeper who LNAG will hire for this project, and the administrative advice that was described during the bidder's conference, we expect that we will be able to meet EPA administrative standards.

Element 7—Evaluation, Lessons Learned, and Replication of Best Practices

Because this is a new area of work for LNAG, we expect to meet monthly with our partners to ensure that we maintain our process and meet our goals.

Every 6 months, we will develop a written review in which all relevant partners provide an analysis of the work that has been done, how it sets the stage for the following 6-month period and its significance to the project overall. It will include any adjustments that are required by the data that is produced.

LNAG expects to provide regular 6-month updates to the PIP and the Lunt community, about the current status and what the next steps are. These reports will also respond to any community questions and concerns.

As part of the overall project, LNAG will work with Greenfield Department of Public Health and the FRCOG to create a template of lessons learned and processes that can be applied to other contaminated sites in the City of Greenfield and throughout Franklin County.

LNAG will work with the City of Greenfield and local media to ensure that the key findings and actions that are taken will be publicly announced on an annual basis or more often if there are issues that must be considered in a timely manner.

e. <u>Project Linkages</u>

The Lunt Neighborhood Epidemiological Study and Action Plan is designed to empower the residents of the target neighborhood to understand and take control of their health outcomes in the face of toxic substance contamination within their community. This project is entirely community driven with the leadership coming from the LNAG. Over the course of learning about the contamination on this site, the LNAG/PIP has learned about the resources available to them to bring unbiased information to the entire community. This has led us to apply for this EPA funding to further understand what health concerns have been caused by the contamination and how we can assist residents in the target area in responding to them.

f. Partner and Collaborate

The Lunt Neighborhood Epidemiological Study and Action Plan encompasses several elements which are embodied in the collaborators in this plan:

1. Research and Analysis: The Greenfield Health Department working with consultants Jennifer Siegel and Jack Sullivan will provide both the oversight of government and the scientific and public health expertise necessary for this project. (Government and Science)

2. Presentations and Community Outreach: Slingshot has great expertise in putting together complicated scientific information in a way which is easy for non-scientists to understand and then create plans for moving forward. (Community Activist Educators)

2a. Lunt Neighborhood Action will work with Slingshot to ensure that community residents learn of this information through zoom and in person educational events (large and small) and door to door involvement with residents (Community Activists)

3. Medical Support: Should residents of the community wish to have testing done to ensure that the understand their medical situations regarding TCE, the Community Health Center of Franklin County and Valley Medical Group will provide medical testing toward that end. (Medical Community)

4. Broader Community Education: Because TCE is a chemical that was commonly used in factories in Franklin County during the late 20th century, the experiences of LNAG and this study would be useful to other communities in our region. The Franklin Regional Council of Governments, a quasi-governmental non-profit which has stepped into the gap when county government was eliminated, will work the LNAG to make presentations for communities around the region. (Quasi-Governmental Non-Profit)

2.0 Project Activities/Milestone Schedule

a. Project Activities

1. Screening—Determination of the need for this epidemiological study has grown out of several concerns:

- the Lunt property was audited by the Massachusetts Department of Environmental Protection (MADEP) where major concerns about the thoroughness of the clean-up have been presented.
- Anecdotal community reporting of two non-Hodgkin's lymphoma cases on a street one block south of the Lunt site, two cases of Parkinson's disease within the projected target area, and several reports of undefined cancer within the target area.
- By July 2023, the area and flow direction of the TCE plume will be clearly identified by the Licensed Site Professional that LNAG has hired. This will identify where the epidemiological study will specifically be targeted. Also, the current LSP with DEP guidance, will also have their water study concluded.

2. Scoping—Jennifer Siegel, Public Health MPH researcher and Jack Sullivan, Public Health epidemiologist will develop a research plan under the supervision of Jennifer

Hoffman, MPH, RVT the Director of the Greenfield Health Department, with involvement of the LNAG Coordinators.

- The research plan will include an analysis of what illnesses could be generated by contact with TCE and any other toxic substances that are found on the property by the Licensed Site Professional.
- The research team will determine what questions should be asked of the community to determine if the illness is caused by environmental factors related to the Lunt site. This process will include determination of the overall scope of the study: period to be analyzed, target area, manner of survey (online, door to door, written), etc.
- Massachusetts Cancer Registry will be analyzed for appropriate data as will data from local hospitals, as is available.
- Preparation of survey and cancer registry research will take place from November 2023-April 2024
- Initial surveys will be deployed in May2024; follow-up surveys in June 2024; door to door follow-up in June 2024. There will also be multiple telephone/email correspondence with the individuals we are surveying.
- All relevant information to be collected by August 2024

3. Assessment-- Jennifer Siegel, Public Health MPH researcher and Jack Sullivan, Public Health epidemiologist will develop a research plan under the supervision of Jennifer Hoffman, MPH, RVT, Director of the Greenfield Health Department, with involvement of the LNAG Coordinators.

- Data will be compiled and analyzed by team noted above September-November 2024
- Presentation of report resulting from the analysis to LNAG members December 2024.

4. Recommendations and Reporting-- Jennifer Siegel, Public Health MPH researcher and Jack Sullivan, Public Health epidemiologist will develop a research plan under the supervision of Jennifer Hoffman, MPH, RVT, Director of the Greenfield Health Department, the LNAG Coordinators and the staff of Slingshot.

- Reports to the target area community and the Greenfield community at large will be developed during December 2024-February 2025.
- Reports will be planned for online and in person presentation for large groups. Written material summarizing the online and in person presentations will also be made available
- Small group meetings of families, individuals or neighbors will be developed to discuss health issues or concerns following HIPPA regulations to ensure privacy. These small meetings may also include medical consultants who are responding to particular concerns of the participants. These meetings will take place March 2025-June 2025.

5. Healthcare Follow-up--Jennifer Siegel, Public Health MPH researcher and Jack Sullivan, Public Health epidemiologist will develop a research plan under the supervision of Jennifer Hoffman, MPH, RVT, the Director of the Greenfield Health Department, the LNAG Coordinators, Valley Medical Group and Community Health Center of Franklin County

- Those community members who wish to pursue medical testing based on the information provided will be encouraged to do so through Valley Medical Group or the Community Health Center of Franklin County during July 2025-November 2025.
- If the community members wish to report their health test findings, the research team will include them in the report to be developed starting in December 2025

6. Report and Evaluation--Jennifer Siegel, Public Health MPH researcher and Jack Sullivan, Public Health epidemiologist will develop a research plan under the supervision of Jennifer Hoffman, MPH, RVT, the Director of the Greenfield Health Department, the LNAG Coordinators, Franklin Regional Council of Governments; Slingshot

- Two final reports will be developed and presented during March -October 2026;
    - Report of the findings of the epidemiological study itself including levels of contamination, scope of reported illnesses, and other information directly relating to the incident of illness related to the Lunt contamination
    - Report of the overall methodology and approach to the study; its relation to the work of the LSP including community involvement and activities; applicability to similar contamination situations, particularly in Franklin County
    - Presentations of both reports to the LNAG members, target community, the Greenfield community at large August-October 2026
    - Presentation of the report on methodology and approach to representatives Franklin County's 26 municipalities late November 2026

Milestone FY 2024	July	Nov	Dec	Jan	Feb	Mar	Apr	May	June
Target area determined	x								
Research plan developed		x	x	x	x	x	x		
Cancer Registry research					x	x	x		
Surveys Developed				x	x	x	x		
Surveys Deployed								x	x

Milestone FY 2024-FY 2025	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar
Surveys Deployed	x	x							
Data compiled			x	x	x				
Presentation to LNAG members						x			
Reports to Target Community						x	x	x	
Reports to Greenfield at large									x

Milestone FY 2024-FY 2026	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Small group meetings	x	x	x						
Medical testing				x	x	x	x	x	
Reports of test Findings						x	x	x	x

Milestone FY 2026	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
Reports of test findings	x	x	x						
Epidemiological Final Report				x	x	x	x		
Report of Methodology				x	x	x	x		
Presentation to LNAG members								x	
Presentations to Target Comm.								x	x

Milestone FY 2026	Oct	Nov
Presentation to General Community	x	
Presentation to 26 Franklin County municipalities		x

3.0 ENVIRONMENTAL RESULTS

a. Logic Model (Attachment D)

b. Performance Measurement Plan

LNAG and our partners will develop specific programmatic objectives and timelines for each element of this project. Through regularly scheduled meetings with our partners, LNAG coordinators will ensure that these timelines and objectives are met as described in the attached Logic Model. There will be strict monitoring of the numbers of contacts that have been made with residents in relation to the plan. Adjustments will be made as required based upon the information received through research and from the LSP. Monitoring will take place through the following mechanisms:

- Monthly meetings of LNAG coordinators with the partners appropriate for that stage of the project.
- Monthly written reports from the partners appropriate for that stage of the project to be received one week prior to the meetings noted above.

These reports will include written documentation of work done in relation to the logic model and adjustments developed through analysis of the work as it is accomplished.

- Monthly financial reports of expenditures and invoices for work done
- Quarterly meetings with all partners active at that stage of the project especially during transition periods where additional partners are joining the work.
- Quarterly presentations will be made the LNAG/PIP membership. The comments from those discussions will be brought back to the partners for incorporation into the work or analysis in relation to it.
- Semi-annual written reports from all partners in accordance with EPA standards and expectations.
- Annual reports will both summarize the semi-annual reports and point to planned next steps.
- At the close of the project, a full 3-year overview of the work done in accordance with EPA standards and expectations will be written. That report will also be summarized and developed for public availability for LNAG/PIP members, residents of the target area, the City of Greenfield and the general public.

c. Stability Plan and Community vision

LNAG has a specific plan for the use of the data that we develop through this study. There is both a micro use of this data, for the purpose of educating residents about their personal health risks and a macro use where we will provide information about our methodology to the leadership of other communities in Franklin County so that they may use that information to similar defunct factories in their municipalities.

In regard to the micro personal use of data (with individual permission), we will provide reports to the target area community and the Greenfield community at large during December 2024-February 2025. These reports will be planned for online and in person presentation for large groups of residents. Written material summarizing the online and in person presentations will also be made available. Because we recognize that families, individuals or neighbors may want to deal with questions specific to them, we develop small group discussions to consider health issues or concerns. These meetings will follow HIPPA regulations to ensure privacy. These small meetings may also include medical consultants who will respond to particular concerns of the participants.

Regarding the macro concerns of Franklin County communities, we will report the findings of the epidemiological study including levels of contamination, scope of reported illnesses, and other information directly relating to the incident of illness related to the Lunt contamination to any community which wishes to review the data. In addition, we will provide a report of the overall methodology and approach to the study; its relation to the work of the LSP including community involvement and activities; applicability to similar contamination situations, particularly in Franklin County. Presentations of both reports to the LNAG members, target community, the Greenfield community at large will be part of our efforts at the close of the grant period.

4.0 PROGRAMMATIC CAPABILITY

The LNAG Steering Committee has gone through the process of organizing and incorporating as a nonprofit and has opened a business checking account. All funds will be kept in the bank account and all expenditures and payments will be tracked using a database software program. Only two members of the Steering Committee will have access to the checking account. A financial report of the organization will be given at every LNAG meeting, disclosing expenses incurred during the interim, and all donations or other sources of income received since the last LNAG meeting. All expenses greater than $500 will be pre-approved by a vote of the Steering Committee, and all expenditures will be documented by receipts that will be kept in the database. Real-time access to the financial tracking software will be provided to all members of the Steering Committee via our Google Drive to maintain full transparency. Finally, the LNAG Steering Committee will conduct periodic reviews of the corporation's financial activities on a regular basis, at least every 6-months.

Both Glen Ayers, LNAG President, and Susan Worgaftik, LNAG Vice President, have experience with grant management. During his professional career, Glen worked with numerous grants from Federal and State sources, including multi-year FDA grants and grants from the MA Toxic Use Reduction Institute, the MA Department of Public Health, and the Massachusetts Environmental Trust. Prior to retirement, Susan was the Director of Corporate and Foundation Relations at the University of Massachusetts Amherst. Please see the attached resumes for further information. With the assistance of a bookkeeper who LNAG will hire for this project, and the administrative advice that was described during the bidder's conference, we expect that we will be able to meet EPA administrative standards.

5.0 PAST PERFORMANCE

Lunt Neighborhood Action Group is a young organization developed to deal specifically with the contamination of the Lunt Silversmith site. In December 2022, LNAG was awarded a $20,000 grant by the Department of Environmental Protection of the Commonwealth of Massachusetts to hire a Licensed Site Professional to provide an unbiased analysis of the contamination of the site. LNAG is presently managing that grant in accordance with the requirements of the Commonwealth.

As an organization, LNAG has not had significant experience managing publicly funded grants, but some of its members have. For more than 30 years, Susan Worgaftik managed a wide variety of public and private grants for Federated Dorchester Neighborhood Houses, a $20 million community service organization located in Boston. She was responsible for management of approximately $4 million in grants annually, including applications, reporting, quality control and general management. Before retiring, Glen Ayers worked with numerous municipalities on grant funded projects, sometimes managing 10 separate grants simultaneously, including developing Continuous Improvement Plans (CIP) that required

planning, implementing, evaluating, and then revising the process to meet identified goals and achieve conformance with National standards. Ayers also worked on highly technical regulatory matters under numerous Federal, State, and local regulatory programs. During his career, he maintained more than a dozen professional certifications in Public Health and Environmental Compliance areas.

Susan Worgaftik and Glen Ayers will be responsible for ensuring that all reporting and financial requirements of this project are met.

6.0 QUALITY ASSURANCE PROJECT PLAN (See Appendix F)

Appendices

JENNIFER A. HOFFMAN, MPH, RVT

Ex. 6 - Personal Privacy (PP)

Ex. 6 - Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

Greenfield, Massachusetts 01301

PROFILE

My role as the health director for the City of Greenfield has been challenging as well as exciting. I have been honored to work within public health during a pandemic and the aftermath that occurs when life is going back to normal. Besides public health, I am an emergency preparedness partner and used my training during the vaccine roll out by working with others in the City for a robustl vaccine response.

I have over 25-years of healthcare management and patient-care experience. Through my health care and public health education, I have a multifaceted view on social and demographic issues that affect the western Massachusetts population. I enjoy assisting those to make their challenges easier.

EXPERIENCE

Health Director, City of Greenfield 10/2021-Present

I work under the direction of the Mayor and the Board of Health. Since being the interim Health Director and then the Health Director, the health department has become a stable department with established policies and protocols. The Department has obtained multiple grants: the air quality grant (Purple Air), the COVID-19 contact tracing grant and now the Intermunicipal Shared Services grant as well as the CBDG grant for the elderly and hoarding. Two of these grants have established an excellent rapport with other municipalities and together, have been able to promote public health agendas together. This is something that has been difficult to achieve in the past. The health department, although an enforcement agency, focuses on each incident and tries to determine if the issue is a social service issue vs. a code violation vs. both. This delicate touch has served us well in the City where we were able to bring compliance with social service support. In order to prevent animal neglect and abuse we are currently examining a Pound and Field Driver ordinance. Our response time for inspections, Title 5/perc testing has greatly improved. Our follow up to complaints has improved and our legal burden has decreased significantly. By supporting the nurses in the department, we have established great communication with the school system and have educational seminars. We actively work on menstrual inequality by setting up tables at Energy Park and bringing services and supplies to them. We work with the housing crisis by bringing more homes into receivership and implementing a pre-rental inspection to document how the apartments are before moving in (for the safety of the landlord and tenant). The health department has given a voice to the underserved in Greenfield as well as an ear to listen to their needs. Provide MAVEN surveillance of communicable diseases, submit burial permits, follow up on rabies inquiries

Health Care Liaison to the Mayor, City of Greenfield 3/2020 — 9/2021

Working under the direction of the Mayor of Greenfield and the Emergency Command, I was an integral part of the Internal Command Team for the COVID-19 pandemic for the City of Greenfield. My role was to oversee nursing homes, assisted living facilities, the Franklin County House of Corrections, ServiceNet support housing, ARC, Baystate Franklin Medical Center, and all houses of worship. I focused on their care and treatment of COVID patients as well as their protocol adherence set by the state Department of Health. I collaborated daily with different partners from these organizations to assist with policies from the Department of Public Health, the state epidemiologist as well as bilateral communication to the city's leadership team. I advocated the needs of each organization to the Mayor of Greenfield as well as Federal and State leadership. I communicated with the Massachusetts State Senator Jo Comerford, Massachusetts Representative Natalie Blais and United States Representative Congressman Jim McGovern. I provided a daily report to the Mayor and the Emergency Command Team. I worked on communication outreach to educate and inform the public on how to lower the risk of COVID-19. I monitored cluster outbreaks and quarantine, isolation protocols for community residents.

Senior Center Director, Town of Williamsburg — Sept. 2018-Nov. 2019 Networked and partnered with community and regional agencies as well as service providers. Represented the interests of WCOA to state and regional associations as well as advocacy groups. Strived to address/serve unmet needs through grants, volunteer recruitment, program development and collaboration with other organizations, including churches, Board of Health, TRIAD and the Police and Fire Departments. Provided direct service to clients (i.e. case management, referrals etc.) as needed. Lead activities and events as needed. Ensure completeness and accuracy of financial records. Filed annual / quarterly / monthly reports with funding sources as required. Write annual grant proposals/reports for EOEA, HVES and other funding sources. Purchase necessary equipment and

supplies adhering to procurement laws. Develop relationships with charitable organizations, foundations, and potential donors. Track, record and report all statistics to COA Board, Select Board and governing agencies. Prepare and present budget proposals to the COA Board, Select Board and Finance Committee annually.

EDUCATION

- University of Massachusetts, School of Public Health, May 2017 Masters of Public Health (MPH), Community Health Education
- SUNY Health Science Center at Brooklyn. May 1997 Bachelors of Science (BS), Diagnostic Medical Imaging

FOR EARLIER CAREER INFORMATION (HEALTH CARE DIRECTOR, TECHNICAL DIRECTOR) AS WELL AS MEDICAL JOURNAL PUBLICATIONS, PLEASE REQUEST

CERTIFICATIONS & LICENSING

FEMA ICS 100, 200 and 700, CPR/AED, ServSafe, Choking Safety, Allergen Awareness, CPO, Title 5, Inspector of Animals (Barn Inspections and Rabies Quarantine), Certificate of Completion for Ten Essential Public Health Services in Action (BU Local Public Health institute of Massachusetts), PHIT training

BOARD AFFILIATIONS

- Western Massachusetts Public Health Association (WMPHA)
- MHOA Mentorship Committee
- Baystate CBAC

SOCIETY AFFILIATION

American Public Health Association (Committee: Abstract editor)

Massachusetts Public Health Association (MPHA)

Massachusetts Health Officers Association (MHOA)

Massachusetts Association of Health Boards (MAHB)

Software / Database

Municity, Munis, MAVEN, Virtual Gateway (Death permits and DCF), Google Docs & Google Sheets, Microsoft Word & Excel

JS

JENNIFER SIEGEL

Ex. 6 - Personal Privacy (PP) | Ex. 6 Personal Privacy (PP) | Northampton, MA 01060

Summary

Jennifer Siegel has a BA from American University in Washington, DC, and is currently enrolled at George Washington University, pursing her Master's in Public Health. She also has extensive experience in the field of wellness and that of office management, strategic planning, logistics and operations. Most recently, she has worked in the Public Health sector as a COVID Case Manager for the Town of Longmeadow, MA. Her particular interest continues to include the field of general health and wellness, as well as Public Health policy and making a difference in people's lives through community outreach and balancing inequities identified within the communities with which she works.

Skills

- MAVEN Microsoft Excel Microsoft Word
- Google Suite
- MySQL
- Sharepoint
- Microsoft Teams Zoom Skype
- Highly Organized and Detail Oriented
- Able to Work Independently as Well as in a Team Able to Multi-Task Tableau Asana
- Microsoft PowerPoint

Experience

Town of | Longmeadow, MA
Public Health COVID Case Manager
04/2021 - 04/2022

- Supports Longmeadow Public School system in contact tracing, COVID consulting, parental advising as well as helping to implement any DESE/ DPH protocol.
- Makes recommendations, to help lower risk of transmission of COVID-19, based on investigation of COVID-19 cases to stop outbreaks and decrease the risk of future transmission.
- Educates businesses and community leaders on COVID-19 transmission, testing, and strategies to decrease risk of spread in their specific setting.
- Attends all high-level stakeholder and town meetings to advise on COVID-19 and Advises Town, Manager, Fire Chief and Health Director on new CDC, DPH and DESE protocol surrounding vaccination and COVID-19.
- Created and implemented a self reporting system for the 15,000 residents of Longmeadow.
- Created a database and flow chart for HR dept concerning town employees.
- Created a self reporting system for school district, and town.
- Created a workflow and methodology for a "Long COIVD" study of residents.

Partners in Health, Massachusetts CTC
Outbreak Specialist
11/2020 - 04/2021

- Made recommendations to help lower risk of transmission of COVID-19, based on investigation of COVID-19 clusters in order to stop outbreaks and decrease the risk of future clusters.
- Helped guide Massachusetts' response to COVID-19 outbreaks in partnership with public health nurses and epidemiologists.
- Educated businesses and community leaders on COVID-19 transmission, testing, and strategies to decrease risk of spread in their specific setting.

- Lead cluster investigations in the Higher Education division of the CTC, which includes managing teams upwards of 15+ Case Investigators.
- Communications between all stakeholders
- Input all data into MAVEN and the CRM databases,
- Built case maps for both internal and external presentation based on findings of investigation.

Partners In Health
Case Investigator/Unit Lead
09/2020 - 11/2020

- Partners in Health, Massachusetts CTC, Conducted outbound calls relative to cases in efforts to trace exposure to COVID-19.
- Supported cases and contacts in their isolation and quarantine process.
- Provided education to the public surrounding COVID-19 and current isolation and quarantine protocols.
- Supported relationships with students, faculty and their families throughout the quarantine and isolation process.
- Provided administration and logistical support to cluster investigations, Higher Education Case Investigators and Contact Tracers in daily tasks and trainings.

Gift of Health, Chinese Medicine Clinic | Amherst, MA
Office Business Manager
03/2015 - 03/2020

- Was responsible for overall office management, including updating Quickbooks accounts (invoices and payments) , and organizing and updating all patients' records on a regular basis.
- Data entry
- Led marketing and promotions including management of all social media platforms.
- Served as the main interface with patients, scheduling appointments, facilitating communications between patients and the business owner, and driving a strong customer service culture.
- Assisted in making prescriptions for patients.

Raven Crest Botanicals | Berne, NY
Herbal Apprentice
08/2014 - 01/2015

- Herbal Apothecary and Farm
- Assisted master herbalist in making herbal medicinal tinctures, teas and cosmetic products
- Managed herbal gardens and greenhouses
- Sold products and attended to clients
- Contact : -Susana Raeven susanna@ravencrestbotanicals.com
- Achievements/Tasks
- Tasks/Achievements
- Tasks/, Small apothecary and farm
- Assisted master herbalist in making herbal medicinal tinctures, teas and cosmetic products
- Managed herbal gardens and greenhouses
- Sold products and attended to clients

Santa Teresa | Costa Rica
Clinic Director
03/2012 - 08/2014

- Wellness Institute, with a focus on nutrition and colon hydrotherapy. Made sure monthly/ quarterly budget and goals were met and kept within bounds.
- Managed all bookings and financial transactions.
- Ordered and maintained all inventory.
- Assisted Dr. on site.
- Lead multiple group cleanses, yoga classes and nutrition workshops.

Ranchot Margot, Arenal | Costa Rica
Yoga Teacher/Farm Assistant

- Ran the yoga program and helped in the garden of a 100 acre self sufficient farm/ retreat center in the rainforest of Costa Rica.

11/2010 - 08/2013

- Taught yoga daily.
- Ran yoga programs for visiting groups.
- Worked as an assistant in the garden/farm on property caring for the animals and tending to the vegetables/fruit.
- Brought yoga and herbal medicine to rural communities within Costa Rica.

Education and Training

George Washington University | Washington, Washington DC, DC
Master's in Public Health
04/2023-04/2024

Simmons University | Boston, MA
Master's in Public Health
06/2022- 01/2023

American University | Washington, Washington DC, DC
Interdisciplinary- Marketing, Sociology and Criminal Justice
05/2010

Interests

SUPPORTED CAUSES: Partners in Health , BStrong, ACLU, Amnesty International, BLM, LGBTQIA.
INTERESTS: Public Health Policy, Yoga, Travel, Cooking, Epidemiology, Western and Eastern Herbalism, Interior Design, Permaculture and Sustainability

Languages

English:
Native/ Bilingual

French:
Professional

Spanish:
Limited

Jack Sullivan

Boston, MA 02124 | Ex. 6 - Personal Privacy (PP) | Ex. 6 - Personal Privacy (PP) | Twitter: Ex. 6 Personal Privacy (PP)

Profile

Communications professional and recognized investigator with record of success in the public health arena. Successful staff manager who consistently assists others to maximize their abilities.

Professional Highlights

Partners In Health, Community Tracing Collaborative, Boston, MA 2020–2021

Outbreak Specialist—Epidemic Intelligence Unit

- Assisted in identifying potential clusters using various data and investigative methods, including evaluating cluster escalations, data mining in the CRM, and proactively monitoring likely clusters.
- Acted as lead investigator for identified clusters, including coordinating with frontline CIs/CTs, collecting additional information. Created and updated clusters in MAVEN.
- Identified response steps based on cluster origin, what role the CTC had been asked to play in the response, and what local partners the CTC had.
- Extracted data from MAVEN and CRM for analyses and presentation with state and local stakeholders.
- Linked with all relevant local health partners on cluster investigation and response, and liaised with relevant CTC and DPH team members.
- Collaborated with team to identify gaps in cluster response strategy, and implemented solutions.

Contact Tracer / Lead Case Investigator

- Reached out to patients who had tested positive for COVID-19 to offer support and collect information regarding where they had been and who they had been in contact with.
- Investigated close contacts to identify potential carriers.
- Offered information on protocols for safely isolating and quarantining, and performed follow-up monitoring and support calls.

CommonWealth magazine, Boston, MA 2009–2018

Senior Investigative Reporter

- Provided in-depth enterprise and investigative reporting for long-form stories for nonprofit digital magazine focusing on public policy issues in Massachusetts.
- Wrote and reported localized investigative pieces for variety of local media outlets through cooperative and innovative distribution agreement.

Additional Relevant Experience

GateHouse Media
Editorial Page Editor, The Patriot Ledger, Quincy, MA
News Editor, The Enterprise, Brockton, MA
City Edition Editor, The Patriot Ledger, Quincy, MA

Eastern Nazarene College, Quincy, MA
Adjunct Professor

Boston Herald, Boston, MA
Executive City Editor, Enterprise and Investigative Reporter, Education Beat Reporter, Court Beat Reporter, General Assignment Reporter

Boston Globe, Boston, MA
General Assignment Reporter, Political Reporter, Correspondent

Boston, MA 02124 | Ex. 6 - Personal Privacy (PP) | Ex. 6 Personal Privacy (PP) | Twitter: Ex. 6 Personal Privacy (PP)

Recognition

NEPA: 1st Place Award for business reporting on sale of Red Sox
NEPA: 1st Place Award for investigative reporting on church properties
Inland Press Association: 2nd Place for Editorial Excellence
Association of Capitol Reporters and Editors: 1st Place, in-depth reporting on Special Education Funding
Association of Capitol Reporters and Editors: 2nd Place, in-depth reporting on Boston Redevelopment Authority
Regular guest on numerous national/international television/radio news shows; panel member on statewide telecasts of debates including lieutenant governor, attorney general, and U.S. Senator
Invited by U.S. State Department and Japanese government to address symposium in Sendai on Urban Planning and Growth

Community Involvement

Founding Member, Board of Directors, Julie Rodick Scholarship Foundation for UMass graduate students
Participant, Mentoring Program for inner-city middle school students

Education

University of Massachusetts, Boston, MA
English and History; Political Science Minor; Communications Concentration, Creative Writing

Susan Worgaftik
Ex. 6 Personal Privacy (PP)
Greenfield, MA 01301
Ex. 6 Personal Privacy (PP)

Home phone: Ex. 6 - Personal Privacy (PP)
Cell phone: Ex. 6 - Personal Privacy (PP)

Objective: Creative administrator with track record of developing and sustaining innovative projects seeks new challenges. Experienced organizational troubleshooter who has reorganized dysfunctional organizations. Highly developed interpersonal skills working closely with individuals and organizations from many social, racial and ethnic communities. Strong fiscal management and fundraising skills.

Accomplishments: In 8years at University of Massachusetts Amherst, worked with faculty and staff to raise $7 million per year for campus projects.

Prior to work at UMass, developed innovative organization from inception to creation of a project incorporating 7 programs, $750,000 budget, serving approximately 1100 people annually.

Prior to work at UMass, raised over $1 million annually for programming and collaborating organizations through proposals, legislative initiatives, and private foundations

Developed team approaches to the creation and institution of systems, including paper-based and computer-based systems, to support growth of programs.

Reorganized benefits office responsible for $20 million pension fund including the distribution of a concluded defined benefit pension plan; ice supervising $9 million health benefit plan serving 3500 primary and 7000 secondary beneficiaries.

Created administrative systems for new housing and education benefits.

Experience:

2011-present **Retired**

Active in community organizations including Lunt Neighborhood Action Group, Housing Greenfield and Greening Greenfield

2003-2011 University of Massachusetts Amherst, Amherst, MA

Director, Foundation Relations

Worked with faculty and staff on proposals which raised $1.5 million in research and program funds for the Amherst campus. Included in this was more than $750,000 in funds from foundations new to the campus or which had not funded campus projects in 5 years or more.

1992-2003 Federated Dorchester Neighborhood Houses, Inc. Dorchester, MA
Director, Dorchester Center for Adult Education
Created and developed Dorchester Center for Adult Education and its programs including This Neighborhood Means Business!, Dorchester Community Action Network, and the Dorchester Public Media Project

1989-1992 Greater Boston Hotel Employees, Local 26 Trust Funds Boston, MA
Administrator
Reorganized service provision systems for health and welfare, pension, education, legal and housing trust funds.

1977-89 Federated Dorchester Neighborhood Houses, Inc. Dorchester, MA
Development Planner/Contracts Manager
Developed and managed 33 state and city human service contracts totaling $4 million. Wrote proposals for both public sources and private foundations/corporations. Monitoring of service provision.

1980-83 Federated Dorchester Neighborhood Houses, Inc. Dorchester, MA
Director, Multi-Cultural Student Leadership Program of Panel of Agency Executives (on loan half-time from FDNH)
Developed and supervised program involving 120 Boston middle and high school students, 12 teachers, 6 social workers.

1976-77 Division of Alcoholism, Commonwealth of MA Boston, MA
Coordinator of Interagency Relations
Coordinated programs with other state agencies.

1975-76 Boston Community Schools, City of Boston Boston, MA
City-wide Board Coordinator
Coordinated communication and training for 10 local boards.

1974-75 Division of Drug Rehabilitation, Commonwealth of MA Boston, MA
Coordinator, Boston Area Self-Help Coalition
Coordinated communication for community groups dealing with state and city.

1973 Project Turnabout Hull, MA
Director of Education
Developed alternative and vocational education for residents in drug treatment.

1971-72 Urban Systems Research and Engineering Cambridge, MA
Research Analyst
Analysis of relationship between housing and children's educational growth.

1970-71 Creative Learning Group Cambridge, MA
Director of Educational Planning

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Wrote and designed K-6 drug education program and supplementary text.

1970 University of Hartford Hartford, CT
Center Director, Migratory Children's Program
Coordinated program for outreach and education of children of tobacco workers.

1969-70 Social Research Corporation New York, NY
Trainer
Large and small group job readiness trainer.

Boards:

Franklin County Regional Housing and Redevelopment Authority 2022-
City of Greenfield Community Preservation Committee 2022-
Franklin County Community Development Corporation, member 2005-2012
Dorchester Bay Economic Development Corporation Loan Fund, member 2002-2003
Massachusetts Micro-Enterprise Coalition, member 1996-present, President 1998-2000
Boston Greenspace Alliance Board, member 2001-2003
Community Business Network Advisory Board, member 1998-2003
Bowdoin-Geneva Main Streets Board, Dorchester, MA, member 1996-2003, Treasurer 1999-2003

Education:

6/1976 Boston University Boston, MA
Masters in Social Services
Areas of concentration: Social Services Administration, Social Planning, Community Organization

6/1969 Columbia University New York, NY
Master of Arts in Teaching
Area of concentration: Teaching of Social Studies in Urban Secondary Schools

6/1968 University of Connecticut Storrs, CT
Bachelors of Arts (Magna Cum Laude)
Areas of concentration: English and History

Academic Honors: Phi Beta Kappa
Phi Kappa Phi
Honors Program, University of Connecticut, 1964-68
Mortar Board (National Women's Honorary)
Phi Alpha Theta (History Honorary)

References upon request

ED_016126_00000216-00034

GLEN A. AYERS, R.S., C.H.O.

Soil Scientist, B.S., M.S.
MA Registered Sanitarian #1318
Massachusetts Certified Health Officer #375
MA DEP/NEIWPCC Approved Title 5 Soil Evaluator #SE52
MA DEP/NEIWPCC Certified Title 5 System Inspector #SI3136
MA Certified Public Water Supply Facility Operator, Grade VS #7693
MA DPH CLPPP Certified Code Enforcement Lead Determinator #D3783
FEMA IS-00100 (ICS 100), IS-00200.b (ICS 200), IS-00300 (ICS 300), IS-00700 (NIMS)

Ex. 6 Personal Privacy (PP) **Greenfield, MA 01301**

Ex. 6 - Personal Privacy (PP) **(cell)**

Ex. 6 - Personal Privacy (PP)

PUBLIC HEALTH CERTIFICATIONS and CREDENTIALS:

July 1995 - 2022	**DEP Approved Title 5 Soil Evaluator, SE52**	*
Dec 1995 - 2022	**DEP Certified Title 5 System Inspector, SI3136**	*
2001, 2007, 2013, 2019	**ServSafe NRA-EF Food Protection Manager Certification, #17807971**	
November 2001 - 2021	**Certified Public Water Supply Operator -Grade VS #7693**	*
July 2002, 2007	**MA DEP Title 5 Workshop for Boards of Health**	
May 2006	**FEMA IS-00100 (ICS 100), FEMA IS-00700 (NIMS)**	
August 2006-2021	**Massachusetts Registered Sanitarian #1318**	*
September 2006	**Presby Enviro-Septic Certification #3734MAES**	
October 2006, 2007, 2008	**MAHB Board of Health Certification Program**	
April 2007 - 2018	**MA DPH CLPPP Code Enforcement Lead Determinator #D3783**	
April 2007, April 2012	**NSPF Certified Pool / Spa Operator CPO #01-321250**	
April 2007, 2010	**Perc-Rite Drip Dispersal System Certification Course**	
March 2008-2021	**Massachusetts Certified Health Officer #375**	*
May 2008-2019	**MA DEP/NEIWPCC Certified Wastewater Treatment Plant Operator Grade 2-Municipal WI #14897**	
June 2015	**American Heart Association Basic First Aid/Heartsaver AED Certification**	
June 2010	**AquaWorx Remediator Certified Designer/Installer #873**	
June 2010	**ADS GEO-flow Pipe Leaching System Certified Designer #272**	
June 2010	**Eljen Geotextile Sand Filter Certified Designer/Installer #1846**	
Fall 2010	**Foundations of Local Public Health Certification Practice Course**	
August 2011	**Aerobic Recovery System by On-Site Treatment Systems Certification**	
May 2012	**FDA Program Standards Self Assessment and Verification Audit Workshop**	
June 2012	**NEIWPCC, Title 5 Soil Evaluator Refresher Class 12S-MA0400**	
November 2012	**FEMA IS-00200b (ICS 200), FEMA IS-00300 (ICS 300)**	
April 2015	**Eljen Mantis M5 Certified Designer/Installer #3077**	

* certifications which require annual continuing education credits (CEUs or TCHs)

May 2017	**Commonwealth of Massachusetts Justice of the Peace, (Commission exp. 5/3/24)**	

City of

GREENFIELD, MASSACHUSETTS

GREENFIELD HEALTH DEPARTMENT

City Hall • 14 Court Square • Greenfield, MA 01301
Phone: Ex. 6 - Personal Privacy (PP) • Fax: Ex. 6 - Personal Privacy (PP)
www.greenfield-ma.gov

Roxann Wedegartner
Mayor

Public Health
Prevent. Promote. Protect.

Jennifer Hoffman, MPH,
Health Director

March 9, 2023

Mr. Jacob Burney
Manager and Program Analyst
Environmental Protection Agency
1200 Pennsylvania Avenue Northwest
Washington, DC 20005

Re: Lunt Neighborhood Epidemiological Study and Action Plan

Dear Mr. Burney,

I am very pleased to write this partner commitment letter for the Lunt Neighborhood Epidemiological Study and Action Plan proposal that is being submitted to the by the Lunt Neighborhood Action Group to the EJCPS grant program.

The City of Greenfield's Health Department has been involved with the Lunt Remediation Site, by collecting documents pertinent to the site from the Department of Environmental Protection as well as the Environmental Protection Agency. Although the remediation process is going well, there is a chance that chemicals (TCE) have been released into the soil and possible water supply. Due to the risks that are associated with TCE, we are researching to see if it has caused adverse effects to the population who live in that region.

The Greenfield Health Department will be providing staffing for the study as it progresses. We will have our part time epidemiologist provide hours to analyze the collected data. The data can range from surveys, laboratory values, comparisons with other contaminated sites, etc. We will also be using our graduate student to provide research and data collection. I will be assisting with research and guidance with the team as well as provide education and outreach to our community.

We look forward to working with the Lunt Neighborhood Action Group to educate the residents of Greenfield about the study and it is being done, as well as the results of the study. We plan to work with our partners in the community to provide assistance as needed.

Sincerely,

Jennifer A. Hoffman, MPH
Health Director, City of Greenfield

VALLEY MEDICAL GROUP

Prevention & Medical Care To Help You Live Better, Longer.

March 1, 2023

Mr. Jacob Burney
Manager and Program Analyst
Environmental Protection Agency
1200 Pennsylvania Avenue Northwest
Washington, DC 20005

Re: Lunt Neighborhood Epidemiological Study and Action Plan

Dear Mr. Burney:
I am very pleased to write this partner commitment letter for the Lunt Neighborhood Epidemiological Study and Action Plan proposal that is being submitted to the by the Lunt Neighborhood Action Group to the EJCPS grant program.

For more than 25 years, Valley Medical Group health care professionals and staff have dedicated themselves to serving residents of the Pioneer Valley in Western Massachusetts, including Greenfield. Each of our Health Centers has a full range of services right in our buildings including:

- Primary care is provided by Family Practitioners, Internists, Nurse Practitioners, and Physician Assistants
- Eye Care is provided by an experienced Optometrist
- Physical Therapists provide a broad range of outpatient services
- Behavioral Health practitioners include psychiatrists, psychologists, social workers, and counselors providing evaluation and treatment for the full range of mental health problems
- Physician's office laboratory and radiology services (X-ray, mammography, ultrasound, and bone densitometry)

At Valley Medical Group, we are committed to helping our patients live better, longer through early detection and preventive medicine. Our goal is to provide care that is effective in preventing illness and health problems wherever possible.

We are pleased to be a partner in the EJCPS proposal submitted by the Lunt Neighborhood Action Group. The epidemiological study that is part of this project could uncover a possibility that residents of the Lunt neighborhood may have been exposed to toxic chemicals including

TCE. The epidemiological study will give us more answers to the levels of exposure and the potential for related illness.

Should the epidemiological study find that residents of the target area require medical testing to ascertain if they require further treatment or monitoring, Valley Medical Group will provide and/or refer individuals for the appropriate tests. We welcome any role the Lunt Neighborhood Action group may have a chance to provide if they are grant funded to support individuals with the cost of medical care and testing, so all who may need this will seek this out regardless of expense.

We look forward to working with the Lunt Neighborhood Action Group to educate our patients about the results of the study, the testing plan that is specifically designed for each patient and providing their test results so that we can plan the next steps in their health care.

Sincerely,



Gina Campbell MSN, RN
Vice President Clinical Operations
Valley Medical Group
329 Conway Street
Greenfield, Massachusetts 01301

CHCFC
Community Health Center of Franklin County

April 3, 2023

Mr. Jacob Burney
Manager and Program Analyst
Environmental Protection Agency
1200 Pennsylvania Avenue Northwest
Washington, DC 20005

Re: Lunt Neighborhood Epidemiological Study and Action Plan

Dear Mr. Burney:
It is with great pleasure that I write this partner commitment letter for the Lunt Neighborhood Epidemiological Study and Action Plan proposal that is being submitted to the by the Lunt Neighborhood Action Group to the EJCPS grant program.

The Community Health Center of Franklin County's (CHCFC) mission is to care for the health of our community by providing excellent medical care to all our patients, regardless of insurance status or income. We believe patients have the right to care and resources that are dignified, respectful, compassionate, accessible, and trustworthy for all in a safe and non-threatening environment regardless of their age, appearance, diagnosis, addiction, disabilities, gender identity, language, national origin, race, religion, sex assigned at birth, sexual orientation, or weight/size.

We recognize that seemingly small barriers can present major obstacles in getting the care that is needed, so we intentionally implement and participate in programs that meet the needs of our community members who are seeking our care.

It is in that context that we are pleased to be a partner in the EJCPS proposal submitted by the Lunt Neighborhood Action Group. We are aware that there is a possibility that residents of the Lunt neighborhood, approximately a mile from our Greenfield offices, may have been exposed to toxic chemicals including TCE. The epidemiological study that this proposal discusses will give us more answers to the levels of exposure and the potential for related illness.

Should the epidemiological study find that residents of the target area require medical testing to ascertain if they require further treatment or monitoring, CHCFC stands ready to provide the appropriate tests to those individuals. We recognize that medical insurance co-pays could discourage individuals to put off these necessary tests. We will work with the Lunt Neighborhood Action Group to develop a system by which the project will pay for those copays, thus breaking down that barrier to care.

Greenfield Medical & Dental
102 Main Street
Greenfield, MA 01301
Tel: Ex. 6 Personal Privacy (PP)

Urgent Dental Care
164 High Street
Greenfield, MA 01301
Tel: Ex. 6 Personal Privacy (PP)

Orange Medical & Dental
119 New Athol Rd
Orange, MA 01364
Tel: Ex. 6 Personal Privacy (PP)

We look forward to working with the Lunt Neighborhood Action Group to educate our patients about the results of the study, the testing plan that is specifically designed for each patient and providing their test results so that we can plan the next steps in their health planning.

We look forward to providing the health care that these residents of our community may require.

Sincerely,



Allison van der Velden, DMD, MPA
Chief Executive Officer

SLINGSHOT POWER FOR PEOPLE NOT POLLUTERS

slingshot.org

March 28, 2023

Mr. Jacob Burney
Manager and Program Analyst
Environmental Protection Agency
1200 Pennsylvania Avenue Northwest
Washington, DC 20005

Re: Lunt Neighborhood Epidemiological Study and Action Plan

Dear Mr. Burney:

It is with great pleasure that I write this partner commitment letter for the Lunt Neighborhood Epidemiological Study and Action Plan proposal that is being submitted by the Lunt Neighborhood Action Group to the EJCPS grant program.

Slingshot's mission is to work alongside communities most impacted by environmental threats to take aim at polluters and build community power. Our goal isn't just to win on local environmental problems—we are building a base of long-term member-leaders who can light the fire for change in their state and across the region. We believe in building an organization that is led by residents of the communities most burdened with environmental pollution and that will help combat systemic environmental injustice.

We understand that an essential step in taking action against environmental health threats is access to clear, comprehensive information. As such, we are excited to partner with the Lunt Neighborhood Action Group to develop materials, both written and for online consumption, and assist in the community education process around the Lunt contamination.

We look forward to working with the Lunt Neighborhood Action Group to educate residents about the results of the study, the testing plan that is specifically designed for each patient, and the next steps that are available to them in their health planning. In addition to developing materials, we will work with LNAG volunteers to organize large group and small group meetings, both online and in person, to ensure that the community has a complete understanding of the depth of the contamination risk and their options in dealing with the related health issues.

Sincerely,

Mireille Bejjani
Co-Executive Director
Ex. 6 - Personal Privacy (PP)
mireille@slingshot.org

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Franklin Regional Council of Governments

April 7, 2023

Mr. Jacob Burney
Manager and Program Analyst
Environmental Protection Agency
1200 Pennsylvania Avenue Northwest
Washington, DC 20005

Re: Lunt Neighborhood Epidemiological Study and Action Plan

Dear Mr. Burney:
It is with pleasure that I write this partner commitment letter for the Lunt Neighborhood Epidemiological Study and Action Plan proposal that is being submitted to the by the Lunt Neighborhood Action Group to the EJCPS grant program.

The Franklin Regional Council of Governments is a regional municipal organization that is the successor to County Government. In addition to our work in planning for emergencies, health improvement, land use and sustainability, wee are the host of the Western Massachusetts Health and Medical Coalition, a local health department serving 15 towns. Our Community Services Department provides public health capacity building and training opportunities to local health departments across the Western MA region. We also serve as the Local Public Health Field Training Hub for Franklin and Hampshire Counties.

We are happy to host an information session for other communities to learn about the model of citizen/scientist/health department collaboration on research proposed in this grant.

Sincerely,

Phoebe Walker

Phoebe Walker
Director of Community Services
Franklin Regional Council of Governments
12 Olive Street, Suite 2, Greenfield MA 01301

Appendix C
Budget

Personnel	• Susan Worgaftik, Co-coordinator @10 hours per week @ Ex. 6 Personal Privacy (PP) in kind • Glen Ayers, Co-coordinator @ 10 hours per week @ Ex. 6 Personal Privacy (PP) in kind	$0
Supplies	• Digital survey tools @ $500 • Miscellaneous supplies @ $500 • 300 $25 gift cards for survey participants=$7500	$8500
Contractual	• Jack Sullivan—epidemiological data; 500 hours @ Ex. 6 Personal Privacy (PP) • Jennifer Hoffman—research supervision 1500 hours @ • Jennifer Siegel—researcher and research coordinator 2500 hours@ Ex. 6 Personal Privacy (PP) • Slingshot—develop 300 1-2 page presentations outlining health impacts and health options for residents; presentation/workshop tailored to Greenfield residents regarding Lunt facility and health impacts; 2-3 large community meetings of 50 or more residents; hold up to 20 small group meetings with families in target area=$13,600 • Bookkeeper 195 hours@ Ex. 6 Personal Privacy (PP) • Speakers for educational programs 5 x 2 hours@ Ex. 6 Personal Privacy (PP)	$133,500

Other	Co-payments for participant for testing averaging $40/visit x 200 visits Franklin Regional Council of Governments Presentations $0	$8,000
Total		$150,000

APPENDIX D

Logic Model

Lunt Neighborhood Epidemiological Study and Action Plan

Resources /Inputs	Activities	Outputs	Audience	Short-Term Outcomes (6-12 months)	Intermediate Outcomes (12-24 months)	Long-Term Outcomes (2+ years)
*In-kind contributions *Volunteers *Partnering Organizations	*Identify partners and establish roles and timelines for work *Identify target area *Statistical analysis of TCE related disease in the target area *Conduct online and mail survey to residents regarding TCE related health issues *Conduct door to door follow-up based upon online and mail survey *Generate report based upon findings	*Quarterly meetings of partners to establish needs, concerns for effective study *300-500 residents reached through online survey, mail-in survey and door to door efforts *350 residents receive results of surveys and door to door efforts through online or in person educational programs *200 residents provided follow-up small group supports and co-payment assistance *Create report from the survey results and online and written materials relating this information *300-500 residents receive the results of the survey information via community meetings online or in person or via written material *Create final report analyzing both the data found and the methodology used to establish that data *26 municipalities of Franklin County Massachusetts receive final report involving data and methodology through region-wide	*Target area residents *Residents of Greenfield, MA *City officials *Regional municipal leaders *Healthcare providers	*Establish the incidence of health concern engendered by the contamination on the Lunt Silversmith site *Establish mechanisms to educate the community in the target area and at large about the findings of the survey and analysis	*Increase understanding of target area residents of the level of health danger that TCE and other related chemicals from the Lunt plant provide to them *Increase understanding of the City of Greenfield, residents of the city, and health providers of the health concerns related to the Lunt contamination	*Support residents of the target are in getting health testing as Required *Report findings and methodology to 26 municipalities of Franklin County Massachusetts

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	of surveys and online follow-up *Generate educational materials (written and online) based upon report *Large group educational programming about general findings of the statistical analysis and the survey information in person and online *Small group /individual meetings based upon the survey and report and resident needs *Target area-wide campaign to	meeting if municipal leaders				

	encourage those who require medical testing to get those tests *Gather aggregate information based upon work done in years 1 and 2 to provide a final report *Provide information to other communities in the region on project methodology and results for their use.					

APPENDIX E

Office of Environmental Justice and External Civil Rights Quality Assurance Project Plan Requirement (QAPP)

Check Yes or No for each of the items provided below as it applies to your specific project. If you answered **YES** to any of the items listed above, you are **REQUIRED TO SUBMIT** a Quality Assurance Project Plan in accordance with EPA Requirements and an approved QAPP must be in place ***prior*** to the initiation of activities.

You will be contacted with information on how to prepare your QAPP. In the meantime, please visit the website https://www.epa.gov/sites/default/files/2015-06/documents/g5-final.pdf which provides guidance on what must be submitted for grants/cooperative agreements.

1. Your project will involve the collection of groundwater, soil, sediment, surface water, air, biota or fauna samples for chemical or biological analysis. Yes _No x
2. Your project will use existing computer databases containing analytical data or personal information previously collected. Yes x _No _
3. Your project will use existing historical research pertaining to this project or application. Yes x _No _
4. Your project will implement deed searches for current property or site. Yes _No x _
5. Your project will conduct medical records search for the population covered in the grant. Yes _No _
6. Your project will compile meteorological data to determine weather trends or air mixing trends. Yes _No x _
7. Your project will use existing statistical studies or will conduct these studies as part of the project. Yes x _No _
8. Your project will create a new database based on the information gathered. Yes x _No _
9. Your project will use this information for litigation purposes. Yes _No x _
10. Your project will use this information to make reservations on environmental decisions Yes x _No

EPA KEY CONTACTS FORM

OMB Control No. 2030-0020
Approval expires 06/30/2024

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2030-0020). Responses to this collection of information are required to obtain an assistance agreement (40 CFR Part 30, 40 CFR Part 31, and 40 CFR Part 33 for awards made prior to December 26, 2014, and 2 CFR 200, 2 CFR 1500, and 40 CFR Part 33 for awards made after December 26, 2014). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information is estimated to be 0.5 hours per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Ms. First Name: Susan Middle Name: Carol
Last Name: Worgaftik Suffix:

Title: Vice President

Complete Address:

Street1: Ex. 6 Personal Privacy (PP)
Street2:
City: Greenfield State: Massachusetts
Zip / Postal Code: 01301 Country: USA

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: Ex. 6 Personal Privacy (PP)

Payee: *Individual authorized to accept payments.*

Name: Prefix: Mr. First Name: Glen Middle Name:
Last Name: Ayers Suffix:

Title: President

Complete Address:

Street1: Ex. 6 Personal Privacy (PP)
Street2:
City: Greenfield State: Massachusetts
Zip / Postal Code: 01301 Country: USA

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: Ex. 6 Personal Privacy (PP)

EPA KEY CONTACTS FORM

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: Ms. First Name: Susan Middle Name: Carol
Last Name: Worgaftik Suffix:

Title: Vice President

Complete Address:

Street1: Ex. 6 Personal Privacy (PP)
Street2:
City: Greenfield State: Massachusetts
Zip / Postal Code: 01301 Country: USA

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: Ex. 6 Personal Privacy (PP)

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: Ms. First Name: Susan Middle Name: Carol
Last Name: Worgaftik Suffix:

Title: Vice President

Complete Address:

Street1: Ex. 6 Personal Privacy (PP)
Street2:
City: Greenfield State: Massachusetts
Zip / Postal Code: 01301 Country: USA

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: Ex. 6 Personal Privacy (PP)

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LUNT NEIGHBORHOOD ACTION GROUP, INC.

Ex. 6 Personal Privacy (PP)
GREENFIELD, MA 01301
Ex. 6 Personal Privacy (PP)

Mr. Jacob Burney
Manager and Program Analyst
Environmental Protection Agency
1200 Pennsylvania Avenue Northwest
Washington, DC 20005

Re: Lunt Neighborhood Epidemiological Study and Action Plan Certification of Staffing re: Small CBO Set Aside

This is to certify that the Lunt Neighborhood Action Group is an all-volunteer organization. We have no staff and, therefore, qualify for the Small CBO Set Aside.

Glen Ayers, President

Glen A. Ayers

Date

4/7/2023

Notary:

MASSACHUSETTS NOTARY ACKNOWLEDGEMENT

Commonwealth of Massachusetts
County of Franklin

On this 7 of April, 2023, before me, the undersigned notary public, Glen Ayers personally appeared, proved to me through satisfactory evidence of identification, which were Drivers license, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Madison M. Mientka
Notary Public Signature

My Commission Expires:2/3/2028

Madison Mientka
Notary Public
COMMONWEALTH OF MASSACHUSETTS
My Commission Expires
02/03/2028

IRS DEPARTMENT OF THE TREASURY
INTERNAL REVENUE SERVICE
CINCINNATI OH 45999-0023

Date of this notice: 04-04-2022

Employer Identification Number:
88-1566070

Form: SS-4

Number of this notice: CP 575 E

LUNT NEIGHBORHOOD ACTION GROUP
Ex. 6 Personal Privacy (PP)
GREENFIELD, MA 01301

For assistance you may call us at:
Ex. 6 - Personal Privacy (PP)

IF YOU WRITE, ATTACH THE
STUB AT THE END OF THIS NOTICE.

WE ASSIGNED YOU AN EMPLOYER IDENTIFICATION NUMBER

Thank you for applying for an Employer Identification Number (EIN). We assigned you EIN 88-1566070. This EIN will identify your entity, accounts, tax returns, tax returns, and documents, even if you have no employees. Please keep this notice in your permanent records.

Taxpayers request an EIN for business and tax purposes. Some taxpayers receive CP575 notices when another person has stolen their identity and are operating using their information. If you did **not** apply for this EIN, please contact us at the phone number or address listed on the top of this notice.

When filing tax documents, making payments, or replying to any related correspondence, it is very important that you use your EIN and complete name and address exactly as shown above. Any variation may cause a delay in processing, result in incorrect information in your account, or even cause you to be assigned more than one EIN. If the information is not correct as shown above, please make the correction using the attached tear-off stub and return it to us.

When you submitted your application for an EIN, you checked the box indicating you are a non-profit organization. Assigning an EIN does not grant tax-exempt status to non-profit organizations. Publication 557, Tax-Exempt Status for Your organization, has details on the application process, as well as information on returns you may need to file. To apply for recognition of tax-exempt status, organizations must complete an application on one of the following forms: Form 1023, Application for Recognition of Exemption Under Section 501(c)(3) of the Internal Revenue Code; Form 1023-EZ, Streamlined Application for Recognition of Exemption Under Section 501(c)(3) of the Internal Revenue Code; Form 1024, Application for Recognition Under Section 501(a); or Form 1024-A, Application for Recognition of Exemption Under Section 501(c)(4) of the Internal Revenue Code.

Nearly all organizations claiming tax-exempt status must file a Form 990-series annual information return (Form 990, 990-EZ, or 990-PF) or notice (Form 990-N) beginning with the year they legally form, even if they have not yet applied for or received recognition of tax-exempt status.

If you become tax-exempt, you will lose tax-exempt status if you fail to file a required return or notice for three consecutive years, unless a filing exception applies to you (search www.irs.gov for Annual Exempt Organization Return: Who Must File). We start calculating this three-year period from the tax year we assigned the EIN to you. If that first tax year isn't a full twelve months, you're still responsible for submitting a return for that year. If you didn't legally form in the same tax year in which you obtained your EIN, contact us at the phone number or address listed at the top of this letter. For the most current information on your filing requirements and other important information, visit www.irs.gov/charities.

(IRS USE ONLY) 575E 04-04-2022 LUNT O 9999999999 SS-4

IMPORTANT REMINDERS:

* Keep a copy of this notice in your permanent records. This notice is issued only one time and the IRS will not be able to generate a duplicate copy for you. You may give a copy of this document to anyone asking for proof of your EIN.

* Use this EIN and your name exactly as they appear at the top of this notice on all your federal tax forms.

* Refer to this EIN on your tax-related correspondence and documents.

* Provide future officers of your organization with a copy of this notice.

Your name control associated with this EIN is LUNT. You will need to provide this information along with your EIN, if you file your returns electronically.

Safeguard your EIN by referring to Publication 4557, Safeguarding Taxpayer Data: A Guide for Your Business.

You can get any of the forms or publications mentioned in this letter by visiting our website at www.irs.gov/forms-pubs or by calling Ex. 6 Personal Privacy (PP) Ex. 6 - Personal Privacy (PP)

If you have questions about your EIN, you can contact us at the phone number or address listed at the top of this notice. If you write, please tear off the stub at the bottom of this notice and include it with your letter.

Thank you for your cooperation.

Keep this part for your records. CP 575 E (Rev. 7-2007)

Return this part with any correspondence so we may identify your account. Please correct any errors in your name or address.

CP 575 E

9999999999

Your Telephone Number ( ) -

Best Time to Call

DATE OF THIS NOTICE: 04-04-2022

EMPLOYER IDENTIFICATION NUMBER: Ex. 6 Personal Privacy (PP)

FORM: SS-4 NOBOD

INTERNAL REVENUE SERVICE
CINCINNATI OH 45999-0023

LUNT NEIGHBORHOOD ACTION GROUP
Ex. 6 Personal Privacy (PP)
GREENFIELD, MA 01301

Ex. 6 Personal Privacy (PP)
Electric Vehicle and Solar Energy Specialist
Bryant Pond, ME 04219
Ex. 6 - Personal Privacy (PP)

Work Experience

Founder, Director of Electric Vehicle Sales, Manager
Paris Autobarn LLC - South Paris, ME
February 2014 to 2022

Project Manager & Chair, Transportation Working Group
Center for an Ecology-Based Economy (CEBE) - Norway, ME
January 2016 to December 2019

Member, Board of Directors
Center for an Ecology-Based Economy (CEBE) - Norway, ME
September 2015 to December 2019

City Captain - National Drive Electric Week
Plug in America - South Paris, ME
September 2016 to September 2018

Member, Board of Directors
Norway Paris Solid Waste - Norway, ME
August 2015 to September 2017

Honda Factory Trained Automotive Technician
Lee Honda - Auburn, ME
January 2006 to December 2013

Automotive Technician
Lee Auto Mall - Auburn, ME
January 2005 to December 2006

Automotive Recycling Technician
M&P Auto Parts - Auburn, ME
January 2003 to January 2005

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)
Otisfield, Maine 04270
Ex. 6 - Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)

EDUCATION

University of Southern Maine, Gorham, ME — August 2006
Masters Degree in Teaching and Learning

University of Southern Maine, Gorham, ME — May 2003
Extended Teacher Education Program
K-8 Maine Teacher Certification

Greenfield Community College, Greenfield, MA — May 1999
Outdoor Leadership Program
Certificate in Outdoor Leadership

Salt Center for Documentary Field Studies, Portland, ME — Spring 1994
Writing Concentration/Literary Journalism

Wheaton College, Norton, MA — May 1993
B.A. English Literature
Cum Laude Honors

RELEVANT WORK EXPERIENCE

Education and Programming Director, Co-Founder, Center for an Ecology-Based Economy (CEBE), Norway, ME
2013-Present

- Organized and implemented educational programming for the public including, but not limited to films, informational speakers, panel discussions, and workshop events
- Designed and delivered professional development to educators on topics including place-based education, project-based learning, systems thinking, and service learning, and transitioning to outdoor learning
- Collaborated with local elementary schools in modeling outdoor lessons, routines, and procedures, all aligned with current curriculum and standards

Administrative Coordinator, The Boxberry School, Harrison, Maine
2015-2020

- Acted as the school principal for small, independent school
- Hired and coached staff, taught students and mentored teachers in Forest Friday model
- Implemented Educating for Sustainability as framework for curriculum with the focus on place-based education
- Designed Specials by hiring local community members with special talents or skills to offer to students
- Handled recruitment and enrollment and routine parent communication
- Coordinated finances and prepared monthly reports for board meetings
- Planned and executed annual fundraisers

CERTIFICATIONS, PROFESSIONAL DEVELOPMENT, & AFFILIATIONS

Maine Teacher Certification- K-8; *expires 1/17/2026*
Nature-Based Teacher Certification- Level 1 *Eastern Region Association of Forest and Nature Schools Nature*
Educating for Sustainability Summer Institute, Shelburne Farms, VT- *Summer 2019*
Educating for Sustainability Leadership Academy- *Shelburne Farms, VT- 2019-2022*
Western Foothills Inside-Outside Chapter Leader- *Inside-Outside Nature Based Educators (Antioch University New England)*
Nature Based Education Consortium of Maine - Co-Chair of Local Outdoor Learning Advocacy Working Group- *2020-present*
Maine Environmental Education Association- Maine Climate Education Summit- Planning Team *Summer 2021*
Member and Co-lead Educator of Western Maine Connected Learning Ecosystem- *Educator Network facilitated by Gulf of Maine Research Institute, 2021-present*

PERSONAL PASSIONS

Sleeping in the woods, running, hiking, reading, skijoring, and anything outside with my husband, 2 daughters, and dog.

Ex. 6 Personal Privacy (PP) Otisfield, Maine, Ex. 6 Personal Privacy (PP) @ecologbasedeconomy.org

Work Experience

Founding Executive Director, Center for an Ecology-Based Economy (CEBE) 2013-present

- Leading a 501c3 organization with six full-and part-time staff to mount a community-driven response to climate instability, resource depletion, and food insecurity. Primary grant-writer and fundraiser. Budget for 2022/23 FY of over $300,000
- Co-creating innovative, climate related projects including a Regional EV charging network, community food forest, bulk ordering of supplies for local growers, community solar and affordable housing cooperatives, and countless sustainability related workshops and gatherings.
- A founding Board member of Maine Climate Action *NOW!* (MCAN) of which CEBE is a Core Member

Co-Coordinator, Maine Network of Community Food Councils, (MNCFC) 2019-2021

- Facilitate monthly information sharing sessions between the growing network of Maine's Community Food Councils
- Represent MNCFC in the Maine Food Convergence Project, partnering with Maine Food Strategy, Maine Gleaning Network, Maine Farm to Institution, and Maine Climate Action *NOW!*. Chair of Regional Dialogues Work Group.

Board of Directors, Oxford Hills Technical School, 2020-Present

- Joined on the invitation of the Director. Goal is to implement programs to prepare students for opportunities in the emerging green economy, including the regenerative agriculture and renewable energy sectors.

Co-founder and Semiotics Director, Moose Pond Arts+Ecology (MPA+E) 1999–2013

- Helped build and manage a small Maine-based marketing and design firm with a core team of six employees and numerous contractors. Annual revenues exceeded $500,000 in peak years.
- Provided strategy, writing, photography, and permaculture design services to national and local ecologically and community focused, businesses, organizations, publications, and individuals.
- MPA+E designed, produced, and mailed seasonal gardening catalogs for Seeds of Change Organic Seeds from 2001 through 2011 with press runs nearing a million copies annually. Increased sales over 500% in ten years.

Photography and Writing, 1989 – 2013

- Photographed for several food system and shelter related books, including **Ex. 6 Personal Privacy (PP)** **Ex. 6 Personal Privacy (PP)** Ex. 6 Personal Privacy (PP)
- Freelance writing and photography for national and regional publications on subjects such as Maine's grain renaissance, alternative crops for northern climates, electric vehicles and solar energy.

Public Speaking and Teaching 1984- Present

- Teaches and lectures widely on Permaculture, seed saving, and the relationship between the food system and climate.
- Recent public speaking engagements include: Mitchell Center Sustainability and Water Conference, Alternative Economies Conference, Maine Network of Community Food Councils Summit, Sierra Club Climate Conference, AVCOG Annual Planners Meeting, Sustainable Living Center, Fairfield Iowa, Colby's Maine College Climate Conference, Cobscook Institute, the Principle 6 Conference, Oxford County Soil and Water District Annual Meeting,
- Adjunct Faculty in the Sustainable Living Department at Maharishi University from 2017-2019. Taught three, month-long Permaculture Designer's Courses and an Applied Permaculture class for college credit.
- Regular engagement with Students from Oxford Hills Middle School, Hebron, and Gould Academies

Education

- University of New Mexico, Master of Fine Arts, Photography, 1997
- University of New Mexico, Master of Arts, Minor in Art History, 1990
- Portland School of Art Bachelor of Fine Arts, Photography, 1984
- Unity College, Environmental Science, 1976

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Ex. 6 Personal Privacy (PP)@ecologybasedeconomy.org | Ex. 6 Personal Privacy (PP)

EXPERIENCE

Center for an Ecology-Based Economy, Norway, ME
Climate Resiliency Program Manager **June 2022-Present**

- Coordinates with municipalities to complete enrollment materials for Maine's Community Resilience Partnership
- Plans, promotes, and facilitates public engagement meetings in small towns to discuss climate change and prioritize resilience projects
- Collaborates with town officials, CEBE staff, and contractors to write resilience grants

Environmental Policy, Planning, and Sustainability Lab, Durham, NH
Graduate Student Researcher **September 2020-Present**

- Synthesized literature reviews on just climate adaptation and environmental justice mapping
- Developed research design to study the development and use of environmental justice mapping tools at state, regional, and local levels in the United States
- Collects and analyzes data through surveys, interviews, and search-based database of tools

Natural Resources and the Environment, University of New Hampshire, Durham, NH
Teaching Assistant **August 2020-May 2022**

- Taught three courses: Natural Resources and Environmental Policy, a writing intensive course with weekly discussion sections; Introduction to GIS, a computer lab-based course; and Contemporary Conservation Issues, a 160-person general education course
- Helped design and lead lectures, activities, and group discussions on topics such as climate anxiety, food systems, and environmental justice
- Tracked progress and supported a range of 25 to 160 students in class, during office hours, and over email

Inch and Meter, PC, Philadelphia, PA
Environmental Professional **September 2019-May 2022**

- Assisted with writing and led design of Philadelphia's 2019 GHG Inventory Summary
- Conducted technical research and data entry for clients and project proposals
- Designed company website, proposal templates, business cards, and other graphic materials

New Hampshire Coastal Adaptation Workgroup, Durham, NH
Intern, UNH Cooperative Extension Internship Program **May-September 2021**

- Developed social media plan to guide the volunteer social media team and future interns
- Participated in workgroup meetings on topics such as regional capacity-building, local climate vulnerability, and resilience planning

Klein Global Opportunities, Philadelphia, PA
Program Assistant **August 2018-May 2020**

- Advised students and promoted study abroad programs through class presentations, walk-in hours, and email correspondence
- Managed team of four Peer Advisors and provided feedback on graphics, blog posts, program research, and other projects
- Researched in-location activities and lodging to plan future study away programs

Temple University Office of Sustainability, Philadelphia, PA
Digital Media Marketer **August 2017-December 2019**

- Oversaw all social media communication, including content creation and responses to individual inquiries on topics ranging from climate action to waste reduction
- Synthesized observations of other accounts, secondary research, and account analytics to create communication strategy guidebook
- Participated in event planning and execution to increase sustainability awareness on campus

The Public Interest Network, Philadelphia, PA
Video for Social Change Intern **May-August 2019**

- Edited videos on various sustainability and public health topics for use by national network of organizations
- Conducted photo research for use on social media, newsletters, and mailers
- Filmed promotional content for PennEnvironment, the local branch of the network

EDUCATION

University of New Hampshire, Durham, NH **In Progress**
MS, Natural Resources
Advisor: Ex. 6 Personal Privacy (PP) Thesis: Environmental Justice Mapping
Awards: Sustainability Champion, Summer Teaching Assistant Fellowship, Graduate Teaching Award

Temple University, Klein College of Media and Communications, Philadelphia, PA
GPA: 3.97 **December 2019**
BA, Environmental Studies and Communication Studies, Thesis Track
Advisor: Ex. 6 Personal Privacy (PP) Thesis: Nonprofit Climate Communication
Awards: Fulbright Award (declined due to COVID-19), Livingstone Research Award, Schafer Award for Social Action, Lambda Pi Eta Communications Honor Society, Pelican Water Sustainability Video Scholarship, Klein GO Multimedia Award, Titus Essay Prize

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Ex. 6 Personal Privacy (PP)

Education

Middlebury College
Middlebury, VT
Degree: Bachelor of Arts in Environmental Studies – Nonfiction Writing, Magna cum Laude
May 2011
GPA: 3.77

Work Experience

The Friendly Ewe
Owner-Operator (January 2017-present)
Duties: Built a local sheep dairy and wool enterprise from the ground up. Navigated licensing, managing sheep, milking, building infrastructure, developing product, marketing, website and social media, and record-keeping.

Center for an Ecology-Based Economy
Communications and Project Coordinator (March 2020-present)
Supervisor: Ex. 6 - Personal Privacy (PP)
Norway, ME
Duties: Managed all aspects of communications for a small nonprofit, including weekly newsletter, social media, press releases, website content, flyers, advertising, and outreach. Performed all bookkeeping and banking tasks and filed taxes. Maintained donor management system and managed donor relationships. Maintained office space, physically and virtually, including all applications for financial management, online collaboration, and event hosting. Facilitated meetings and worked in coalition with partner organizations. Assisted with event and workshop planning and execution. Coordinated volunteers and managed projects related to food, transportation, and energy. Collaborated with staff on grant writing and fundraising campaigns.

Big Brothers Big Sisters of Mid-Maine
Community-Based Manager (January 2018-February 2020)
Supervisor: Ex. 6 - Personal Privacy (PP)
Augusta, ME
Duties: Managed a caseload of 25 or more pairs of volunteers and youth facing adversity. Presented public information sessions to recruit new volunteers. Screened, interviewed, and trained volunteers and families. Supported matches, provided coaching to deepen relationships, monitored safety. Facilitated introductions, conflict resolution, and match closures. Trained new staff. Developed monthly newsletter, child development resources, and data tracking systems. Managed social media presence.

Outward Bound USA
Freelance Writer (2017-2022)
Editor: Ex. 6 - Personal Privacy (PP)
Duties: Wrote blog posts on assigned topics and consistently met deadlines, generated new content ideas, and created content for Facebook, Instagram, and Twitter posts.

Voyageur Outward Bound School
Lead Instructor and Staff Trainer (May-August 2012-2017), **Assistant Instructor** (May-August 2011), **Intern** (June-August 2010)
Supervisor: Ex. 6 - Personal Privacy (PP)
Ely, MN
Duties: Led multi-week canoe expeditions for young adults, teenagers, and youth at risk in the Boundary Waters Canoe Area Wilderness. Taught lessons, facilitated group dynamics, planned route, packed food and equipment, supervised canoeing, backpacking, high ropes course, rock climbing, kayaking, service projects. Led training sessions and trips for incoming staff, trained assistant instructors and interns through daily mentorship and feedback. Wrote blog posts, edited staff writing and program manual.

The Progress Center
Behavioral Health Professional (January 2017-March 2018)
Supervisor: Ex. 6 - Personal Privacy (PP)
Norway, ME
Duties: Worked one-on-one with teenagers with disabilities to teach life skills. Recorded data from each shift as part of a treatment plan.

A Wrinkle In Thyme Farm
Farm Hand (January 2014-April 2017)
Supervisor: Ex. 6 - Personal Privacy (PP)
Sumner, ME
Duties: Cared for 30 sheep, chickens, and a draft horse. Gained experience with lambing, maple sugaring, clearing pasture, processing wool, and milking sheep. Managed marketing, online sales, website, social media. Assisted with customer service, volunteer management, and farm events. Sold products at farmers' markets and fairs. Performed routine maintenance and basic carpentry.

University of Maine 4-H Camp and Learning Center at Bryant Pond
Wilderness Instructor (Sept 2015 and 2016, and Jan 2015) and **Field Teacher** (Sept-Nov 2014)
Supervisor: Ex. 6 - Personal Privacy (PP)
Bryant Pond, ME
Duties: Led day and overnight programming for high school students focused on team building, ecology, low and high ropes, canoeing, and survival skills. Led week-long canoeing, backpacking, and snowshoeing expeditions for struggling young adults and trained new instructors. Served as camp medic during school programming.

Related

Literacy Volunteers of Androscoggin tutor, 2019-2022
Nonfiction work published in Permafrost Magazine (2016), Contrary Magazine (2016), Furious Gazelle (2017), Autostraddle.com (2018)
Behavioral Health Professional certification
NAMI Maine Suicide Prevention Gatekeeper Training

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Laura Brion

Address: Ex. 6 Personal Privacy (PP)

City: Providence

State: RI: Rhode Island Zip Code: 02909

B. Unique Entity Identifier (UEI): W7MEUZQ1MY37

C. Applicant/Recipient Point of Contact

Name: Laura

Phone: Ex. 6 - Personal Privacy (PP)

Email: laura@leadsafekids.org

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☒ Yes ☐ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

none

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

none

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

none

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

n/a

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

n/a

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Laura Brion	Executive Director	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Laura | Middle Name:
Last Name: Brion | Suffix:
Title: Executive Director
Complete Address:
Street1: 1192 Westminster St
Street2:
City: Providence | State: RI: Rhode Island
Zip / Postal Code: 02909 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: laura@leadsafekids.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Laura | Middle Name:
Last Name: Brion | Suffix:
Title: Executive Director
Complete Address:
Street1: 1192 Westminster St
Street2:
City: Providence | State: RI: Rhode Island
Zip / Postal Code: 02909 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: laura@leadsafekids.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Laura | Middle Name:
Last Name: Brion | Suffix:
Title: Executive Director
Complete Address:
Street1: 1192 Westminster St
Street2:
City: Providence | State: RI: Rhode Island
Zip / Postal Code: 02909 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: laura@leadsafekids.org

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** | **First Name:** Laura | **Middle Name:** | **Last Name:** Brion | **Suffix:**

Title: Executive Director

Complete Address:

Street1: 1192 Westminster St

Street2:

City: Providence **State:** RI: Rhode Island

Zip / Postal Code: 02909 **Country:** USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: laura@leadsafekids.org

EPA Form 5700-54 (Rev 4-02)

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Gulf of Maine Research Institute

Address: 350 Commercial St

City: Portland

State: ME: Maine Zip Code: 04101-5597

B. Unique Entity Identifier (UEI): JJGPRKQALRL7

C. Applicant/Recipient Point of Contact

Name: Lisa Janicki

Phone: Ex. 6 Personal Privacy (PP)

Email: ljanicki@gmri.org

Title: Director, Sponsored Projects Office

II. Is the applicant currently receiving EPA Assistance? ☒ Yes ☐ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

N/A

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

N/A

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

N/A

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☐ Yes ☒ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☐ Yes ☒ No

c. **Does the notice identify a designated civil rights coordinator?** ☐ Yes ☒ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☐ Yes ☒ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

We recently received EPA funding and are in the process of addressing this.

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

We recently received EPA funding and are in the process of addressing this.

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Lisa Janicki	Director, Sponsored Projects Office	04/13/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

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Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)@leadsafekids.org

Ex. 6 Personal Privacy (PP)

EDUCATION

Bachelor of Arts, Brown University, 2004.

Dual concentrations in public policy (focus: environmental policy) and music.

AWARDS

Dennis Livingston Award for Exceptional Organizing

Presented by the National Safe and Healthy Housing Coalition, May 2014

EXPERIENCE

Executive Director, Childhood Lead Action Project, Providence, RI

Responsibilities: provide general leadership and direction for the organization; oversee implementation and management of all programs; staff and volunteer training, support, and supervision; fund development; fiscal management and oversight; community/media relations; communication and collaboration with board of directors; legislative/policy oversight and advocacy.

February 2017-present

Director of Organizing and Advocacy, Childhood Lead Action Project, Providence, RI

Responsibilities: hiring, training, and providing ongoing support to community organizers and interns; identifying, recruiting, training, and motivating citizen activists; providing moral support and technical assistance to parents, tenants, and homeowners; identifying and engaging local officials, community leaders, and community organizations in advocacy work; developing and implementing campaign strategy; lobbying city, state, and federal officials; meeting facilitation; media outreach (press conference planning, public speaking, writing); basic policy research and analysis; designing and delivering educational presentations; intern project development, training, and supervision; website updates, social media, and basic office tech support.

January 2015-January 2017

Community Organizer, Childhood Lead Action Project, Providence, RI

Responsibilities: identifying, recruiting, training, and motivating citizen activists; providing moral support and technical assistance to parents, tenants, and homeowners; identifying and engaging local officials, community leaders, and community organizations in advocacy work; developing and implementing campaign strategy; lobbying city, state, and federal officials; meeting facilitation; media outreach (press conference planning, public speaking, writing); basic policy research and analysis; designing and delivering educational presentations; intern project development, training, and supervision; website updates, social media, and basic office tech support.

March 2008-December 2015.

Program Associate, Rhode Island Public Interest Research Group

Responsibilities: coalition building, research, public speaking, media outreach, citizen outreach, writing and editing (newsletters, press releases, fact sheets, website materials, etc.), developing political strategy and tactics, neighborhood fundraising, volunteer training, lobbying. Focus: environmental pollution, consumer product safety.
August 2007-February 2008.

Legislative Intern, Environment Rhode Island

Responsibilities: coalition building, research, writing and editing press releases, coalition partner updates, bill tracking.
January 2007-June 2007.

Ex. 6 Personal Privacy (PP)
East Providence, Rhode Island 02914
Ex. 6 - Personal Privacy (PP)

OBJECTIVE

To educate families within the community on the importance of being knowledgeable and healthy advocates for themselves and connect them with appropriate resources.

PROFILE

Community Outreach • Client Advocacy • Community-Client Relations • Family Outreach
Interagency Partnerships / Referrals • Strong desire to help families find the solution that best meets their needs
Bi-lingual Spanish/English • Punctual• Social Perceptiveness • Team Player • Diligent

EXPERIENCE

Childhood Lead Action Project
Community Educator - June 2021 to present
Lead safety education for parents, tenants, homeowners, landlords, workers, service providers
Door-to-door outreach in areas at high risk for lead exposure
Teaching workshops in English and Spanish
1-to-1 support and strategy meetings
Community engagement and recruitment
One-to-one and group education on identifying lead hazards, lead-safe work practices, interim controls and lead safe cleaning, lead certificate and property age research

CHARTERCARE / St. Joseph Lead Center
Licensed Lead Assessor August 2009 to May 2021
Community Health Worker , Home-based Asthma Response Program
Coordinate Lead Clinic in Pediatric setting
Coordinator of Lead and Asthma Outreach Services
Home visits/Community Outreach / Family Outreach / Child Developmental Assessment
Facilitated Professional Advocacy Classes for Parents and Children
Connecting families with resources and providing support
Environmental Assessment / Billing / Scheduling

Ready To Learn Providence / Bradley- Hasbro Children's Research Center / St. Joseph Pedi Clinic
Child Wellness Screening Administrator August 2009 to June 2012
Ages & Stages Child Wellness Screening Evaluation
Assisted with scheduling clients appointments with other community support services provided
Participated in crisis intervention and facilitated conflict resolution among clients as needed
Family outreach providing resources and support to families to fulfill their needs
Provided meaningful experience for children learning development
Make contact with clients and set up appointments.
Providing communication between parents/clients and medical/social services staff
Providing feedback to medical/social services staff regarding children evaluation

EDUCATION & TRAINING:

Lead Assessor Training April 2021
Mind in the Making Certificate / Providence, RI August 2009 to June 2011 Guiding Children
Behavior Certificate / Providence, RI
Heads Up Reading Certificate / Providence, RI

RI Early Learning Standards Certificate / Providence, RI
How Ready is Providence? Certificate / Providence, RI
Community Health Worker – Human Behavior / Providence, RI, Worcester, MA
Standard First Aid, CPR-Adult, Child and Infant CPR
Living Well Rhode Island Certificate / Providence, RI

VOLUNTEER

AmeriCorps / Providence Plan / Ready to Learn Providence, St. Joseph H. / Bradley H. / Hasbro H.
Child Wellness Screening Administrator
Resident Leadership Network / Community Outreach / Providence, RI
Providence Tobacco Free / Community Outreach - Walkers & Talkers / Providence, RI

Reference available upon request

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) Cranston, RI 02910
Ex. 6 - Personal Privacy (PP) email: Ex. 6 - Personal Privacy (PP)

PROFESSIONAL PROFILE

- Highly organized individual who is responsible, trustworthy and reliable
- Team player – skilled at working in a group or independently
- Critical thinker and active listener
- Bi-Lingual — English/Spanish
- Proficient in Microsoft Office: Word, Excel, PowerPoint

WORK EXPERIENCE

CHILDHOOD LEAD ACTION PROJECT, Providence, RI **2000 – Present**

Community Educator *2002 -Present*
Administrative Assistant *2000 - 2005*

- Conducted outreach and education services for the City of Providence Lead Hazard Reduction Program.
- Responsible for the recruitment efforts as needed for the Lead Hazard Reduction Program.
- Prepared required monthly and quarterly reports.
- Conducted door-door outreach to targeted neighborhoods to promote the program.
- Conducted home visits to program participants to educate them about lead poison prevention.
- Assisted property owners with the collection of all the required forms and documents necessary for the program.
- Attended community fairs to promote the program.
- Translated Program materials from English to Spanish.
- Conducted outreach, education and recruitment services for the Lead Safe Yard Program (LSYP) to In Home Child Care Provider(s).
- Responsible for calling In Home Child Care Providers and explaining the procedures to complete the application and intake process.
- Conducted a Lead Awareness presentation, to include either video or visual/ interactive materials.
- Responsible with follow up consultation visits or phone calls, with each In Home Child Care Provider as needed.
- Assisted in the administration of the education and community outreach component of the providence Lead Base Paint Hazard Control and Healthy Homes Program.
- Created and maintained databases to carry out report requirements for providence/HUD and Healthy Homes Programs.
- Assisted Coordinator in conducting special project to carry out objective for Providence/HUD and Healthy Homes Programs.
- Supported staff in the development of materials and resources.
- Provided support for organization through media work, office management, and communication with members, board and donors.
- Provided information and referrals for lead poisoning prevention and resources.
- Met with accountant monthly to prepare financial statement.

EDUCATION

University of Rhode Island, Kingston, RI
Bachelor of Science Degree in Human Development and Family Studies

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Childhood Lead Action Project, Inc.

* b. Employer/Taxpayer Identification Number (EIN/TIN): 22-3179528

* c. UEI: W7MEUZQ1MY37

d. Address:

* Street1: 1192 Westminster St
Street2:
* City: Providence
County/Parish:
* State: RI: Rhode Island
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 02909-1411

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Laura
Middle Name:
* Last Name: Brion
Suffix:

Title: Executive Director

Organizational Affiliation: Childhood Lead Action Project

* Telephone Number: Ex. 6 - Personal Privacy (PP)
Fax Number:

* Email: laura@leadsafekids.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Community-Based Lead Poisoning Prevention Project

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: RI-002 | * b. Program/Project: RI-002

Attach an additional list of Program/Project Congressional Districts if needed.

1239-Congdist.pdf | Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 | * b. End Date: 10/31/2026

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	500,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: | * First Name: Laura

Middle Name:

* Last Name: Brion

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 - Personal Privacy (PP) | Fax Number:

* Email: laura@leadsafekids.org

* Signature of Authorized Representative: Laura Brion | * Date Signed: 04/14/2023

Attachment: EJCPS Budget Detail

Childhood Lead Action Project

11/01/23-10/31/26

Section	Description	Line item cost	Section total
Personnel	Ex. 6 Personal Privacy (PP) Executive Director (29.95/hr * 23% FT on project 8hrs/wk *156 wks)	37,377.60	
	Ex. 6 Personal Privacy (PP) Community Educator (24.68/hr * 100% FT 35 hrs/wk * 156 wks)	134,752.80	
	Ex. 6 Personal Privacy (PP) Community Educator (27.36/hr * 100% FT 35 hrs/wk * 156 wks)	149,385.60	321,516.00
Fringe Benefits	Portion of payroll taxes and fringe benefits including health, dental, long-term disability, and retirement contribution match, calculated at 35% of salaries for project (.35*321,516.00)	112,530.60	112,530.60
Travel	Mileage reimbursement (calculated at federal rate of .655/mi * 16 mi/wk * 156 wks)	1,634.88	
	Travel to EPA meetings (3 mtgs * 3 staff by train from RI to Region 1 HQ (Boston) @ 24.50/RT ticket; no other transportation needed (stations accessible on foot on both sides)	220.50	1,855.38
Equipment	(None)	0.00	0.00
Supplies	RRP training manuals (40 books @ $15.39 ea.)	615.60	
	Lead check swabs (3 boxes @ 190.15 per box of 48 swabs - RRP, community training/outreach)	570.45	
	Caution tape (3 rolls @ $6.14/roll - RRP training)	18.42	
	Disposable booties for RRP ($17.25/1 box of 100 - RRP training)	17.25	
	Disposable gloves ($28.50/1 box of 100 - RRP training)	28.50	
	N100 masks ($88.32/box of 6 masks, 7 boxes for RRP training)	618.24	
	6 mil plastic sheeting for RRP ($37.44 per 20*50' roll, 2 rolls total for RRP)	74.88	
	Tape (3 rolls @ $8.97/ea. for RRP)	26.91	
	Swiffer pads for RRP (2 boxes of 24 pads ea. @ $7.99/ea.)	15.98	
	Tvyek suits for RRP (199.99/case of 25, 2 cases needed)	399.98	
	Pens for meetings/trainings (3 boxes recycled plastic @ $8.52/ea., 12 pens/box)	25.56	
	Note paper for meetings/trainings (3 packs recycled 8.5*11.75" pads @ 10.53/ea., 12 per pack)	31.59	
	Printer paper for meeting/outreach/RRP materials (3 cartons recycled copy paper @ $82.98/ea., 5000 ct 8.5*11" sheets/carton)	248.94	
	Post-it notes for meetings and planning (15.38/pack of 4*4" lined notes, 3 packs)	46.14	
	Manila envelopes 9*12" (2 packs of 20/ea. to mail certificates to 40 RRP students @ 6.01/pack)	12.02	
	Replacement laptop computers for 2 staff FT on project for communication, meetings (other staff will not need new during project)	1,660.00	
	Wireless projector (for RRP and other trainings/meetings - 1 for 899.99 to replace 20yo projector showing signs of failure)	899.99	
	Big easel pad (for mtg agendas, community member planning/training sessions - $49.99/pad, 2 pads needed)	99.98	
	Portable projector screen for training/meetings - unit cost $103	103.00	5,513.43
Contractual	(None)	0.00	0.00

Construction	(None)	0.00	0.00
Indirect Costs	Calculated @ standard 10% rate (454,545.45 direct costs * .10)	45,454.55	45,454.55
Other	Renovation, repair, and painting instructor @ $50/hr * 10 hrs/class * 6 classes (8 hr class + available for student arrival and wrapup 1 hr prior + after)	3,000.00	
	Interpreter/translator ($50/hr for 4 hrs per project-related meeting/training * 12 activities where language access other than English & Spanish likely to be needed - typically need for some project activities, but not all)	2,400.00	
	Printing/copier ($40/mo. for for 36 months proportionate share of copier lease for: meeting agendas and handouts, outreach flyers and posters, workshop materials, sign-in sheets)	1,440.00	
	Child care for meetings (4 hrs/meeting or workshop @ $30/hr for 20 meetings/workshops - typically need for some project activities but not all)	2,400.00	
	Google voice text/phone service for 2 staff FT on project to communicate with volunteers, send workshop reminder texts ($25/mo/person *2 people *36 months)	1,800.00	
	Printing/door to door outreach packet in door hanger format ($1500 for 2000 die cut multiside/multilingual door hangers needed for multiple outreach attempts at est. 3+ unit rental properties on 100 property target list over multiple years; design already created)	1,500.00	
	Postage (1.26/large envelope to mail 40 RRP certificates)	50.40	
	Zoom license for virtual meeting option for accessibility ($14.99/month service fee for 36 months)	539.64	13,130.04
TOTAL			500,000.00

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Community-Based Lead Poisoning Prevention Project

1234-1 - 23 EJ CPS Budget Detail.pdf
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1235-2 - 23 EJ CPS - Logic .pdf
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1236-3 - 23 EJ CPS LOC.pdf
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1237-4 - 23 EJ CPS Resumes.pdf
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1238-5 - 501c3.pdf
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Laura
Brion

Executive Director
1192 Westminster St
Providence
RI: Rhode Island
02909

USA: UNITED STATES

EX. 6 - Personal Privacy (PP) X
laura@leadsafekids.org

Laura
Brion

Executive Director
1192 Westminster St
Providence
RI: Rhode Island
02909
USA: UNITED STATES

EX. 6 - Personal Privacy (PP) X
laura@leadsafekids.org

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RI: Rhode Island
02909
USA: UNITED STATES

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laura@leadsafekids.org

Application
New
2023-04-14
Childhood Lead Action Project, Inc.
22-3179528
W7MEUZQ1MY37
1192 Westminster St
Providence
RI: Rhode Island
02909-1411

USA: UNITED STATES

Laura
Brion

Executive Director
Childhood Lead Action Project
EX. 6 - Personal Privacy (PP) X
laura@leadsafekids.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Community-Based Lead Poisoning Prevention Project
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RI-002
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c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Laura
Brion

Executive Director
EX. 6 - Personal Privacy (PP) X
laura@leadsafekids.org
Laura Brion
2023-04-14

Laura Brion
1192 Westminster Street
Providence
RI: Rhode Island
02909

W7MEUZQ1MY37
Laura
Ex. 6 Personal Privacy (PP)

laura@leadsafekids.org
Executive Director
Y: Yes
none
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N: No
Y: Yes
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Laura Brion
Executive Director
2023-04-14

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Laura Brion
GRANT13861857

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Lisa | Middle Name:
Last Name: Janicki | Suffix:
Title: Director, Sponsored Projects Office
Complete Address:
Street1: 350 Commercial St
Street2:
City: Portland | State: ME: Maine
Zip / Postal Code: 04101 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: ljanicki@gmri.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Charissa | Middle Name:
Last Name: Kerr | Suffix:
Title: Chief Financial Officer
Complete Address:
Street1: 350 Commercial St
Street2:
City: Portland | State: ME: Maine
Zip / Postal Code: 04101-5597 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: ckerr@gmri.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Lisa | Middle Name:
Last Name: Janicki | Suffix:
Title: Director, Sponsored Projects Office
Complete Address:
Street1: 350 Commercial St
Street2:
City: Portland | State: ME: Maine
Zip / Postal Code: 04101-5597 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: ljanicki@gmri.org

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** | **First Name:** Janet | **Middle Name:**

Last Name: Duffy-Anderson | **Suffix:**

Title: Chief Scientific Officer

Complete Address:

Street1: 350 Commercial St

Street2:

City: Portland | **State:** ME: Maine

Zip / Postal Code: 04101-5597 | **Country:** USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**

E-mail Address: jduffy-anderson@gmri.org

EPA Form 5700-54 (Rev 4-02)

Mayor of Providence

Brett P. Smiley

April 6, 2023

Laura Brion
Childhood Lead Action Project
1192 Westminster Street
Providence, RI 02909

Dear Laura Brion,

On behalf of the City of Providence, I offer this letter of commitment and strong support for the Childhood Lead Action Project's EPA EJ CPS grant application.

The following city entities will contribute the most resources and participate the most actively in this project:

• Providence Department of Inspection and Standards (DIS). DIS promotes the general health, safety, and welfare of the citizens of Providence through the enforcement of adopted City, State, and Federal codes relating to buildings and properties. We conduct this work to assure safe structures, adequate housing, and elimination of blight. Enforcement of lead safety requirements for rental properties and work on pre-1978 homes and child-occupied facilities is an important component of this work.

• Providence Division of Housing & Community Development (HCD) supports the creation of quality places through the strategic deployment of Federal funding provided by the U.S. Department of Housing and Urban Development. In partnership with local community organizations and agencies, the Division of Housing & Community Development seeks to improve the lives and living conditions of the City's low- and moderate-income residents. HCD's Lead Safe Providence Program provides fully forgivable loans to help make properties lead-safe at no out-of-pocket expense to homeowners or tenants. Loans for owner-occupied homes are forgivable after 5 years; loans for non-owner-occupied properties are forgivable after 10 years.

We commit to the following activities, in partnership with the Childhood Lead Action Project and other stakeholders:

• Continue to participate in ongoing quarterly lead poisoning prevention stakeholder coordination meetings bringing together community, nonprofit, and government partners to report on progress, set and evaluate benchmarks for success, and work together using a collaborative problem-solving model to improve lead poisoning prevention outcomes. (DIS, HCD)

City Hall, 25 Dorrance Street, Providence, RI 02903
Phone Ex. 6 - Personal Privacy (PP) Fax Ex. 6 - Personal Privacy (PP)

Mayor of Providence

Brett P. Smiley

• Housing code inspectors will respond to complaints about unsafe housing (such as rental properties with no history of lead compliance, or rental properties with expired lead certificates) and enforce the requirement for lead safety certificates in pre-1978 rental housing. (DIS)

• Provide lead abatement to eligible low/mod-income families, including steps to address lead in paint, soil, and water, in some cases. (HCD program in existence for several decades, contingent on triennial HUD funding renewal)

• Share data about city lead-related program outcomes (lead abatement, housing code enforcement) with community members and partner agencies. (DIS, HCD)

• Work with partners to implement a coordinated education, assistance & enforcement plan using existing staff and resources to bring property owners into compliance and protect tenants. (DIS, HCD)

• Help recruit participants for the Childhood Lead Action Project's Lead Paint Renovation, Repair, and Painting (RRP) trainings. Recruitment activities will include sharing flyers with building permit applicants and property owners cited for housing code violations, and displaying materials in the office. (DIS)

We strongly urge EPA to fully fund your proposal and look forward to our continued work together to ensure that all children and families in Providence are protected from indoor environmental hazards.

Sincerely,

Brett P. Smiley

Brett P. Smiley
Mayor

City Hall, 25 Dorrance Street, Providence, RI 02903
Phone Ex. 6 - Personal Privacy (PP) Fax Ex. 6 - Personal Privacy (PP)

Department of Health

Three Capitol Hill
Providence, RI 02908-5097

TTY: 711
www.health.ri.gov

04/12/2023

Laura Brion, Executive Director

Childhood Lead Action Project
1192 Westminster Street
Providence, RI 02909

Dear Laura,

I am very pleased to offer this letter of commitment to continue the Rhode Island Department of Health (RIDOH) Childhood Lead Poisoning Prevention Program (CLPPP) partnership with the Childhood Lead Action Project and to voice our strong support for your EPA Environmental Justice Collaborative Problem Solving grant.

This program provides an important opportunity to fund our joint strategy of addressing health inequity and reducing lead exposure through community-level leadership development and education; multi-stakeholder collaboration including enforcement, community, and funding agencies; and improved compliance with lead safety regulatory requirements for both renovation contractors and rental property owners.

The mission of CLPPP is to protect the health and safety of children, workers, and the general public by identifying and decreasing environmental lead hazards. We work to ensure that children under 6 years of age are screened for lead poisoning; collect blood level test results for children younger than 6 years of age to evaluate screening and lead poisoning trends; coordinate intervention services for children with blood lead levels above the reference level (such as case management and in-home education services); and offer comprehensive environmental inspection of homes of children younger than 6 years of age with significant blood lead levels. Additionally, we license lead inspectors, enforce lead-safe work practices laws, and conduct outreach and education about the dangers of lead poisoning in partnership with the community.

Our work is directly aligned with the Childhood Lead Action Project's innovative and highly successful efforts to eliminate childhood lead poisoning in Rhode Island through community-based education, parent support, and advocacy. Our work together dates back to the earliest days of both programs, and it is vitally important that we identify financial resources to sustain and build on our proven models for lead poisoning prevention, especially in bringing together community members to work together to reduce lead hazards at the community level, and in the development of highly effective multi-stakeholder partnerships to make the most of limited community resources and ensure strategic enforcement of lead safety laws.

We look forward to partnering with you on this project in the following ways:

- Participate in quarterly Providence Lead Poisoning Prevention Stakeholder coordination meetings and related activities
- Provide data on lead poisoning and lead safety risks to help guide planning, implementation, and evaluation of the project
- Provide outreach materials and technical assistance related to lead, data analysis, and other environmental health hazards to project partners and directly to community members
- Participate in planning process as city-level stakeholders and community members create a priority list of pre-1978 rental properties that have never complied with proactive lead safety laws
- Assist city-level stakeholders in implementing the next stages of a shared workflow plan for targeting long-term noncompliant property/landlord list through coordinated education, assistance, and enforcement

This issue is urgent and important, as there is no lower threshold for harm to due lead exposure, and the damage lead does to the developing brain is permanent. Due to the COVID-19 pandemic, the incidence of childhood lead poisoning increased statewide in recent years, and we are working urgently to reverse that trend. With the implementation of the updated childhood lead poisoning reference value advised by the CDC in 2021 (reduction from 5 to 3.5 mcg/dL), we have also seen the percentage of children diagnosed with lead poisoning more than double, with our core cities including Providence the hardest hit. It is particularly unacceptable that we see low-income communities and communities of color affected the most year after year. Your work to engage families directly affected by this injustice in working towards collaborative solutions for their own communities is essential.

As you know, this specific strategy is a top priority for our program. We have directly provided over $250,000 in the past four years to the Childhood Lead Action Project to fund earlier stages of this highly effective project and partnered actively on your current EPA EJ CPS grant. Further EPA funding at this time would allow your organization and the partners you have brought together to take the next steps urgently needed to expand these efforts and build on the foundation already created, with community needs at the forefront and addressing the patterns of greatest injustice a priority.

Thank you for all your organization does to keep RI children safe from lead exposure, especially among our state's most vulnerable communities. We strongly urge the U.S. EPA any other potential funders to support this important initiative.

Sincerely,

Michelle Almeida

Michelle Almeida; RIDOH Health Program Administrator for the Center for Healthy Ho

Ex. 6 - Personal Privacy (PP)

Michelle.Almeida@Health.ri.gov

State of Rhode Island

Department of Health

Three Capitol Hill
Providence, RI 02908-5097

TTY: 711
www.health.ri.gov

April 12, 2023
Laura Brion, Executive Director
Childhood Lead Action Project
1192 Westminster Street
Providence, RI 02909

Dear Laura,

I am very pleased to offer this letter of commitment to continue the partnership between the Rhode Island Department of Health's Office of Family Visiting (OFV) and the Childhood Lead Action Project (CLAP) and participate in your project proposed to the EPA for Environmental Justice Collaborative Problem-Solving funding.

As you know, the mission of the RI Department of Health (RIDOH) is to prevent disease and protect and promote the health and safety of the people of Rhode Island. Our leading priorities are to address the socioeconomic and environmental determinants of health; eliminate health disparities and promote health equity and ensure access to quality health services for all Rhode Islanders, including the state's vulnerable populations. This strongly aligns with the Childhood Lead Action Project's mission to eliminate childhood lead poisoning in RI and your application for EPA funds to specifically address environmental injustice through grassroots-level community work and multi-stakeholder partnerships.

The Office of Family Visiting works to provide evidence-based home visiting to mitigate or prevent poor health and developmental outcomes. Client eligibility ranges from prenatal to families with children up to age four, with a focus on the critical years of birth to 3. Our Family Visitors (FVs) are community health workers who provide prenatal support and services for infants and toddlers, personalized attention for parents and babies, and tips to support early childhood growth and development. This work is carried out by a vast network of staff placed at numerous social service and community-based organizations in our largest city of Providence and other areas of need statewide. We oversee and coordinate professional development for all major FHV programs in the state: First Connections; Healthy Families America; Nurse-Family Partnership; and Parents as Teachers.

Working in the home and developing parent trust and a rapport over time, our FHVs are in an ideal position to help vulnerable families with young children identify lead hazards and connect with resources to prevention poisoning before it happens, with compassion, cultural competency, and in the context of the family's overall needs. Lead safety education provided by the Childhood Lead Action Project for key staff at agencies serving Providence families can have a positive ripple effect many times over, within agency staff, families served, and the community at large. Lead poisoning prevention is an important

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issue for us because of the focus on early childhood development, preventable disease, and health equity directly.

The Childhood Lead Action Project's excellent "train the trainer"-style curriculum on lead safety for FHVs, originally developed with a RIDOH mini-grant to train community health workers serving refugees, has enabled us to put this theory into practice with multiple cohorts of "lead champion" FHVs trained in recent years. We are eager to continue this partnership and ensure that FHVs serving families in our highest-risk areas are trained to recognize lead danger signs, guide families to access help, teach families basic research skills to identify environmental hazards and data themselves, and connect residents to opportunities for further training on environmental health and advocacy opportunities at the Childhood Lead Action Project.

We look forward to partnering with you on this project in the following ways:

- Coordinate with CLAP to schedule lead safety trainings for FVs as part of the OFV annual calendar, maximizing opportunities for FHVs to build a variety of social service and health equity skills
- Promote training opportunities to family visitors as part of comprehensive training and support strategy coordinated by Family Visiting Professional Development Coordinator
- Recruit and enroll Family Home Visitors/Community Health Workers serving low/mod-income and at-risk families with children under age 6 in Providence, RI, prioritizing those in the best position to serve as a model and long-term lead safety resource for their peers and clients
- Provide logistical support for training sessions to ensure maximum turnout and program quality, including reminders, attendance monitoring, and technical assistance with pre/posttest evaluation

We strongly urge EPA to fund the Childhood Lead Action Project's proposal and look forward to our continued partnership to help all children and families in Rhode Island thrive in the healthy environment they deserve.

Sincerely,

Sara Remington
Manager
Office of Family Visiting
RI Department of Health's
Sara.Remington@health.ri.gov
Ex. 6 - Personal Privacy (PP)

State of Rhode Island

RHODE ISLAND COLLEGE

Zvart Onanian School of Nursing

April 7, 2023

600 Mount Pleasant Avenue
Providence, Rhode Island 02908
April 6, 2023

Laura Brion
Childhood Lead Action Project
1192 Westminster St
Providence, RI 02909

Dear Ms. Brion:

I am pleased to provide this **letter of commitment** to the Childhood Lead Action Project on behalf of Rhode Island College's Zvart Onanian School of Nursing.

As you know, Rhode Island College's Zvart Onanian School of Nursing is consistently recognized for providing the highest quality undergraduate and graduate nursing education in Rhode Island at an affordable cost. Our highly competitive programs foster the finest in intellectual development, personal growth and professional collaboration. We train our students using state-of-the-art technology and simulated clinical experiences, and our faculty are committed to excellence in teaching both in the classroom and in the clinical setting.

Our **strong partnership** with the Childhood Lead Action Project goes back over 20 years, demonstrating our commitment to partnering with community-based organizations to address **environmental health injustice** in Providence, RI in both a healthcare and community setting. Multiple faculty members have served on community-based project steering committees and the organization's Board of Directors, providing medical expertise and support in many forms. Undergraduate and graduate students have chosen clinical placements with the Childhood Lead Action Project and assisted with community outreach, health policy research, and advocacy. We have endorsed multiple successful state-level policy reform campaigns spearheaded by your group, and regularly feature your staff as guest speakers to educate nursing students about environmental justice, community organizing, and nonprofit management best practices.

We strongly support the Childhood Lead Action Project's application to EPA for an Environmental Justice Collaborative Problem-Solving Grant and urge EPA to provide full funding.

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RHODE ISLAND COLLEGE

Zvart Onanian School of Nursing

We commit to do the following, all of which represents a continuation of past partnership activities:

- Recruit one or more nursing students to intern at the Childhood Lead Action Project for clinical hours, to support policy and outreach activities related to this project
- Faculty and/or student participation in quarterly project steering committee meetings with staff, community members, and other project partners
- Provide technical assistance to staff, community members, and other project partners related to the health effects of lead exposure, interpreting health data, and similar topics
- Host project staff as guest speakers at health policy seminar or similar venue to report out on project activities, successes, and lessons learned

Justin DiLibero, DNP, APRN, CCRN-K, CCNS, ACCNS-AG, FCNS
Interim Dean, Zvart Onanian School of Nursing
Ex. 6 - Personal Privacy (PP) (office) or Ex. 6 - Personal Privacy (PP) (cell)

Joanne F. Costello, PhD, MPH, PHCNS-BC
Professor, Zvart Onanian School of Nursing
Ex. 6 - Personal Privacy (PP) (cell)

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CENTER FOR JUSTICE

One Empire Plaza, Providence RI 02903 | Ex. 6 - Personal Privacy (PP) | CenterForJustice.org

April 12, 2023

Laura Brion
Childhood Lead Action Project
1192 Westminster St
Providence, RI 02909

Dear Laura,

On behalf of the Rhode Island Center for Justice, I offer this letter of commitment to work with the Childhood Lead Action Project on your EPA Environmental Justice Collaborative Problem-Solving project.

As you know, the Rhode Island Center for Justice is a non-profit public interest law center that partners with community groups to strengthen existing advocacy and service provision with legal representation and strategy. Our legal practice areas—including housing, immigration, workers' rights, criminal justice, education, and utility shutoffs—reflect the most pressing needs of low-income people in our state.

Partnerships with community-based organizations such as the Childhood Lead Action Project are central to our mission and theory of change at CFJ. We have partnered with your organization since our founding because we recognize that despite significant progress over the years, lead poisoning remains one of the most serious environmental injustices affecting children in Rhode Island – especially in our largest city, Providence. Far too many of our clients struggle with lead hazards and unsafe housing, often on top of other health and economic challenges.

Specific partnership commitments for the EPA EJCPS Project, all of which represent a continuation of our partnership supporting your current EJCPS grant:

- Participate in community strategy meetings at a city level
- Provide technical assistance to community members, nonprofit partners, and government agency officials
- Encourage former clients with lead-related experiences to participate in steering committee activities, so that families who have been directly affected by lead play a meaningful role in addressing the problem on a larger scale
- Provide legal consultation to community members concerned about lead hazards and other housing conditions issues

By taking part in this process, CFJ is taking action to stop the injustice of lead poisoning on both an individual and systems level. We look forward to continuing our work together and strongly urge EPA to support this proposal.

Sincerely,

Jennifer L. Wood
Executive Director

2023 EPA Environmental Justice Community Problem Solving Cooperative Agreement Program

1.0 Program Objectives

a) Project Summary Page

Project Title: Community-Based Lead Poisoning Prevention Project

Project Location: Providence, Rhode Island primary neighborhood focus areas: West End, South Side, Elmwood, Federal Hill, Olneyville zip codes: 02905, 02907, 02908, 02909

Applicant Information: Childhood Lead Action Project, 1192 Westminster St, Providence, RI 02909, Contact: Laura Brion, Executive Director, laura@leadsafekids.org, Ex. 6 - Personal Privacy (PP)

Brief Description of Applicant Organization: Founded in Providence in 1992, the Childhood Lead Action Project (Project) is a nonprofit community-based organization working to eliminate childhood lead poisoning in Rhode Island through education, parent support and advocacy. The Project is the only organization in the state devoted primarily to this critical issue and has been a major catalyst for a significant decline in lead poisoning in RI over the last three decades. With directly affected parents on staff, board, and committees, we are a key grassroots-level resource for local families and agencies. We coordinate vital community-based education campaigns and mobilizing people to work for environmental justice.

Are you applying for the Small CBO Set Aside Track? No

Project Abstract: The aim of the Childhood Lead Action Project's Community-Based Lead Poisoning Prevention Project is to work strategically in Providence, RI to reduce the incidence of childhood lead poisoning, improve the safety of rental housing, and increase the capacity of residents, government regulators, housing funding agencies, and other stakeholders to work together to address the lead issue on a local level. Providence has a high incidence of lead poisoning and is home to substantial low-income/minority populations. The activities in this proposal were proposed by residents and allied stakeholders as next steps to build on to our current EJ CPS funded work, including continued meaningful involvement and direction provided by local community members already engaged in leadership roles; a multi-stakeholder group with previously established relationships, trust, mutual goals, and responsibilities agreed to aimed at bringing unsafe rental properties into compliance with lead laws through outreach, financial assistance, and enforcement; a pathway for further community member environmental learning and leadership development through accessible training opportunities in English and Spanish, lead safety and environmental advocacy training for community health workers, and more worker safety (RRP) training. By the end of this project, families living in Providence will have a stronger representation in lead prevention efforts and a deeper commitment to environmental improvements in the parts of the city hardest hit by this environmental injustice.

Project type: training, public education, capacity-building

Environmental Issue: Lead (air, water, toxics)

Project Partners: 1) City of Providence – Housing Code Enforcement & Planning Department (local government w/ enforcement and lead abatement funding resources); 2) RI Department of Health (state government agency w/ enforcement, data, and educational resources); 3) Rhode Island College Zvart Onanian School of Nursing (academic); 4) RI Center for Justice (service provider).

QAPP needed? No

b) Environmental and Public Health Information of the Underserved Community

Description and characterization: The community targeted in this proposal, the City of Providence, has the most significant lead poisoning problem in Rhode Island. City-level data released by the RI Department of Health (more recent than EJSCREEN) shows that over 200 Providence children were lead poisoned for the first time in 2021 – nearly half a

the entire state's poisoning cases and at almost twice the rate (3.35% PVD vs 1.89% statewide). With census data showing that Providence is one of the most racially/ethnically diverse communities of the state (50% people of color, with substantial immigrant and refugee populations), one of the highest poverty rates (30%),

and 1 in 3 residents speaking a language other than English at home, the clearly disproportionate lead problem in Providence is both of the greatest scope statewide and of significant environmental injustice. Although lead poisoning is a problem citywide, the degree to which this burden falls disproportionately on the lower-income neighborhoods in Providence is significant. The most recently available neighborhood-level data analyzed by the Providence Plan shows that during the 2014-2015 school year, 1 in 10 kindergartners started school with a history of elevated blood lead levels in the affluent East Side communities of Wayland and Blackstone; worse yet, in a low-income neighborhood - the West End - this ratio jumped to 1 in 3.

Environmental health issues this project seeks to address: This project seeks to address the serious threat of childhood lead poisoning due to deteriorating paint on old homes; soil contaminated by decades of air pollution (primarily leaded gasoline) and local industry; and drinking water contaminated by lead pipes. Although progress is being made, lead
poisoning continues to be a serious health threat in Rhode Island communities with high concentrations of older homes containing lead paint. It is an environmental injustice affecting low-income and minority children at much higher rates than white, suburban children, as reflected in the most recently produced RI Department of Health maps showing the disproportionate distribution of lead poisoning cases in RI (worst in Providence) and even within the city (worst in the lowest-income neighborhoods where the majority of people of color live – who also represent a majority overall). After ingesting lead from paint dust, contaminated soil, or drinking water, children can experience a range of negative effects, many of which are irreversible and impede success in school, decrease earning potential and increase the likelihood of committing violent crime as a young adult. Put most simply, lead poisoning causes brain damage, with increasing severity due to length and degree of exposure. Research reveals a strong relationship between even slightly elevated blood lead levels in young children and lower standardized test scores (National Center for Healthy Housing).

What environmental health results do we seek to achieve and how will the underserved community benefit: The most important environmental health result we seek to achieve is a reduction in the rate of childhood lead poisoning in Providence, RI. This will directly benefit the underserved community members whose children are likely to be poisoned in the future if effort is not made now to address widely prevalent lead hazards in soil, through tenant education, homeowner financial assistance, and landlord lead safety law enforcement that our partners are capable of doing and have agreed to coordinate through this project. Residents at the greatest risk will both participate in steering the direction of the project and benefit in multiple ways from its outcomes.

c) Organization's Historical Connection to the Underserved Community

Brief history and description.

The Childhood Lead Action Project (Project) is a nonprofit organization founded in 1992 to eliminate childhood lead poisoning in Rhode Island through education, parent support and advocacy. Founded in the capital city of Providence (the underserved community engaged in this proposal) by parents of lead poisoned children, medical professionals, social justice activists, and other community members, we remain the only organization in the state devoted primarily to this critical children's environmental health issue. Of all the communities in which we work, our staff and volunteer base has the deepest roots in Providence personally and professionally. The staff and board members whose families served as the most visible “poster children” of lead in the 1990s and 2000s raised their children here and are still involved. Our Providence network includes family, friends, colleagues, and long-term partner community-based organizations throughout the entire city. Our office is located in one of the neighborhoods most disproportionately affected by lead over the years; although these streets have gentrified around us in recent years, it remains highly accessible and on/within a few blocks of most of the major bus routes used widely by the low-income populations most directly affected by lead in Providence (one which continues on to the majority Spanish-speaking neighborhood, the other one of which connects to the majority Black areas). Although more awareness-raising must be done with every new generation of families and especially for newcomers such as refugees and immigrants, we are widely known as a community resource and word-of-mouth referrals are our strongest marketing tool.

The Project currently coordinates 4 municipal-level community lead poisoning prevention coalitions, including the one in Providence which will play a major role in this project. These are broad-based coalitions of environmental, housing, health, and social service organizations, and parents of lead poisoned children working together to promote lead prevention. We also conduct innovative, effective, and unique lead poisoning prevention training and education in English and Spanish, as well as other languages such as Arabic, Swahili, and Somali (with the assistance of interpreters). These trainings include a 3-hr state-certified Lead Hazard Awareness Seminar for landlords (with excerpts turned into a DVD with prior EPA funding); the 8hr EPA-mandated Lead Paint Renovation, Repair, and Painting (RRP) training; a 3-hr lead enforcement training for city housing code officials (developed with prior EPA funding), a 5-session, 10-hour lead poisoning prevention resource training for community health workers; a 1.5-hour lead safety resource training for direct service providers; short “Lead 101” Q&A sessions for parents; tupperware-style “Lead-Safe House Parties” tailored for the needs of tight-knit, hard-to-reach groups such as refugees; a special English Language Learner lead safety curriculum presented to intermediate and advanced speakers in ESL classes; and a special low/no-literacy lead safety curriculum using pictorial handouts and the demonstration of hazards and prevention methods. In many cases, an individual with personal experience with lead poisoning conducts the training or participates in its facilitation.

Community work and results.

Our work has been a catalyst for a significant decrease in childhood lead poisoning in Rhode Island over the last two decades. The Project's accomplishments have earned us local and national awards. The Ocean State often turns to us to provide leadership on important initiatives such as the Attorney General’s Advisory Commission on Lead Paint and the State’s strategic plan on eliminating childhood lead poisoning. Some of our achievements are:

- Passage of the 1991 Lead Poisoning Prevention Act (those involved went on to found the organization), establishing the state DOH lead poisoning prevention program including a universal lead screening requirement resulting in an 80% lead testing rate (among the highest in the country) for young children
- Educating over 30,000 parents, immigrants and refugees, tenants, health workers, homeowners, and professionals in high-risk communities about lead dangers and resources.
- Coordinating lead hazard awareness campaigns in Providence, Pawtucket, Central Falls, East Providence, and Woonsocket.
- Since 2004, providing technical training to over 12,700 people on lead prevention and mitigation, and lead-safe work practices through in-person classes, our online RI Lead Hazard Awareness Seminar and a DVD used as an English and Spanish language training tool in lead safety classes, and the EPA Renovation, Repair, and Painting (RRP) class, of which we were one of the first Rhode Island-based organizations to become EPA-certified to offer. We are the only Spanish-language RRP trainer in RI.
- Convincing the Providence Department of Inspection and Standards to enforce RI’s Lead Hazard Mitigation Act - the first municipality in the State to do so - and require compliance with the Renovation, Repair and Painting Rule for contractors applying for a permit to work on pre-1978 homes. The RI Department of Health issued a press release announcing that this was the most likely reason for a subsequent 25% drop in the childhood lead poisoning rate in Providence, a previously unprecedented rate of progress (following the first full year of enforcement procedures fully implemented). Since then, we have assisted the neighboring cities of Pawtucket and Central Falls with similar policy implementation and community engagement and seen progress that mirrors this.
- With a currently in progress EPA EJ CPS grant, created a new model for collaborative lead safety compliance: first, identified a target list of 100 high-risk unsafe rental properties using qualitative and quantitative data from members of community leadership team including residents, City code enforcement staff, state health officials, and staff knowledge; and collaboratively created and implemented an innovative work plan to educate both landlords and tenants about hazards/requirements, offer financial assistance for lead abatement to landlords, and take enforcement action if necessary (all carried out by partners with appropriate resources and authority).

Community-driven participation.
The Project coordinates community-based education campaigns for urban communities seriously affected by lead poisoning while mobilizing residents to work for environmental justice through a community organizing model for change. Our staff, board, and volunteers represent the community in multiple ways, and affected community members hold meaningful leadership roles at all levels of the organization, alongside others with a relatively greater experience of privilege (such as white privilege and education privilege). This includes the following forms of community representation: parents of lead poisoned children, people of color, immigrants, fluent/native speakers of Spanish, renters, low-income people. We work intentionally to stay rooted in the community as a class-diverse, multi-racial organization where the voices and experiences of those most directly affected by lead are prioritized, with the close support, expertise, and resources of other partners such as medical professionals, legal experts, academia/policy analysts, housing funders/lead abatement programs, city government, and state government. In many cases, people wear multiple hats and are strongly motivated to work together for both personal and professional reasons (for example: lead experts who went into their fields after their own child was poisoned, city officials with significant lived experience as part of an EJ community). In the EPA EJ CPS this proposal builds on, a group of residents (some longterm volunteers, others new) met regularly with city officials to assess progress towards shared goals and commitments and also met separately to speak freely and make decisions about the direction our work should go in and what needs and requests should be brought to other partners for support. This model is essential for our work to address lead from an environmental justice perspective and is built into this project. The new activities added to this project proposal are based on feedback and decisions made by residents about what work is needed and valuable (such as: identifying second target list of noncompliant properties to work in partnership with service/funding/enforcement agencies to bring into compliance with lead safety laws; expand Spanish-language RRP training; expand CHW lead safety/advocacy training). Decisions about what neighborhoods to target outreach in, what needs/concerns to bring to officials, and similar things are all made by community members.

d) EJCPS Model

EJCPS model elements already begun/accomplished with our group as a CBO and government, academic, service provider, and other partners:

1) Issue Identification

- Organization founded in 1992 by community members and partners including medical, environmental, social service to eliminate childhood lead poisoning through parent support, education, and advocacy;
- Community coalition decision to focus on noncompliant landlords/tenant rights, coordination of free lead abatement and housing code enforcement resources as EJ priority.

2) Community Capacity-Building

- Ongoing activities of organization to recruit, train, and support directly affected community leaders, raise community awareness through many grassroots networks.

3) Consensus-Building and Dispute Resolution

- Advocated successfully for increased resources and policy change, including state law requiring lead safety in rental housing (2004) and city enforcement of the law in Providence (2011), overcoming lack of consensus through effective messaging and partner recruitment.

4) Multi-Stakeholder Partnerships and Leveraging of Resources

- 2018 establishment of new multi-stakeholder city lead poisoning prevention coordination committee including project partners and community members using CPS model (promoted and discussed by city at first meeting) and responding to community needs/group/progress described above.

5) Constructive Engagement by Relevant Stakeholders

- Current stakeholders at table regularly include enforcement officials, data analysts, community members, health officials, housing rehab program, environmental policy office;
- Focus chosen collaboratively during meetings to track overall lead safety data to assess community progress;

- Group agreed to report and assess specific contributions/outputs of group members including homes certified as lead-safe due to free lead abatement program (City), children poisoned (DOH), homes certified lead-safe due to housing code enforcement;
- Group identified long-term noncompliant landlords as the next major problem they want to tackle; steps identified in this project proposal directly reflect the plans agreed to by CPS group, with strongest voice at the table catalyzing plans from the parent of a lead poisoned child/representative of our community leadership team;
- Group agreed to cross-promote resources and share data to leverage resources such as free lead abatement program for homeowners and housing code enforcement of lead requirements (carrot and stick approach), with DOH contributing evaluation (ensuring sound assessment of impact).

6) Sound Management and Implementation

- Partner RIDOH created comprehensive list of Providence rental properties not in compliance with RI lead laws, using tax assessor data provided by the City of Providence, and lead certificate data. (Part of current EJ CPS grant)
- Identified a target list of 100 properties using qualitative and quantitative data from members of community leadership team, City code enforcement staff, and staff knowledge. (EJ CPS-funded activity)
- Created workflow plan and timeline in collaboration with City code enforcement, home abatement program, RIDOH, and other stakeholders to begin proactive enforcement of RI lead law requirements for pre-1978 rental housing, starting with 100 target properties, with plan to expand to more properties. Began implementation of work plan in 2022-23. (EJ CPS-funded activity)
- To be undertaken for this project (most directly significant activities, milestone and timeline (see entire activities section for details)
    - 10 stakeholder meetings by end of project
    - Creation of noncompliant landlord target list w/ 100+ more properties using community knowledge, data-sharing, and technical expertise (by mo. 12; new list for this grant, follow up to/next step from 100 property list in previous CPS grant)
    - Updates to timeline for existing group work flow chart utilizing partner and community resources to connect w/ noncompliant priority properties to educate about lead hazards, landlord responsibilities, free lead abatement resource; with enforcement consequences to address worst cases (by mo. 9)
    - Implementation of landlord targeting work plan (mos. 12-36)
    - Community leaders supported and engaged (5 new by month 12, 10 by month 24)

7) Evaluation, Lessons Learned, Replication of Best Practices

- CPS group/partners have participated in evaluation of progress and outcomes at all stages and will continue to do so on quarterly basis

e) Project Linkages

The project supports EPA Strategic Plan Goal 2, Objective 2.1 (Promote Environmental Justice and Civil Rights at the Federal, Tribal, State, and Local Levels) by increasing the capacity of members of overburdened and underserved communities to lead environmental justice work by engaging them in environmental learning and planning meetings with city and state officials, and by conducting community-driven public education, training, and info-gathering related to lead hazards resulting in improved environmental understanding, awareness, and measurable outcomes on a community level.

f) Partner and Collaborate

Our 4 project partners represent a diverse and powerful set of stakeholders who have already come to the table using the CPS model with us as a community-based organization to build trust, establish shared goals, and take action together to address lead poisoning on many initiatives in the past. All 4 have provided detailed commitment letters, attached. As a CBO ourselves, with deep community roots and strong partnerships with many other CBOs throughout the city, we mobilize community residents to engage directly with these stakeholders and others. We currently meet quarterly and the activities of this project come directly from community member ideas and CPS meeting decisions. These stakeholder types include city government

(including: enforcement officials, lead abatement funding/rehab program), a state agency (public health enforcement, monitoring, policy, and community health worker/home visitor training program), academic institution, and direct (legal) service agency.

City of Providence. Providence city government is our most significant partner on this project and has made commitments on behalf of 2 critical agencies to participate actively (1 LOC from Mayor). These agencies are:

- Providence Department of Inspection and Standards (DIS). DIS promotes general health, safety, and welfare of the citizens of Providence through enforcement of adopted City, State, and Federal codes relating to buildings and properties. Enforcement of lead safety requirements for rental properties and work on pre-1978 homes and child-occupied facilities is an important component of this work.
- Providence Division of Housing & Community Development (HCD) supports the creation of quality places through the strategic deployment of Federal funding provided by the U.S. Department of Housing and Urban Development. In partnership with local community organizations and agencies, they seek to improve the lives and living conditions of the City's low- and moderate income residents. HCD's Lead Safe Providence Program provides fully forgivable loans to help make properties lead-safe at no out-of-pocket expense to homeowners or tenants. Loans for owner-occupied homes are forgivable after 5 years; loans for non-owner-occupied properties are forgivable after 10 years.

We have worked closely with DIS and HCD on multiple projects going back to the 90s, including a current, long-term funded partnership with HCD (they fund our work to conduct community outreach about lead hazards, RRP training, and recruit property owners to enroll in the lead hazard reduction program in Providence). HCD and DIS participate in quarterly lead poisoning prevention coordination meetings with us, bringing together community, nonprofit, and city/state government partners (including DIS and HCD) to share updates, coordinate activities, and tackle problems collaboratively.

DIS and HCD will be engaged in every activity in our workplan. Their responsibilities will include:

- CPS stakeholder group participation, and regular data sharing.
- Coordination of offer of abatement resources and enforcement with other CPS partners to respond to community needs.
- Data to help identify landlords noncompliant w/ lead laws putting community at risk to address 15-year unmet high priority need/systems gap putting residents at risk, and to help to create 100 noncompliant property list used for project.
- Assistance with compliance plan creation, including commitments to certain steps in workflow plan, and help with evaluation.
- Referral of new community members to join community leadership meetings.
- Contribution of materials for updated door-to-door lead safety resource packet.
- Promotion of RRP training at City housing and building code office, where contractors seeking permits will be required by the city to show compliance with RRP.

Both HCD and DIS have a vested interest in a reduction in lead hazards and increase in safe housing due to: mission of both agencies to improve housing quality/environmental outcomes; high special education costs exacerbated by the effects of lead poisoning; political priorities as expressed by mayor; legal obligation to enforce housing and building code; and lead abatement program deliverables to report to federal funders (complementary activities, not duplicative of this effort).

Rhode Island Department of Health (DOH - 2 LOCs, each for a different office/program). The RI Department of Health will be an essential partner in this initiative. This includes 2 programs:

- The RIDOH Environmental Lead Program serves as the hub for all lead poisoning surveillance, intervention, and prevention activity in Rhode Island, DOH will play a critically important role in the project. For the proposed initiative, DOH will provide data on childhood lead poisoning, lead safety risks, and lead law compliance in Providence, RI, during the planning, implementation, and evaluation stages. Additionally, they will make lead prevention materials and technical assistance available to partners and

community members for education and outreach purposes. Lastly, they will participate directly in other meetings and trainings to meet community needs.

- The Office of Family Visiting oversees and coordinates professional development for all major family home visiting programs in the state, including: First Connections; Healthy Families America; Nurse-Family Partnership; and Parents as Teachers. Family Visitors are community health workers who provide in-home support and services to support early growth and development for children under age 6/prenatal. This work is carried out by a vast network of staff funded by RIDOH and placed at numerous social service and community-based organizations. DOH is responsible for ensuring that home visitors receive in-depth, high-quality training on a variety of topics related to child development and family resources. This includes contracting with qualified trainers, assessing training quality, working with CBOs to enroll their home visiting staff in trainings, providing training turnout/attendance monitoring, and assisting with pre and post testing to assess how well learning goals were achieved. This office has arranged for the Childhood Lead Action Project to provide a "train the trainer" intensive multi-week 10hr lead safety training for CHWs conducting family home visiting for 3 years in a row. The training has been highly successful and we hit our maximum enrollment and learning goals every time.

Our strong partnership with DOH goes back decades, including close partnership on our current EJ CPS project and other EPA grants and the delivery of training to a variety of audiences statewide. DOH is an active participant and a current funder of our efforts to convene city enforcement/abatement/education coordination meetings in multiple EJ communities in RI.

DOH brings resources including housing and poisoning data, technical expertise, lead educational materials, and will be engaged in multiple project activities. Responsibilities will include:

- Participation in CPS stakeholder group
- Providing data on local poisoning to help target efforts where they are most needed and uncover details of environmental injustice
- Providing accurate, free, multilingual educational materials to use for educational outreach.
- Providing technical assistance to help develop accurate 100 target property list and collaborative work plan bringing together educational, financial, and enforcement resources of those sitting at the table to get high-risk homes fixed up and families protected from lead.
- Recruitment, enrollment, administration, follow-up for training series described above.

DOH has a vested interest in reduction in lead hazards, improved partnerships, and improved environmental health outcomes due to: mission of agency; state cost of providing emergency intervention services for families with lead poisoned children; commitments made in federal grants to work collaboratively with local partners to improve lead law compliance (complementary activities, not duplicative of this effort). The Office of Home Visiting has approached us to repeatedly request the training described above in the past, showing strong internal motivation/interest in the success of this activity. It helps them meet required learning goals for a complex state and federally funded program and demonstrates support for a strong department-wide focus on health equity and social and environmental determinants of health.

RI College School of Nursing (RIC). Based in Providence, RIC is consistently recognized for providing high quality undergraduate and graduate nursing education in RI. RIC nursing faculty and students are already regular participants in both our community leadership development meetings and City coordination meetings, providing technical expertise on health and health policy to support the effort and volunteer time for community outreach. This strong partnership with RIC goes back over 20 years. Multiple faculty members, including several with a strong personal as well as professional connection to our issue and community, have served on community-based project steering committees and the organization's Board of Directors, providing medical expertise and support in many forms. Undergraduate and graduate students have chosen clinical placements with the Childhood Lead Action Project and assisted with community outreach, health policy research, and advocacy.

RIC will participate in various project activities. Their responsibilities will include:

- Participation in CPS stakeholder group.
- Participation in community leadership group, providing training to community members.
- Provide technical assistance to staff, community members, and other project partners related to the health effects of lead exposure, interpreting health data, and similar topics.
- Recruitment of new community members for community leadership group.
- Assistance w/ community outreach and education initiatives.

Other contributions will include:

- Recruit one or more nursing students to intern at the Childhood Lead Action Project for clinical hours, to support policy and outreach activities related to this project
- Host project staff as guest speakers at health policy seminar or similar venue to report out on project activities, successes, and lessons learned.

RIC has a vested interest in this project because their mission is to improve the health of the RI community, and partnering with CBOs like the Project increases the way they are able to achieve that mission. They also need high quality clinical placement sites for students that increase the diversity of opportunities for students, which we provide.

The Rhode Island Center for Justice (CFJ). CFJ is a non-profit public interest law center that partners with community groups to strengthen existing advocacy and service provision with legal representation and strategy. Their legal practice areas—including housing, immigration, workers' rights, criminal justice, education, and utility shutoffs—reflect the most pressing needs of low-income people in our state. They provide free legal advice and representation to families in the context of community organizing and policy advocacy efforts, combining individual action with systems-level change. CFJ is already a regular participant in our community leadership development meetings and meetings with City officials and will play an essential role in providing legal assistance to families in need and training and technical assistance for community members. We have partnered with CFJ as an organization since they were founded, and with their current Executive Director for even longer (since early 00s), in multiple previous roles related to public health and social justice.

CFJ brings resources including legal expertise, availability of free legal services, policy/systems analysis experience, and direct connections to residents directly affected by unsafe indoor environment. They will participate in various project activities, and their responsibilities will include:

- Participation in community leadership meetings, and help to provide legal training to resident leaders/leaders in development.
- Participation in CPS stakeholder group meetings.
- Provide technical expertise to strengthen work plan and data analysis component of target property compliance project.
- Recruiting former clients with lead-related experiences to participate in community leadership activities and trainings, so that families who have been directly affected by lead play a meaningful role in addressing the problem on a larger scale.

Other contributions include:

- Providing other technical assistance to community members, nonprofit partners, and government agency officials.
- Providing legal consultation to community members concerned about lead hazards and other housing conditions issues, identified during community education and outreach.

CFJ has a vested interest in a reduction in lead hazards and community empowerment/better health outcomes due to: social justice mission of organization; opportunity cost of providing legal services to tenants with lead/housing conditions issues (resources could be directed elsewhere to address unmet needs). Additionally, CFJ is working on a long-term project to develop a policy proposal for a rental registry ordinance with broad interest among a larger group of stakeholders. Our EJCPS project activity focused on identifying rental property owners using tax assessor data will inform their work, primarily by providing them with a data

set they need to show the proposed scope and geographic impact of their proposed policy. CFJ has a strong interest in helping us to make sure this is done in a timely and accurate manner.

This partnership strategy for community empowerment and environmental change combining community leadership, financial assistance for homeowners, legal assistance for tenants, effective community education, and housing code enforcement is our top priority project to sustain as an organization in the long term. EJ CPS funding to take our current project to the next level is essential. The CPS stakeholder group that will drive this project has nearly 5 years behind us already, 2 of which were supported by a current EJ CPS grant, and with a recently renewed commitment from a newly elected mayor who assigned his Chief Operating Officer as our point person for all issues related to the CPS group to ensure ongoing responsiveness from all departments involved. With 3 more years of accomplishments and trust-building supported by this grant, we will be very optimistic about the longterm viability of this group and the relationships that make it up. The city will need very little money to sustain the group itself as long as the key partners continue to exist, but will reap significant outcomes from the power of coordinated, strategic deployment of resources – education, information, funding/housing rehab program, and enforcement. As an organization, we are also strongly committed to continuing to participate and ensure community participation.

2.0 Project Activities/ Milestone Schedule/ Detailed Budget Narrative

a) Project Activities

Activity #1 Meet quarterly with CPS stakeholder group including community members, housing code enforcement officials, to coordinate lead poisoning prevention activities and continue implementation of plan to bring 100 more long-term noncompliant rental properties into compliance with RI lead laws.

Supported by our current EPA EJ CPS Grant, we have worked with the City of Providence over the past few years to launch a series of quarterly meetings of key lead-related stakeholders on a local level. This group meets every 3 months and will form the the heart of this CPS project going forward. Current partners include: City of Providence Housing Code (project partner), City of Providence Housing and Community Development – lead abatement program (project partner), RI Department of Health Lead Program (project partner), the RI Center for Justice (project partner), the Rhode Island College School of Nursing (project partner) and other nonprofits, city agencies, and service providers. Our role is to bring community participation, needs, and knowledge to the table. Since starting out a few years ago, group members have agreed to the following practices and goals: meet quarterly; report out in detail on (enforcement, homes w/ lead hazards fixed, poisoning cases/data); coordinate activities. Group members agreed to large-scale benchmarks to measure our success overall: rate of lead poisoning in Providence (with attention to neighborhood/racial/income disparities), and # of housing units certified as lead-safe.

The group has recently identified a new systems-level challenge as a priority to tackle in the coming year: the majority of pre-1978 rental properties that have never come into compliance with the state lead safety certificate requirement, that consistently fly under the radar. RIDOH (project partner) identified these properties through a review of city tax assessor records, which show both property and owner addresses, and statewide data showing which properties have obtained lead certificates. We then identified a list of 100 target properties from this list with which to start a pilot proactive enforcement project. The next step is to identify a second target list of 100 noncompliant properties, evaluate steps taken in pilot project, tweak those steps and engage in a second round of proactive support and enforcement of lead certificate compliance. Both city and state partners (PVD, DOH) have agreed to assist with this analysis and report back during group meetings, and the community members engaged in the committee are eager to contribute community knowledge about patterns of landlord noncompliance and retaliation. Collaboration from academic and service provider partners (RIC, CFJ) will help provide support and retaliation protection for tenants living in those noncompliant properties. We expect this project to result in a greater supply of lead-safe housing in Providence by bringing units into compliance with RI lead laws through technical support, financial assistance, and housing code enforcement efforts. Based on success of pilot version of this project so far, we anticipate at least 25 units brought into compliance, as shown by lead safety certificates issued to properties on target list after intervention. Working

on this together will not only address a problem that has challenged the city for over 15 years, but will create a template for action that can be repeated in the future throughout the state and beyond.

Activity will be carried out by Project Coordinator Elizabeth Soriano, assisted by Project Manager Laura Brion, and Project staff Sojaili Gomez.

Tasks will include:

1. CPS group will meet quarterly (at least 10 times during project period) to share updates and information and work collaboratively.
2. CPS group will develop target list of at least 100 long-term noncompliant rental properties.
3. CPS group will create plan to bring properties into compliance through tenant/landlord education, offer of financial assistance through city lead abatement program, and enforcement to be carried out by. This will be shown by an updated timeline/work flow chart identifying activities, responsible partners, and timeline (much of which has already been committed to in meetings/letters of commitment for this grant).
4. CPS group will carry out and evaluate plan, with a target of bringing 25 housing units into compliance w/ lead laws, as shown by state-issued lead safety certificates.

Activity #2 Strengthen community leadership on lead poisoning prevention and participation in decision-making and community education.

In addition to participating in the coordination meetings with the city, we facilitate an ongoing committee of residents and allies to provide guidance to our organizational activities overall and ensure we always have a venue where honest reflection on community participation in environmental decision-making and activities can happen. Currently, we have around 10 members who have recently participated in full group meetings every 2-3 months and/or other recent education/outreach activities, 3 of whom participate in the CPS meetings and share updates with the larger group. Expanding this group as a place for environmental learning, EJ outcome/output reflection, and leadership development is an essential next step for this project.

Activity will be carried out by Project Coordinator Elizabeth Soriano, assisted by Project staff Sojaili Gomez.

During this project period, we will carry out the following tasks:

1. Hold quarterly community leadership training/support meetings (10 during project period)
2. Engage 20 community members in these meetings, including at least 10 experienced/currently engaged community leaders and 10 new community members. New members will be recruited through additional education/outreach activities described, and current member/staff/board networking, partner agency referrals.
3. Provide training activities and Q&A sessions during meetings on the following key topics and others identified by the group, with assistance from project partners including RI Center for Justice, RI College School of Nursing, and RI Department of Health: lead hazard identification, understanding lead/housing/environmental data, understanding lead poisoning prevention law/policy, environmental education and outreach methods.
4. Ensure that 10 community members participate as leaders during CPS meetings in activity described above or as community educators/speakers during door-to-door outreach or community health worker workshops (described in following activity).

Activity #3 Raise awareness among parents, tenants, homeowners, and other community members at risk for lead poisoning by carrying out linguistically and culturally appropriate door-to-door outreach and education.

For door to door outreach targeting 100 properties identified by CPS group and community members, we will update a multilingual resident education packet of existing materials available from DOH and knock on doors in multilingual teams of 2 to distribute materials and engage residents in conversations about lead hazards, prevention resources, and free legal services to protect tenants (retaliation is a key concern of current

committee members). Interested community members will be given the opportunity to volunteer in both educational tactics and receive training on community outreach methods.

We will also conduct 2 annual "train the trainer" series of lead safety workshops (10 hrs/5 sessions/series, for a total of 10 sessions) with a target of educating 16 community health workers conducting family home visits for low-income parents of children <6 yrs in Providence. RIDOH (project partner) will recruit and enroll participants from their network of supported CBOs employing community members as CHWs doing family home visiting. RIDOH is responsible for directing professional development for this set of CBO staff, and have requested this training from us multiple times in recent years on a statewide level. RIDOH will provide ongoing logistical support before, during, and after the workshops, including helping with turnout, assisting with pre- and post-tests, followup with participants.

We developed our innovative and interactive CHW/FHV curriculum for use with groups of refugees, and have expanded it for CHWs doing home visiting in other local communities. Topics will include how to ID lead hazards in paint, soil, water, and dust, prevention skills and resources for tenants, parents and homeowners, short-term methods such as lead-safe cleaning and interim controls, lead-safe work practices, and opportunities to get involved in our community effort to address lead. Our curriculum has been approved by RIDOH for credit hours towards RIDOH's CHW certification program and uses pre/post tests to measure knowledge gained. Participants will learn to access environmental data and use tools and resources to increase their own lead safety and that of their communities, and will benefit from our collaborative community teaching model that provides opportunities for participants to share resources and lived experience with each other. Participants will be able to use lessons learned to help their own families and spread lead safety information and resources to their larger community networks, including the families they serve.

Trainings will function as a pipeline to our community leadership group: participants will learn about history of organizing and advocacy around lead poisoning prevention in RI, and have the opportunity to create and participate in future community leadership activities, and recruit their clients to do the same. Similar trainings have been our most successful recruitment strategy in recent years, and targeting a training to community health workers in Providence has been suggested by our community members as the next step for local community engagement.

Activity will be carried out by Project Coordinator Elizabeth Soriano, assisted by Project Manager Laura Brion, and Project staff Sojaili Gomez.

Tasks for community education will include:

1. Update door to door multilingual lead safety resource packet using existing materials on landlord & tenant rights, responsibilities and resources, with input from community leadership group.
2. Staff/volunteers in multilingual groups of 2 conduct door-to-door community education about lead hazard, prevention resources, and legal protection against retaliation targeting tenants in 100 noncompliant rental property list
3. Update CHW curriculum w/ info about any new or changed community resources.
4. Recruit and enroll 16 community health workers for training series (project partner RIDOH will do).
5. Schedule and carry out 2 series of trainings (5 sessions/10 hr total each yr, for total of 10 sessions/20 hours), including administering pre- and post-tests to all participants to measure knowledge gained.

Activity #4 Lead-Safe Work Practices Training and Worker Safety

To go hand in hand with education for community health workers and parents and tenants engaged in our steering committee, CLAP will also engage those directly responsible for maintaining lead-safe homes and early childhood education facilities. Using our highly experienced bilingual trainers, the Childhood Lead Action Project will conduct 6 Spanish-language EPA Lead Paint Renovation, Repair, and Painting Rule (RRP) classes for 40 workers, with a continued specific focus on reaching the Latino contractor community, a population that has been underserved in lead safety training. We will recruit trainees through project partners, minority-serving organizations, media outlets/social media, and flyer distribution in venues which construction and home remodeling specialists frequent. After a dip during the COVID-19 pandemic shutdown, demand for this class

has rebounded and we now hit our maximum capacity for monthly classes, showing the viability and need for funding to provide more. We are the only licensed RRP training provider for Spanish language classes in the state, and scaling up our free class offerings is urgently needed from an environmental justice perspective.

Activity will be carried out by Project Coordinator Elizabeth Soriano, assisted by Project staff Sojaili Gomez.

Tasks include:

1. Update existing flyer to market RRP trainings
2. Conduct outreach to local businesses, professional associations, and other community venues serving DIY homeowners and contractors and secure agreements from 10 to display flyer. Project partner the City of Providence has agreed to promote the free training at its housing and building code office, where contractors seeking permits will be required by the city to show compliance with RRP.
3. Schedule and prep materials for 6 trainings.
4. Carry out and conduct followup tasks for 6 trainings, including issuing certificates of completion to 40 participants who successfully complete training activities and pass test.

b) Milestone schedule

Task	Start date	End date	Milestones
Activity #1: Meet quarterly with CPS stakeholder group including community members, housing code enforcement officials, RIC, DOH to coordinate lead poisoning prevention activities and continue implementation of plan to bring 100 more long-term noncompliant rental properties into compliance with RI lead laws.			
Task #1: CPS group meet approx. quarterly	Month 1	Month 34	10 meetings (4 by month 12, 7 by month 24, 10 by month 34)
Task #2: CPS group develop new 100 target property list	Month 3	Month 12	100 target property list (created by month 12)
Task #3: CPS group update plan to bring properties into compliance through education, offer of financial assistance, enforcement	Month 3	Month 9	Updated timeline/work flow plan (done by month 9)
Task #4: CPS group carry out and evaluate plan	Month 10	Month 36	25 housing units issued lead safety certificates (15 units by month 24; 10 units by month 36)
Activity #2: Strengthen community leadership on lead poisoning prevention and participation in decision-making and community education.			
Task #1: Hold quarterly community leadership training/support meetings	Month 1	Month 34	10 meetings held (4 by month 12, 7 by month 24, 10 by month 34)
Task #2: Engage community members in meetings, incl. already engaged and new members	Month 1	Month 36	20 members engaged (5 new, 10 returning by month 12; 5 more new by month 24)
Task #4: Community members participate as leaders during CPS meetings and/or other	Month 3	Month 34	10 members participate (5 by month 18; 5 by month 36)

outreach/education activities			
Activity #3 Raise awareness among parents, tenants, homeowners, and other community members at risk for lead poisoning by carrying out linguistically and culturally appropriate door-to-door outreach and education.			
Task #1: Update door to door multilingual lead safety resource packet	Month 3	Month 6	Updated resource packet
Task #2: Staff/volunteers in conduct door-to-door targeting tenants in 100 noncompliant rental property list	Month 6	Month 36	100 properties visited (50 by month 18; 50 by month 36)
Task #3: Update CHW training curriculum	Month 6	Month 9	Updated curriculum
Task #4: Recruit and enroll training participants (DOH)	Month 3	Month 24	16 participants enrolled (8 by month 12; 8 by month 24)
Task #5: Schedule and carry out 2 series of trainings (each 5 sessions/10 hours)	Month 12	Month 27	2 training series (each 5 sessions/10 hours) (Series #1 by month 15; Series #2 by month 27)
#4 Lead-Safe Work Practices Training and Worker Safety.			
Tasks #1 & 2: Raise awareness of EPA Lead Paint Renovation, Repair, and Painting (RRP) trainings among local contractors and DIY homeowners in EJ areas	Month 3	Month 24	Update existing flyer, outreach to 10 businesses/venues who agree to display flyer (flyer by month 6; 5 businesses/ venues by month 12; 5 by month 24)
Tasks #3 and 4: Prepare for, conduct, and followup from RRP classes, and issue certificates of completion to participants	Month 6	Month 36	6 classes held, 40 certificates issued to participants (2 classes and 15 certificates by month 12; 2 classes and 15 certificates by month 24; 2 classes and 10 certificates by month 36)

c) Itemized Budget Sheet/Budget Narrative

As detailed in the attached budget detail and shown in the required budget form, this initiative's total cost is $500,000. Please note that all expenses are clearly itemized on individual lines, with precise unit costs, units needed, reason for need/connection to work plan activities, timeline and all other context needed to show exactly how total cost was calculated and reasonableness. Notes about what activities the expenses are needed to support show why they are needed as well as that we have planned to include all expenses necessary to accomplish our goals. These numbers are provided in sufficient detail in the attachment to show they are reasonable and allowable by EPA. The total project expenses include **personnel (total $321,516.00)** to oversee and carry out project activities including FT Community Educator #1 w/ 10 yrs experience ($134,752.80 for 3yr period), FT Community Educator #2 w/ over 20 yrs experience (149,385.60 for 3yr period), 23% of FT Executive Director's time/salary w/ 15 yrs experience (37,377.60 for 3yr period) - most significant investment needed), **fringe benefits (total $112,530.60)** for staff at 35% of salaries, **travel (total**

$1,855.38) necessary for committee coordination, training delivery, other meetings (mileage reimbursement at federal rate - 1,634.88), and public transport for 3 staff to multiple required EPA meetings ($220.50); **supplies (total $5,513.43)** needed for RRP trainings (40 manuals $615.60, 96 lead check swabs $570.45, 2 rolls caution tape $18.42, 1 box/100 disposable booties $17.25, 1 box/100 disposable gloves $28.50, 42 N100 masks $618.24, 2 rolls 20*50 6 mil poly plastic sheeting $74.88, 3 rolls tape $26.91, 48 swiffer pads $15.98, 50 tyvek suits $399.98, 40 manila envelopes to mail RRP certificates 12.02) and office/meeting activities (36 pens $25.56, 36 note pads $31.59, 3 cartons printer paper $248.94, 3 packs lined post-it notes $46.14) 2 laptop computers for 2 FT staff working 100% on project who will need new computers during project period for community meetings/trainings and communication $1,660.00 (800/ea), projector for showing educational slides and video for RRP and community trainings/meetings ($899.99), 2 big easel pads for meeting agendas/notes/group brainstorming activities (99.98), portable projector for meetings/trainings (103.00); **other expenses (total $13,130.04)** including an RRP trainer to conduct six classes (3,000.00), language interpreting/translation for meetings/outreach (2,400.00), printing/copying for outreach/meeting materials (1,440.00), printing for door to door outreach informational door hanger (1,500.00), child care for meetings so parents can take part (2,400.00), google voice phone/text service for FT staff to communicate with project participants and other community members effectively (1,800.00), postage for mailing RRP certificates (50.40), and zoom license for meeting accessibility (539.64); and **indirect costs ($45,454.55)** calculated at 10% of total project direct costs. This project requires a 0.23 FTE executive director who will participate, and two 100% FTE Community Educators (each 35 hrs/wk). Note: ED is FT at organization (just 23% time on this project; involved directly in some project activities in addition to project oversight, planning, and reporting) and remainder of salary is already partially raised for next fiscal year. We do not require EPA funds for other reusable supplies the organization already has and will use for this project, such as a computer for our Project Manager, reusable RRP training supplies such as a swiffer, and bags and clipboards for outreach. Indirect expenses will cover a portion of normal overhead costs such as rent, utilities, insurance policies, and accounting. No equipment costs are needed in the budget.

3.0 Environmental Results - Outputs, Outcomes, and Performance Measures

a) Environmental Results - Outputs/Outcomes

See attached logic model for more context to show that we have the resources necessary to produce these outputs and that they will lead to these measurable environmental outcomes.

Anticipated Outcomes:

1. A decrease in the incidence of lead poisoning among children under 6 in Providence;
2. Multi-stakeholder partnerships among community members and local entities with resources and power to improve environmental conditions strengthened;
3. Increased capacity among Providence parents, tenants and homeowners to decrease lead hazards at home through use of lead-safe cleaning methods and interim controls and by accessing existing lead abatement assistance programs;
4. Improved compliance with state EPA lead-safe work practices training requirements by contractors and others undertaking home or child care facility renovations;
5. A greater supply of lead-safe housing for Providence residents.

Anticipated Outputs:

We expect to generate and track the following broad categories of outputs and targets:

1. CPS stakeholder group coordinates education, assistance, and enforcement activities and identifies list of 100 rental properties noncompliant to target together to bring into compliance with lead safety requirements (Targets: 10 meetings held, 1 list of properties generated, 1 work flow chart updated).
2. Community residents develop environmental knowledge and skills (Targets: 10 training/support meetings held, 20 community members participate incl. 10 new members, 10 community members participate as leaders in additional CPS stakeholder meetings and/or community outreach/education).

3. Families and tenants at high risk for exposure to lead hazards, and community members who serve them educated about lead prevention resources and tenants rights through door-to-door outreach, and community health worker workshops (Targets: 1 resource packet updated, 100 homes visited, 50 conversations held, 150 info packets distributed, 16 community health workers educated/pre-post tests show knowledge gained, 2 workshop series (5 sessions each) held).
4. Latino renovation and repair specialists receive training on the EPA Lead Paint Renovation, Repair and Painting Rule and lead-safe work practices (Targets: 1 updated promotional flyer, 10 businesses/venues display flyer, 6 RRP classes held, 40 completion certificates issued to participants).
5. Local homes made lead-safe due to coordinated multi-stakeholder outreach, assistance programs, and enforcement, as guided by community members (25 housing units on target property list issued lead safety certificates).

The Project will track expected results by analyzing records of committee recruitment and member engagement; examining the results of workshops,door-to-door outreach, contractor trainings and meetings with city officials; evaluating outcomes and shifts in lead certificates issued to local homes by licensed lead inspectors; assessing partner data showing completion of noncompliant property workplan steps; and reviewing RI Dept. of Health lead poisoning data to ascertain decreases in the rate of lead poisoning. We expect that these plans will lead to long-term changes - particularly with renovation and repair specialists (who will closely follow RRP lead-safe work practices and take steps to keep themselves safe from lead exposure on the job), tenants (who will access services and resources offered by community health workers and the City when lead hazards are suspected at home) and property owners (who will be motivated to maintain lead-safe homes for their tenants following city-level lead law enforcement). This project should have a strong potential for replication beyond the initial target area, particularly in Rhode Island communities that have only recently begun to enforce lead safety laws.

b) Performance Measurement Plan

Evaluation is an essential component of this project, built into the tasks and activities, with community member and project partner input and accountability ensured. Our process evaluation will ask important questions, such as: are we involving the number and types of parents, tenants and other stakeholders that we originally intended? Is our committee
work generating the improvements in lead-safety enforcement activity and housing conditions that we predicted would occur? Do the high-risk populations reached through workshops demonstrate a growing knowledge and concern about lead poisoning and available resources? These questions will be discussed quarterly by project staff, our project partners, and committee members. Our discussions will guide a revision of our workplan, if necessary. Any changes needed will be documented in quarterly reports. Our outcome evaluation process is outlined in the output and outcome timeline outline above and in our previously included milestone chart. In each report, we will reflect on progress toward outcomes and indicate which targets have been met and to what degree. After the project ends, we will gather all available data and perform our final evaluation. Evaluation results will be presented in a final report, which will be made available to EPA, project participants, and other interested organizations. Academic project partner RIC has requested that staff present on the project to students during and after the project period.

c) Sustainability Plan and Community Vision

As an organization founded by families of lead-poisoned children, it is essential for us that our work be rooted in a larger movement for social and environmental justice and that we work to support related, large-scale efforts for change. This project meshes well within a citywide movement for environmental justice, especially related to ongoing calls for more attention to the ways that air pollution from our highways and waterfront industry (not a wealthy waterfront but an imposition on low-income neighborhoods already burdened by lead) combine with industrial legacy toxics and the threat of gentrification to put unfair pressure on our EJ neighborhoods on multiple levels. Partners committed to this project, as well as our current volunteers, staff, and board see this project as an essential part of this larger effort and are committed to raising funds and

recruiting supporters to keep this going well into the future. We also believe that our success in working with city partners will help to build an improved pattern of city accountability to community needs that city officials can learn from and replicate in the future, and which will give community members hope that this level of partnership is possible in the right circumstances. We are deeply committed to this particular project because it is a top priority for our base and because no other initiative has produced an increase in lead-safe rental housing to benefit tenants at risk as quickly as partnering with enforcement officials has.

4.0 Programmatic Capability

a) Organizational Experience.

Our organization is the right group to lead a program of this nature. The Project's past success with similar EPA-funded community based lead prevention initiatives shows that our organization has the capacity and experience to be successful in this endeavor. EPA support has helped us grow to the point where we are a mature CBO with the right internal practices and community roots to do this, including Healthy Communities grants, Environmental Justice Small Grants, and one current Environmental Justice Collaborative Problem-Solving Grant. No other organization has devoted as much effort to ensure the environmental health and safety of Rhode Island's most underserved children. Our lean but remarkably experienced staff has created an efficient organizational infrastructure that utilizes collaborations and outside resources to coordinate intensive projects. The Childhood Lead Action Project successfully completed federally-funded programs similar in size and scope, including an EJ CPS grant ending 8/31/23 this project would build on. We have met all reporting requirements for recent assistance agreements and submitted acceptable final reports.

b) Staff Experience and Qualifications of Project Manager

The Project has a lean but highly skilled staff that has successfully completed over 15 EPA-funded projects since our inception 31 years ago. The project will utilize three of our most highly qualified lead prevention experts, all with strong community connections. Executive Director Laura Brion will oversee the effort as Project Manager. A Providence resident since 2000, she has been with the Childhood Lead Action Project since 2008 and is responsible for much of the organization's community-building and policy development victories in recent years. Her successful coordination of grassroots environmental health efforts in Providence and on a state level earned her the National Safe and Healthy Housing Coalition's Dennis Livingston Memorial Award for Exceptional Organizing in 2014.

Community Educator Elizabeth Soriano will serve as the Project Coordinator. Born in the Dominican Republic, Elizabeth moved to Providence in the 1990s and raised her children here before going back to work as a community health worker conducting home visits in all of Providence's highest-risk neighborhoods for lead. She is fluent in English and Spanish and has over a decade of experience in lead poisoning education specifically, tailoring her message effectively to parents, tenants, landlords, and workers. Community Educator Sojaili Gomez will also participate actively in this project. Sojaili first joined the Childhood Lead Action Project in 2000. Raised in Providence after immigrating to the United States as a child, Sojaili is fluent in both English and Spanish and has decades of experience using well-developed outreach and communication strategies that bring our lead poisoning prevention message to a diverse range of audiences. Sojaili also has expertise as a property owner and a realtor and will play a critical role in our outreach to both tenants and homeowners alike. Lalani Mora (contractor, Mora Construction) is a bilingual (English/Spanish), highly experienced lead abatement
specialist and serves as our principal RRP trainer. In addition to our classes, he is in high demand with local HUD-funded lead programs.Volunteers, interns, and board members are available to play a key role, especially in connecting us with specific ethnic/language communities in Providence, such as Liberian and Haitian (board members), among others.

c) Expenditure of Awarded Grant Funds

The Project has organizational procedures in place that will ensure quality assurance and sound fiscal oversight of this award. The Executive Director will closely oversee the staff and interns supporting the project

through regular supervision meetings and written work updates as needed. Project benchmarks will be reviewed by staff monthly, and, on a quarterly
basis, the project will be evaluated for adherence to the proposed plan and outcome achievement. Reports required by the EPA will be prepared with and reviewed by the parties involved in project delivery. Additionally, our organization has sound internal controls to govern the management of Project funds (for example, two signatures are required for checks
over $1,000, time sheets and expense reimbursements must be signed by the Executive Director, and separate cost centers are kept for individual grants). A CPA firm prepares quarterly and annual financial statements and the IRS Form 990, which are all reviewed by our board of directors. We also seek the lowest reasonable price on all purchases.

To ensure that we will be able to comply with EPA's Pre-award Compliance Review for Nonprofit Organizations and submit an acceptable Administrative Capability Questionnaire (EPA Form6600-09) showing all necessary controls are in place if selected for this grant, our Board of Directors has allocated funds in the current fiscal year budget (not EPA project budget) for extra help from our highly qualified CPA firm to prepare. We have scheduled a series of weekly meetings with the firm in May 2023 to do a comprehensive review of our current fiscal policy and EPA requirements, identify any needs for our policies and procedures to be strengthened, and prepare a revised policy and implementation plan ready for board review and potential adoption at a meeting to be held in June. If changes to policy and practice require more staff time to be dedicated to fiscal management, we can use already secured grant funding from the United Way of RI to be used at our discretion for activities including organizational development (current balance $15,000).

5.0 Past Performance

Below is a list of five federally funded assistance agreements that the Childhood Lead Action Project performed within the last three years and their results.

EPA Environmental Justice Collaborative Problem-Solving
Community Lead Safety Collaborative Project (EC – 00A00721) 9/1/20-8/31/23

The Childhood Lead Action Project was awarded $120,000 to prevent lead poisoning, improve the safety of rental housing, and increase the capacity of residents, government regulators, housing funding agencies, and other stakeholders to work together to address the lead issue on a local level. We have successfully managed the agreement and are on track to meet or exceed all deliverables by the end date. We have fully met all reporting requirements to date and adequately and timely reported on progress. Point of contact: Casey Abel

EPA Healthy Communities
Central Falls Lead Safety Project (HC - 00A00979) 10/1/22-9/30/23

The Childhood Lead Action Project was awarded $30,000 to engage families at high risk for lead poisoning in Central Falls, RI in lead safety workshops and a steering committee; conduct lead-safe work practices trainings for contractors; and engage lead remediation funders, enforcement officials, community partners, and state officials in coordinating resources to bring 50+ unsafe rental housing units into compliance with lead safety laws to protect tenants. We have successfully managed the agreement and are on track to meet or exceed all deliverables by the end date. We have fully met all reporting requirements to date and adequately and timely reported on progress. Point of contact: Kayla King

EPA Healthy Communities
Providence Lead Compliance Project (HC - 00A00603) 10/1/19-9/30/22

The Childhood Lead Action Project was awarded $25,000 to engage community members, daycare providers, home repair professionals, and government officials to work together to address the problem of lead poisoning in Providence, RI.We successfully managed and completed the agreement. We fully met all reporting requirements through timely and adequate reporting on progress, including the submission of acceptable final narrative and fiscal reports. Point of contact: Kayla King

EPA Healthy Communities

Blackstone Valley Compliance Project (HC00A00722) 10/1/20-9/30/22

The Childhood Lead Action Project was awarded $35,000 to Iengage families at high risk for lead poisoning in Pawtucket and Central Falls, RI in lead safety workshops and a steering committee to guide the project; provide enforcement recommendations to officials; conduct lead safety workshops for parents; conduct lead-safe work practices trainings for contractors; engage lead remediation funders, enforcement officials, community partners,and state officials in coordinating resources; and develop a new, multi-stakeholder lead certificate renewal system designed to keep landlords in compliance with lead safety laws. We successfully managed and completed the agreement. We fully met all reporting requirements through timely and adequate reporting on progress, including the submission of acceptable final narrative and fiscal reports. Point of contact: Kayla King

EPA Environmental Justice Small Grants Program

Lead-Safe Blackstone Valley (EQ-00A00374) October 1, 2017- March 31, 2020

The Childhood Lead Action Project received $30,000 to work in three of Rhode Island's highest-risk communities to reduce the incidence of childhood lead poisoning, improve the safety of rental housing, and increase the capacity of Central Falls, Pawtucket, and Woonsocket residents to address lead issues. Project activities include convening community member committees to provide leadership and direction to the project, holding Lead 101 and worker safety workshops, and training and technical assistance for city officials. All three cities have a very high incidence of lead poisoning and are home to substantial low-income and minority populations. We successfully managed and completed the agreement. We fully met all reporting requirements through timely and adequate reporting on progress, including the submission of acceptable final narrative and fiscal reports. Point of contact: Kayla King

6.0 Quality Assurance Project Plan (QAPP) Information - If selected for funding, we do not believe the the project will use data that requires a QAPP. This project expands on a current EPA-funded project that has similar activities and has been determined to not need a QAPP.

INTERNAL REVENUE SERVICE
DISTRICT DIRECTOR
G.P.O. BOX 1680
BROOKLYN, NY 11202

DEPARTMENT OF THE TREASURY

Date:
MAY 14 1997

CHILDHOOD LEAD ACTION PROJECT
Ex. 6 Personal Privacy (PP)
PROVIDENCE, RI 02907-1766

Employer Identification Number:
22-3179520
Case Number:
117072002
Contact Person:
LORI WEBB
Contact Telephone Number:
Ex. 6 Personal Privacy (PP)
Our Letter Dated:
October 1992
Addendum Applies:
No

Dear Applicant:

This modifies our letter of the above date in which we stated that you would be treated as an organization that is not a private foundation until the expiration of your advance ruling period.

Your exempt status under section 501(a) of the Internal Revenue Code as an organization described in section 501(c)(3) is still in effect. Based on the information you submitted, we have determined that you are not a private foundation within the meaning of section 509(a) of the Code because you are an organization of the type described in section 509(a)(1) and 170(b)(1)(A)(vi).

Grantors and contributors may rely on this determination unless the Internal Revenue Service publishes notice to the contrary. However, if you lose your section 509(a)(1) status, a grantor or contributor may not rely on this determination if he or she was in part responsible for, or was aware of, the act or failure to act, or the substantial or material change on the part of the organization that resulted in your loss of such status, or if he or she acquired knowledge that the Internal Revenue Service had given notice that you would no longer be classified as a section 509(a)(1) organization.

As of January 1, 1984, you are liable for taxes under the Federal Insurance Contributions Act (social security taxes) on remuneration of $100 or more you pay to each of your employees during a calendar year. You are not liable for the tax imposed under the Federal Unemployment Tax Act (FUTA).

You are required to file Form 990 only if your gross receipts each year are normally more than $25,000. For guidance in determining whether your gross receipts are "normally" more than $25,000, see the instructions for Form 990. If a return is required, it must be filed by the 15th day of the fifth month after the end of your annual accounting period. A penalty of $10 a day is charged when a return is filed late, unless there is reasonable cause for the delay. However, the maximum penalty charged cannot exceed $5,000 or 5 percent of your gross receipts for the year, whichever is less. This penalty may also be charged if a return is not complete, so please be sure your return is complete before you file it.

If we have indicated in the heading of this letter that an addendum applies, the addendum enclosed is an integral part of this letter.

ED_016126_00000240-00001

CHILDHOOD LEAD ACTION PROJECT

Because this letter could help resolve any questions about your private foundation status, please keep it in your permanent records.

If you have any questions, please contact the person whose name and telephone number are shown above.

Sincerely yours,

Herbert J. Huff

Herbert J. Huff
District Director

ED_016126_00000240-00003

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/13/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier: ME

8. APPLICANT INFORMATION:

* a. Legal Name: Gulf of Maine Research Institute

* b. Employer/Taxpayer Identification Number (EIN/TIN): 01-0504905

* c. UEI: JJGPRKQALRL7

d. Address:

* Street1: 350 Commercial St
Street2:
* City: Portland
County/Parish:
* State: ME: Maine
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 04101-5597

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Janet
Middle Name:
* Last Name: Duffy-Anderson
Suffix:

Title: Chief Scientific Officer

Organizational Affiliation:

* Telephone Number: Ex. 6 - Personal Privacy (PP)
Fax Number:

* Email: jduffy-anderson@gmri.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Building Capacity for Disadvantaged Working Waterfront Communities to Engage Constructively in Offshore Wind Development in the Gulf of Maine

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: ME-001 * b. Program/Project: ME-ALL

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 * b. End Date: 10/31/2026

18. Estimated Funding ($):

* a. Federal	499,997.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	499,997.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name: Lisa

Middle Name:

* Last Name: Janicki

Suffix:

* Title: Director, Sponsored Projects Office

* Telephone Number: Ex. 6 Personal Privacy (PP) Fax Number:

* Email: ljanicki@gmri.org

* Signature of Authorized Representative: Lisa Janicki * Date Signed: 04/13/2023

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

GMRI_EPA_EJCPS_MacDonald_14April2023

1234-GMRI EJCPS Budget Justification_Final.pdf
application/pdf
qKeS15M5saMcJKk4QWhgU/nPvSs=

1235-Logic Model_Final.pdf
application/pdf
aCXTOxXqYEOxkXiO4eSpOPtsSUI=

1236-GMRI_CVs_Combined.pdf
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uBFJQErR0gKfhz0ji3kOI5SGi8c=

1237-GMRI_Letters of Commitment_Combined.pdf
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+RIZSbk1KJTArR2D1mT2JzvV7m8=

1238-GMRI_IRS_Letter of Determination .pdf
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Application
New
2023-04-13
ME
Gulf of Maine Research Institute
01-0504905
JJGPRKQALRL7
350 Commercial St

Portland
ME: Maine
04101-5597
USA: UNITED STATES

Janet
Duffy-Anderson

Chief Scientific Officer
EX. 6 - Personal Privacy (PP)
jduffy-anderson@gmri.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Building Capacity for Disadvantaged Working Waterfront Communities to Engage Constructively in Offshore Wind Development in the Gulf of Maine
ME-001
ME-ALL
2023-11-01
2026-10-31
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499997.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Lisa
Janicki

Director, Sponsored Projects Office
Ex. 6 Personal Privacy (PP)
ljanicki@gmri.org
Lisa Janicki
2023-04-13

Lisa
Janicki

Director, Sponsored Projects Office
350 Commercial St
Portland
ME: Maine
04101
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
ljanicki@gmri.org

Charissa
Kerr

Chief Financial Officer
350 Commercial St
Portland
ME: Maine
04101-5597
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
ckerr@gmri.org

Lisa
Janicki

Director, Sponsored Projects Office
350 Commercial St
Portland
ME: Maine
04101-5597
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
ljanicki@gmri.org

Janet
Duffy-Anderson

Chief Scientific Officer
350 Commercial St
Portland
ME: Maine
04101-5597
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
jduffy-anderson@gmri.org

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164992.00

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164992.00

Total Direct Charges: $343,373
Total Indirect Charges: $156,624
GMRI's federally negotiated indirect rate is 51.67% of MTDC. No indirect costs are applied to subaward or contract amounts in excess of $25,000 or to external facilities rental costs.

1239-Application Work Plan Final.pdf
application/pdf
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Gulf of Maine Research Institute
350 Commercial St
Portland
ME: Maine
04101-5597

JJGPRKQALRL7
Lisa Janicki
Ex. 6 Personal Privacy (PP)
ljanicki@gmri.org
Director, Sponsored Projects Office
Y: Yes
N/A
N/A
N/A
N: No
Y: Yes
N: No
N: No
N: No
Y: Yes
N: No
We recently received EPA funding and are in the process of addressing this.
We recently received EPA funding and are in the process of addressing this.
Lisa Janicki
Director, Sponsored Projects Office
2023-04-13

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Lisa Janicki
GRANT13860282

IRS LETTER OF DETERMINATION

Internal Revenue Service

Department of the Treasury
P. O. Box 2508
Cincinnati, OH 45201

Date: August 28, 2003

Gulf of Maine Research Institute
Gulf of Maine Aquarium
% Eleanor Chatto
P.O. Box 7549
Portland, ME 04112-7549

Person to Contact:
Mrs. Coghill 31-07426
Customer Service Representative
Toll Free Telephone Number:
8:00 a.m. to 6:30 p.m. EST
Ex. 6 - Personal Privacy (PP)
Fax Number:
Ex. 6 - Personal Privacy (PP)
Federal Identification Number:
01-0504905

Dear Sir or Madam:

This is in response to the amendment to your organization's Articles of Incorporation filed with the state on June 6, 2003. We have updated our records to reflect the name change as indicated above.

In May 1996 we issued a determination letter that recognized your organization as exempt from federal income tax. Our records indicate that your organization is currently exempt under section 501(c)(3) of the Internal Revenue Code.

Based on information subsequently submitted, we classified your organization as one that is not a private foundation within the meaning of section 509(a) of the Code because it is an organization described in section(s) 509(a)(1) and 170(b)(1)(A)(vi).

This classification was based on the assumption that your organization's operations would continue as stated in the application. If your organization's sources of support, or its character, method of operations, or purposes have changed, please let us know so we can consider the effect of the change on the exempt status and foundation status of your organization.

Your organization is required to file Form 990, Return of Organization Exempt from Income Tax, only if its gross receipts each year are normally more than $25,000. If a return is required, it must be filed by the 15th day of the fifth month after the end of the organization's annual accounting period. The law imposes a penalty of $20 a day, up to a maximum of $10,000, when a return is filed late, unless there is reasonable cause for the delay.

All exempt organizations (unless specifically excluded) are liable for taxes under the Federal Insurance Contributions Act (social security taxes) on remuneration of $100 or more paid to each employee during a calendar year. Your organization is not liable for the tax imposed under the Federal Unemployment Tax Act (FUTA).

Organizations that are not private foundations are not subject to the excise taxes under Chapter 42 of the Code. However, these organizations are not automatically exempt from other federal excise taxes.

Donors may deduct contributions to your organization as provided in section 170 of the Code. Bequests, legacies, devises, transfers, or gifts to your organization or for its use are deductible for federal estate and gift tax purposes if they meet the applicable provisions of sections 2055, 2106, and 2522 of the Code.

Gulf of Maine Research Institute
01-0504905

Your organization is not required to file federal income tax returns unless it is subject to the tax on unrelated business income under section 511 of the Code. If your organization is subject to this tax, it must file an income tax return on the Form 990-T, Exempt Organization Business Income Tax Return. In this letter, we are not determining whether any of your organization's present or proposed activities are unrelated trade or business as defined in section 513 of the Code.

Section 6104 of the Internal Revenue Code requires you to make your organization's annual return available for public inspection without charge for three years after the due date of the return. The law also requires organizations that received recognition of exemption on July 15, 1987, or later, to make available for public inspection a copy of the exemption application, any supporting documents and the exemption letter to any individual who requests such documents in person or in writing. Organizations that received recognition of exemption before July 15, 1987, and had a copy of their exemption application on July 15, 1987, are also required to make available for public inspection a copy of the exemption application, any supporting documents and the exemption letter to any individual who requests such documents in person or in writing. For additional information on disclosure requirements, please refer to Internal Revenue Bulletin 1999 - 17.

Because this letter could help resolve any questions about your organization's exempt status and foundation status, you should keep it with the organization's permanent records.

If you have any questions, please call us at the telephone number shown in the heading of this letter.

This letter affirms your organization's exempt status.

Sincerely,

John E. Ricketts, Director, TE/GE
Customer Account Services

CURRICULUM VITAE

Ex. 6 Personal Privacy (PP)

PERSONAL:

Gulf of Maine Research Institute
350 Commercial Street
Portland, ME 04101

E-mail: Ex. 6 Personal Privacy (PP) @gmri.org

PROFESSIONAL INTERESTS:

Climate-Ecosystem science. Ecosystem effects on fisheries dynamics. Fisheries oceanography. Fish early life history. Recruitment. Feeding and growth. Trophic interactions. Habitat use. Marine and estuarine ecology.

EDUCATION:

Ph.D., March 1996, Marine Studies. University of Delaware, Graduate College of Marine Studies, Sussex County, Lewes, DE.

B.S., June 1990, Biology. Lafayette College, Northampton County, Easton, PA.

PROFESSIONAL EMPLOYMENT:

2022-present: Chief Scientific Officer, Gulf of Maine Research Institute, Portland, ME

2014-2022: Supervisory Research Fisheries Biologist, NOAA/Alaska Fisheries Science Center, Recruitment Processes/EcoFOCI Program, Seattle, WA

2013-2021: Affiliate Assistant Professor, Oregon State University, Department of Fisheries and Wildlife. Corvallis, OR.

2004-2021: Affiliate Assistant Professor, University of Washington, School of Aquatic and Fishery Sciences. Seattle, WA.

2001-2014: Research Fisheries Biologist, NOAA/Alaska Fisheries Science Center, Seattle, WA.

1999-2001: Postdoctoral Research Associate, University of Washington/JISAO; NOAA/NMFS Alaska Fisheries Science Center, Seattle, WA.

1996-1999: Postdoctoral Research Fellow, Rutgers University, Tuckerton, NJ.

1996-1998: Adjunct Professor, University of Delaware, Newark, DE.

LEADERSHIP: (recent, selected)

- 2023-present: NAS Standing Committee on Offshore Wind
- 2022-present: NERACOOS. Board of Directors.
- 2020-2022: DFO-NMFS Climate and Fisheries Collaboration Network, Arctic Lead

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- 2016-2021: Bering Sea Team Lead
- 2012-present: Steering Committee Chair, International Flatfish Symposium
- 2013-2022: Lead, Ecosystems and Fisheries Oceanography Coordinated Investigations

FISHERIES MANAGEMENT EXPERIENCE:

- **NOAA Fisheries:** Routinely coordinate with, contribute to, present to, respond to, stock assessors (single, multispecies), Ecosystem Status Reports, Ecosystem Socio-economic Profiles, Plan Teams, Science and Statistical Committee, North Pacific Fishery Management Council, NOAA Fisheries HQ

- **AK State Fisheries:** Coordinate with State colleagues on issues such as bycatch, conservation, field work, data (collection, reporting, analyses)

- **ME State Fisheries:** Coordinate with State colleagues on issues such as offshore wind, aquaculture, field work, data (collection, reporting, analyses)

- **Stakeholders:** Communication and transparency with industry partners, local communities, native communities and tribal governments, NGOs, international treaty bodies (esp. arctic)

HONORS AND AWARDS: (selected)

2022: NOAA/AFSC – Dept. of Commerce Bronze Medal, Scientific Achievement
2022: NOAA/AFSC – Dept. of Commerce Administrator's Award, Service to the Nation
2021: PICES – Ocean Monitoring Award, Observational Science Excellence
2015: NOAA/AFSC – Dept. of Commerce Gold Medal, Scientific Achievement
2002: NOAA/AFSC – Dept. of Commerce Bronze Medal, Scientific Achievement

PUBLICATIONS (selected, of 90+):

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) In press. Pacific cod in the Anthropocene: an early life history perspective under changing thermal habitats. *Fish and Fisheries.*

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) 2021. Modeling the dispersal of polar cod (*Boreogadus saida*) and saffron cod (*Eleginus gracilis*) early life stages. *Progress In Oceanography* 196(3):102571

Ex. 6 Personal Privacy (PP) In press. Climate-mediated drivers of the distributions and abundances of larval fish assemblages in a warming Pacific Arctic. *Global Change Biology.*

Ex. 6 Personal Privacy (PP) *Early Life History*. In Fish Ecology. (Le Pape and Cabral, Eds.). In press.

ED_016126_00000251-00002

Ex. 6 Personal Privacy (PP)
Gulf of Maine Research Institute
350 Commercial St.
Portland, ME 04101
Ex. 6 - Personal Privacy (PP)
jlabaree@gmri.org

A. Professional Preparation

Williams College	Williamstown, MA	BA, History	1985
Yale University	New Haven, CT	MEM	1990

B. Appointments

2012 – to present **Gulf of Maine Research Institute,** **Portland, Maine**
Chief Community Officer
- Guide all aspects of GMRI's Community Department, including a staff of 10, with 6 direct-reports, and combined annual budget of $2.5 million.
- Serve as a member of GMRI's senior management team.
- Set strategic direction for GMRI's community programming.
- Develop and oversee GMRI's aquaculture program.
- Convene fishing community leaders, peer nonprofits, and NOAA Fisheries leadership around contentious fisheries management issues.

2009 – 2012 **Gulf of Maine Research Institute,** **Portland, Maine**
Fisheries Technical Assistance Program Manager
- Provided technical assistance to New England's groundfish industry during a period transformative change, engaging harvesters in complex resource management decisions.
- Managed program staff of 3 - including hiring and evaluation.
- Maintained professional connections with industry representatives, state and federal agencies, and nonprofit partners.
- Oversaw all program components, including budgeting, grant-writing, reporting, communications, and planning.
- Convened industry and regulatory representatives to build consensus on fisheries management procedures and protocols.
- Maintained GMRI's neutral position in an extremely polarized atmosphere.

2005 – 2009 **Maine Coast Heritage Trust,** Director of Development **Topsham, Maine**
- Oversaw and coordinated all aspects of fundraising, including major gifts, annual fund, membership, capital needs, restricted giving, donor stewardship, and gift tracking.
- Administered MCHT's planned giving program, drafting planned gift documents, educating donors, and meeting attorneys.
- Managed department of 6 staff - including hiring and evaluation.
- Served on MCHT's senior management team.
- Ran major donor program, including coordinating strategy, arranging cultivation and solicitation visits, and directing donor stewardship.
- Attended outreach functions and represented MCHT at conferences, meetings, and receptions.

2001 – 2005 **Maine Coast Heritage Trust,** Campaign Director **Topsham, Maine**
- Oversaw all aspects of MCHT's successful $100 million capital campaign.
- Worked with president and board to cultivate donors and solicit capital gifts.
- Coordinated project-specific campaigns, working with community members and project staff to develop materials, outline strategies, write grants, and solicit gifts.
- Researched prospects for cultivation and solicitation.
- Organized donor outreach events in Maine and in Boston, New York, and Washington.

1998 – 2001 **Maine Coast Heritage Trust,** Project Manager **Brunswick, Maine**
- Responsible for MCHT's conservation activity in mid-coast region.
- Worked in conjunction with local land trusts, state, and federal agencies to conserve land.
- Advised landowners and their families on planning for conservation.
- Secured public funding from state and federal sources through grant applications.
- Negotiated land transactions including donations, bargain sales, and acquisitions.

1991 – 1998 **Quebec-Labrador Foundation/ Atlantic Center for the Environment, Program Director** **Ipswich, Massachusetts**
- Directed community conservation projects in New England and eastern Canada.
- Engaged with communities throughout the region in natural resource issues, including land conservation, watershed protection, cultural heritage, and marine conservation.
- Managed marine research grant program.

1990 **Island Institute, Ecological Services Intern** **Rockland, Maine**
Mapped land cover using satellite imagery and aerial photography.

1985 – 1988 **McClave & Philbrick, Boatbuilder** **Stonington, Connecticut**
Restored classic sailing yachts in a small boat shop.

C. Recent Products

Labaree, J.M. and Heather Cronin (2020) *Community Perspective: A special report to NEFMC on port meetings for its review of sector management.* GMRI.

Lead author of GMRI's report for Confluence Philanthropy (2015): *Impact Investing Activity and Opportunities in New England Groundfish, Lobster, and Aquaculture Industries.*

Labaree, J.M. 2012. *Sector Management in New England's Groundfish Fishery: Dramatic change spurs innovation* (GMRI).

Yale Food Symposium, 2015, panel speaker on sustainable seafood.

Williams College Class of '60 Scholar speaker on impacts of climate change on fisheries, 2014.

Confluence Philanthropy Mission:Fish panelist (Boston & New York) – impact investing in New England fisheries (2015).

Williams College-Mystic Seaport Program in American Maritime Studies – regular guest lecturer on fisheries.

Ex. 6 Personal Privacy (PP)
hmacdonald@gmri.org | Ex. 6 - Personal Privacy (PP)

EDUCATION

University of Rhode Island — May 2022
Master of Environmental Science and Management
Certificates: Science Writing and Rhetoric; Diversity and Inclusion — **GPA: 4.0**

Michigan State University | Honors College — May 2018
Bachelor of Science in Earth Science
Minors: Marine Ecosystem Management; Environmental Studies and Sustainability — **GPA: 3.69**

RESEARCH & PUBLIC ENGAGEMENT

Fisheries Technical Assistance Program Project Manager — May 2022 – Present
Gulf of Maine Research Institute, Portland, ME
- Managing the operation of the Maximized Retention Electronic Monitoring program
- Coordinating data collection, transfer, and review with all stakeholders and project partners
- Facilitating collaborative research to improve seafood quality with small-scale fishermen

Sanctuary Advisory Council Member - Research Seat — Mar 2023 – Present
NOAA Stellwagen Bank National Marine Sanctuary, Scituate, MA

Associate | Facilitator
Consensus Building Institute, Boston, MA — Feb 2022 – June 2022
- Supported the planning and facilitation for BOEM's Gulf of Maine Intergovernmental Renewable Energy Task Force meeting

Research Associate | Shipwreck Avoidance Program Manager
NOAA Stellwagen Bank National Marine Sanctuary, Scituate, MA — Dec 2020 – May 2022
- Facilitated stakeholder engagement and public comment periods for management plan
- Coordinated working groups for strategic development, research, and management
- Lead design, management, and communications of Shipwreck Avoidance Program

Graduate Assistant
University of Rhode Island Marine Affairs Department, Kingston, RI — Nov 2020 – May 2022
- Designed institutional review board approved ethnographic study and finalized report
- Conducted 81 surveys with Gulf of Maine fishermen to identify behavior, experience, and opinions on shipwreck protection efforts

Communications Fellow — Sep 2020 – May 2022
University of Rhode Island College of the Environment and Life Sciences, North Kingstown, RI
- Managed external communications through writing 12 monthly articles, daily social media posts, and website management reaching an audience over 10,000 monthly viewers
- Trained and managed a team of four students in writing and science communication skills

Education Specialist — Nov 2018 – Sep 2020
NOAA Office of National Marine Sanctuaries, Silver Spring, MD
- Facilitated three week-long programs brining in 45 regional educators and 25 graduate scholars for communication, engagement, and professional development training
- Led national live ocean exploration programs, *Sanctuaries Live,* and virtual reality resources, *Sanctuaries 360°* engaging over 100,000 viewers

- Supported stakeholder engagement at national conferences and trade shows

Youth Leadership Council Coordinator — Feb 2016 – Dec 2018
EarthEcho International, East Lansing, MI
- Managed network of over 80 youth members to develop environmental campaigns in their local communities
- Organized and coordinated logistics for two multi-day leadership summits and trainings in Washington, D.C. for 70 international youth ambassadors

Economic Impact Research Specialist — Aug 2018 – Nov 2018
NOAA Thunder Bay National Marine Sanctuary, Alpena, MI
- Collected and organized economic assessment through over 400 visitor evaluations

Michigan Policy Fellow
Institute for Public Policy and Social Research at Michigan State University, East Lansing, MI — Aug 2017 – May 2018
- Researched environmental policy and societal effects in Michigan
- Wrote summarized environmental policy briefings to inform state policy makers

NOAA Hollings Scholar — May 2017 – Aug 2017
NOAA Olympic Coast National Marine Sanctuary, Port Angeles, WA
- Developed three week-long marine science programs for over 60 local youth using inquiry-based lessons focused on Pacific Northwest ecosystems
- Supported community engagement and educational programs with coastal treaty tribes

Sea Turtle Research Intern — June 2015 – Aug 2015
Cape Eleuthera Institute, Eleuthera, The Bahamas
- Conducted and analyzed abundance surveys on sea turtles, predators, and sea grasses
- Facilitated educational programs for high school students to teach research techniques

PUBLICATIONS & PRESENTATIONS

Stellwagen Bank National Marine Sanctuary Draft Management Plan and Environmental Assessment (Contributing Writer for Public Report) — Nov 2021
Assessing Impacts to Mitigate Fishing Gear Impacts on Shipwreck Sites in Stellwagen Bank National Marine Sanctuary (Co-Authored Academic Report) — In Draft
Inclusive Science Communicator in the Spotlight (Lead Author for Article) — Aug 2021
MBARI Live from the Deep: Exploring the Depths of Sur Ridge (Producer for Live Program) — June 2021
Ocean vs Space, Fast Company Innovation Festival, New York City, NY (Panel) — Nov 2016
Leaders in Marine Conservation, Capitol Hill Ocean Week, Washington, D.C. (Panel) — Jun 2015

AWARDS AND CERTIFICATIONS

Jackson Wild Film Fellowship Award — Oct 2021
North American Association for Environmental Education 30 Under 30 — May 2018
NOAA Ernest F. Hollings Scholarship — Apr 2016
NOAA Thunder Bay National Marine Sanctuary Volunteer of the Year — Jun 2015

SKILLSETS

Project management, network development, inclusive science communication, stakeholder engagement, grant writing, film and multimedia production, science writing, social media management, knowledge of Gulf of Maine fisheries regulations and management

Technical: ArcGIS Pro Suite, Adobe Illustrator, Google Suite, Microsoft Office, Constant Contact, website design

Ex. 6 Personal Privacy (PP)

Gulf of Maine Research Institute
350 Commercial Street, Portland, Maine 04101, USA
Ex. 6 - Personal Privacy (PP) | ktokunaga@gmri.org | Google Scholar | ResearchGate

A. Professional Preparation

Washington College	Economics	B.A. 2008
University of Hawai'i at Mānoa	Economics	M.A. 2010
University of Hawai'i at Mānoa	Graduate Ocean Policy Certificate Program	Certificate 2015
University of Hawai'i at Mānoa	Economics	Ph.D. 2015

B. Appointments

2022 – present.	Research Scientist, Gulf of Maine Research Institute
2019 – 2021	Associate Research Scientist, Gulf of Maine Research Institute
2018	Consultant, Environmental Defense Fund
2018	Associate Researcher, National Research Institute of Fisheries Science, Japan Fisheries Research and Education Agency
2017 – 2018	Visiting Lecturer, Musashi University
2015 – 2018	Project Researcher, Ocean Alliance, The University of Tokyo
2012 – 2015	Research Assistant, Department of Natural Resources and Environmental Management, University of Hawai'i at Mānoa
2010 – 2012	Graduate Research Fellow, University of Hawai'i Economic Research Organization
2010 & 2011	Lecturer, Department of Economics, University of Hawai'i at Mānoa
2008 – 2009	Teaching Assistant, Department of Economics, University of Hawai'i at Mānoa

C. Publications relevant to the proposal

Ex. 6 Personal Privacy (PP) 2023) Economic Diversity of Maine's American Lobster Fishery. *Canadian Journal of Fisheries and Aquatic Sciences*, :cjfas-2022-0096. https://doi.org/10.1139/cjfas-2022-0096

Ex. 6 Personal Privacy (PP) (2022) Co-production of knowledge and strategies to support climate resilient fisheries. *ICES Journal of Marine Science*, :fsac110. https://doi.org/10.1093/icesjms/fsac110

Ex. 6 Personal Privacy (PP) (2022) Indicator-based tools for assessing ocean risks and vulnerabilities. https://oceanrisk.earth/#tools

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) (2021) Attributes of climate resilience in fisheries: From theory to practice. *Fish and Fisheries*, 23(3)https://doi.org/10.1111/faf.12630

Ex. 6 Personal Privacy (PP) (2016) Marine Renewable Energy Development and Marine Spatial Planning in the United States: A Case Study of the Rhode Island Ocean Special Area Management Plan. *Journal of Japan Society of Ocean Policy*, 6:101–116.

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D. Other publications

Ex. 6 Personal Privacy (PP) (2023) Implications of fisheries allocation policy on anticipated climate change impacts. *Marine Policy*, 148:12. https://doi.org/10.1016/j.marpol.2022.105402

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) (2021) Global ecological and economic connections in Arctic and sub-Arctic crab markets. *Marine Policy*, 127:104442. https://doi.org/10.1016/j.marpol.2021.104442

Ex. 6 Personal Privacy (PP) (2021) Achieving multiple socio-ecological institutional fits: The case of spiny lobster co-management in Wagu, Japan. *Ecological Economics*, 181:106911. https://doi.org/10.1016/j.ecolecon.2020.106911

Ex. 6 Personal Privacy (PP) (2020) Norms and the willingness to pay for coastal ecosystem restoration: A case of the Tokyo Bay intertidal flats. *Ecological Economics*, 169(March):106423. https://doi.org/10.1016/j.ecolecon.2019.106423

Ex. 6 Personal Privacy (PP) (2017) Climate change and marine fisheries: Least developed countries top global index of vulnerability. *PLoS ONE*, 12(6):e0179632. https://doi.org/10.1371/journal.pone.0179632

E. Synergistic Activities

New England Fisheries Management Council, EBFM PDT member, 2022 – present.
Editorial board member: ICES Journal of Marine Science, 2021 – present.
Lead Author: IPBES Transformative Change Assessment, 2022 – 2024.
Project participation & scientific contribution to international working groups:

- Project member of the UN Ocean Decade Program Fisheries Strategies for Changing Oceans and Resilient Ecosystems by 2030 (FishSCORE2030), 2021-present.
- Project member of the international working group Science for Nature and People Partnership: Climate Resilient Fisheries, 2020-2022.
- Project member and expert participant of the ICES Workshop on Global Ecological and Economic Connections in Arctic and Sub-Arctic Crab Fisheries (WKCRABCON), December 2017.
- Expert participant of the Aichi Target 6 Expert Meeting (convened by FAO, the CBD Secretariat, and the IUCN-CEM-FEG), February 2016, Rome.

Public symposium organization:

- US-Japan International Symposium on Fisheries Reform in the US: Possibility of Introduction to Japanese Fisheries, Tokyo, September 2017.
- Forging Consensus on Ocean Issues: Thinking About the Past and Future of Human-Ocean Linkages, Tokyo, May 2015.

Other professional activities:

- Scientific Committee, North American Association of Fisheries Economist Biennial Meeting, 2023.
- Northeastern Agricultural and Resource Economics Association, Career Advancement and Mentoring Fellow, 2019 – 2020.

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) @gmri.org // Ex. 6 - Personal Privacy (PP)

WORK EXPERIENCE

Gulf of Maine Research Institute Aug 2020 – present
Director, Climate Center

University of Maine
External Associate, Climate Change Institute Spring 2021 – present
Adjunct Faculty, School of Law Spring 2022

Biden-Harris Presidential Transition Oct 2020 – Jan 2021
Agency Review Team, White House Office of Science and Technology Policy (OSTP)

U.S. Department of the Interior / U.S. Geological Survey Oct 2019 – Aug 2020
Acting Director, Northeast & Southeast Climate Adaptation Science Centers

White House OSTP / U.S. Global Change Research Program Sept 2016 – Oct 2019
Director, National Climate Assessment

U.S. Department of State Aug 2011 – Sept 2016
Chief Climate Scientist

U.S. Senate Aug 2010 – Aug 2011
Science & Technology Policy Fellow

National Academies of Sciences, Engineering, and Medicine Jan 2010 – Apr 2010
Christine Mirzayan Science & Technology Policy Fellow

EDUCATION

- **Ph.D. - Atmospheric Sciences,** Spring 2010
  Certificate in Interdisciplinary Policy Dimensions of the Earth Sciences
  University of Washington, Seattle, WA
- **M.S. - Atmospheric Sciences,** Fall 2005
  University of Washington, Seattle, WA
- **B.A. - Chemistry,** *Magna Cum Laude,* Spring 2001
  Colgate University, Hamilton, NY

RECENT SERVICE & LEADERSHIP

- **Author, Northeast Chapter** Fall 2021 – present
  Fifth National Climate Assessment
- **Juror, *Tidal Shift Award*** 2022, 2023
  Portland Museum of Art
- **Planning Committee Member** Fall 2022 – present
  Department of the Interior Biodiversity & Climate Change Assessment
- **Code RED Museum Exhibit Contributor** Spring 2023
  Maine Historical Society
- **Mentor, NSF Research Experience for Undergraduate Program** Summer 2022, 2023
  Gulf of Maine Research Institute
- **Mentor** Summer 2022, 2023

Colby College Buck Lab for Climate & Environment Internship Programs Winter 2020-21, 2021-22

- **Expert External Reviewer** Fall 2021 – Spring 2022
  U.S. Department of the Interior Northwest Climate Adaptation Science Center
- **Biden-Harris Presidential Transition** Oct 2020 – Jan 2021
  Agency Review Team, White House Office of Science and Technology Policy
- **Session Co-Chair / Convener**
  Gordon Research Conference, Visualization in Science & Education Jul 2023
  American Geophysical Union Fall Meeting, Global Change Section (oral & poster) Dec 2020
- **Mentor** Dec 2019 – Nov 2020
  American Society of Adaptation Professionals

SELECT PUBLICATIONS

- **Ex. 6 Personal Privacy (PP)** 023. Gulf of Maine Warming Update: 2022 the Second Hottest Year on Record. https://gmri.org/stories/warming-22
- **Ex. 6 Personal Privacy (PP)** 2023, Status of State-Level Climate Action in the Northeast Region: A Technical Input to the Fifth National Climate Assessment. Gulf of Maine Research Institute, Portland, Maine, USA. 9 pp. https://gmri-org-production.s3.amazonaws.com/documents/Status_of_State_Action.pdf
- **Ex. 6 Personal Privacy (PP)**, 2022: "Exploring the Viability of Ocean-Based Carbon Dioxide Removal Solutions: Meshing science and early-stage impact investing." Gulf of Maine Research Institute. https://gmri-org-production.s3.amazonaws.com/documents/GMV_whitePaper_OceanCDR.pdf
- **Ex. 6 Personal Privacy (PP)** 2021: "Advancing Maine's State Climate Action Plan: GMRI Projects Supporting *Maine Won't Wait*." Gulf of Maine Research Institute. https://gmri-org-production.s3.amazonaws.com/documents/GMRI-MWW.pdf
- **Ex. 6 Personal Privacy (PP)**
  Ex. 6 Personal Privacy (PP), 2020, Using information from global climate models to inform policymaking—The role of the U.S. Geological Survey: U.S. Geological Survey Open-File Report 2020–1058, 25 p., https://doi.org/10.3133/ofr20201058.
- USGCRP, 2018: *Impacts, Risks, and Adaptation in the United States: Fourth National Climate Assessment, Volume II* **Ex. 6 Personal Privacy (PP)** **Ex. 6 Personal Privacy (PP)** (eds.)]. U.S. Global Change Research Program, Washington, DC, USA. doi: 10.7930/NCA4.2018.
- **Ex. 6 Personal Privacy (PP)** **Ex. 6 Personal Privacy (PP)** 2018: Overview. In *Impacts, Risks, and Adaptation in the United States: Fourth National Climate Assessment, Volume II* [Reidmiller, D.R., C.W. Avery, D.R. Easterling, K.E. Kunkel, K.L.M. Lewis, T.K. Maycock, and B.C. Stewart (eds.)]. U.S. Global Change Research Program, Washington, DC, USA. doi: 10.7930/NCA4.2018.CH1.
- **Ex. 6 Personal Privacy (PP)** co-authors, 2010: *Hemispheric Transport of Air Pollution*, Part A: Ozone, Fine Particles, Acidification and Eutrophication, F. Dentener, T. Keating and A. Zuber, eds., Chapter 4: Global and Regional Modeling, U.N. Economic Commission for Europe.
- **Ex. 6 Personal Privacy (PP)**, 2009: The influence of foreign vs. North American emissions to surface ozone in the U.S., *Atmos. Chem. Phys.*, Vol. 9, 5027-5042, doi.org/10.5194/acp-9-5027-2009.
- **Ex. 6 Personal Privacy (PP)** 2009: Interannual variability of long-range transport at the Mt. Bachelor Observatory, *Atmos. Chem. Phys.*, Vol. 9, 557-572, doi.org/10.5194/acp-9-557-2009.

Ex. 6 Personal Privacy (PP)
Gulf of Maine Research Institute
350 Commercial Street
Portland, ME 04101
Ex. 6 Personal Privacy (PP)@gmri.org

Education

University of Maine 2020-2022
Degrees Earned: MS in Ecology and Environmental Sciences, Master's in Business Administration (MBA)

University of Vermont 2009-2013
Degree Earned: BA in Psychology, Minor in Ecological Agriculture

Professional Experiences

Gulf of Maine Research Institute *Portland, ME* September 2022-Present
Business Climate Action Program Manager
- Engaging with businesses on climate change mitigation and adaptation
- Designing and implementing a program plan that addresses the needs and vulnerabilities of regional blue economy businesses

Topsham Energy Committee *Topsham, ME* May 2021-Present
Committee Member (Volunteer)
- Work with the Town Board of Selectmen and staff to increase the towns energy efficiency and facilitate the towns transition towards cleaner energy sources

Maine Business School *Portland, ME* May 2022-August 2022
Graduate Intern
- Worked with the Maine Resource Recovery Association to promote reusable packaging in Maine restaurants
- Created promotional materials and logos, conducted outreach to stakeholders, and explored funding avenues for starting a pilot program

University of Maine *Orono, ME* May 2022-July 2022
Graduate Specialist
- Worked with officials in Bar Harbor, Maine to understand the towns municipal waste system
- Designed and conducted a waste audit for Bar Harbor and created an audit report

University of Maine *Orono, ME* — May 2021-May 2022
Graduate Researcher

- Designed and implemented a research project to understand alternative packaging choices for restaurants
- Convened with and engaged key stakeholders through interviews, workshops, and survey's

Peninsula Tomorrow *Blue Hill, ME* — February 2022-June 2022
Assistant Coordinator

- Conducted listening sessions focused on climate change and resilience planning in Maine's Blue Hill Region
- Prepared documents, letters of support, and project budgets to assist municipalities as they applied for federal and state funding opportunities

Governors Office of Policy Innovation and the Future *Augusta, ME* — February 2021-May 2021
Graduate Intern

- Researched innovative green energy projects launched by Maine Municipalities
- Interviewed stakeholders and collected data from the municipal entities involved
- Created a report on each energy project and presented the findings to representatives of Maine's Energy Office and members of the state's house and senate

Maine Small Business Development Center *Portland, ME* — November 2020-May 2021
Graduate Intern

- Created outreach materials and designed webinars to assist small businesses affected by COVID-19 related shutdowns
- Created a tool to help new entrepreneurs navigate the different types of licenses and permits needed to start a business in Maine
- Worked with advisors to provide consulting services to small business owners

University of Maine *Orono, ME* — September 2020-May 2021
Assistant Researchers

- Assisted members of the Materials Management Research Group identify research opportunities, design projects, and maintain research schedules

Ex. 6 Personal Privacy (PP)

SAMBAS Consulting LLC

Tel. Ex. 6 - Personal Privacy (PP) | E-mail Ex. 6 - Personal Privacy (PP)

PROFESSIONAL SUMMARY

Facilitator, strategic advisor, project manager, and community outreach consultant, with extensive marine policy and coastal environment experience and a focus on building collaboration among diverse interests.

SELECT CLIENT LIST

National Marine Fisheries Service, New England Fisheries Management Council, ME Department of Marine Resources, ME Governor's Energy Office, The Nature Conservancy, ME Lobstermen's Association, ME Aquaculture Association, ME Coast Fishermen's Association, Island Institute, UNH Sea Grant, ME Sea Grant, and Consensus Building Institute.

EXPERIENCE

2009-Present SAMBAS Consulting LLC — Cumberland Foreside, ME
Founder and Principal

Contracted by a broad array of clients to perform facilitation, meeting management and organizational development services with a focus on strategic planning and collaboration building.

2006-2009 Gulf of Maine Research Institute — Portland, ME
Chief Convening Officer

Designed and managed GMRI's Community Programs from inception. Member of GMRI leadership team during period of rapid growth and strategic organizational development.

2001-2006 Gulf of Maine Research Institute — Portland, ME
Director of Collaborative Research

Developed and led program assisting fishermen and scientists in collaborative research project proposal development and execution. Served as liaison between fishing community and scientific community to facilitate collaborative research efforts and promote development of new initiatives.

1997-2001 Maine Department of Marine Resources — Augusta, ME
Special Assistant to the Commissioner

Provided strategic policy advice to commissioner and executed state policy as it relates to local governance of Maine's marine fisheries. Directed work to explore

new approaches to fisheries management, focused on industry participation, collaboration and stewardship.

1994 -1997 Maine State Planning Office, Maine Coastal Program Augusta, ME
Senior Planner

Managed and administered $4 million Coastal Zone Management grant for the State Coastal Program.

EDUCATION

1992-1994 Duke University, (Nicholas) School of the Environment Durham, NC
Master of Coastal Environmental Management (MEM)

Areas of focus: International marine fisheries, marine policy, shellfish management, natural resource economics, and ecosystem management

1986-1990 Trinity College Hartford, CT
B.S. in Psychology & Biology

Sea Education Association, Woods Hole, MA, Fall 1988 and Summer 1989
Courses in oceanography, nautical science, maritime studies. Conducted three months of oceanographic research aboard the *SSV Corwith Cramer*.

1990-1991 Thomas J. Watson Fellow Malta, Barbados and Western Samoa

Secured fellowship to study international marine pollution and regulation on small island nations. Designed and executed independent project including budget, planning, implementation and analysis.

SELECTED PROJECTS

Maine Offshore Wind Research Consortium Development and Implementation, May 2022 – current. Working in partnership with Carbon Trust Advisory, conducted interviews, researched organizational structures and assisted in development of a proposed structure and governance model for a state-initiated consortium to better understand the local and regional impacts of floating offshore wind power projects in the Gulf of Maine. Currently serving as interim Program Manager for initial start-up of organization through Governor's Energy Office.

Maine Offshore Wind Initiative, 2020 - 2023. Co-designed and facilitated the work of the Maine Offshore Wind Roadmap, a multi-stakeholder initiative led by the Governor's Energy Office to create an economic development plan for the offshore wind industry in Maine.

NH Coastal Roundtable, 2021 – 2022. Designed and facilitated a series of workshops to envision how current partnerships on coastal resilience efforts could evolve to more effectively work together in meeting the future needs of New Hampshire.

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MAINE
Lobstermen's Association, Inc.
2 Storer St, Ste 203 * Kennebunk, ME 04043
Ex. 6 - Personal Privacy (PP) * Ex. 6 - Personal Privacy (PP) * www.mainelobstermen.org

April 10, 2023

Mr. Donald W. Perkins
President/CEO
Gulf of Maine Research Institute
350 Commercial Street
Portland, Maine 04101

Dear Don:

The Maine Lobstermen's Association (MLA) is writing to confirm our interest in serving as a lobster industry advisor to the Gulf of Maine Research Institute's (GMRI) proposal to the EPA Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program for *Building Capacity for Disadvantaged Working Waterfront Communities to Engage Constructively in Offshore Wind Development in the Gulf of Maine*.

MLA works to sustain both the lobster industry and the lobster resource. Representing over 1,200 members, MLA is currently the oldest and largest fishing industry association on the East Coast. MLA strives to be proactive on issues affecting the lobster industry and is active in the management process at the state, regional and federal levels. For more than 60 years, the MLA has provided a credible voice for the lobster industry on important issues like offshore wind. MLA is highly regarded by both the fishing industry and the management community.

As lobstermen depend on access to a healthy Gulf of Maine ecosystem to earn our livelihoods, it is critical that our industry has access to independent, objective, incisive information about the ocean wind development process, the potential impact of ocean wind on our ecosystem, and the potential shoreside impact of ocean wind on fishing communities and supply chain infrastructure. We look forward to working with GMRI to advise them about specific lobster industry concerns and desires for information on emerging issues related to ocean wind and to share information produced by GMRI with our industry network.

Sincerely,

Patrice McCarron

Patrice McCarron
Policy Director

New England Fishery Management Council
50 WATER STREET | NEWBURYPORT, MASSACHUSETTS 01950 | PHONE [redacted] | FAX [redacted]
Eric Reid, *Chair* | Thomas A. Nies, *Executive Director*

April 4, 2023

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
U.S. Environmental Protection Agency

To Whom it May Concern:

I am writing to express our intent to serve as a community partner on the Gulf of Maine Research Institute's (GMRI) project "Fostering Capacity for Fishing Communities to Engage Effectively and Constructively in Offshore Wind Development in the Gulf of Maine", in support GMRI's application to EPA's 2023 EJ Collaborative Problem-Solving Cooperative Agreement Program.

The New England Fishery Management Council (Council) has primary management jurisdiction for 28 marine species in federal waters and is composed of members from Connecticut to Maine. The Council supports policies for U.S. wind energy development and operations that will sustain the health of marine ecosystems and fisheries resources. Marine fisheries in the region are profoundly important to the social and economic well-being of coastal communities and provide numerous benefits to the nation, including domestic food security. The Council has been deeply engaged in offshore wind development and planning efforts throughout the northeast region, and our members and staff have developed substantial expertise that we would be pleased to contribute to GMRI's engagement efforts.

The Council and GMRI have partnered previously on communication and outreach issues, including the Marine Resource Education Program, and we recognize GMRI's capacity to effectively communicate scientific and management issues to diverse audiences, including fishermen. The Council process, including meetings of our committees and advisory panels, serves as a convening space for discussions around offshore wind. We plan to use our meetings and other outreach channels to share information and build awareness about GMRI's project and disseminate any educational resources developed. We can also support GMRI in identifying information needs and opportunities for engagement with the fishing industry. As needed, we can also provide guidance as GMRI plans workshops or other events that will engage the fishing community in efforts to mitigate the impacts of offshore wind.

Please contact me if you have any questions.

Sincerely,

Thomas A. Nies

Thomas Nies
Executive Director

ED_016126_00000252-00002

March 30, 2023

Dear Environmental Protection Agency,

I am writing to express my support for the Gulf of Maine Research Institute's proposal to foster capacity building for fishing communities to constructively engage in offshore wind development in the Gulf of Maine.

Fishing communities will be one of the most impacted by the development of offshore wind in the Gulf of Maine. It is critical that these stakeholders, who are most vulnerable to the impacts of offshore wind, have a voice in the process to ensure equity. Maine Coast Fishermen's Association works to enhance the sustainability of Maine's fisheries by advocating for the needs of community-based fishermen in the Gulf of Maine. There is a clear need to build the capacity of local fishermen so they have a seat at the table. We see this proposal as a way to strengthen the avenue of engagement for fishermen to participate in the offshore wind development process.

Maine Coast Fishermen's Association will support this project by helping identify strategic advisors to guide the work, identifying information and resource needs through listening to the needs of our community, and by sharing assets and resources created during this project with our network that reaches over 500 fishermen along the coast of Maine

As an industry-based organization, our partnership with the Gulf of Maine Research Institute on this project will amplify the reach and ensure that the project deliverables are reaching the target audience of fishing communities.

This project is based on the needs of the community to empower fishing communities to engage in the offshore wind development process and aligns with our mission. Findings from this project would be useful to add to our collection of resources to strengthen and inform our fishermen on the offshore wind process and science as leasing and development occurs in the Gulf of Maine.

Sincerely,
Ben Martens

Ben Martens
Executive Director

TOGETHER,
WE PERSEVERE.
mainecoastfishermen.org

Massachusetts Lobstermen's Association
8 Otis Place ~ Scituate, MA 02066
Ex. 6 Personal Privacy (PP)

Department of Environmental Protection Agency,

I am writing to state Massachusetts Lobstermen's Association's support and partnership with the Gulf of Maine Research Institute's proposal to build capacity for fishing and disadvantaged communities to engage effectively in offshore wind development in the Gulf of Maine.

The lobster industry faces many challenges in the Gulf of Maine with offshore wind development coming front and center. Offshore wind will not be a solution to climate change if the needs and concerns of marine resource users, like lobstermen, aren't considered in the process. To realize an equitable approach to offshore wind development we believe the industry needs to have a seat at the table in the decision-making process.

Massachusetts Lobstermen's Association is a member-driven organization that works to maintain both the conservation of lobster and the economic sustainability of the industry. We have been actively engaged in offshore wind development in southern New England for over a decade and will continue to engage in offshore wind development in the Gulf of Maine. As we strive to be proactive on issues that the lobster industry faces, we see this project as a bridge for our community to be empowered with the tools and resources they need to constructively engage.

As one of the leading commercial fishing industry associations in New England, we will support this project by informing GMRI of informational and resource needs through listening to our members; helping identify project strategic advisors; and sharing resources from GMRI with our 1,800 members. We communicate with our members through a monthly newspaper, weekly email, social media, and industry meetings. Project deliverables, like translated science, information on upcoming meetings, and training on how to engage in the process, will be useful to share with our membership. As a trustworthy voice for the industry on important issues - like offshore wind - our support for this project will leverage and enhance GMRI's work.

Sincerely,

Beth Casoni

Executive Director
Massachusetts Lobstermen's Association

April 10, 2023

Mr. Donald W. Perkins
President/CEO
Gulf of Maine Research Institute
350 Commercial Street
Portland, Maine 04101

Dear Environmental Protection Agency:

Ready Seafood is writing to confirm our interest in working with the Gulf of Maine Research Institute (GMRI) on your proposed project *Building Capacity for Disadvantaged Working Waterfront Communities to Engage Constructively in Offshore Wind Development in the Gulf of Maine.*

Ready Seafood is committed to sustaining the lobster fishing industry and preserving its resources through industry stewardship and research. All of our products begin with live lobster caught by independent harvesters in the cold clean waters of Maine and Canada. Our direct-from-the-boat supply chain, proprietary handling techniques, cutting edge facilities and efficient shipping options mean our customers always receive the very freshest, highest quality lobster.

We appreciate GMRI's effort to build capacity to provide our fishing industry and coastal communities with independent, incisive information about the ocean wind development process, the evolving science about the ecosystem impact of ocean wind development and operations, the potential use conflicts between ocean wind development and traditional maritime activities, and the potential economic impact of ocean wind development on our shoreside infrastructure.

Our involvement on this project will leverage our education, outreach and sustainability programs to ensure that our community of lobstermen and our supply chain peers have the information they need to engage in the offshore wind development process. We will work with GMRI to identify our industry's evolving concerns about ocean wind, particularly around siting, access, and shoreside infrastructure impact. In turn, we will share GMRI information resources and engagement opportunities directly to our industry network to expand the reach of this important work.

Sincerely,

Curt Brown
Marine Biologist
Ready Seafood

April 10, 2023

Dear Environmental Protection Agency:

Red's Best fully supports and sees great demand for the Gulf of Maine Research Institute's proposed work to build capacity in New England for working waterfront communities to engage in offshore wind development. As the offshore wind development process has unfolded, we see a lack of engagement with seafood supply chain stakeholders and see this project as an opportunity to enable our network to engage in the process.

Red's Best works with over 1,000 fishermen who are responsibly harvesting sustainable seafood to ensure that there are markets available for all their catch, even the underutilized species. We are a service provider for fishermen that supports the industry in navigating the seafood marketplace and helps consumers understand where their fish is coming from.

While there is often a focus on how offshore wind development will impact the marine resources and areas where lease areas will be placed, it is often overlooked how it will impact the shoreside infrastructure and waterfront communities. As a seafood processor and distributor, we have shoreside infrastructure throughout New England. This project would create the resources and partnerships for us to constructively engage in the process. GMRI has success in translating complex science to seafood industry members like myself and the fishing community to create a well-informed and productive community.

As a partner in this project, we will work with GMRI to identify evolving concerns about ocean wind, particularly around the impact on shoreside infrastructure and long-term impacts on the supply chain. We will support GMRI in identifying strategic advisors and participate in workshops to co-create solutions for community benefit agreements. We will share GMRI information resources and engagement opportunities with our network of concerned fishermen and processors to expand the reach of this important work.

Sincerely,

Jared Auerbach
Red's Best

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Health Resources in Action

Address: 2 Boylston St. 4th Floor

City: Boston

State: MA: Massachusetts Zip Code: 02116

B. Unique Entity Identifier (UEI): FPD3JRJ61WJ2

C. Applicant/Recipient Point of Contact

Name: Stacey Chacker

Phone: Ex. 6 - Personal Privacy (PP)

Email: schacker@hria.org

Title: Project Director

II. Is the applicant currently receiving EPA Assistance? ☒ Yes ☐ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☐ Yes ☒ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

Mitzi Fennel, Chief Financial Officer
2 Boylston St. 4th Floor, Boston, MA 02116
mfennel@hria.org
Ex. 6 - Personal Privacy (PP)

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

See attachment to proposal narrative package EPA FORM 4700-4 - HRiA Attachments EPA-HC-2021

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Monika Hyatt	President and CEO	04/13/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Dr. First Name: Steven Middle Name:
Last Name: Ridini Suffix: EdD

Title: President and CEO

Complete Address:

Street1: 2 Boylston St.
Street2: 4th Floor
City: Boston State: MA: Massachusetts
Zip / Postal Code: 02116 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: sridini@hria.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: Mr. First Name: Thomas Middle Name:
Last Name: Harty Suffix: MBA

Title: Senior Accounting Manager

Complete Address:

Street1: 2 Boylston St.
Street2: 4th Floor
City: Boston State: MA: Massachusetts
Zip / Postal Code: 02116 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: tharty@hria.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: Mrs. First Name: Amber Middle Name:
Last Name: Ross Suffix: MSW

Title: Contract Administrator

Complete Address:

Street1: 2 Boylston St.
Street2: 4th Floor
City: Boston State: MA: Massachusetts
Zip / Postal Code: 02116 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: hross@hria.org

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** Ms. **First Name:** Stacey **Middle Name:**

Last Name: Chacker **Suffix:**

Title: Project Director

Complete Address:

Street1: 2 Boylston St.

Street2: 4th Floor

City: Boston **State:** MA: Massachusetts

Zip / Postal Code: 02116 **Country:** USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: schacker@hria.org

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/13/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Health Resources in Action

* b. Employer/Taxpayer Identification Number (EIN/TIN): 04-2229839

* c. UEI: FPD3JRJ61WJ2

d. Address:

* Street1: 2 Boylston St
Street2: 4th Floor
* City: Boston
County/Parish:
* State: MA: Massachusetts
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 02116-4737

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Ms.
* First Name: Stacey
Middle Name:
* Last Name: Chacker
Suffix:

Title: Project Director

Organizational Affiliation: Health Resources in Action

* Telephone Number: Ex. 6 - Personal Privacy (PP)
Fax Number:

* Email: schacker@hria.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Building on HEAL (Healthy Environments Advance Learning)

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: MA-007 * b. Program/Project: MA-007

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 10/01/2023 * b. End Date: 09/30/2026

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	500,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Dr. * First Name: Steven

Middle Name:

* Last Name: Ridini

Suffix: EdD

* Title: President and CEO

* Telephone Number: Ex. 6 - Personal Privacy (PP) Fax Number:

* Email: sridini@hria.org

* Signature of Authorized Representative: Monika Hyatt * Date Signed: 04/13/2023

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Building on HEAL (Healthy Environments Advance Learning)

Application
New
2023-04-13
Health Resources in Action
04-2229839
FPD3JRJ61WJ2
2 Boylston St
4th Floor
Boston
MA: Massachusetts
02116-4737
USA: UNITED STATES

Ms.
Stacey
Chacker

Project Director
Health Resources in Action
EX. 6 - Personal Privacy (PP)
schacker@hria.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Building on HEAL (Healthy Environments Advance Learning)
MA-007
MA-007

2023-10-01
2026-09-30
500000.00
0.00
0.00
0.00
0.00
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500000.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Dr.
Steven
Ridini
EdD

President and CEO
EX. 6 - Personal Privacy (PP)
sridini@hria.org
Monika Hyatt
2023-04-13

1.0
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35734.73

35734.74
35734.74

206688.85
150372.22

206688.85
150372.22

466755.97
33244.03
HRiA's provisional federal indirect rate of 21.5% is charged on Personnel expenses.

Dr.
Steven
Ridini
EdD

President and CEO
2 Boylston St.
4th Floor
Boston
MA: Massachusetts
02116
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
sridini@hria.org

Mr.
Thomas
Harty
MBA

Senior Accounting Manager

2 Boylston St.
4th Floor
Boston
MA: Massachusetts
02116
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
tharty@hria.org

Mrs.
Amber
Ross
MSW

Contract Administrator
2 Boylston St.
4th Floor
Boston
MA: Massachusetts
02116
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
hross@hria.org

Ms.
Stacey
Chacker

Project Director
2 Boylston St.
4th Floor
Boston
MA: Massachusetts
02116
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
schacker@hria.org

1234-WS01065974_HRiA_Project Narrative.pdf
application/pdf
xRZpyP+k9nK+J9O78r32IPR1sqY=

Health Resources in Action
2 Boylston St. 4th Floor
Boston
MA: Massachusetts
02116

FPD3JRJ61WJ2
Stacey Chacker
EX. 6 - Personal Privacy (PP)
schacker@hria.org
Project Director
Y: Yes
N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
N: No
Y: Yes
Mitzi Fennel, Chief Financial Officer
2 Boylston St. 4th Floor, Boston, MA 02116
mfennel@hria.org
EX. 6 - Personal Privacy (PP)
See attachment to proposal narrative package EPA FORM 4700-4 - HRiA Attachments EPA-HC-2021
Monika Hyatt
President and CEO
2023-04-13

1235-WS01065974_HRiA_Itemized Budget and Narrative.pdf
application/pdf
latTIh9yDVY1kMNmIffBMEJgDik=

1236-WS01065974_HRiA_Logic Model.pdf
application/pdf
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1237-WS01065974_HRiA_Letters of Commitment.pdf
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1238-WS01065974_HRiA_Key Personnel Resumes.pdf
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1239-WS01065974_HRiA_Attachment to EPA FORM 4700-4EPA-HC-2021.pdf
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1240-WS01065974_HRiA_Proof of Nonprofit Status.pdf
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2023-04-13T13:47:07.000-04:00
Monika Hyatt

GRANT13860179

Health Resources in Action
Advancing Public Health and Medical Research

Ex. 6 Personal Privacy (PP)
Director, Policy and Practice

2 Boylston Street, Boston, MA 02116
Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)@hria.org

HEALTH RESOURCES IN ACTION

Director, Policy and Practice
2008-Present

Environmental Health Partnership Management & Capacity Building:

- Directs the Massachusetts Asthma Action Partnership (MAAP), a statewide coalition which promotes education, best practices, and policies, with an aim to eliminate exposures to environmental triggers in homes, schools, and the broader community, as well as increase access to culturally competent and quality clinical care to support asthma management. This currently includes directing two special projects, funded by the EPA - Healthy Environments Advance Learning: Building Capacity for Resilient Schools in Massachusetts and the MA Healthy Air Network.
- Directs the Asthma Regional Council of New England to build/promote capacity, collaboration and sustainability to address the environmental aspects of asthma.
- Leading efforts to develop new version for the CDC BRACE Framework – Building Resistance Again Climate Effects -- with U. Mass Prevention Center.
- Manage grant budgets, reporting, and resource development.

Technical Assistance, Assessments and Engagement

- Completes assessments, interviews, focus groups on a breadth of public health topics – from Medicaid payment, sodium reduction, asthma interventions, Community Health Workers (CHWs), environmental health, food access, lead in drinking water, climate justice, etc. Synthesize findings into actionable reports.

Public Health/Health Care Integration: Community Health Workers (CHW's):

- Established and directed the New Jersey In-home Asthma Intervention Pilot Project, aimed at improving asthma outcomes and reducing healthcare costs in children on Medicaid. Convened stakeholders, including healthcare systems, Medicaid payers, state officials; defined evidence-based intervention delivered by CHWs.
- Directed and served as co-PI for the New England Asthma Innovation Collaborative, a $4.2 million project funded by the Center for Medicare and Medicaid Innovation to establish and support a multi-state, multi-sector partnership health care focused on delivering CHW-led asthma home visiting services.

RELEVANT EXPERIENCE

Director, Community Building and Environment Department
1997-2008

- Raised over $3.5 million and organizing projects for community-led brownfield and schoolyard redevelopment and civic engagement projects, as well annual department budget with multiple funding streams.
- Launched and built programs focused on youth organizing and development; community planning; educational and recreational programs; and building political power within the Latino community.

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Community Organizer
1990-1996
Neighborhood of Affordable Housing
East Boston, MA

- Directed public policy advocacy on a range of issues (e.g. Community Stabilization, Community Preservation, In-State Tuition, Environmental Justice, etc.).
- Organized tenants in HUD-assisted developments to maintain affordable housing.
- Coordinated business peer-lending program in Spanish and English
- Recruited, hired, trained and/or supervised staff, VISTA, interns, and volunteers.
- Developed and managed partnership budgets, and capital and program budgets.

Community Health Development Coordinator
1985-1988
U.S Peace Corps

- Designed training materials, instructed traditional midwives and conducted community meetings on health-related issues; all work conducted in Central African Republic (CAR). All work conducted in Sango and French.
- Conducted evaluation and produced report (in French) for CAR Health Department.

EDUCATION

Clark University
Worchester, MA
May 1984

Bachelor of Arts, Magna Cum Laude, Phi Beta Kappa

- Major: Urban Social Geography

PEER-REVIEWED PUBLICATIONS

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) 2017. Something New in the Air: Paying for Community-Based Environmental Approaches to Asthma Prevention and Control. *Journal of Allergy and Clinical Immunology*. February 10.

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) 2022. Characterizing the Environmental Health Literacy and Sensemaking of Indoor Air Quality of Research Participants. International Journal of Environmental Research and Public Health. Feb 16.

SAMPLE OF CONFERENCE PRESENTATIONS

- Ex. 6 Personal Privacy (PP)

PROFESSIONAL AND ACADEMIC SERVICE

- Childhood Asthma Leadership Coalition, 2014 -present
- American Public Health Association, Member and Presenter, 2013-present
- Community Engagement Core, Center for Research on Environmental & Social Stressors in Housing, Harvard and BU Schools of Public Health. 2017 - 2020
- National Safe and Healthy Housing Coalition, Steering Committee, 2011 - 2018
- Boston Schoolyard Initiative, Board 1995 – 2002

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Health Resources in Action
Advancing Public Health and Medical Research

Ex. 6 Personal Privacy (PP)
Senior Program Manager, Policy and Practice

2 Boylston Street, Boston, MA 02116
Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)@hria.org

HEALTH RESOURCES IN ACTION

Senior Program Manager
2023-Present

Program Manager
2021-2023

- Manages and supports a cohort of 20+ grassroots community and faith-based organizations throughout MA under a CDC grant to perform COVID-19 educational and vaccination outreach efforts through technical and capacity building assistance
- Collaborates with the MA Department of Public Health Vaccine Equity Initiative team to promote outreach and engagement
- Supports the Massachusetts Asthma Action Partnership (MAAP), a statewide coalition which promotes education, best practices, and policies, with an aim to eliminate exposures to environmental triggers in homes, schools, and the broader community, as well as increase access to culturally competent and quality clinical care to support asthma management. This currently includes supporting two special projects, funded by the EPA; Healthy Environments Advance Learning: Building Capacity for Resilient Schools in Massachusetts and the MA Healthy Air Network.
- Provides technical assistance and capacity building support to promote the planning of environmental health policies and practices to public schools in Massachusetts through the EPA-funded project, Healthy Environments Advance Learning (HEAL)
- Co-supervises two AMERICORPS Climate Justice volunteers assigned to two community-based organizations in Massachusetts

RELEVANT EXPERIENCE

Practicum Student
2021
Massachusetts Reform Law Institute
Boston, MA

- Assisted Boston-area legal aid organizations such as City Life/ Vida Urbana, Greater Boston Legal Services & others on eviction and housing-related legal cases & supporting the Manufactured Homes Commission on housing and health issues affecting the manufactured home communities of MA
- Performed residential housing inspections, including making recommendations for remediation, and providing assistance with legal strategy in tenant eviction cases
- Led a COVID-19 project with the Department of Public Health to increase vaccine access and resources to manufactured homes communities in MA

Research Study Assistant
2021
Framingham Heart Study
Framingham, MA

- Supported a multigenerational & multi-ethnic, longitudinal human subjects research study identifying the common factors or characteristics that contribute to cardiovascular disease (CVD) among 6,000+ participants in Framingham, MA
- Coordinated all outreach, translation, and cultural sensitivity in retention efforts for Spanish-speaking participants, including administering health questionnaires

Research Assistant
2019-2021
iSmile Research Study, Boston University
Boston, MA

- Supported an NIH-funded randomized control trial to test the efficacy of a parent-targeted text message-based intervention program on caries incidence and oral health behaviors among 750+ caregivers and children
- Directly enrolled over 100 participants across 4 clinical sites into the study within 9 months, specifically among Spanish-speakers
- Conducted in-person pediatric dental exams across 4 clinical sites and during at-home visits

External Affairs Associate
2018-2019

Senior Clinical Outreach Associate
2016-2018

OpenBiome
Boston, MA

As External Affairs Associate:

- Developed, designed, and authored materials for patient and clinical education, including translation of patient documents into Spanish and designed and updated our website content
- Assisted in media relations work, including interfacing with journalists, sharing website and media content about current research, and contributing to our social media presence
- Organized presence at external events including national conferences and science festivals, and hosted external visitors at our offices and labs

As Senior Clinical Outreach Associate:

- Led training and onboarding responsibilities with new hires
- Managed relationships with over 500 existing clinical partners including clinical education and trainings on Fecal Microbiota Transplant
- Managed data collection projects for partners, including a partner online tool for easier clinical data submission
- Helped devise improvement tools and strategies for partner engagement, including designing surveys and partner education material
- Participated in external scientific events for donor recruitment and public engagement

EDUCATION

Boston University School of Public Health
Boston, MA
May 2022

Master of Public Health

- Concentration: Environmental Health

Marlboro College
Marlboro, VT
May 2011

Bachelor of Arts

- Major: Anthropology

COMMUNITY LEADERSHIP AND VOLUNTEER WORK

Groundwork Somerville — **Board Member, Chair of Community & Engagement Committee**

Boston Children's Hospital Community Food Pantry — **Advisory Board Member**

Health Resources in Action
Advancing Public Health and Medical Research

Ex. 6 Personal Privacy (PP)
CDC Public Health Associate Program

2 Boylston Street, Boston, MA 02116
Ex. 6 - Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)@hria.org

HEALTH RESOURCES IN ACTION

Public Health Associate funded by the Centers for Disease Control and Prevention
2021-Present

- The Centers for Disease Control and Prevention (CDC) Public Health Associate Program (PHAP) is a competitive fellowship designed to train early-career public health professionals who have an interest in public service and public health. Throughout the two-year training program, associates gain hands-on experience that will serve as a foundation for their public health careers.
- Provides capacity-building support for the Massachusetts Asthma Action Program (MAAP) and all projects connected to it, including the Healthy Environments Advance Learning (HEAL) program, the Asthma Regional Council of New England, and a learning community for community health workers.
- Produces communication products for MAAP and its projects, such as quarterly newsletters and website content.
- Supports logistics for MAAP's coalition-building efforts by coordinating healthy housing and healthy school committees, MAAP summit, and other in-person events.
- Supports grant writing and proposal development for new projects related to environmental health and asthma.

RELEVANT EXPERIENCE

Director of Education
2020-2021
University Blood Initiative
Boston, MA

- Developed department policies, best practices, and internal organization structures.
- Supervised 16 virtually based staff. Directed health communications, advocacy efforts, and training development activities for chapters and the public.
- Managed full recruitment cycle within department.
- Established partnerships to collaborate on educational campaigns.
- Oversaw the creation and progress of health advocacy blood donation campaigns intersecting with racial and sexual justice.

Research Assistant
2021
Scaling Up Early Childhood Development
Boston, MA

- Research project examining early childhood development in Zambia.
- Coded integrated data infrastructure (IDI) and focus group (FGD) transcripts based on pre-determined and emerging themes in NVIVO 12 Pro.
- Conducted a preliminary analysis of coding results and wrote summary of findings.
- Contributed to completion of a successful request for additional funding.

Clinical Intern
2020-2021
South End Community Health Center
Boston, MA

- Contributed to assessing over 500 persons' health needs in order to provide best means of care which included distributing food and clothing, and referrals to community health workers (CHW) to assist with rent and heating subsidies
- Used medical record system to record patient encounters and complete referrals; collected patient information through interviews and contribute to detailed record-keeping for Fitness in the City grant fulfillment
- Counseled parents on implementing healthy-eating and exercising interventions in their family lives, working with a dietician to guide them on nutrition, and encouraging their progress as they take on healthier lifestyles
- Supported Junior Chefs program, encouraging home cooking by providing families healthy, easy, and affordable recipes; hosted session for Spanish-speaking families

Research Assistant
2019-2020
Eviction Project at Boston University School of Public Health
Boston, MA

- Extracted, organized, and compiled data from online court records about eviction cases from 2017 in which defendants filed counterclaims
- Cross-referenced information obtained from online and physical court records, aimed at reviewing the outcomes of these cases and investigating how filing a counterclaim affected the defendants
- Assisted in housing safety and hygiene inspections in Greater Boston under Ethan Mascoop to collect evidence for conditions on behalf of tenants in eviction cases

Research Assistant
2019
Utility Letter Study, Boston Medical Center
Boston, MA

- Performed univariate and frequential analyses in R to characterize patients requesting Utility Shut-off Certificates
- Wrote and published research letter in aim of alerting medical providers who write utility shut-off certificates of key trends observed in patients at risk of having utilities disconnected, so they may better anticipate these patients' needs

EDUCATION

Boston University
Boston, MA
May 2021

Bachelor of Arts

- Major: Biology, Specialization in in Cell Biology, Molecular Biology, & Genetics
- Minor: Public Health

SKILLS

Computer Programs

- OS X | Windows | Microsoft Suite | R Software | EPIC EHR | NVIVO| REDCap

Foreign Languages

- English (fluent) | Spanish (native) | French (intermediate) | Portuguese (beginner)

PUBLICATIONS AND POSTERS

- Ex. 6 Personal Privacy (PP) Provision of Utility Shut-off Protection Letters at an Urban Safety-Net Hospital, 2009-2018. The Journal of Ambulatory Care Management, 2020.
- Ex. 6 Personal Privacy (PP) (2020, October). Evictions and substandard housing in Boston: The unfulfilled promises of the public health and legal systems. Poster presented virtually at the American Public Health Association 2020 Annual Meeting and Expo.

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Hitchcock Center for the Environment

Address: Ex. 6 Personal Privacy (PP)

City: Amherst

State: MA: Massachusetts Zip Code: 01002-3363

B. Unique Entity Identifier (UEI): JZN1YESH54G9

C. Applicant/Recipient Point of Contact

Name: William Spitzer

Phone: Ex. 6 Personal Privacy (PP)

Email: billy@hitchcockcenter.org

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None.

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None.

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

None.

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95) ☒ Yes ☐ No

a. Do the methods of notice accommodate those with impaired vision or hearing? ☒ Yes ☐ No

b. Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications? ☒ Yes ☐ No

c. Does the notice identify a designated civil rights coordinator? ☒ Yes ☐ No

VIII. Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a)) ☒ Yes ☐ No

IX. Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974)) ☒ Yes ☐ No

X. If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.

Jennifer Unkles, Financial Manager, Hitchcock Center for the Environment, 845 West St, Amherst, MA 01002-3363, accounting@hitchcockcenter.org, Ex. 6 - Personal Privacy (PP) phone, Ex. 6 - Personal Privacy (PP) fax.

XI. If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.

When an employee believes that policies, procedures, and practices have been improperly, inadequately or unfairly applied, s/he is encouraged to express her or his concern to the Executive Director in an attempt to resolve the problem through discussion. If the resolution of the problem at this level is unsatisfactory to the employee s/he may discuss the situation with a Board-appointed Ombudsperson who will act as fact finder and/or mediator to explore ways of resolving the dispute constructively and informally. If the employee is not satisfied with the outcome of the informal procedure, s/he may initiate the formal grievance procedure. The employee will state in writing her or his grievance and present that written document to the Executive Director, who will transmit it to the Board's Executive Committee. The Executive Committee and the Ombudsperson will review the case with the employee and their decision on the issue will be final.

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
William Spitzer	Executive Director	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

IRS Department of the Treasury
Internal Revenue Service
P.O. Box 2508, Room 4010
Cincinnati OH 45201

In reply refer to: 4077589886
May 09, 2014 LTR 4168C 0
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00033113
BODC: TE

HEALTH RESOURCES IN ACTION INC
95 BERKELEY STREET
BOSTON MA 02116-6230

000024

Employer Identification Number: 04-2229839
Person to Contact: M SCHATZ
Toll Free Telephone Number: Ex. 6 - Personal Privacy (PP)

Dear Taxpayer:

This is in response to your Apr. 14, 2014, request for information regarding your tax-exempt status.

Our records indicate that you were recognized as exempt under section 501(c)(03) of the Internal Revenue Code in a determination letter issued in October 1957.

Our records also indicate that you are not a private foundation within the meaning of section 509(a) of the Code because you are described in section(s) 509(a)(1) and 170(b)(1)(A)(vi).

Donors may deduct contributions to you as provided in section 170 of the Code. Bequests, legacies, devises, transfers, or gifts to you or for your use are deductible for Federal estate and gift tax purposes if they meet the applicable provisions of sections 2055, 2106, and 2522 of the Code.

Please refer to our website www.irs.gov/eo for information regarding filing requirements. Specifically, section 6033(j) of the Code provides that failure to file an annual information return for three consecutive years results in revocation of tax-exempt status as of the filing due date of the third return for organizations required to file. We will publish a list of organizations whose tax-exempt status was revoked under section 6033(j) of the Code on our website beginning in early 2011.

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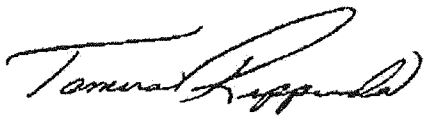
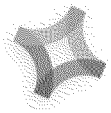
HEALTH RESOURCES IN ACTION INC
95 BERKELEY STREET
BOSTON MA 02116-6230

If you have any questions, please call us at the telephone number shown in the heading of this letter.

Sincerely yours,



Tamera Ripperda
Director, Exempt Organizations



Health Resources in Action
Advancing Public Health and Medical Research

Nondiscrimination Compliance Coordinator

Mitzi Fennel, Chief Operating Officer
Health Resources in Action
2 Boylston St
Boston, MA 02116
E-mail: mfennel@hria.org
Phone: Ex. 6 - Personal Privacy (PP)

Health Resources in Action
Advancing Public Health and Medical Research

Policy on Nondiscrimination in Programs Receiving Federal Assistance from the U.S. Environmental Protection Agency

Introduction

Title 40 of the Code of Federal Regulations (CFR), Part 7, Nondiscrimination in Programs or Activities Receiving Federal Assistance from the Environmental Protection Agency, prohibits discrimination on the basis of race, color, national origin, age, sex, or handicap in programs or activities receiving federal assistance from the U.S. Environmental Protection Agency (U.S. EPA). It requires recipients of federal assistance from the U.S. EPA to:

- Collect, maintain, and provide information showing compliance with 40 CFR, Part 7;
- Designate a person to be the Nondiscrimination Compliance Coordinator (NCC) to coordinate efforts to comply with 40 CFR, Part 7;
- Adopt grievance procedures that assure the prompt and fair resolution of discrimination complaints alleging violations of 40 CFR, Part 7; and
- Provide continuing and prominent public notice of nondiscrimination on the basis of race, color, national origin, age, sex, or handicap, and of the identity and contact information for the NCC.

As set forth below, it is the Health Resource in Action's (HRIA) policy not to discriminate on the basis of several factors, including those in 40 CFR, Part 7. In addition, HRiA adopts the following procedures to implement the requirements of 40 CFR, Part 7.

Procedures to Implement the Requirements of 40 CFR, Part 7

Compliance Information

HRiA shall collect, maintain, and on request of the U.S. EPA, Office of Civil Rights (OCR), provide the following information to show compliance with 40 CFR, Part 7:

- A brief description of any lawsuits pending against HRiA that allege discrimination which 40 CFR, Part 7, prohibits;
- Racial/ethnic, national origin, age, sex, handicap, and disability data, or EPA Form 4700-4 information submitted with HRIA applications for U.S. EPA assistance;
- A log of discrimination complaints that identifies the complaint, the date it was filed, the date HRiA's investigation was completed, the disposition, and the date of disposition;
- Reports of any compliance reviews conducted by any other agencies;
- Additional data and information specific to certain HRIA programs or activities to determine compliance where there is reason to believe that discrimination may exist in a

HRIA program or activity or to investigate a complaint alleging discrimination in a HRIA program or activity;

When preparing compliance information, HRiA shall use the racial classifications set forth in 40 CFR, Section 7.25, in determining categories of race, color, or national origin;

HRiA shall keep records of the compliance information identified in paragraphs (1)(a) and (1)(b), above, for at least three years after completing a project for which HRiA was a recipient of U.S. EPA assistance. When any complaint or other action for alleged failure by HRiA to comply with 40 CFR, Part 7, is brought before the three- year period ends, HRiA shall keep records until the complaint is resolved; and

HRiA shall:

- Give OCR access during normal business hours to its books, records, accounts, and other sources of information, including its facilities, as may be pertinent to ascertain compliance with 40 CFR, Part 7;

- Make compliance information available to the public upon request; and

- Assist in obtaining other required information that is in the possession of other state agencies, institutions, or persons not under HRiA's control. If such party refuses to release that information, HRiA shall inform the OCR and explain its efforts to obtain the information.

Nondiscrimination Compliance Coordinator (NCC)

The President of HRIA designates the person holding the position of Chief Operating Officer as HRiA NCC responsible to coordinate HRiA's efforts to comply with its obligations under 40 CFR, Part 7.

Grievance Procedures

HRiA adopts the following grievance procedures in order to assure the prompt and fair resolution of complaints that allege a violation by HRIA of 40 CFR, Part 7:

Step	Who	Does What
1	Complainant	**Submittal of Complaint:** In order to have a complaint submittal considered for investigation under this procedure, the complainant shall file the complaint no later than 180 calendar days after the date(s) of the alleged act(s) of discrimination. The complaint shall be in writing and signed by the complainant or the complainant's representative and shall include contact information for the complainant or their representative. The complaint shall specify with as much detail as possible: • The actions or inactions by HRiA that support an alleged violation of 40 CFR, Part 7; • The alleged discrimination that did or will result from such actions or inactions; • The identity of the person(s) harmed or potentially harmed by the alleged discrimination; and • The section of 40 CFR, Part 7, that HRiA allegedly violated. HRiA may request additional information from the complainant if needed to assist with meeting the complaint requirements listed above. Appropriate assistance shall be provided to individuals with disabilities and individuals with limited English proficiency. Also, complaints in alternate formats shall be accepted from individuals with disabilities, for example, complaints filed on computer disks, on audio tape, or in Braille. All complaint submittals should be mailed (or e-mailed) to the NCC at the following address: Chief Operating Officer Health Resources in Action 2 Boylston St Boston, MA 02116 E-mail: mfennel@hria.org

Step	Who	Does What
2	NCC	**Logging of Complaint Submittals:** All complaint submittals are to be logged. The NCC shall retain a copy of all documents on file in accordance with the records retention schedule. The NCC shall also notify the relevant program manager(s). The following are examples of what will not be logged as a complaint submittal: • Anonymous submittals; • Submittals too vague to reasonably determine the allegations of discriminatory conduct; • Submittals not sufficiently identifying the person(s) harmed or potentially harmed by the alleged discrimination; • Inquiries seeking advice or information; • Courtesy copies of court pleadings; • Courtesy copies of complaints addressed to other local, state, or federal agencies; • Newspaper articles; • Web-based media sources such as YouTube videos, e-mail strings, blogposts, comments strings, or Web pages; • Courtesy copies of internal grievances; and • Voice mail messages, phone calls, or in-person conversations.
3	NCC	**Initial Review of Complaint Submittals:** Upon receipt of a complaint and any additional information supporting or otherwise associated with the complaint, a case file shall be established containing all documents and information pertaining to the complaint and an initial review of the case shall be conducted.

Step	Who	Does What
4	NCC	**Determination if Complaint Warrants Further Investigation:** The NCC, based on information in the complaint submittal and other information available, shall determine if: • HRIA has jurisdiction to pursue the matter; and • The complaint submittal contains sufficient merit to warrant further investigation. A complaint shall warrant further investigation unless: • It clearly appears on its face to be frivolous or trivial; • Within the time allotted for making the determination of jurisdiction and investigative merit, HRIA reaches an agreed resolution with the complainant; • Within the time allotted for making the determination of jurisdiction and investigative merit, the complainant withdraws the complaint; or • The complaint was not submitted within the time limit established in Step 1. Within 14 calendar days of receipt of the complaint submittal, the NCC shall inform the complainant if the complaint has or has not been accepted for further investigation. If it is determined that further investigation is not warranted, the reason for such determination shall be recorded in the case file.
5	NCC	**Further Investigation of Complaint:** If the NCC determines the complaint submittal warrants further investigation, the NCC shall review the alleged facts to determine the course of the investigation. The investigation may include interviews of HRIA employees, other relevant witnesses, or others named in the complaint. Relevant HRIA employees shall make themselves available as necessary.
6	NCC	**Report and Determination:** The NCC shall issue a report and determination on whether HRiA violated 40 CFR, Part 7. The NCC shall prepare a written report of the investigation that shall include a narrative of the incident, an identification of individuals interviewed and evidence reviewed, and findings and a determination. The report and determination shall be placed in the complaint file. Within 180 calendar days of receiving the complaint that warranted investigation, the NCC shall notify the complainant in writing of the findings of the investigation and the recommendations for resolution.

Step	Who	Does What
7	Complainant	**Appeal:** The person submitting the complaint may appeal the decision of the NCC by writing to HRiA President within 30 calendar days of receiving the NCC's decision. HRiA President shall issue a written decision in response to the appeal no later than 30 calendar days after its filing.

Notice of Nondiscrimination

HRiA shall provide continuing notice that it does not discriminate on the basis of race, sex, religion, age, national origin, color, marital status, handicap, disability, political beliefs, height, weight, genetic information, or sexual orientation in any of its programs or activities. Methods of notice shall accommodate those with impaired vision or hearing. At a minimum, this notice shall be posted in a prominent place in HRiA's offices or facilities. Methods of notice may also include publishing in newspapers and magazines and placing notices in HRIA's publications.

Where appropriate or upon request, such notice shall be in a language or languages other than English. The notice shall identify the current HRIA NCC as the responsible HRIA employee designated to coordinate HRIA's efforts to comply with its obligations under 40 CFR, Part 7. The text of the notice to be provided under this policy shall read as follows:

> It is the policy of HRiA not to discriminate on the basis of race, sex, religion, age, national origin, color, marital status, handicap, disability, political beliefs, height, weight, genetic information, or sexual orientation. In compliance with Title 40 of the Code of Federal Regulations (CFR), Part 7, HRiA has adopted an internal grievance procedure providing for prompt and equitable resolution of complaints alleging a violation of 40 CFR, Part 7. HRiA Director has designated the Chief Operating Officer as HRiA Nondiscrimination Compliance Coordinator (NCC). Laws and regulations related to this policy may be examined in the NCC's office.

1.0 PROGRAM OBJECTIVES

a. Project Title: Building on HEAL (Healthy Environments Advance Learning)

Project Location: Priority focus will be two to three school districts in MA environmental justice (EJ) communities. All MA public school districts, as well as targeted districts from EJ communities in other New England states, will be invited to participate in Learning Network activities (webinars and Summit) and have access to educational resources.

Applicant Information: Health Resources in Action (HRiA); 2 Boylston St. Boston, MA 02116

Main Contact: Stacey Chacker schacker@hria.org; Ex. 6 - Personal Privacy (PP)

Brief Description of Applicant Organization: HRiA is a national 501(c)3 non-profit public health organization with a mission to help people live healthier lives and create healthy communities through prevention, health promotion, policy, and research. HRiA has extensive expertise and deep relationships in asthma prevention and control, specifically in convening and facilitating the MA Asthma Action Partnership (MAAP) and the Asthma Regional Council of New England.

Are you applying for the Small CBO Set Aside Track for $150,000 projects NO

Project Abstract: *Building on HEAL* is an expansion of HRiA/MAAP's current efforts to build knowledge and capacity to improve environmental health conditions within MA schools, optimizing outcomes related to healthy childhood development, particularly for districts where students are most burdened by asthma and extreme heat. This project expands on HRiA/MAAP's current EPA funded project – *HEAL: Building Capacity for Resilient Schools in MA* – by providing more in-depth capacity building, education, wrap around technical assistance (TA), implementation assistance and $60,000 - $100,000/district to two to three high need schools in MA's most ethnically and racially diverse communities. Partner school communities will identify specific projects that are appropriate and attainable based on school (district) environment, identified priorities, and funding. *Building on HEAL* will also provide educational webinars on topics such as installing a cool roof, decarbonization of school buildings, state and federal funding, etc., as well as an Environmental Health in Schools Summit. Both will be open to any school district in MA, targeting specifically those in EJ communities, and open to districts in EJ communities across New England. *Building on HEAL* has the potential to directly impact at least 1,500 students, and to have long-term benefit to schools and communities across MA to address environmental conditions in schools.

Project Type(s): Public education and small project implementation

Special Considerations: N/A

Environmental Issue: Air, Climate/Heat

List of Project Partners: Metropolitan Area Planning Council (MAPC), MA Department of Public Health (MDPH), Public Health Institute of Western MA (PHIWM), Undaunted K-12, Yale School of Public Health - Dr. Krystal Pollitt, and Northeastern University School Health Academy at the School of Nursing.

Will you need to develop a QAPP for your project? No QAPP is needed unless a partner school chooses to conduct an indoor air quality monitoring project, in which case a QAPP will be developed as further explained in section 6.

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b. <u>Environmental and Public Health information of the Underserved Community</u>: *Building on HEAL* is an expansion of HRiA/MAAP's current efforts to build knowledge and capacity to improve environmental health conditions within MA schools, optimizing outcomes related to healthy childhood development, particularly for districts where students are most burdened by asthma and extreme heat. Participating school districts will be selected from those engaged in *HEAL: Building Capacity for Resilient Schools in MA*, HRiA's current project funded by the EPA (00A004 0 CH), to be completed by December 2024. It will also provide educational webinars and an Environmental Health in Schools Summit open to school stakeholders across MA and New England, targeting those from EJ communities.

Table 1 lists the priority communities and metrics indicating the need for investment in these communities. Based on 2017 data, proposed focus communities experience 2-4 times higher rates of emergency room (ER) visits due to uncontrolled asthma and have pediatric asthma prevalence rates that are significantly higher than the state average. They are socio-demographically diverse, with each community far exceeding the state average percentage of census block groups that meet one of the three EJ criteria.[1]

The school districts serving these communities also experience disproportionately poor outcomes related to educational achievement. These districts are more racially and ethnically diverse, have lower income, have student populations with higher needs than state averages, and have significantly higher dropout rates. Based on 2022 data, students in these eleven communities performed below the state average on the MA Comprehensive Assessment System tests for all grades tested and across all subjects.[2] Finally, and while reportable data are limited due to small numbers, ER visits related to heat stress were more than double the state rate in Brockton and significantly higher in Lawrence, New Bedford, and Springfield.[3] Worcester, Springfield, Holyoke, and Lowell school districts were among the few in MA that had early dismissal during a heat wave in June 2021.

[1] Massachusetts Department of Public Health, Bureau of Environmental Health. Environmental Public Health Tracking Community Profile.
[2] Massachusetts Department of Elementary and Secondary Education. School District Profiles. Retrieved from https://profiles.doe.mass.edu/
[3] Massachusetts Department of Public Health, Bureau of Environmental Health. Environmental Public Health Tracking Community Profile.

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Table 1: Asthma, EJ, and drop-out rates for priority communities.

Community	Asthma ER visits per 10,000[4]	Pediatric Asthma Prevalence per 100 students in K-8 grades[5]	% Census Block Groups with 1+ EJ criteria[6]	High School Drop Out rates[7]	% of population identifying as Black, Indigenous, or people of Color (BIPOC)[8]	Per Capita Income[9]	% of households in poverty[10]
MA Statewide	*58.2*	*12.1*	*12.1%*	*2.1%*	*29.9%*	*$48,617*	*10.4%*
Boston	90.8	16.8	79.5%	3.7%	56%	$50,344	17.6%
Brockton	114.5	15.1	96.8%	5.1%	70.7%	$30,508	11.5%
Chelsea	103.5	10.5	100%	6.5%	80.3%	$27,627	22.5%
Holyoke	220.1	19.9	72.8%	3.5%	58%	$25,744	26.5%
Lawrence	126.2	16.6	100%	3.4%	86.8%	$23,316	19.2%
Lowell	85.3	15.3	87.6%	5.5%	51.7%	$30,620	17.5%
Lynn	80.9	12.3	80.7%	4.3%	62.2%	$29,541	14.9%
New Bedford	109.4	18.2	69.6%	6.2%	42%	$27,583	18.7%
Southbridge	114.5	26.9	83.3%	7.2%	40.1%	$29,962	20.2%
Springfield	192.6	16.6	89.6%	3.9%	71.1%	$23,161	26.3%
Worcester	94.5	14.8	70.7%	2.1%	46.4%	$30,855	19.3%

Environmental/Public Health Issues: Compounded effects of COVID-19 and extreme weather events laid bare the health inequities experienced by communities of color, particularly EJ communities in MA. Low-income children of color experience cumulative and disproportionate environmental health burdens resulting from decades of public disinvestment and policy choices which has allowed for the concentration of polluting facilities in the neighborhoods where they live and attend school. Asthma, a chronic lifelong lung disease, affects school-age children and is one of the leading reasons for school absenteeism.[11] In 2020, approximately

[4] Massachusetts Department of Public Health, Bureau of Environmental Health. Environmental Public Health Tracking Community Profile.
[5] Ibid
[6] Ibid
[7] Massachusetts Department of Elementary and Secondary Education. Dropout Rates in Massachusetts Public Schools 2021-2022
[8] United States Census Bureau. QuickFacts Page. 2022. Retrieved from https://www.census.gov/quickfacts/fact/table/US/PST045222
[9] Ibid
[10] Ibid
[11] Office of Massachusetts Attorney General Maura Healy. (2020). COVID-19's Unequal Effects in Massachusetts: Remedying the Legacy of Environmental Injustice & Building Climate Resilience. Retrieved from https://www.mass.gov/doc/covid-19s-unequal-effects-in- massachusetts/download

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7.8% children in MA currently had asthma, with African Americans and Puerto Ricans carrying a disproportionate burden of cases.[12] In MA, asthma-related hospitalizations are almost three times as high among Blacks as Whites.[13] Nationally, Black individuals are about three times more likely to die from asthma than Hispanic or white individuals.[14]

Exposure to certain indoor and outdoor environmental factors, including pollutants that are exacerbated by extreme heat and climate change, can make asthma worse and in some cases cause asthma for both students and school staff. Hot school days disproportionately affect academic performance among students of color and low-income students.[15]

As part of the Environmental Public Health Tracking Program, MDPH has conducted indoor air quality testing and pediatric asthma surveillance in schools across MA. One report observed a statistically significant association between the presence of mold and moisture problems in schools and the prevalence of childhood asthma in the community.[16]

Environmental/public health results: The proposed project, *Building on HEAL*, seeks to expand upon existing efforts to educate, engage, and reduce exposure to environmental hazards and improve the environmental health in two to three selected school districts from the list above. The project will also provide capacity building around environmental health in schools for districts across the state. School districts are focused on education, and often lack the expertise and knowledge needed to identify environmental hazards. Even when hazards are detected, there is a lack of awareness of funding opportunities or other resources, and/or capacity to leverage and manage these resources to support building or schoolyard upgrades. School staff and students are often not properly trained in policies and procedures, and thus are unlikely to adhere to a plan. Finally, facilities planners and clean energy practitioners are not incentivized or prepared to recognize and correctly implement opportunities to promote health outcomes.

Awarded school districts will receive capacity building, training, wrap around TA, and funding, enabling school stakeholders (parents, students, nurses, custodians, teachers, community members, and/or administrators) to select and implement projects and/or design plans to reduce hazards and improve environmental health conditions. They will serve as case studies demonstrating how capacity building, collaborative problem solving, TA, and financial resources can help schools to address critical environmental health issues. *Building on Heal* has the potential to directly improve conditions for at least 1,500 students and their teachers in the two to three districts. Indirectly, through capacity building from webinars and the Environmental

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[12] Centers for Disease Control and Prevention. Asthma Surveillance Data. 2020 Asthma Data: BRFSS Prevalence Tables and Maps. Retrieved from https://www.cdc.gov/asthma/brfss/2020/default.html

[13] Guo, J. (2017, January). Asthma Among Children in Massachusetts. Massachusetts Department of Public Health Asthma Prevention and Control Program. Retrieved from https://www.mass.gov/files/documents/2018/07/19/asthma-data-bulletin.pdf.

[14] Asthma and Allergy Foundation of America, (2021). 2021 Asthma Capitals. Retrieved from asthmacapitals.com.

[15] Park, J., Behrer, A.P., Goodman, J. (2021). Learning is inhibited by heat exposure, both internationally and within the United States. Nature Human Behavior. 5, 19-27

[16] Massachusetts Asthma Prevention and Control Program. (2015, May). Strategic Plan for Asthma in Massachusetts 2015-2020. Asthma publications. Retrieved from https://www.mass.gov/service-details/asthma-publications.

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Health in Schools Summit, the project will impact at least 60,000 students and 7,000 teachers throughout MA.

c. **Organization's Historical Connection to Underserved Community:** HRiA, through its MAAP program, has extensive experience and commitment to a coordinated approach for promoting healthy learning environments and applying a health and racial equity lens to programs that address asthma inequities across MA. Established in 2009, with on-going support from MDPH, MAAP consists of over 100 members and coordinates with representatives from state and city public health and housing agencies, schools, health care providers, community-based organizations, community health workers, local asthma coalitions, and occupational health and safety organizations. MAAP has subject matter expertise around asthma and over 14 years of experience in stakeholder engagement, including convening and facilitating asthma learning communities, summits, and trainings, as well as expertise in school-based asthma control through its Healthy Schools Committee. In 2019, HRiA/MAAP, in collaboration with MDPH, developed Clearing the Air: An Asthma Toolkit for Healthy Schools (Asthma Toolkit), an interactive toolkit providing policies, practices, and procedures, including links to other tools and resources to build capacity amongst diverse stakeholders around such strategies as safe cleaning and disinfecting, IPM, and ventilation. MAAP, MDPH, and partners disseminated the Asthma Toolkit broadly via social media, newsletters, and webinars, all of which advance student health.

In 2020, in collaboration with the MDPH, MAAP engaged over 60 MA stakeholders in a five-month process to develop the Strategic Plan for Asthma in MA: 2022- 2026. This plan leads with promoting health and racial equity – prioritizing the MA cities cited above with the greatest population of people of color; highest rates of poverty and economic hardship; and that are most burdened by asthma, COVID-19, air toxic cancer risk, and other chronic health conditions. It outlines broad goals and strategies focused on: schools, housing, outdoor air quality (AQ), and clinical care and linkages. The plan is still under review by MDPH (a review of the process is available in a MAAP newsletter here). Healthy Schools has been a priority since MAAP's inception, and there are currently over 20 members on MAAP's Healthy Schools Committee from a variety of sectors representing school health, community-based organizations, academia, regional planning, and state and local government.

To help advance our goal for healthy schools, HRIA/MAAP, with partners, applied for and was awarded a $200,000 EPA grant (00A004 0 CH) for *HEAL: Building Capacity for Resilient Schools in MA*. Through this project, we are expanding the Asthma Toolkit with additional resources focused on extreme heat and ventilation, and will be providing training and TA on policies and practices to address environmental asthma triggers, extreme heat, and ventilation to 5-7 school districts from the list above, as well as $5,000 to $7,000/district for a mini-project (we are releasing a simple application in April 2023, for engagement during the 2023-2024 academic year). We are also working to disseminate these new resources via webinars, newsletters, and listservs, to all MA public school districts and across New England. Our proposed project to the EJCPS Program, *Building on HEAL* will leverage these relationships and expand on the work from

our current project, and will provide more substantial financial resources, capacity building, wrap around TA, and in-depth learning to selected districts.

HRiA/MAAP is also helping to advance the goal of improved outdoor air quality via another project funded by the EPA: Enhanced Air Quality Monitoring for Communities Program. The Healthy Air Network is a project of HRiA/MAAP, the Public Health Institute of Western MA (PHIWM), Krystal Pollitt, PhD, P. Engineering, Yale School of Public Health (Yale), and others. It builds on the collaboration led by PHIWM, Yale, and community partners and resident advisors in Western MA, with the goal of expanding across MA and New England. The Healthy Air Network's website will serve as a universal platform to provide real-time, easily accessible, actionable data for any interested community across MA and New England monitoring for PM2.5 (and O_3 (ozone) where applicable) – with a focus and financial resources for community-based organizations in three EJ communities. To learn more – see this Fact Sheet.

Previously, HRiA managed the Boston Healthy Homes and Schools Collaborative (BHHSC); Boston Healthy Head Start Initiative; and Creating a Healthy Home and Managing Asthma training and certification program for home-based childcare providers. We are no longer running these grant funded programs. HRiA also collaborated with Boston Public Schools to support the Boston Healthy Schools Taskforce. Since 2020, HRiA has also managed the COVID-19 Community Grants Program, providing funding and TA and facilitating a learning/networking community to 90 community and faith-based organizations across MA working to reduce COVID-19 infections, morbidity, and mortality among Asian, Black, Indigenous, Latinx, and other people of color. In July 2023, the COVID-19 grant program will retain its model, but shift focus to supporting funded organizations through other public health priorities in their communities. Through this program, HRiA is working with organizations in each of the eleven prioritized communities for *HEAL*.

Building on HEAL will expand on and deepen our current work with schools, and leverage HRiA/MAAP's past work and relationships. It will be community-driven, enabling a range of stakeholders from individual schools/districts to select and develop more significant projects that will benefit their school communities.

d. EJCPS Model: *Building on HEAL* will utilize several elements of the EJCPS Model, most notably:

Element 1: Issue Identification, Community Vision, and Strategic Goal Setting: HRiA has led community-wide efforts to identify environmental challenges, envision solutions, and set goals in collaboration with community residents and other partners in multiple settings. We have led three processes to develop MA five-year plans in collaboration with MDPH – the latest for the Strategic Plan for Asthma in MA: 2022-2026 (as noted above, currently under final review with MDPH). Over 60 MAAP members from a range of sectors participated in a five-month process to develop the plan, which provides guidance and inspiration focused on asthma prevention and control. The Schools Goal is: *Establish healthy school environments that address asthma inequities through evidence-based asthma prevention and control policies and practices. Building on HEAL* seeks to address the following objectives under this goal: 1) *Improve indoor*

air quality to reduce asthma triggers in school settings; and 2) *Improve access to professional nursing education opportunities in areas of prevention and control of asthma for school nurses.* Selected school districts will identify issues, develop a vision, and select a project to work on to improve environmental conditions in one or more of their schools.

Element 2. Community Capacity-Building and Leadership Development: *Building on HEAL* will further develop and expand knowledge, community capacity, and leadership in selected school districts to implement a school-led project. It will build on the work of HRiA's current *HEAL* project offering more in-depth wrap around TA and more significant resources (a total of $200,000 will be distributed to two or three districts). We will encourage districts to build in stipends for parents, teachers, students, nurses, and others to support equitable engagement. We will also directly provide stipends/gift cards to support EJ communities' participation at our Environmental Health in Schools Summit – particulalry for parents or students. Finally, we will provide Continuing Nurse Education (CNE) credits and Professional Development Points (PDP) for teachers.

Element 4. Development of Multi-Stakeholder Partnerships and Leveraging of Resources: Schools will be at the center of *Building on Heal.* We will engage academia, community/non-profit organizations, and government to assist with capacity building, outreach, education, and TA. We will also solicit services from our Region One EJ Thriving Communities Technical Assistance Center, funded by the EPA. Partner organizations and community stakeholders will serve as advisors, and will be engaged in planning the Environmental Health in Schools Summit. See more details on partners in section f below.

Element 7. Evaluation, Lessons Learned, and Replication of Best Practices: We will reflect on lessons learned from both a process and outcomes perspective. We will document these in at least two case studies that will be shared widely across MA and New England to inspire project replication. We will also showcase the HEAL Champions (the participating district teams) and outcomes at the Environmental Health in Schools Summit, through workshops, webinars or publications through our partners, such as Metropolitan Area Planning Council and Undaunted, and will submit abstracts to present at conferences such those held by the American Public Health Association, MDPH, National Network of Public Health Institutes and/or the MA School Nurse Organization.

e. **Project Linkages:** *Building on Heal* supports EPA Strategic Plan Goal 2, Objective 2.1 by supporting capacity-building among school community stakeholders to address environmental asthma triggers and health conditions (poor indoor air quality and extreme heat), with a focus on low-income and ethnically and racially diverse districts where students are most burdened by asthma and extreme heat. The project promotes EJ by empowering communities at the school level to better understand risk factors, and how to mitigate risk by designing and implementing their own project, supported by TA and financial resources provided through *Building on HEAL*.

f. **Partner and Collaborate:** *Building on HEAL* involves partnerships with a range of stakeholders

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to support our goal of generating increased community-wide awareness of and capacity to address environmental risk factors. Below is a list of confirmed partners (they have provided letters of commitment):

- Metropolitan Area Planning Council (MAPC) is an independent state agency and the regional planning authority for the Greater Boston area, and a partner in our current *HEAL* project. MAPC will serve as the main project partner, assisting HRiA in providing wrap around TA to schools (anywhere in the state), identifying and recruiting subject matter experts to support school projects, and helping to plan webinars and the Environmental Health in Schools Summit. MAPC will also disseminate materials through their website, digital media, and communications networks with municipal staff, elected officials, and residents. Finally, they will help to engage, as needed, associations such as – the MA School Building Authority, MA Association of Health Boards, etc. MAPC supports capacity building to advance climate mitigation and adaption, has developed tools such as the Net Zero Playbook, and provides TA to municipalities to implement energy efficiency and renewable energy projects, including within school facilities. MAPC also led a process, Building Resilience to Climate Driven Heat – Metro Mayors Coalition Climate Task Force Plan, to develop a regional extreme heat preparedness plan for the Metro Boston Area centering public health and equity. MAPC participated in the planning for MA Strategic Plan for Asthma and serves on the MAAP Healthy Schools Committee. HRiA will provide a $44,000 subaward to MAPC, in compliance with EPA's Subaward Policy.

- MDPH, Asthma Prevention and Control Program will serve as an advisor for the Environmental Health in Schools Summit and will provide TA to the selected schools. They will also promote webinars and disseminate materials and information to community partners and to internal partners within MDPH. They have provided annual operating funding to MAAP since its inception in 2009 (currently approximately $45,000/year). They facilitate connections between MAAP, other MDPH departments, and other state agencies. MDPH was a key partner in creating the MA Strategic Plan for Asthma. They will not receive funding through *Building on Heal.*

- Northeastern University School Health Academy (NEUSHA) at the School of Nursing, will serve as an advisor on the project, will provide CNEs and PDPs for participants of webinars, the Environmental Health in Schools Summit, and for eligible HEAL Champions, and will help to promote the Summit. NEUSHA provides engaging, professional learning opportunities that benefit the health, safety, and achievement of all youth. NEUSHA supports school nurses and other school personnel in their efforts to provide evidence-based prevention and management practices to increasingly diverse school communities. NEUSHA has collaborated with HRiA/MAAP in the past to promote the Asthma Toolkit. HRiA will provide a $5,000 subaward to (NEUSHA), in compliance with EPA's Subaward Policy.

- Public Health Institute of Western MA (PHIWM), a community-based organization, will serve as an advisor on the project. This will include disseminating materials through their website, newsletters, and social media. If partner school districts choose to conduct air

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quality monitoring within schools, PHIWM will help facilitate the expansion of the Healthy Air Network to share data on air quality within schools. PHIWM convenes the Pioneer Valley Asthma Coalition and has a long history of working with local schools on improving asthma management and indoor air quality. Also, PHIWM has been an active member of MAAP for over ten years, participated in the planning for the MA Strategic Plan for Asthma, and serves on the Steering Committee and on the Healthy Schools Committee. HRiA will provide a $7,500 subaward to PHIWM, in compliance with EPA's Subaward Policy.

- Undaunted K-12 is a is a national nonprofit focused on supporting public schools to make an equitable transition to healthy zero carbon operation while preparing youth to build sustainable futures in a rapidly changing climate. They will serve as a content expert on accessing federal funds and as a connector to TA to retrofit existing school buildings for healthy zero carbon operation, present on a webinar or at the Environmental Health in Schools Summit, and collaborate, as a subcontracting advisor, if any of the selected communities chooses to work on healthy decarbonization of existing school buildings. HRiA will provide a $1,000 subaward to PHIWM, in compliance with EPA's Subaward Policy. This will increase, via school funding, if they are selected as a sub-contractor.

- Dr. Krystal Pollitt at Yale University School of Public Health will serve as a content expert and will help to plan the Environmental Health in Schools Summit. If a participating school district chooses to conduct indoor air quality monitoring, Dr. Pollitt will serve as a subcontractor to provide direction in installing low-cost air sensors, calibrating and maintaining a network, developing a web page focused on indoor air quality monitoring in schools, and adding to the Healthy Air Network. Dr. Pollitt's current research is focused on the health effects of indoor and outdoor pollutants using novel sensor technology. Dr. Pollitt is a lead partner in HRiA's MA Healthy Air Network, funded by the EPA, and has presented at MAAP and Asthma Regional Council of New England (ARC) meetings. HRiA will provide a $9,000 subaward in compliance with EPA's Subaward Policy. This will increase, via school funding, if they are selected as a sub-contractor.

Other potential partners include: MA School Nurses Organization (MSNO) and MA Parent Teacher Association to promote and/or cosponsor the Environmental Health in Schools Summit; MA Coalition for Occupational Safety and Health; (MassCOSH); University of MA Amherst Clean Energy Extension to provide TA to address indoor air quality and decarbonization; Dr. Patricia Fabian at Boston University School of Health as an advisor for planning the Environmental Health in Schools Conference; and Dr. Shanyn A Toulouse, Northeast Regional School Nurse Consultant, MDPH.

2.0 Project Activities / Milestone Schedule

a. **Project Activities**: *Building on HEAL* will expand on our current project; *HEAL: Building Capacity for Resilient Schools in MA* by continuing to foster knowledge and develop/support capacity to improve environmental health conditions within MA schools, optimizing outcomes for low-income, ethnically, and racially diverse districts where students are most burdened by

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environmental challenges like asthma and extreme heat. Below are the three main components of *Building on HEAL's* multi-pronged approach:

1) **Support and Build - HEAL Champions:** HRiA will select two to three school districts (of those participating in HRiA's current HEAL Ambassadors program) through a competitive application process to identify, plan, and implement an environmental health project that would benefit their school. HRiA and MAPC will provide and/or coordinate wraparound TA and capacity building services and will provide project funding (there will be $200,000 available jointly to the selected schools). Each school will engage parents, students, teachers, school health, facilities, administration, local community organizations, boards of health, and other stakeholders to select a project that promotes climate resiliency and/or improves indoor air quality. Examples of eligible projects include tree planting, creation of shade gardens, installation of cool roofs, development of maintenance manuals and plans for HVAC systems, and plans for larger decarbonization projects. Part of the TA support will include identifying state or federal funding sources that could be used to further support such projects – either as supplementary funding, for replication in additional schools, or for implementation of a larger plan. Schools will be required to include stipends or honorariums to promote equitable engagement of parents, teachers, nurses, and other constituents.

2) **Learning Network and Environmental Health in Schools Summit:** This will include a) Webinars on topics pertaining to potential environmental improvement projects, such as cool roofs, decarbonization, and federal funding opportunities for schools. When possible, we may leverage existing resources (such as CEU recordings from the Center for Green Schools) to provide these educational sessions; and b) The Environmental Health in Schools Summit designed to educate stakeholders from the K-12 school system on a variety of topics. The target audience for both the webinars and the summit will be MA school and district representatives (including teachers, nurses, facilities management/custodial services, parents, students and/or administrators), community-based organizations, municipal facilities planners, state government agencies, and other interested parties. Though the target audience will be school communities in EJ and Gateway cities in MA, HRiA will promote these opportunities across New England. We will leverage existing listservs and networks for outreach. To support participation from EJ communities, we will offer stipends for individual team members from prioritized school districts. We will also seek to provide CNEs for nurses, and CEUs for teachers. The idea for the Environmental Health in Schools Summit came from Dr. Shanyn Toulouse, School Nurse Consultant, inspired by an EPA conference she attended over a decade ago in D.C. focused on indoor air quality.

3) **Dissemination Campaign:** The campaign will make resources widely available to community members and schools, using diverse communication channels such as websites, social media, and the MAAP newsletter. As part of the campaign, HRiA will promote *Building on HEAL* at annual MAAP summits, providing a forum for representatives from participating schools to report on their progress. HRiA will also write 2-3 case studies on the projects, for broad dissemination.

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To accomplish the above goals and engagement, HRiA will carry out the following tasks:

Task 1: Identify and engage advisors/potential TA providers with expertise on program design, content, implementation, and/or outreach. In addition to the MAAP Healthy Schools Committee and project partners/advisors already named, HRiA and MAPC will identify advisors on a variety of topics as needed (e.g. expertise on cool roofs, HVAC maintenance, electrification of school buses, landscape architects, engineers, etc.). If possible, we will coordinate with the Region One EJ Thriving Communities Technical Assistance Center. HRiA will convene the MAAP Healthy Housing Committee five to six times/year and will convene and/or meet individually with other advisors on an as needed basis throughout the project. *Outputs: list of advisors and potential TA providers, meeting agendas and/or summaries/findings/advice.*

Task 2: Identify existing resources to support the project and to be included on website. For example: K12-InflationReductionAct-Final-Screen.pdf; HVAC Choices Report; Vent in Schools Report Jan 2023.pdf, etc. *Outputs: resources inventory.*

Task 3: Support and Build - HEAL Champions: HRiA will develop an invitation-only application process targeting school districts that have participated in the HEAL Ambassadors Learning Community. We will provide opportunities for one-on-one informational discussions about the opportunity. Applicant districts will be required to identify their lead champions – including representatives from school wellness committees, other school health staff, and/or representatives from facilities, and will be strongly encouraged to include school-based staff such as teachers, administration, other nurses, other wellness staff, custodians, as well as parents/guardian or student representatives. They will also be required to submit a signed agreement from the superintendent. As stated above, selected districts will receive capacity building assistance, specialized TA, and $60,000 to $100,000 to support engagement, including stipends for champions and for up to four other participants (including at least one parent/guardian or student representative).

Once two to three districts are selected, HRiA will lead Champions and other committee members through three to four virtual interactive workshops to provide information about potential projects and will hold individual meetings to provide TA to support them in developing goals, identifying professionals to work with them, developing scopes of work for services, and other components of action/implementation plans. HRiA will leverage HEAL Champion experiences as case studies for successful implementation of environmental health projects. These case studies will demonstrate that through our project model, school-led, environmental health interventions can be scalable across Massachusetts public schools. *Outputs: Two – three schools/districts participating, meeting agendas, webinar slides, summary of minutes, grant funding expended, and one project/district implemented. Projects will serve as pilots to demonstrate to other districts.*

Task 4: Implement Learning Network: HRiA will organize a minimum of four interactive

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virtual workshops on prevention/mitigation interventions for schools (e.g., shade gardens, impervious pavements, cool roofs, decarbonization of schools, federal funding opportunities for schools). These will be open sessions geared towards school stakeholders (teachers, nurses, parents, students), coalitions, associations, and officials, as well as municipal staff and officials engaged in facilities planning and decision-making. *Outputs: At least four workshops with at least 20 participants per workshop, workshop recordings and materials posted on-line and promoted, post-workshop survey results.*

Task 5: Environmental Health in Schools Summit: HRiA will organize this Summit – in person and live streamed - designed to educate K-12 Stakeholders on a variety of topics. Potential topics include: a) Air quality: how to interpret monitoring results, what results indicate the presence of harmful pollutants, and what practical steps can be taken to address concerning results; b) HVAC: how to maintain systems for optimal indoor air quality; c) Projects to address extreme heat such as, the benefits of a cool roof; and d) Leveraging state and federal resources for specific projects. The HEAL Champions will also present their work, sharing the impact of capacity building, process, plans and accomplishments to educate and inspire other districts. This summit is intended to spur learning and generate collaboration among school decision makers, parents, students, local government, and other advocates. Attendees will come away with ideas for strategies and resources for addressing environmental conditions, including air quality and extreme heat. HRiA will provide stipends to participants from EJ school districts, particularly parents/guardians, students and/or other community members. The goal of the summit will be to provide attendees with deeper and practical understanding of health risks related to environmental hazards, and what steps can be taken to mitigate risks. *Outputs: Summit invitation, 60 – 100 participants, meeting agenda, slides, and materials posted on-line and promoted, as well as recording of the Summit, and post-summit survey results.*

Task 6: Dissemination Campaign: HRiA will disseminate tools, workshop recordings, and information about professional development and TA opportunities using diverse communication networks and methods, including via HRiA's networks in MA (and beyond MA via ARC), EPA's Asthma Community Network, Childhood Asthma Leadership Coalition, and National Network of Public Health Institutes (NNPHI). HRiA will also regularly update the MAAP Healthy Schools webpage and newsletter; develop case studies from HEAL Champions, and promote *Building on HEAL* project work at a MAAP Summit and a MAPC Public Forum during Heat Prep Week, at national and state conferences (e.g. APHA, NNPHI Annual Conference, MDPH's Ounce of Prevention, MSNO Annual Conference, Superintendents and School Committee Annual Meeting). *Outputs: Updated MAAP Healthy Schools webpage with linked resources, two to three case studies – distributed through MAAP and partners, and via New England, and presentation at a minimum of two convenings.*

b. Milestone Schedule

Table 2: Activities, Timeline, and Milestones

Project Activities	Timeline	**Milestones**

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1.1 Consult with MAAP Healthy Schools Committee and advisors – via group meetings, individual consultations and/or key informant interviews. Up to four times/year, as needed.	Q1 - 11	Agendas, attendance, lists of meetings, summary of finding/advice, etc. Focus will be on getting feedback for: school application, content experts for presentations and/or to serve as sub-contractors to provide TA to schools, identify resources to be used throughout the project, and planning the Environmental Health for Schools Summit.
2.1 Identify existing resources to be used throughout the project and shared with participants and/or posted on MAAP website.	Q1 - 12	Resource inventory, and evidence shared – either via email, MAAP newsletter, or on MAAP website.
3.1 Develop simple HEAL Champions application for and template agreement letter for superintendent	Q1 – 2	Application & agreement letter completed.
3.2 Solicit applications from eligible School districts through targeted communication, MAAP newsletter and informational calls.	Q1- 2	Targeted communication materials disseminated, outreach and informational calls completed, applications received.
3.3 Review applications and select two to three districts. Develop formal contracts.	Q2 - 3	Contracts for 2- 3 Ambassador districts completed.
3.4 Project kick-off with grantees (Champions and others).	Q3-5	Meeting agenda, slide deck, list of attendees.
3.5 Provide and/or coordinate wrap around TA and capacity building services to committees of two or three school districts focused on selecting and carrying out projects.	Q3 - 12	TA documented (and providers if subcontractors), school district committees identified, developed plan and/or project to be implemented. Funding provided to school districts to carry out projects. Projects implemented. Intention is to provide CNEs and PDPs for engagement/project planning and implementation.
4.1 Develop and/or identify content for interactive virtual sessions on a variety of prevention/mitigation interventions for schools, and/or resources, and promote.	Q3-8	Promotional materials, agendas, and slides for four (or more) sessions.

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4.2 Recruit workshop participants and host four sessions.	Q3–8	Attendee lists (at least 20 participants/session), workshop materials and recordings, post session survey results. CNEs and PDPs offered to participants.
5.1 Plan Environmental Health in Schools Summit.	Q7 -9	Speaker list, location secured, promotional materials.
5.2 Hold Environmental Health in Schools Summit (in person and livestreamed)	Q9, 10, or 11 TBD	Agenda, slide decks, attendance list (60 – 100), post summit survey results, meeting materials posted on MAAP website and EPA's Asthma Community Network.
6.1 Develop case studies, based on the HEAL Champion Projects.	Q10, 11, 12	Two to three case studies – based on learnings, successes, and challenges from two to three districts.
6.2 Disseminate: Update MAAP's Healthy Schools webpage/portal and promote via MAAP newsletter, social media, and partners' communication platforms and websites.	Q2 –12	Case studies, recorded sessions, and relevant materials posted in MAAP newsletter, on MAAP website, promoted via partners' websites, newsletters, and to asthma programs in other New England states (in addition to what is described above). Also – when relevant, shared via the (national) Childhood Asthma Leadership Coalition and the EPA's Asthma Community Network.
7.1 Meet with EPA Program Officer and submit reports.	Q1-Q12	Meet with Program Officer monthly or as requested, submit reports semi-annually.

c. Itemized Budget Sheet / Budget Narrative: See attached.

3.0 <u>Environmental Results – Outputs, Outcomes, and Performance Measures</u>

a. **Environmental Results:** See attached logic model.

b. Performance Measurement Plan: *Building on HEAL* will monitor project performance though the following metrics: number of 1) Schools reached through all communication pathways and number of participants/school; 2) Participants in webinar and Summit; 3) Projects implemented and/or plans developed by HEAL Champions with grant funding; 4) Students impacted by projects once implemented; 5) Case studies developed; 6) Log of posts or earned media around

the *Building on HEAL* program, environmental hazards, and asthma in schools. Additionally, HRiA will develop and implement post-workshop surveys and key informant interviews to a) assess participant knowledge gained; b) action that participants intend to take or intent to take; c) identify additional training or TA needs; and d) adapt project activities based on participant feedback at key intervals.

c. **Sustainability Plan and Community Vision** HRiA is well-equipped to sustain the project and ensure long-term impact. HRiA has a long history working with schools, school districts, and childcare providers on environmental health programs through coalitions and partnerships focused on asthma, specifically through MAAP, since 2009. MAPC has worked with municipal and school administration to implement clean energy projects in school buildings and on municipally owned property. MAPC has also aided in procurement of equipment used in schools, including HEPA air filters and PPE during the COVID-19 pandemic. Existing partners listservs reach thousands of contacts and include strong localized coalitions working on public health and climate issues. *Building on HEAL* will help build capacity across MA and ensure that the impacts continue after the grant period. HRiA/MAAP will support districts institutionalizing best practices through the formal adoption of policies or procedures to reduce environmental hazards, as well as identifying opportunities to continue to provide TA to schools and districts on these issues – via use of our Asthma Toolkit and experiences from *Building on HEAL.* The case studies from the HEAL Champion projects will exist beyond the project period and will help make lessons learned and best practices accessible to those in MA and across the country. Through our case studies and our project model (wrap-around TA support, accessing existing state and federal funding, peer learning) we will demonstrate the scalability of school-led, environmental health-focused interventions across Massachusetts public schools and beyond. Finally, we will help to make the case for resources for the HEAL Champion districts and other districts in EJ communities to improve environmental conditions in schools.

4.0 <u>Programmatic Capability:</u>

a. **Organizational Experience:** *Building on HEAL* will leverage HRiA's extensive experience providing training and TA in the asthma prevention and control space, as well as community grantmaking. Founded in 1957, HRiA is a Boston-based national 501(c)3 non-profit organization with expertise in developing, implementing, and evaluating solutions for clients who share a vision of improving population health. HRiA's core services include capacity building assistance (e.g., training, technical assistance, and strategic planning); research and evaluation (e.g., assessment, research, and program evaluation); and grantmaking for biomedical research and community health initiatives. Across these core services, HRiA is dedicated to advancing racial justice and health equity. HRiA has gained deep expertise in asthma prevention and control through the management of MAAP, a network of diverse stakeholders committed to implementing policies and practices that address environmental conditions to reduce inequities in asthma outcomes and ARC. Other HRiA asthma-related projects have included participating in the Boston Healthy Homes and Schools Collaborative (BHHSC), Boston Healthy Head Start Initiative, delivery of our Creating a Healthy Home and Managing Asthma training and certification program for home-based childcare providers, our New England Asthma

Innovations Collaborative, a $4.2 million contract with the Centers for Medicare and Medicaid Innovation program to support community-health worker (CHW) led asthma home visiting across New England, and it's replication project – the New Jersey In-Home Asthma Intervention Pilot Project. The latter project has led to the spread and replication of CHW asthma home visiting programs, and coverage for CHWs by Medicaid in both MA and NJ.

b. **Staff Experience / Qualifications of Project Manager (PM)**

Stacey Chacker, HRiA's Director, Policy and Practice has over thirty years of experience providing strategic leadership on policy, advocacy, program planning/partnership development, and research on environmental health/justice issues at the community and governmental levels. She has led HRiA's asthma and environmental health work for 14 years, including directing MAAP and ARC, and the New England Asthma Innovation Collaborative, which was awarded an EPA National Environmental Leadership Award in Asthma Management in 2016. Prior to HRiA, Stacey worked in East Boston MA for 18 years, leading a community organizing department focused on EJ and community development, youth development, and engagement and implementation of projects. This included six community-driven projects to redevelop Boston Public Schoolyards (BPS), the first serving as a model for the Boston Schoolyard Initiative that supported the transformation of most of the Boston Public Schools into dynamic centers for recreation, outdoor classrooms/learning, and community, and the redevelopment of a brownfield into a four-acre passive park. She is proficient in Spanish and French, and parent of previous BPS student. Stacey will serve as the PM for *Building on HEAL.*

Geraldine Medina, Senior Program Manager, HRiA is skilled at providing TA and capacity building to community and faith-based organizations related to public health, including COVID-19, indoor and outdoor Air Quality, asthma, and climate and health. Prior to HRiA, Geri worked in clinical research, including a Boston University (BU) study using a text-based application to address pediatric dental health disparities, and at the Framingham Heart Study. She also worked for a nonprofit that provides FMT treatments for microbiome-mediated diseases and conducts microbiome research. Geri obtained her MPH at BU School of Public Health, with a focus on Environmental Health. Through her studies, she has participated in AQ and water quality monitoring in schools in MA EJ communities, and home inspections for environmental health hazards. She serves on the board of Groundwork Somerville, and in 2020 ran a mutual aid association in Boston. She is fluent in Spanish and attended BPS.

Paula Giraldo is Public Health Associate at HRiA, sponsored by the Center for Disease Control's Public Health Associate Program. In October 2023, she will transition to a HRiA employee. Paula has worked on all MAAP projects, including our current *HEAL* project – contributing to outreach, research, communications, and organizing. Paula holds a B.S. from BU in Biology, minor in Public Health. Previously, she taught Boston high school students and served as Director of Education & Advocacy at the University Blood Initiative. She is fluent in Spanish.

c. **Expenditure of Awarded Grant Funds**: HRiA has over 60 years of experience working with federal, state, and local government, as well as nonprofit community-based organizations and

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philanthropy. HRiA's reach and impact is supported by an Administration and Finance staff with expertise in contracts and budget management and human resources. In Fiscal Year 2022, HRiA had a budget of approximately $48 million, with over 200 active projects. HRiA adheres to GAAP and FASB guidelines for non-profit and government grant accounting. HRiA is audited annually, in compliance with OMB Circular A-133 by an independent auditing firm. HRiA's independent auditors' review of our FY2021 financial records and fiscal policies and procedures found no material weaknesses or significant deficiencies. HRiA qualifies as a "low risk" auditee under OMB standards. Revenue and expenses for all programs are tracked at the project or grant level to ensure against over-spending or inappropriate billing. Each program has an annual budget and monthly monitoring reports are generated by the fiscal office. The Project Manager will meet regularly with fiscal staff to review project revenue and expenses and ensure that the project is being carried out on time and on budget. She will also be responsible for communicating regularly with EPA contacts to ensure that project expectations are being met and required reporting is being carried out.

5.0 Past Performance: HRiA has successfully managed the federal and non-federal grants / cooperative agreements listed below during the past three years. We also hold contracts with each of the New England states to support MAAP and ARC. Table 3 offers a summary of our past grant management experience.

Table 3: HRiA Past Grant Management Experience

Funded Assistance Agreements	Funding Agency	Funding Amount	Completed	Successful completion & management?	History of on-time reporting?
HEAL: Building Capacity for Resilient Schools in MA	EPA – 00A004 0 CH	$200,000	To be completed 02/29/24 (NCE requested – as we did not receive our contract until May and started in 6/1/22)	Will successfully complete by 12/31/24 (with NCE). Our timeline is impacted by the school calendar – and the best times to outreach.	Yes
Asthma and COVID-19 – Lessons, Challenges, and Opportunities; Grant ID Number:	EPA HC00A007760	$30,000	To be completed 5/31/23	Will successfully complete by 5/31/23	Yes

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Narrowing the Gap: Promoting Racial and Health Equity in Asthma Across New England	EPA Region One HC 00A00524-0	$25,000	Completed 9/30/21	Yes	Yes
LEAH Knox Scholars Biomedical Research Program	NIH Secondary Education Partnership Award	$1,200,000	To be completed 8/31/2023	Will successfully complete by 8/31/2023	Yes
The NJ In-Home Asthma Intervention Pilot Project	The Nicholson Foundation	$400,000	6/1/21	Yes	Yes

6.0 Quality Assurance Project Plan (QAPP) Information: If any school district chooses to conduct indoor air quality monitoring as their project, then *Building on HEAL* will need a QAAP. If this is the case, we will work with Dr. Krystal Pollitt to modify the QAAP that we are developing for the EPA funded project, the MA Healthy Air Network. Otherwise, we do not anticipate the need for a QAAP.

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EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: William | Middle Name: S
Last Name: Spitzer | Suffix:

Title: Executive Director

Complete Address:

Street1: Hitchcock Center for the Environment
Street2: Ex. 6 Personal Privacy (PP)
City: Amherst | State: MA: Massachusetts
Zip / Postal Code: 01002-3363 | Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:** Ex. 6 - Personal Privacy (PP)

E-mail Address: billy@hitchcockcenter.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Jennifer | Middle Name:
Last Name: Unkles | Suffix:

Title: Financial Manager

Complete Address:

Street1: Hitchcock Center for the Environment
Street2: 845 West St
City: Amherst | State: MA: Massachusetts
Zip / Postal Code: 01002-3363 | Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:** Ex. 6 - Personal Privacy (PP)

E-mail Address: accounting@hitchcockcenter.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Jennifer | Middle Name:
Last Name: Unkles | Suffix:

Title: Financial Manager

Complete Address:

Street1: Hitchcock Center for the Environment
Street2:
City: Amherst | State: MA: Massachusetts
Zip / Postal Code: 01002-3363 | Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:** Ex. 6 Personal Privacy (PP)

E-mail Address: accounting@hitchcockcenter.org

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: | First Name: Dan | Middle Name:

Last Name: Butterworth | Suffix:

Title: Education Program Manager

Complete Address:

Street1: Hitchcock Center for the Environment

Street2:

City: Amherst | State: MA: Massachusetts

Zip / Postal Code: 01002-3363 | Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:** Ex. 6 - Personal Privacy (PP)

E-mail Address: dan@hitchcockcenter.org

EPA Form 5700-54 (Rev 4-02)

MAPC
METROPOLITAN AREA PLANNING COUNCIL

SMART GROWTH AND REGIONAL COLLABORATION

March 22, 2022

Stacey Chacker
Director, Policy and Practice
Health Resources in Action
Ex. 6 Personal Privacy (PP)

Dear Ms. Chacker,

On behalf of the Metropolitan Area Planning Council (MAPC), I am pleased to provide a letter of support and commitment to Health Resources in Action (HRiA)/Massachusetts Asthma Action Partnership (MAAP) for your application to the Environmental Protection Agency (EPA) in response to Funding Opportunity Number: EPA-R-OEJECR-OCS-23-01, Environmental Justice Collaborative Problem Solving Cooperative Agreement Program for the Building on HEAL (Healthy Environments Advance Learning) Project.

MAPC is the Regional Planning Authority for the Greater Boston region. MAPC is committed to equity, and that commitment is a principal focus in our projects and in our community engagement efforts. Through our work we have emphasized the need for more transparency and resources around local air quality for our residents, particularly as it impacts their respiratory and cardiovascular health. For this reason, we participated in the development of the 2022-2026 Strategic Plan for Asthma in MA and actively contribute to implementation of the plan, including the currently EPA-funded Healthy Environments Advance Learning: Building Capacity for Resilient Schools in MA Project (HEAL).

We support HRiA/MAAP's new proposed project, Building on HEAL. This award will allow MAAP to further support building of community capability and leadership to address environmental health issues in schools. Moreover, the project will work to optimize outcomes particularly for low-income, ethnically and racially diverse districts where students are most burdened by asthma and extreme heat.

MAPC commits to participate in this project by:

- Serving as a content expert on municipal planning and operations, local public health services, and public officials
- Assisting in the provision and/or coordination of technical assistance for selected districts and engagement public officials and community stakeholders
- Presenting either on a webinar or at the Environmental Health in Schools Summit
- Collaborating, as a subcontractor, if any of the selected schools chooses to implement HEAL interventions

We applaud your application to engage multiple school districts, including parents, teachers, students, school nurses, facility managers, community members and/or administrators in districts, in order to identify, plan and implement projects that will improve environmental health in these

Erin Wortman, President | **Adam Chapdelaine**, Vice President | **Samuel Seidel**, Treasurer | **Sandra Hackman**, Secretary | **Marc Draisen**, Executive Director
Metropolitan Area Planning Council Ex. 6 Personal Privacy (PP) Ex. 6 - Personal Privacy (PP) | Ex. 6 - Personal Privacy (PP) fax | mapc.org

schools and increase local knowledge and capacity to take action across school districts.

We look forward to hearing about the success of your proposal and collaborating on this project. If you have any questions, please contact me at bkeppard@mapc.org.

Sincerely,



Barry Keppard
Director, Public Health Department
Metropolitan Area Planning Council

Erin Wortman, President | **Adam Chapdelaine**, Vice President | **Samuel Seidel**, Treasurer | **Sandra Hackman**, Secretary | **Marc Draisen**, Executive Director

Metropolitan Area Planning Council Ex. 6 Personal Privacy (PP) | Ex. 6 - Personal Privacy (PP) | Ex. 6 - Personal Privacy (PP) fax | **mapc.org**

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
Ex. 6 Personal Privacy (PP)

MAURA T. HEALEY
Governor

KIMBERLEY DRISCOLL
Lieutenant Governor

KATHLEEN E. WALSH
Secretary

MARGRET R. COOKE
Commissioner

Tel: Ex. 6 - Personal Privacy (PP)
www.mass.gov/dph

April 5, 2023

Stacey Chacker
Director, Policy and Practice
Health Resources in Action
Ex. 6 Personal Privacy (PP)

Dear Ms. Chacker,

On behalf of the Asthma Prevention and Control Program (APCP) at the MA Department of Public Health, I am pleased to provide a letter of support and commitment to Health Resources in Action (HRiA)/Massachusetts Asthma Action Partnership (MAAP) for your application to the Environmental Protection Agency (EPA) in response to Funding Opportunity Number: EPA-R-OEJECR-OCS-23-01, Environmental Justice Collaborative Problem Solving Cooperative Agreement Program for the Building on HEAL (Healthy Environments Advance Learning) Project.

The APCP is committed to addressing asthma triggers including outdoor air pollution. Our Strategic Plan for Asthma in Massachusetts calls for increased air quality monitoring and education on impacts of poor air quality on asthma. Working with organizations such as yours, and your cooperating partners, we are able to leverage the state's investment in Asthma programming.

The APCP supports HRiA/MAAP's new proposed project, Building on HEAL. This award will allow MAAP to will further engage and support community capacity building and leadership to address environmental health issues in schools -- working to optimize outcomes particularly for low-income, ethnically and racially diverse districts where students are most burdened by asthma and extreme heat. The APCP commits to participate in this project by:

- Serving as a content expert on Asthma Prevention and Control
- Presenting either on a webinar or at the Environmental Health in Schools Summit
- Providing Technical Assistance to selected schools chooses

The APCP applauds the purpose of your application to engage two to three school districts– including parents, teachers, students, school nurses, facility managers, community members and/or administrators in districts – to identify, plan and implement a project to improve environmental health in their selected school(s), and more broadly to build knowledge and capacity to take action across school districts.

We look forward to hearing about the success of your proposal and collaborating on this project. If you have any questions, please contact me at michelle.warner@mass.gov

Sincerely,

Michelle Warner

Michelle Warner, MPH
Director, Asthma Prevention and Control Program
Massachusetts Department of Public Health

PUBLIC HEALTH INSTITUTE OF WESTERN MASSACHUSETTS

PARTNERS FOR HEALTH EQUITY

Pioneer Valley Asthma Coalition

March 27, 2023

Stacey Chacker, Director, Policy and Practice
Health Resources in Action

Ex. 6 Personal Privacy (PP)

Dear Ms. Chacker,

On behalf of the Public Health Institute of Western MA, I am pleased to provide a letter of commitment to Health Resources in Action (HRiA) in support of your proposal for the Building on HEAL (Healthy Environments Advance Learning) in response to the Environmental Protection Agency (EPA) Funding Opportunity Number: EPA-R-OEJECR-OCS-23-01, Environmental Justice Collaborative Problem Solving Cooperative Agreement Program.

The Public Health Institute of Western Massachusetts convenes the Pioneer Valley Asthma Coalition. We have a long history of working with local schools on improving asthma management and indoor air quality. Currently are working with schools in Holyoke and Springfield to monitor outdoor air Pollution, as part of our joint Healthy Air Network (HRIA/MA Asthma Action Partnership (MAAP) is a new partner). We are a member of MAAP's Healthy Schools Committee and participated in the planning process to develop the 2021-2026 Strategic Plan for Asthma in MA.

We support HRiA/MAAP's new proposed project, Building on HEAL – which will further engage school districts and schools on environmental health issues – working to optimize outcomes particularly for low-income, ethnically and racially diverse districts where students are most burdened by asthma and extreme heat. Their plan to invest further and significant funding in schools for planning and/or implementation, will help to set the groundwork for more significant changes. The goals of this program align with our organizational priorities, and we are committed to supporting this project by:

- Continuing to act in an advisory role for the project
- If any schools choose to conduct indoor air quality (AQ) monitoring, expanding what will soon be our joint statewide/New England region Healthy Air Network to include a section on indoor AQ
- Disseminate materials developed through our website, newsletters or social media.

We look forward to hearing about the success of your proposal and collaborating on this project. If you have any questions please contact me at shudson@publichealthwm.org or Ex. 6 Personal Privacy (PP)

Sincerely,

Sarita Hudson
Senior Director of Programs & Development/Pioneer Valley Asthma Coalition

Ex. 6 Personal Privacy (PP) | Phone Ex. 6 - Personal Privacy (PP)
www.PublicHealthWM.org | info@PublicHealthWM.org

UNDAUNTEDK12
Climate-resilient schools. Future-ready students.

Letter Of Commitment

April 5, 2023

From: Sara Ross
Co-founder, UndauntedK12
Ex. 6 Personal Privacy (PP)

To: Stacey Chacker
Director, Policy and Practice
Health Resources in Action
Ex. 6 Personal Privacy (PP)

Dear Ms. Chacker,

On behalf of UndauntedK12, I am pleased to provide a letter of support and commitment to Health Resources in Action (HRiA)/Massachusetts Asthma Action Partnership (MAAP) for your application to the Environmental Protection Agency (EPA) in response to Funding Opportunity Number: EPA-R-OEJECR-OCS-23-01, Environmental Justice Collaborative Problem Solving Cooperative Agreement Program for the Building on HEAL (Healthy Environments Advance Learning) Project.

UndauntedK12 is a national nonprofit focused on supporting America's public schools to make an equitable transition to healthy climate-resilient decarbonized operation. Many schools in Massachusetts have inadequate (or zero) cooling or ventilation, along with older gas and oil heating systems. We are working to enable Massachusetts communities to take advantage of Inflation Reduction Act funds to upgrade our schools for lower-cost healthier climate-resilient operation, for better student health and lower operating costs today and so we're better prepared for the next pandemic or extreme heat wave.

We support HRiA/MAAP's new proposed project, Building on HEAL. This award will allow MAAP to will further engage and support community capacity building and leadership to address environmental health issues in schools -- working to optimize outcomes particularly for low-income, ethnically and racially diverse districts where students are most burdened by asthma and extreme heat.

UNDAUNTEDK12
Climate-resilient schools. Future-ready students.

We commit to participate in this project by:

- Serving as a content expert on accessing federal funds and as a connector to technical support to retrofit existing school buildings for healthy zero carbon operation.
- Presenting either on a webinar or at the Environmental Health in Schools Summit
- Collaborating, as a subcontracting advisor, if any of the selected communities chooses to work on healthy decarbonization of existing school buildings

We applaud the purpose of your application to engage two to three school districts– including parents, teachers, students, school nurses, facility managers, community members and/or administrators in districts – to identify, plan and implement a project to improve environmental health in their selected school(s), and more broadly to build knowledge and capacity to take action across school districts.

We look forward to hearing about the success of your proposal and collaborating on this project. If you have any questions, please contact me at sara@undauntedk12.org.

Sincerely,



Sara Ross, co-founder, UndauntedK12

About UndauntedK12

UndauntedK12 is a national nonprofit focused on supporting America's public schools to make an equitable transition to healthy zero carbon operation while preparing youth to build sustainable futures in a rapidly changing climate.

Yale SCHOOL OF PUBLIC HEALTH
Department of Environmental Health Sciences

April 3, 2023

Stacey Chacker
Director, Policy and Practice
Health Resources in Action
Ex. 6 Personal Privacy (PP)

KRYSTAL POLLITT, PH.D., P.ENG.
Associate Professor
Ex. 6 Personal Privacy (PP)
T Ex. 6 - Personal Privacy (PP)
F Ex. 6 - Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)
publichealth.yale.edu

courier
Environmental Health Sciences
LEPH
Room 523
New Haven CT 06520

Dear Ms. Chacker,

I am pleased to provide this letter of commitment to Health Resources in Action (HRiA)/ Massachusetts Asthma Action Partnership (MAAP) for your application to the Environmental Protection Agency (EPA) in response to Funding Opportunity Number: EPA-R-OEJECR-OCS-23-01, Environmental Justice Collaborative Problem Solving Cooperative Agreement Program for the Building on HEAL (Healthy Environments Advance Learning) Project.

I am an Associate Professor in the Department of Environmental Health Sciences at the Yale School of Public Health and hold a cross-appointment in the Department of Chemical and Environmental Engineering. My PhD explored the impact of short-term air pollutant exposure on cardiorespiratory health as part a collaborative project with King's College London, University of Birmingham, Utrecht University and the Dutch National Institute for Public Health and the Environment. I was subsequently awarded a Canadian Thoracic Society Postdoctoral Research Fellowship focused on characterizing personal exposure to complex environmental exposures and their impact on respiratory health. My current research combines my interests and expertise in exposure science and analytical chemistry and aims to understand the health effects of indoor and outdoor pollutants using novel sensor technology.

I support HRiA/MAAP's new proposed project, Building on HEAL. This award will allow MAAP to will further engage and support community capacity building and leadership to address environmental health issues in schools - working to optimize outcomes particularly for low-income, ethnically, and racially diverse districts where students are most burdened by asthma and extreme heat. I commit to participate in this project by:

- Serving as an advisor broadly and by helping to plan content and identify speakers for the Environmental Health in Schools Summit for K-12 Stakeholders.

- Collaborating, as a subcontractor, if any of the selected schools chooses to conduct indoor air quality monitoring as their selected project. This would include directing them how to install low-cost air sensors, calibrating and maintaining the network, developing a page focused on indoor air quality monitoring in schools – adding to our Healthy Air Network, etc.

Thank you for the opportunity to express my support and commitment to this project. I applaud the purpose of your application to engage two to three school districts– including parents, teachers, students, school nurses, facility managers, community members and/or administrators in districts – to identify, plan and implement a project to improve environmental health in their selected school(s), and more broadly to build knowledge and capacity to take action across school districts. I look forward to continuing our successful and productive work together.

I look forward to hearing about the success of your proposal and collaborating on this project. If you have any questions, please contact me at Ex. 6 - Personal Privacy (PP)

Sincerely,



Krystal Pollitt, Ph.D., P.Eng.
Associate Professor
Yale School of Public Health
Yale School of Engineering and Applied Science

Northeastern University
Bouvé College of Health Sciences
School of Nursing, School Health Academy

April 12, 2023

Stacey Chacker
Director, Policy and Practice
Health Resources in Action
Ex. 6 Personal Privacy (PP)

Dear Ms. Chacker,

As Co-Directors of the Northeastern University School Health Academy (NEUSHA), we are pleased to provide a letter of support and commitment to Health Resources in Action (HRiA)/Massachusetts Asthma Action Partnership (MAAP) for your application to the Environmental Protection Agency (EPA) in response to Funding Opportunity Number: EPA-R-OEJECR-OCS-23-01, Environmental Justice Collaborative Problem Solving Cooperative Agreement Program for the Building on HEAL (Healthy Environments Advance Learning) Project.

NEUSHA offers continuing education to school nurses and school health personnel in MA as well as all 50 states. As part of the Northeastern University's School of Nursing, accredited by the American Nurses Credentialing Center (ANCC), we provide nursing continuing professional development (NCPD) and contact hours and PDP's to school health personnel.

- We are participating, by acting as the accredited provider of NCPD for HRiA/MAAP's current Healthy Environments Advance Learning (HEAL), and would be happy to participate in this next project.
- We disseminate materials developed through our website www.neusha.org (e.g. weekly e-newsletters, posting on relevant platforms and/or networks)
- We help to identify and strengthen connections and relationships with school districts/schools with the highest needs in low-income and minority communities.

We support HRiA/MAAP's new proposed project, Building on HEAL – which will further engage school districts and schools on environmental health issues – working to optimize outcomes, particularly for low-income, ethnically and racially diverse districts where students are most burdened by asthma and extreme heat, as well as to organize a statewide summit focused on environmental health in schools. Their plan to invest further and significant funding in schools for planning and/or implementation will help to set the groundwork for more significant changes. The goals of this program align with our organizational priorities, and we are committed to supporting this project by:

- Serving as an advisor role for the project overall, and assisting with planning the summit focused on environmental health in schools.
- Disseminate materials developed through our website (e.g. weekly e-newsletters, in relevant platforms and/or networks)

We clearly understand that the purpose of the EPA **Environmental Justice Collaborative Problem Solving (EJCPS) Cooperative Agreement** application is to build community capacity, leadership, and collaboration on air quality, climate resilience, environmental justice, and health equity in order to address air pollution and improve health outcomes.

We applaud the purpose of the EPA **Environmental Justice Collaborative Problem Solving (EJCPS) Cooperative Agreement** application to ensure that community residents have a voice in project planning and implementation, advocacy and decision-making around air quality and climate resilience activities.
We look forward to hearing about the success of your proposal and collaborating on this project. If you have any questions, please contact us at Ex. 6 - Personal Privacy (PP) or Ex. 6 - Personal Privacy (PP)

Sincerely,

Jenny M Gormley

Jenny Gormley DNP, MSN, BA, RN, NCSN
Director NEU School Health Academy
Ex. 6 Personal Privacy (PP)

Kathleen A. Hassey

Kathy Hassey DNP, M.Ed., BSN, BA, RN
Director NEU School Health Academy
Ex. 6 - Personal Privacy (PP)

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

EPAEJCPS HCE 2023

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Application
New
2023-04-14
Hitchcock Center for the Environment
04-2487748
JZN1YESH54G9
Ex. 6 Personal Privacy (PP)
USA: UNITED STATES

Mr.
William
S
Spitzer

Executive Director
Hitchcock Center for the Environment
EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Healthy Air Network – Building rural community capacity and youth education on air quality and climate resilience in the Connecticut River Valley
MA-002
MA-002

1234-EPA EJCPS Proposal Congressional Districts Affected.pdf
application/pdf

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2024-01-01
2026-12-31
499829.00
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499829.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Mr.
William
S
Spitzer

Executive Director
EX. 6 - Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
William Spitzer
2023-04-14

Hitchcock Center for the Environment

Ex. 6 Personal Privacy (PP)

JZN1YESH54G9
William Spitzer
EX. 6 - Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)
Executive Director
N: No
None.
None.
None.
N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Jennifer Unkles, Financial Manager, Hitchcock Center for the Environment, Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP), EX. 6 - Personal Privacy (PP) phone, EX. 6 - Personal Privacy (PP) fax.
When an employee believes that policies, procedures, and practices have been improperly, inadequately

or unfairly applied, s/he is encouraged to express her or his concern to the Executive Director in an attempt to resolve the problem through discussion. If the resolution of the problem at this level is unsatisfactory to the employee s/he may discuss the situation with a Board-appointed Ombudsperson who will act as fact finder and/or mediator to explore ways of resolving the dispute constructively and informally. If the employee is not satisfied with the outcome of the informal procedure, s/he may initiate the formal grievance procedure. The employee will state in writing her or his grievance and present that written document to the Executive Director, who will transmit it to the Board's Executive Committee. The Executive Committee and the Ombudsperson will review the case with the employee and their decision on the issue will be final.
William Spitzer
Executive Director
2023-04-14

William
S
Spitzer

Executive Director
Hitchcock Center for the Environment
Ex. 6 Personal Privacy (PP)
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)

Jennifer
Unkles

Financial Manager
Hitchcock Center for the Environment
Ex. 6 Personal Privacy (PP)
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
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Ex. 6 Personal Privacy (PP)

Jennifer
Unkles

Financial Manager
Hitchcock Center for the Environment
Ex. 6 Personal Privacy (PP)
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
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Ex. 6 Personal Privacy (PP)

Dan
Butterworth

Education Program Manager
Hitchcock Center for the Environment
Ex. 6 Personal Privacy (PP)
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
dan@hitchcockcenter.org

1235-EPA EJCPS 2023 Proposal Budget Detail.pdf
application/pdf
xTr4Hs+Y9dQpW/95FTnNNyDVq3Y=

1236-EPA EJCPS 2023 logic model.docx.pdf
application/pdf
U7Ca+j8OBttFrtOSyHvXWGf5Edo=

1237-Letters of Commitment.pdf
application/pdf
LSgxCMF3GYdMFHFHD3h+fCOsYwU=

1238-Staff Resumes.pdf
application/pdf
lxVFjiU/2sCN2HF9H1xnMkzcVZU=

1239-IRS Determination Letter 2019.pdf
application/pdf
tCO6xezoUtGyQJg3df6T8qnWSiw=

1240-EPA EJCPS 2023 Workplan.pdf
application/pdf
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oKfKHaLH1heYtdNeik6QyGTCoQo=
2023-04-14T08:11:25.000-04:00
William Spitzer
GRANT13860963

EPA EJCPS Proposal Budget								
Hitchcock Center for the Environment								
January 1, 2024 - December 31, 2026								
					Year 1	**Year 2**	**Year 3**	**Total**
Personnel			# Hours/Year	Hourly Rate [see note 1 below]				
	W. Spitzer, Project Director		110					
	D. Butterworth, Project Manager		1,040					
	J. Mazur, Environmental Educator		520					
	A. Martineaux, Communications/Social Media/Design		100					
	Subtotal Personnel							**$137,561**
Fringe Benefits: 20% of Salaries and Wages					$8,901	$9,168	$9,443	**$27,512**
Travel		# Trips/Year	Avg Miles/Trip	Cost/Mile				
	Local Mileage Reimbursement	28	50	$0.66	$924	$924	$924	**$2,772**
Equipment					$0	$0	$0	$0
Supplies								
	Communications Materials (printing costs for signage, flyers, posters, brochures, rack cards)				$4,000	$4,000	$4,000	$12,000
	Action Planning Toolkits (materials and supplies, printing costs)				$500	$500	$500	$1,500
	Subtotal Supplies							**$13,500**
Contractual								
	PHIWM Subcontract (staff for convening and evaluation, consultant for website updates, stipends for 10 Resident Advisors @ $1,200)				$65,450	$65,450	$65,450	$196,350
	Yale Subcontract (postdoc for data analysis and reporting)				$10,000	$10,000	$10,000	$30,000
	Subtotal Contractual							**$226,350**
Construction					$0	$0	$0	$0
Other (Participant Support Costs)			# Stipends/Year	Cost/Stipend				
	Stipends for Youth Leaders ($100/month x 10 months)		4	$1,000	$4,000	$4,000	$4,000	$12,000
	Stipends for Youth Action Teams ($500 climate action projects, $500 transportation, $100/student x 10 students, $500 adult mentor)		6	$2,500	$15,000	$15,000	$15,000	$45,000
	Stipends for Action Planning Toolkit development (MREC, Seeds of Solidarity)		2	$2,000	$4,000	$4,000	$4,000	$12,000
	Subtotal Other							**$69,000**
Total Direct Costs					$157,280	$158,882	$160,532	**$476,695**
Modified Total Direct Costs (MTDC) [see note 2 below]					*$93,830*	*$70,432*	*$67,082*	
Indirect Costs: 10% of Modified Total Direct Costs					$9,383	$7,043	$6,708	**$23,134**
Total Costs					**$166,663**	**$165,925**	**$167,241**	**$499,829**
Notes:								
	[1] Staff hourly rates include a 3% annual cost of living adjustment							
	[2] Modified Total Direct Cost (MTDC) means all direct salaries and wages, applicable fringe benefits, materials and supplies, services, travel, and up to the first $25,000 of each subaward.							
	MTDC excludes equipment, capital expenditures, rental costs,, participant support costs and the portion of each subaward in excess of $25,000.							

Ex. 6 Personal Privacy (PP)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Hitchcock Center for the Environment

* b. Employer/Taxpayer Identification Number (EIN/TIN): 04-2487748

* c. UEI: JZN1YESH54G9

d. Address:

* Street1: Ex. 6 Personal Privacy (PP)
Street2:
* City:
County/Parish:
* State: Ex. 6 Personal Privacy (PP)
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: Ex. 6 Personal Privacy (PP)

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Mr.

* First Name: William

Middle Name: S

* Last Name: Spitzer

Suffix:

Title: Executive Director

Organizational Affiliation: Hitchcock Center for the Environment

* Telephone Number: Ex. 6 - Personal Privacy (PP)

Fax Number: Ex. 6 - Personal Privacy (PP)

* Email: Ex. 6 Personal Privacy (PP)

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Healthy Air Network – Building rural community capacity and youth education on air quality and climate resilience in the Connecticut River Valley

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: MA-002 * b. Program/Project: MA-002

Attach an additional list of Program/Project Congressional Districts if needed.

1234-EPA EJCPS Proposal Congressional Dist | Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 01/01/2024 * b. End Date: 12/31/2026

18. Estimated Funding ($):

* a. Federal	499,829.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	499,829.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Mr. * First Name: William

Middle Name: S

* Last Name: Spitzer

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 - Personal Privacy (PP) Fax Number: Ex. 6 - Personal Privacy (PP)

* Email: Ex. 6 Personal Privacy (PP)

* Signature of Authorized Representative: William Spitzer * Date Signed: 04/14/2023

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: The Nature Conservancy

Address: Ex. 6 Personal Privacy (PP)

City: Providence

State: Ex. 6 Personal Privacy (PP) Zip Code: 02906

B. Unique Entity Identifier (UEI): THG1JDUEQKQ8

C. Applicant/Recipient Point of Contact

Name: Scott Comings

Phone: Ex. 6 - Personal Privacy (PP)

Email: scomings@tnc.org

Title: Associate State Director

II. Is the applicant currently receiving EPA Assistance? ☒ Yes ☐ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

None

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII.	**Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)**	☐ Yes	☒ No
	a. Do the methods of notice accommodate those with impaired vision or hearing?	☐ Yes	☐ No
	b. Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?	☐ Yes	☐ No
	c. Does the notice identify a designated civil rights coordinator?	☐ Yes	☐ No
VIII.	**Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))**	☐ Yes	☒ No
IX.	**Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))**	☐ Yes	☒ No

X. If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.

Compliance with the Civil Rights Act is jointly addressed by staff from Human Resources, Legal, Ethics and Compliance, and the various Business Units implementing programs and activities.

XI. If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.

Complaints are managed through the Ethics and Compliance Helpline. The Nature Conservancy Ethics & Compliance Helpline (convercent.com) Other requests have been managed at the location in which the request was made. TNC is reviewing its procedures to ensure that all actions are appropriately handled and conform with TNC's obligations under the Act.

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Sara M Swan	Grants Specialist	04/13/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Ms. First Name: Sara Middle Name:
Last Name: Swan Suffix:

Title: Grants Specialist

Complete Address:

Street1: 159 Waterman Street
Street2:
City: Providence State: RI: Rhode Island
Zip / Postal Code: 02906 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: sswan@tnc.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: Ms. First Name: Catherine Middle Name:
Last Name: Campbell Suffix:

Title: Associate Director of Philanthropy

Complete Address:

Street1: 159 Waterman Street
Street2:
City: Providence State: RI: Rhode Island
Zip / Postal Code: 02906 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: catherine_campbell@tnc.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: Ms. First Name: Sara Middle Name:
Last Name: Swan Suffix:

Title: Grants Specialist

Complete Address:

Street1: 2175 E. French Rd.
Street2:
City: St. John's State: MI: Michigan
Zip / Postal Code: 48879 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: sswan@tnc.org

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** Ms. **First Name:** Sheila **Middle Name:**

Last Name: Dormody **Suffix:**

Title: Director of Climate and Cities Program

Complete Address:

Street1: 159 Waterman Street

Street2:

City: Providence **State:** RI: Rhode Island

Zip / Postal Code: 02906 **Country:** USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: sheila.dormody@tnc.org

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/13/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: The Nature Conservancy

* b. Employer/Taxpayer Identification Number (EIN/TIN): 53-0242652

* c. UEI: THG1JDUEQKQ8

d. Address:

* Street1: 4245 Fairfax Dr
Street2: Suite 100
* City: Alrington
County/Parish:
* State: VA: Virginia
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: Ex. 6 Personal Privacy (PP)

e. Organizational Unit:

Department Name: Rhode Island Chapter

Division Name: Eastern U.S. Division

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Ms.
* First Name: Sara
Middle Name:
* Last Name: Swan
Suffix:

Title: Grants Specialist

Organizational Affiliation: The Nature Conservancy

* Telephone Number: Ex. 6 - Personal Privacy (PP)
Fax Number:

* Email: sswan@tnc.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

1245-Collaborating for Tree Equity - Projec | Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Collaborating for Tree Equity in Providence, Rhode Island

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: RI-001 * b. Program/Project: RI-all

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 * b. End Date: 10/31/2026

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	18,338.00
* c. State	0.00
* d. Local	10,000.00
* e. Other	326,483.00
* f. Program Income	0.00
* g. TOTAL	854,821.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☒ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☐ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Ms. * First Name: Sara

Middle Name:

* Last Name: Swan

Suffix:

* Title: Grants Specialist

* Telephone Number: Ex. 6 Personal Privacy (PP) Fax Number:

* Email: sswan@tnc.org

* Signature of Authorized Representative: Sara M Swan * Date Signed: 04/13/2023

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

EPA EJECR TNC Urban Forestry

1234-EPA EJ CPS Budget.pdf
application/pdf
MAPh6vYyRLiK1Ry0DxaXg7rmGLA=

1235-Collaborating for Tree Equity Logic Model_.pdf
application/pdf
1bPqQrCHBen+wVqg15MGUaB30uw=

1236-City Forestry -Letter of support.pdf
application/pdf
iaxNKZ4/zy7wajpAFaNIvykwfDs=

1237-MEO partner letter.pdf
application/pdf
Sj8+2N4MCjM33NjueDQvIdUAfKs=

1238-PNPP LOS_TNC_EPA EJ CPS Grant_2023.pdf
application/pdf
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1239-SHEILA DORMODY resume.pdf
application/pdf
8SIFHpxb/3LNEG36Q5VJKinHEcA=

1240-Cassie Tharinger_Resume.PDF
application/pdf
6z5yT7/o2YvnszCwmNqrxi6J28s=

1241-Elton Resume.pdf
application/pdf
FI2F/eyaGp3ASxbw3qUkZMi0zS0=

1242-JA Resume 04_2023.pdf
application/pdf
a6GMkoqZeWrC7kJMs2fKlfwhf6Y=

1243-2021 IRS Tax Exempt status letter.pdf
application/pdf
xOJ08Oldg7e5UL0ZxXzqFYQEKd0=

1244-NICRA_FY23_Signed.pdf
application/pdf
0wo6zjOEKHN3w6wBKCBRIdQfX5w=

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31560.00
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50904.00

168440.00
168440.00

168440.00
168440.00

$470,983.00
$29,017.00

Application
New
2023-04-13
The Nature Conservancy
53-0242652
THG1JDUEQKQ8
4245 Fairfax Dr
Suite 100
Alrington
VA: Virginia
22203-1650
USA: UNITED STATES

Rhode Island Chapter
Eastern U.S. Division
Ms.
Sara
Swan

Grants Specialist
The Nature Conservancy
EX. 6 - Personal Privacy (PP)

sswan@tnc.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
1245-Collaborating for Tree Equity - Project Areas Affected.pdf
application/pdf
/MrNAxy24HJWi8DzteTspUauCd4=

Collaborating for Tree Equity in Providence, Rhode Island
RI-001
RI-all
2023-11-01
2026-10-31
500000.00
18338.00
0.00
10000.00
326483.00
0.00
854821.00
b. Program is subject to E.O. 12372 but has not been selected by the State for review.
N: No
Y: Yes
Ms.
Sara
Swan

Grants Specialist
Ex. 6 Personal Privacy (PP)
sswan@tnc.org
Sara M Swan
2023-04-13

1246-EPA EJ CPS Proposal Narrative Final.pdf
application/pdf
qmAt62Y3vti4h8QnPmDinGVFtLI=

The Nature Conservancy
159 Waterman Street
Providence
RI: Rhode Island
02906

THG1JDUEQKQ8
Scott Comings
EX. 6 - Personal Privacy (PP)
scomings@tnc.org

Associate State Director
Y: Yes
None
None
None
N: No
N: No
N: No
N: No
Compliance with the Civil Rights Act is jointly addressed by staff from Human Resources, Legal, Ethics and Compliance, and the various Business Units implementing programs and activities.
Complaints are managed through the Ethics and Compliance Helpline. The Nature Conservancy Ethics & Compliance Helpline (convercent.com) Other requests have been managed at the location in which the request was made. TNC is reviewing its procedures to ensure that all actions are appropriately handled and conform with TNC's obligations under the Act.
Sara M Swan
Grants Specialist
2023-04-13

Ms.
Sara
Swan

Grants Specialist
159 Waterman Street
Providence
RI: Rhode Island
02906
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
sswan@tnc.org

Ms.
Catherine
Campbell

Associate Director of Philanthropy
159 Waterman Street
Providence
RI: Rhode Island
02906
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
catherine_campbell@tnc.org

Ms.
Sara
Swan

Grants Specialist
2175 E. French Rd.
St. John's

MI: Michigan
48879
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
sswan@tnc.org

Ms.
Sheila
Dormody

Director of Climate and Cities Program
159 Waterman Street
Providence
RI: Rhode Island
02906
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
sheila.dormody@tnc.org

Uq9sJgNC3cxUcV8UoBnmT3Jacbw=
2023-04-13T21:54:31.000-04:00
Sara M Swan
GRANT13860881

WENDY NILSSON
Superintendent of Parks

BRETT P. SMILEY
Mayor

John Torgan
Rhode Island Director
The Nature Conservancy
159 Waterman Street
Providence RI 02906

April 7, 2023

Dear John,

The City of Providence Parks Department Forestry Division enthusiastically supports the *Collaborating for Tree Equity in Providence RI* proposal to the U.S. EPA Environmental Justice Collaborative Problem Solving RFA.

This proposal aligns directly with our mission to trees to create an equitable urban forest to maximize its many benefits, as well as to ensure that these benefits are equitably shared throughout Providence.

The City of Providence Parks Department Forestry Division looks forward to partnering with you in this work by providing technical support and guidance, as will be detailed in our subaward. I look forward to providing coordination with my counterparts in other City departments, including Planning, Public Works, Parks Sustainability and Policy which have all been engaged in various aspects of the development of the PVD Tree Plan and will be essential for our successful implementation of the plan.

Our budget for the project will include $10,000 for the City Forester's time, and we will provide $10,000 in in-kind contributions.

The City of Providence Parks Department Forestry Division could not be more excited about this collaboration. The opportunity to join forces and collaborate with local organizations that share our mission of developing an equitable and healthy urban forest in Providence that will grow and support the community in countless ways for generations of residents.

Sincerely,

A. J. Elton

Alexander J. Elton
City Forester/Director of the Forestry Division

PROVIDENCE PARKS DEPARTMENT
1000 Elmwood Avenue, Providence, RI 02905
Phone: Ex. 6 - Personal Privacy (PP)



John Torgan
Rhode Island Director
The Nature Conservancy
159 Waterman Street
Providence RI 02906

April 7, 2023

Dear John,

On behalf of Movement Education Outdoors, I would like to extend our enthusiastic support for the proposed project *Collaborating for Tree Equity in Providence RI* proposal to the U.S. EPA Environmental Justice Collaborative Problem Solving RFA.

This project aligns directly with MEO's mission which works to create equity in health across Providence, especially through ensuring healthy air and accessible green spaces for all. Our work leads with engaging Rhode Island youth from communities of color and low-income communities who historically and disproportionately suffer from harms and risks to their environmental health. With youth leading the way, MEO cultivates ways of being in relation to the land air, water, and soil that acknowledge our deep connection to our environment, honor our Black and Indigenous ancestors who cared for the environment before us, and center frontline communities in how we shape the future.

Movement Education Outdoors looks forward to partnering with you in this work by recruiting and onboarding additional community representatives to the steering committee, identify and train community PVD Tree Ambassadors and begin community outreach, as will be detailed in our subaward.

The last couple of years of being in community with PVD Tree members and steering committee as a project coordinator has brought hope and faith that all communities can and will receive equitable access to air, water and soil for food sustainability. The continued collaboration, leadership and ongoing implementation of creative ways for equity in land conservation from The Nature Conservancy has been a very supportive and intentional. MEO wholeheartedly supports *Collaborating for Tree Equity in Providence RI.*

Sincerely,
Joann Ayuso
Joann Ayuso
Founding Director
Movement Education Outdoors

Ex. 6 Personal Privacy (PP)

PROVIDENCE
NEIGHBORHOOD
PLANTING
PROGRAM

John Torgan
Rhode Island Director
The Nature Conservancy
159 Waterman Street
Providence RI 02906

April 7th, 2023

Dear John,

Providence Neighborhood Planting Program (PNPP) looks forward to partnering with The Nature Conservancy to implement the *Collaborating for Tree Equity in Providence RI* proposal to the U.S. EPA Environmental Justice Collaborative Problem Solving RFA.

This proposal aligns directly with our mission to engage communities in planting and stewarding trees in order to create a healthier and more equitable urban forest in Providence.

PNPP will partner in this work in the following ways, as will be further detailed in our subaward:

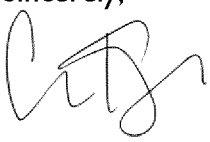
- Providing Project Management for all implementation aspects of the proposed project.
- Hiring, training and supervising the PVD Tree Plan Coordinator.
- Organizing the Community Tree Planning Forums, managing the Community Tree Ambassadors, developing collateral materials, and integrating the relevant planting programs into the process. (Role of the PVD Tree Plan Coordinator).
- Designing and implementing the residential yard tree planting pilot.
- Coordinating the companion right-of-way and public-space plantings via our Neighborhood Street Tree Award program, to be shaped and located by the community-identified priorities.

P.O. Box 5897 Providence, RI 02903 • Ex. 6 Personal Privacy (PP) • Ex. 6 Personal Privacy (PP)

To support this work, PNPP will provide our technical expertise in tree planting and maintenance, as well as our skills and experience in collaborative and community-engaged urban forest management approaches. Our budget for the project will include $180,000 for PNPP staff salaries over 3 years: $60,000 for the 30% FTE Project Manager role, and $120,000 for the 50% FTE PVD Tree Plan Coordinator position. We will also provide $125,000 in matching funds to conduct the tree plantings on streets and in public spaces, as guided by the planting priorities identified by residents through the Community Tree Planning Forums.

This project represents the critical next steps in implementing the recommendations of the community-created PVD Tree Plan, and in developing an approach to managing Providence's urban forest that is rooted in collaborative governance and guided by the needs of those most impacted by the burdens of tree inequity and environmental injustice. We believe this work will serve as a valuable model within our city, across Rhode Island, and beyond, and we are delighted to partner with The Nature Conservancy to make it a reality.

Sincerely,



Cassie Tharinger
Executive Director, PNPP

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PROFESSIONAL EXPERIENCE

Providence Neighborhood Planting Program (PNPP), Executive Director - Fall 2015 - Present

- Oversees all aspects of PNPP's programming, personnel and administrative work.
- Plans and coordinates twice yearly community-driven street tree plantings across Providence involving hundreds of neighborhood organizations and volunteers.
- Develops equity-focused community engagement strategies to expand programmatic reach into low-tree-canopy neighborhoods.
- Created and continues to oversee "Providence Community Tree Keepers" Program, training residents in structural pruning and maintenance of young urban trees.
- Identifies and implements partnership opportunities to cultivate and enhance community-based tree planting, stewardship, and education activities for youth and adults.
- Initiated and continues as a project lead for the PVD Tree Plan--a public-private collaborative initiative to create a citywide equity-focused strategic plan for Providence's urban forest.

Mount Hope Farmers Market, Manager - April 2012 - September 2017

- Founding manager of weekly year-round Farmers Market on Historic Farm Trust.
- Built market infrastructure; contracted & coordinated 20 + regular vendors; conduct advertising and outreach to the community regarding local food and markets, coordinated market volunteers.
- Oversaw programming for farm and market related events and activities (music, farming/cooking demonstrations, fundraisers, family/youth-focused activities).
- Coordinated Market Volunteers and built market infrastructure.
- Worked with other RI Farmers Markets to establish and coordinate RI Farmers Market Collaborative
- Incorporated SNAP/WIC and Farm Fresh RI's newly created Bonus Bucks program into market, to make healthy and local food in the East Bay more affordable and accessible.

Snake Den Farm, Farm Manager - 2013 - 2014

- Manager of newly formed nonprofit incubator farm in Rhode Island.
- Lived on site, supported and coordinated general maintenance of farm property.
- Developed program models and mechanisms for recruiting, selecting and supporting new farmers.

Assistant Orchard Manager/Apprentice to John Bunker, Fruit Tree Historian & Orchardist, 2009 – 2011

- Managed test/research orchard in Palermo, ME.
- Conducted outreach & education related to identifying and cultivating heirloom fruit varieties.

Fedco Tree Nursery, Nursery Staff - 2009 – 2010

- Detail-oriented and physically demanding work organizing supplier deliveries and customer orders, and maintaining live plant stock.
- Assisting and educating customers during in-house sales events.
- Researched and documented plant and tree varieties for Fedco tree catalog.

Out on a Limb Apple CSA - Co-Founder/Coordinator, 2009 – 2010

- Established and administered Out on a Limb Apple CSA, in Portland ME; a subscription-based delivery of rare and heirloom apples sourced from small local orchards to over 50 customers.

RI State Council on the Arts, Individual Artist Program Asst & Gallery Manager - 2006 – 2009

- Administrated Statewide Artist Fellowship Granting Program.
- Advised and supported Rhode Island artists and craftspeople in grant applications and project design.
- Managed rotating community gallery in State Dept of Administration office building.
- Conducted outreach, organization and setup for annual Fellowship Artist Exhibition.

OTHER EXPERIENCE

Rhode Island State Forest Conservation Commission, Board Member - 2022 - Present

Reclaim RI, Board Member - 2020 - 2022

- On leadership team of all-volunteer community-organizing group working on campaigns for economic and racial justice in Rhode Island.

Urban Greens Co-op Market, Founding Board Member - 2004 - 2020

- Worked collaboratively to develop a small buying club into consumer-owned cooperative, opening an 8,500 sq ft retail grocery store in Providence RI in 2019, which currently has over 2,000 member-owners
- Acted as Volunteer Coordinator, Local Food Order Coordinator, Urban Greens Buying Club, 2004-2009

Hill Orchards, Red Planet Vegetables & Super Chilly Farm, Volunteer/Work Trade - 2004 – 2020

- Work planting, cultivating, harvesting, pruning and end-sales on several small-scale farms and orchards in RI and ME.

Manton Ave Community Garden & Bridgham Street Garden, Co-founder/Gardner - 2005 – 2009

- Worked, in collaboration with neighborhood associations, nonprofits and community members to start two community gardens in the Olneyville and West End neighborhoods of Providence.
- Built raised beds, signs, fences, organized youth gardening programming, crafted garden guidelines and structures, and participated as a gardener.

Dirt Palace Art Collective, Artist in Residence - 2004 – 2006

- Participated in running a window gallery, library, and multiple studio facilities housed in the Dirt Palace; conducted physical maintenance and improvement on space, served as Dirt Palace representative to the Olneyville Neighborhood Collaborative.

EDUCATION:

2005 **Brown University,** Providence, RI. *A.B., Art Semiotics*. (Courses in Film, Culture & Visual Media Theory, and Video Production. Minor fields: American Studies, Environmental Literature.)

2003 **University College Cork,** Cork, Ireland. Study Abroad. (Courses in Film History & Theory and Irish Studies.)

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EXPERIENCE

The Nature Conservancy — **Director Climate and Cities Programs / Providence Metro Program Manager**
Providence, R.I. — April 2016 – present

- Lead programs to position the State of Rhode Island to address climate change through ambitious greenhouse gas reduction policies, facilitating rapid deployment of properly sited renewable energy, and increasing the use of nature-based strategies to improve resilience. Through fundraising and contract partnerships, grew the staff of one to now 4.5 FTEs for climate and energy policy, municipal resilience, and climate justice.
- Oversee The Nature Conservancy's Rhode Island urban environmental program to develop and implement nature-based solutions to address environmental challenges and promote social equity.
- Coordinate state and federal government relations to promote public policy and funding to achieve conservation results.
- Administration and coordination of the PVD Tree Plan process to develop community-led strategies for tree equity in Providence. Raised $280,000 budget from private philanthropy to support engaging community members and consultants over a 2-year period.
- Founding member of the Providence Stormwater Innovation Center to showcase natural stormwater solutions, elevate the industry community of practice across public and private sectors.
- As a founding partner of Climate Jobs Rhode Island, helped develop the framework to unite environmental and labor leaders to accelerate state action on climate change and build a just transition to our clean energy future.
- As Chair of the state Executive Climate Change Coordinating Council Advisory Board, develop recommendations for a state climate dashboard and gather community feedback on the state's climate justice priorities.
- Co-facilitated Urban Sustainability Directors Network Equity Foundations training for 42 Rhode Island environmental advocates.

City of Providence — **Director of Policy / Acting Director of Policy**
Providence, R.I. — April 2014 – March 2016

- Tracked policy at the local, state and federal level and executed programs to advance the Mayor's positions related to education, economic development, health, financial management, housing, sustainability, and public safety.
- Supervised the Office of Healthy Communities, the Director of Intergovernmental Affairs, the Office of Sustainability, the Director of Partnerships and Development, and policy office staff and coordinated cross-departmental Policy Team.
- Successfully managed the grant proposal and site visit for the National Resource Network to earn their second largest technical assistance grant of $225,000 to engage stakeholders in developing a ten-year financial model for City finances.
- Managed research and preparation for, community leader participation in, and reports from the Summer Learning Task Force, Career and Technical Education Task Force, and the Mayor's Advisory Council to Reduce Gun Violence
- Coordinated consultants for and City participation in the Upper Narragansett Bay Regional Stormwater Management District Feasibility Study across two administrations.

City of Providence — **Director of Sustainability**
Providence, R.I. — December 2011 – January 2015

- Coordinated grant proposals generating $325,000 and launched the feasibility study for six municipalities in the Upper Narragansett Bay region to develop a regional solution to funding and managing stormwater.
- Coordinated programs to analyze the City's energy expenses and reduce consumption through efficiency and other cost saving measures and initiated feasibility studies for renewable energy on City-owned properties.
- Engaged City employees and more than 100 community leaders in the creation of Providence's first comprehensive sustainability action plan, Sustainable Providence, with goals and metrics for energy, food, water, waste, land use and transportation.
- Developed and implemented communication, education, enforcement, and infrastructure strategies to transition Providence residents to the new RecycleTogether program.
- In response to community-identified need, developed Lots of Hope urban agriculture program to lease City-owned properties to farmers and build an urban greenhouse to extend the growing season.

- Developed and implemented the Providence Composts! pilot project for residential food waste composting for 105 families.
- Coordinated across departments to prepare for the purchase and retrofit of 17,000 streetlights to reduce City energy consumption and costs by $2 million per year.

Clean Water Action — **New England Co-director / Rhode Island Director**
Providence, R.I. — December 2000 – November 2011

- Directed New England programs and projects including supervising staff and developing and managing budgets.
- Cultivated new donors, wrote grant proposals and direct mail appeals, and organized events to raise $175,000 toward annual budget for Rhode Island office. Raised additional funds to support solid waste campaigns in Connecticut and Massachusetts.
- Raised over $500,000 in grants while coordinating the New England Zero Mercury Campaign. The Rhode Island campaign won first-in-the-nation policies to phase out products that contain mercury. New England state legislation to restrict the sale of mercury-containing products prevented 14 tons of mercury from entering the environment from 2000-2006.
- As Multi-state Mercury Products Campaign coordinator, developed grant proposals and reports and provided campaign support for 20 state campaigns to phase out the sale of mercury containing products and promote their collection and recycling.
- Provided campaign materials and policy development for states promoting e-waste producer responsibility laws as policy co-chair of the national Electronics TakeBack Campaign.
- Coordinated campaign plans to promote sustainable transportation funding as co-chair of the Rhode Island Coalition for Transportation Choices, an alliance of 47 environment, public health, labor, business, senior and youth organizations.
- Coordinated the 17 Rhode Island member organizations of the Coalition for Water Security to campaign for successful passage of the Water Use and Efficiency Act of 2009.
- As coordinator of the Rhode Island Climate Coalition, built grassroots and business support for the Renewable Energy Standard Act passed in 2004.
- Assisted strategy development and implementation for the community-based Lead Pipe Initiative to prevent exposure to lead in drinking water by stopping the Providence Water Supply Board's partial replacement of lead service lines and encouraging the full replacement of lead pipes.

Peace Action — **Organizing Director / Field Director / Field Organizer**
Washington, D.C. — April 1997 – November 2000

- Designed and implemented national and regional campaign and organizational development trainings for campaigns and coordinated national strategy meetings for local organizers from 27 states.
- Mobilized state affiliates to engage in national campaigns and coordinated media strategy to increase national visibility.
- Oversaw telephone membership outreach program generating $280,000 in revenue, supervised 97,000-piece direct mail membership renewal and acquisition program, launched door-to-door membership canvass operation generating 1,400 new members, and designed membership newsletter with circulation of 30,000 and other campaign materials.
- Participated in management team to coordinate all national office functions.
- Participated in development of national office gender caucus to promote women's leadership and gender justice.

Physicians for Social Responsibility / Maine Chapter — **Executive Director**
Portland, ME — June 1993 – April 1997

- Coordinated media events and materials for nuclear disarmament and domestic violence prevention programs.
- Coordinated annual giving and membership renewal program, maintained membership database, and wrote and published newsletter.

Peace Action Maine — **Interim Director / Program Director / Associate Director**
Portland, ME — June 1993 – April 1997

- Coordinated statewide activist skills trainings for network of 75 volunteers; supervised Peace Voter campaign staff.
- Oversaw writing, production, and distribution of newsletter, brochures, and outreach materials, and coordinated media releases.
- Managed membership renewal and recruitment programs and developed annual budget plans with committee chairs and implemented major donor fundraising program to increase annual budget by 15%.

Connecticut Public Interest Research Group **Citizen Outreach Director**
Hartford, CT May 1990 – September 1991

- Coordinated fundraising, advocacy and public education drive for the National Campaign Against Toxics.
- Managed three assistant directors to recruit and train a citizen outreach staff of up to 60 people, and planned and implemented letter writing campaigns and petition drives in key legislative districts.

EDUCATION AND FELLOWSHIPS

- The Nature Conservancy Leadership Development Program, Cambridge University, Judge School of Business, April-June 2022
- Certified Climate Change Professional training, Association of Climate Change Officers, Fall 2021
- Racial Equity Leadership Lab, The Nature Conservancy, Winter 2018-2019
- Awarded a certificate of completion for the Applying Behavioral Insights to the Design of Public Policy program, October-November 2018, John F. Kennedy School of Government at Harvard University, Executive Education
- Undoing Racism Workshop, People's Institute for Survival and Beyond, December 2017
- Rhode Island Institute for Design and Public Policy at the Rhode Island School of Design, August 2016
- Awarded a certificate of completion for the Creating Collaborative Solutions: Innovations in Governance Program, October 2014, Harvard University, John F. Kennedy School of Government, Executive Education
- The Initiative for Nonprofit Excellence at the Rhode Island Foundation fellowship program, 2011
- Whole Thinking Fellowship, Center for Whole Communities, 2009
- Community Leadership Institute, University of Southern Maine, 1993
- Graduated cum laude from Southern Connecticut State University with a B.S. in Special Education, 1988

AWARDS

- Achievement Award, New England Women in Energy and Environment, 2021
- Earth Day Champion Award, Clean Water Action and Ocean State Action, 2012
- Alison J. Walsh Award for Environmental Advocacy, Save The Bay, 2010
- U.S. Environmental Protection Agency Individual Merit Award for work to prevent mercury pollution, 2008

BOARDS AND COMMITTEES

State of Rhode Island Executive Climate Change Coordinating Council Advisory Board Chair, 2015 – 2016, 2020 – present
State of Rhode Island Distributed Generation Board Board Member, 2014 – present
Climate Jobs Rhode Island, Steering Committee Member, 2021 – present
Providence Neighborhood Planting Program Board Member, 2019 – present
Planned Parenthood of Southern New England Board Member, 2020 – present
Planned Parenthood Votes! RI Board Member, 2018 – present
Rhode Island Clean Water Action Advisory Committee Member, 2012 – present
The Providence Plan Executive Governance Committee and Board Member, 2013 – 2016
New England Grassroots Environment Fund Board Member, 2013 – 2015
New England Municipal Sustainability Network Steering Committee Member, 2011 – 2015
Rhode Island Resource Recovery Corporation Commissioner, 2011 – 2014
Providence Housing Authority Commissioner, 2012
Transition Providence Environment Committee Co-chair, 2010
Environment Rhode Island Research and Policy Center Board Member, 2008 – 2013
Ocean State Action Fund Board President, 2008 – 2011
Providence Environmental Sustainability Task Force Vice Chair, 2007 – 2011
Governor's Mercury Education and Reduction Commission Chair Subgroup on Auto Mercury, 2005 – 2006
Environment Council of Rhode Island President, 2003 – 2006

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WORK HISTORY

City Forester and Director of the Forestry Division *June 2022 – Present*

City of Providence, Rhode Island

- Manages the Forestry Division within the City's Parks Department, and guides the vision, protection, and expansion of the urban forest to promote public health, environmental equity and sustainability, and quality of life.
- Manages an inventory of over 27,400 trees, 13 union tree workers, a fleet of 15 vehicles/equipment, annual budget of over $1.2 million, $500,000 in annual contractor tree maintenance and planting.
- Establishes citywide tree policy, enforces ordinance regulations, establishes tree management priorities and best practices.
- Works directly with other City department personnel, elected officials, not-for-profit organizations, community groups, and State and Federal agencies on tree issues and work that support the City's forestry program.
- Reviews development plans with other City Departments for conformance with the City Code of Ordinances.
- Enforces the public tree regulations contained in the City Code of Ordinances. Includes inspection and approval for the removal of "significant trees" on private property.
- Leads tree-related emergency storm efforts and manages in-house and contractor crews during storm events. Works with Parks Department Directors and other City officials on storm preparedness and response.
- Determines training needs for Forestry Division personnel and schedules trainings to promote staff development, best practices, and crew safety.
- Prepares specifications and bids for contract work related to City trees; manages, inspects, and approves contractor work; and processes contractor invoices. Includes contracts for tree planting, block pruning, young tree maintenance, emergency storm work, and treatment for pests/diseases.
- Coordinates with local utilities on tree pruning standards, work scheduling, and public awareness.
- Manages tree inventory using Davey Resource Group TreeKeeper and collaborates with other divisions to schedule work orders with Asset Essentials.

Research and Teaching Assistantship *January 2020 – May 2022*

University of Massachusetts Amherst, Department of Environmental Conservation, Amherst, Massachusetts

- Research: UMass Urban Forestry Lab research assistant
- Teaching: Natural Resource Conservation Human Dimensions of Natural Resources course 2020, 2021, 2022

Arborist *April 2015 – April 2017*

City of Richmond Department of Public Works, Forestry Division, Richmond, Virginia

- Managed an inventory of over 65,000 trees, 120,000 planting locations, 8 tree workers, a fleet of 30 vehicles/equipment, annual budget of over $3.5 million, $1.2 million in annual contractor tree maintenance and planting.
- Coordinated tree maintenance and plantings with Richmond Tree Stewards volunteers.
- Maintained Davey Resource Tree Keeper inventory of street trees.
- Approved tree maintenance and planting permits; reviewed plans for new development within the city; consulted on all aspects of trees to city agencies.
- Served as city liaison for community volunteer service day projects.

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- Wrote and managed a $5,600 grant to the VA Department of Forestry for tree planting at a city elementary school that had fallen into disrepair - fall 2015.

Project Manager *May 2014 – April 2015*

Messer Contracting, Glen Allen, Virginia

- Managed installation of commercial and government landscape, hardscape, and irrigation systems.
- Managed a staff of 6-10 employees.

Consulting Arborist and Plant Health Care Manager *April 2012 – May 2014*

Arborscapes LLC, Richmond, Virginia

- Managed the Plant Health Care Department which annually grossed $400,000+.
- Trained and scheduled seasonally appropriate arboriculture tasks for 15 staff, consisting of both ISA Certified Arborists and VNLA Certified Horticulturists.
- Consulted with residential and commercial clientele on tree and shrub health and structure, offering treatment options to maintain plant health.
- Maintained treatment and service records in ArborGold database software.
- Managed purchasing of pesticides and equipment.
- Regularly presented lectures on horticulture and arboriculture related topics for professional and public audiences of all ages.
- Managed contracts and relationships with service providers such as stump grinding, crane work, traffic control, Dominion power, Miss Utility, and wholesale nurseries.

Integrated Pest Management Technician *March 2010 – April 2012*

Bartlett Tree Experts, Springfield, Virginia

- Responsible for monitoring, evaluating, and providing plant health care needs for clients' property using sustainable integrated pest management techniques.
- Performed all required ground and climbing duties of pruning and removing trees and shrubs for health and structure.

Committee Clerk *December 2009 – March 2010*

Virginia House of Delegates, Richmond, Virginia

- Served as Committee Clerk for Commerce and Labor, Finance, Science and Technology, Health, Welfare and Institutions, and Counties, Cities, and Towns.
- Worked with Committee Chairman to prepare meeting dockets.
- Performed general administrative work such as preparing dockets for committee members and providing necessary materials for committee meetings.
- Responsible for ensuring all constitutional, statutory, and policy requirements were followed while Delegates were in committee.

Maintenance and Operations Technician *June 2008 – December 2009*

Parks and Recreation, Mecklenburg, North Carolina

- Maintained positive public contact- addressed questions about the parks, greenways and its plants and animals.
- Built and repaired trails, bridges and related greenway infrastructure.
- Pruned and removed dead or declining trees.

Arborist *April 2005 – June 2008*

North Carolina Zoological Park, Asheboro, North Carolina

- Planted, climbed, removed, and pruned trees according to industry standards.
- Utilized integrated pest management techniques for plant health care.
- Managed tree database records.

Horticulturist *March 2004 – April 2005*

North Carolina Zoological Park, Asheboro, North Carolina

- Managed North American continent zone of property; including planting, weeding, pruning, watering, fertilizing.
- Designed and installed landscapes including native plant collections and Sonoran Desert plant collections.
- Instructed Environmental Science high school classes in outdoor laboratory exercises to study forest health on zoo property.

Arborist *June 2003 – February 2004*

Tech Tree Experts, Blacksburg, Virginia

- Managed ground tasks involved in the pruning and removal of trees.
- Pruned trees to improve their health and structure.

Landscape Assistant *May 2002 – September 2002*

Montgomery County Parks and Recreation, Montgomery, Virginia

- Maintained turf in county parks and facilities.
- Chalked baseball fields.

Student Intern *May 2001 – August 2001*

Marie Selby Botanical Garden, Sarasota, Florida

- Led programs for Environmental Science high school classes.
- Studied plants and landscape design.
- Maintained landscapes; including planting, weeding, pruning, watering, fertilizing.
- Maintained tropical plants, orchids, and other epiphyte collections; including repotting, watering, and staging blooming plants for display house.

Nursery Assistant *April 2000 – August 2000*

Watkins Nursery, Chesterfield, Virginia

- Structurally pruned young nursery trees.
- Propagated and planted nursery stock.
- Maintained greenhouse plants; including transplanting, watering, weeding, and fertilizing.
- Installed main line irrigation systems for field grown nursery operation.

EDUCATION

Master of Science, University of Massachusetts, Amherst *Expected Graduation 2022*

Amherst, Massachusetts

- Major: Environmental Conservation
- Focus: Forest Resources and Arboriculture
- Thesis: Exploring Urban Forestry Non-Governmental Organizations in the Temperate Forest Region of the United States

Bachelor of Science, University of Massachusetts, Amherst *Graduated 2020*

Amherst, Massachusetts

- Major: Natural Resource Conservation
- Focus: Urban Forestry and Arboriculture

Municipal Forestry Institute, Society of Municipal Arborists *Graduated 2017*

- Leadership and managerial aspects of urban forestry
- Leadership and management tools of program administration, coalition building, strategic thinking, program planning, and public relations

Associate of Agriculture, Virginia Polytechnic and State University *Graduated 2002*

Blacksburg, Virginia

- Major: Agricultural Technology
- Focus: Landscape Design and Turfgrass Management

PUBLICATIONS

Ex. 6 Personal Privacy (PP) 2020. The Worcester Tree Initiative: A Community NGO at the Center of Reclaiming an Urban Forest. *Arborist News*, 29(4):34-37.

Ex. 6 Personal Privacy (PP) 2020. The Worcester Tree Initiative: A Community NGO at the Center of Reclaiming an Urban Forest. *The Citizen Forester*; MA DCR, Oct.-2020, No.243: 1-4.

Ex. 6 Personal Privacy (PP) 2022. Volunteer engagement in urban forestry in the United States: Reviewing the literature. *Arboricultural Journal*, 44: 1-24.

Ex. 6 Personal Privacy (PP) 2002. Exploring urban forestry non-governmental organizations (NGOs) in the Eastern United States. *Arboricultural Journal*, 44: 1-18.

AWARDS AND MEMBERSHIPS

- UMass Amherst Deans List Spring 2018 & 2019
- Xi Sigma Pi International Honor Society for Forestry, Member *2019 – Present*
- Massachusetts Arborist Association, Member *2019*
- New England International Society of Arborists, Member *2018 – Present*

PROFESSIONAL CERTIFICATIONS AND LICENSES

- ISA Certified Arborist # Ex. 6 Personal Privacy (PP) *2003-present*
- Licensed Rhode Island Arborist *2022-present*
- Virginia Pesticide Applicator License 3A, 6 *2004 – 2017*
- Virginia Nursery and Landscape Association Certified Horticulturist *2013 – 2017*
- Emerging Leadership Training- City of Richmond *2017*

VOLUNTEER SERVICE

- Worcester, MA Urban Forest Tree Committee- District 5 representative *2021- present*
- Tower Hill Botanic Garden, Worcester Tree Initiative Master Tree Stewards Certificate Lecture: "Pests of the Urban Forest" *2018*
- Leadership role in Dave Tate Arbor Day of Service *2014-2016*
- Organized and implemented volunteer arborist services for Pocahontas State Park in September 2013. http://www.virginiaoutdoors.com/article/more/4597

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Providence, RI 02909
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Founding Director

Results focused, quality driven professional with extensive training in exceptional communication, demonstrating consistent achievement of objectives, strong multi-tasking, service skills, and dedication to organizational goals.

Core knowledge and Skills Areas:

- Facilitation
- Outdoor Leader/ Advocate for green spaces
- Communicates effectively orally and in writing
- Fluent in American Sign Language and Spanish
- Train and mentor colleagues and employees
- Curriculum and Program Development
- Develop and implement strategies
- Mindfulness - Fostering self-awareness

Education

Master in Science in Rehabilitation Science
California University of Pennsylvania July 2014

Bachelor of Science in Exercise Physiology
University of Massachusetts - Boston Massachusetts 2003

Associate in Science in Physical Therapy Assistance
Becker College - Worcester Massachusetts 1997

Professional Experience

Movement Education Outdoors

Founder, Executive Director **September 2018 -current**

Attention to detail, strong collaborative skills, integrous

- Planning and operation of project budget
- Establishing procedures for all functions and for the day-to-day operation of the organization
- Establish and maintain relationships with various organizations throughout the state and utilize those relationships to strategically enhance MEO's Mission
- Oversee marketing and other communications efforts including encouraging participation via newsletters, social media, and other means to stimulate program interest
- Review and approve contracts for services
- Supervise and works with other volunteers as a team member to plan, organize, develop, schedule, run and evaluate programs and specials events including but not limited to: Outdoor experiences, Environmental Education programs, multiple special events, and other programs
- Provides support for overall comprehensive outdoor activities program for children, family, and adult populations
- Provide Lead facilitation on Outdoor activities including mindfulness and is a primary contact for clients and staff on day of event

Roger Williams University/ School of Continuing Studies – Providence RI

Admission Counselor **October 2016 –September 2018**

Positive energy, exceptional communication skills, creativity, and enthusiasm

- Initiates contact with prospective students, parents, counselors and communicates specifics about academic programs
- Encourages prospective students to apply and attend: explains the admissions and financial aid process
- Visits and provide information session to prospective high school students and community-based organizations
- Develops and implements specific recruitment projects and management tasks as assigned
- Telephones and or e-mails prospective students, exhibiting a consistent effort to contact them
- Maintains a steady flow of communication with prospective students via e-mail, social media and phone calls
- Provide employment and job market statistics to prospective students
- Assist students in identifying their personal and professional goals through a tailored enrollment coaching that aligns to student career and professional goals

Restore Fitness – Providence, RI

Founder- Owner In-Home Personal Trainer **June 2015 – October 2016**

Good interpersonal skills, works well with others, motivates and encourages

- Created promotional materials to advertise and promote growth
- Developed and maintained an evening community boot camp for donations to go towards LGBTQ homeless adults
- Fitness assessments including functional movement, strength, flexibility and cardiovascular functions
- Developed an exercise program for the participant based on fitness assessment results and the participant's personal goals
- Instructed participants one-on-one using safe and proper techniques
- Conducted follow-up phone calls and follow-up fitness assessments
- Maintained appropriate records, inventories, reports and information
- Manage payroll, office procedures and administrative tasks, established contacts with new client

Momentum Fitness- Providence RI

Personal Trainer/ Health coach **August 2012 - July 2015**

Results driven, logical and methodical approach to achieving task and objectives

- Fitness assessments including body fat composition, strength, flexibility and cardiovascular functions
- Developed an exercise program for the participant based on fitness assessment results and the participant's personal goals
- Instructed participants one-on-one using safe and proper techniques
- Conducted follow-up phone calls and follow-up fitness assessments
- Maintained appropriate records, inventories, reports and information

Military Experience- Fort Devens MA

Army Reserve 94th Infantry Division **June 1989- July 1996**

76 Papa Accounting and Inventory Specialist E-4

- Stock control and accounting specialist processes the diskettes and print a materiel release order for repair parts
- Establishes and maintains stock records and other documents such as inventory, materiel control, accounting and supply reports
- Establishes and maintains automated and manual accounting records, posts receipts and turn-ins
- Performs dues-ins and dues-outs accounting

Professional Development

- Trauma Informed Mindfulness Holistic Life Foundation 2019
- Mindful Schools Training 2018
- Radical Dharma Workshop 2018
- Outdoor Leadership Training with YOP/AMC 2018
- Army Leadership Training 1995
- Executive Director Learning Circle – UWRI 2020
- Capacity Building Cohort RI Foundation 2022-present

Certifications

- Wilderness Training CPR and first aid 2018
- Girls Circle Facilitator -One Circle Foundation 2019
- Licensed Physical Therapist Assistant 1997
- Massage Therapist 1992

IRS Department of the Treasury
Internal Revenue Service

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NATURE CONSERVANCY
% LEGAL CORPORATE SERVICES
4245 NORTH FAIRFAX DRIVE
ARLINGTON VA 22203-1637

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CUT OUT AND RETURN THE VOUCHER IMMEDIATELY BELOW IF YOU ONLY HAVE AN INQUIRY.
DO NOT USE IF YOU ARE MAKING A PAYMENT.

CUT OUT AND RETURN THE VOUCHER AT THE BOTTOM OF THIS PAGE IF YOU ARE MAKING A PAYMENT, EVEN IF YOU ALSO HAVE AN INQUIRY.

The IRS address must appear in the window.

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Use for inquiries only

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Letter Date : 2021-03-16
Tax Period : 000000

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NATURE CONSERVANCY
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ARLINGTON VA 22203-1637

INTERNAL REVENUE SERVICE

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Use for payments

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Letter Date : 2021-03-16
Tax Period : 000000

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NATURE CONSERVANCY
% LEGAL CORPORATE SERVICES
4245 NORTH FAIRFAX DRIVE
ARLINGTON VA 22203-1637

INTERNAL REVENUE SERVICE

KANSAS CITY MO 64999-0204

530242652 CW NATU 00 2 000000 670 00000000000

IRS Department of the Treasury
Internal Revenue Service

ATLANTA GA 39901-0001

In reply refer to: 0752453551
Mar. 16, 2021 LTR 4168C 0
53-0242652 000000 00
00021037
BODC: TE

NATURE CONSERVANCY
% LEGAL CORPORATE SERVICES
4245 NORTH FAIRFAX DRIVE
ARLINGTON VA 22203-1637

008438

Employer ID number: 53-0242652
Form 990 required: Yes

Dear Taxpayer:

We're responding to your request dated Mar. 05, 2021, about your tax-exempt status.

We issued you a determination letter in March 1954, recognizing you as tax-exempt under Internal Revenue Code (IRC) Section 501(c)(3).

We also show you're not a private foundation as defined under IRC Section 509(a) because you're described in IRC Sections 509(a)(1) and 170(b)(1)(A)(vi).

Donors can deduct contributions they make to you as provided in IRC Section 170. You're also qualified to receive tax deductible bequests, legacies, devises, transfers, or gifts under IRC Sections 2055, 2106, and 2522.

In the heading of this letter, we indicated whether you must file an annual information return. If you're required to file a return, you must file one of the following by the 15th day of the 5th month after the end of your annual accounting period:

- Form 990, Return of Organization Exempt From Income Tax
- Form 990EZ, Short Form Return of Organization Exempt From Income Tax
- Form 990-N, Electronic Notice (e-Postcard) for Tax-Exempt Organizations Not Required to File Form 990 or Form 990-EZ
- Form 990-PF, Return of Private Foundation or Section 4947(a)(1) Trust Treated as Private Foundation

According to IRC Section 6033(j), if you don't file a required annual information return or notice for 3 consecutive years, we'll revoke your tax-exempt status on the due date of the 3rd required return or notice.

You can get IRS forms or publications you need from our website at www.irs.gov/forms-pubs or by calling Ex. 6 Personal Privacy (PP) Ex. 6 - Personal Privacy (PP)

If you have questions, call Ex. 6 - Personal Privacy (PP) between 8 a.m. and 5 p.m.,

0752453551
Mar. 16, 2021 LTR 4168C 0
53-0242652 000000 00
00021038

NATURE CONSERVANCY
% LEGAL CORPORATE SERVICES
4245 NORTH FAIRFAX DRIVE
ARLINGTON VA 22203-1637

local time, Monday through Friday (Alaska and Hawaii follow Pacific time).

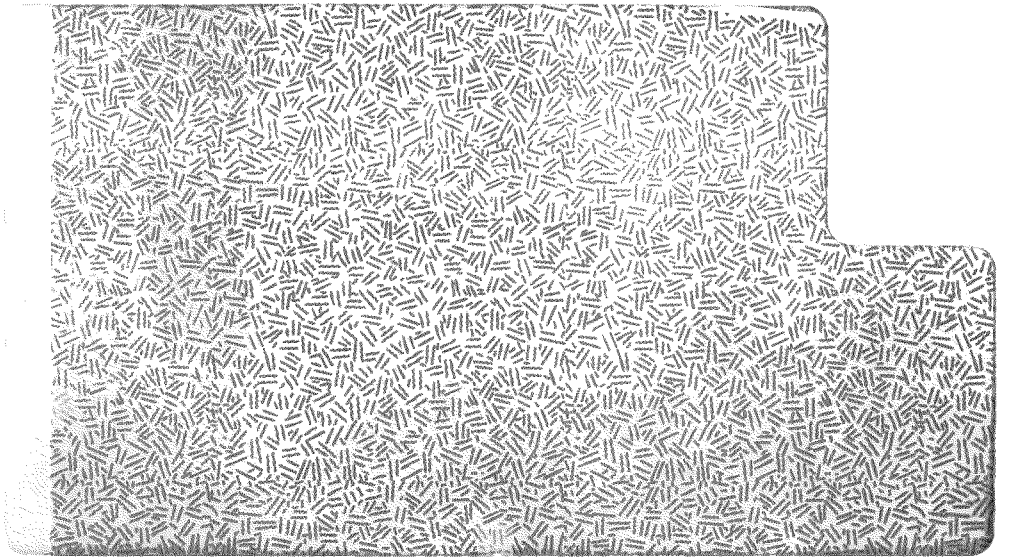
Thank you for your cooperation.

Sincerely yours,

Teri M. Johnson
Operations Manager, AM Ops. 3

Official Business
Penalty for Private Use, $300

PRESORTED
FIRST-CLASS MAIL
POSTAGE AND FEES PAID
IRS
PERMIT NO. G-48



DocuSign Envelope ID: 046AA751-08AA-4EC5-9921-CED5C3AEDC40

United States Department of the Interior

OFFICE OF THE SECRETARY
Washington, DC 20240

Nonprofit Organization
Indirect Cost Negotiation Agreement

EIN: 53-0242652

Date: 07/11/2022

Organization:

The Nature Conservancy
4245 North Fairfax Drive, Suite 100
Arlington, VA 22203

Report Number: 2022-0240

Filing Ref.:
Last Negotiation Agreement
dated: 05/10/2021

The indirect cost rates contained herein are for use on grants, contracts, and other agreements with the Federal Government to which Public Law 93-638 and/or 2 CFR Part 200 apply subject to the limitations contained in Section II.A. of this agreement. The rates were negotiated by the U.S. Department of the Interior, Interior Business Center, and the subject organization in accordance with the authority contained in applicable regulations.

Section I: Rate

Start Date	End Date	Rate Type	Name	Rate	Base	Location	Applicable To
07/01/2022	06/30/2023	Fixed Carryforward	Indirect	22.40 %	(A)	All	All Programs
			Fringe Benefits	44.75 %	(B)	All	Regular Salaries
			Fringe Benefits	13.00 %	(C)	All	Short-Term Salaries
			Fringe Benefits	13.25 %	(D)	All	Foreign Salaries

(A) Base: Total direct costs, less external transfers and the value of land sold or donated to government agencies and other conservation organizations. Equipment costs valued between $5,000 and $50,000 are included in the base limited to the first year of capitalization. **All subawards, regardless of dollar amount, are included in the direct cost base for purposes of computing the indirect cost rate.**

(B) Base: Total salaries and wages for regular employees.

(C) Base: Total salaries and wages for short-term employees.

(D) Base: Total salaries and wages for foreign employees.

Note: The foreign salaries fringe benefit rates refer to benefits that are paid centrally by The Nature Conservancy's (TNC) headquarters. Additional benefits are paid locally by TNC's foreign locations which are charged directly to government awards

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Section I: Rate (continued)

Treatment of fringe benefits: Fringe benefits applicable to direct salaries and wages are treated as direct costs; fringe benefits applicable to indirect salaries and wages are treated as indirect costs.

Treatment of paid absences: (a) For employees paid on TNC's U.S. payroll, the costs of vacation, holiday and sick leave pay are included in the organization's fringe benefit rate and are not included in the direct costs of salaries and wages. Claims for direct salaries and wages must exclude those amounts paid or accrued to employees for periods when they are on vacation, holiday or sick leave. Other paid absences are billed directly. (b) For employees paid on local payrolls in other country programs, paid absences are billed directly.

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Section II: General

A. **Limitations:** Use of the rate(s) contained in this agreement is subject to any applicable statutory limitations. Acceptance of the rate(s) agreed to herein is predicated upon these conditions: (1) no costs other than those incurred by the subject organization were included in its indirect cost rate proposal, (2) all such costs are the legal obligations of the grantee/contractor, (3) similar types of costs have been accorded consistent treatment, and (4) the same costs that have been treated as indirect costs have not been claimed as direct costs (for example, supplies can be charged directly to a program or activity as long as these costs are not part of the supply costs included in the indirect cost pool for central administration).

B. **Audit:** All costs (direct and indirect, federal and non-federal) are subject to audit. Adjustments to amounts resulting from audit of the cost allocation plan or indirect cost rate proposal upon which the negotiation of this agreement was based will be compensated for in a subsequent negotiation.

C. **Changes:** The rate(s) contained in this agreement are based on the accounting system in effect at the time the proposal was submitted. Changes in the method of accounting for costs which affect the amount of reimbursement resulting from use of the rate(s) in this agreement may require the prior approval of the cognizant agency. Failure to obtain such approval may result in subsequent audit disallowance.

D. **Rate Type:**

1. Fixed Carryforward Rate: The fixed carryforward rate is based on an estimate of the costs that will be incurred during the period for which the rate applies. When the actual costs for such period have been determined, an adjustment will be made to the rate for a future period, if necessary, to compensate for the difference between the costs used to establish the fixed rate and the actual costs.

2. Provisional/Final Rate: Within six (6) months after year end, a final indirect cost rate proposal must be submitted based on actual costs. Billings and charges to contracts and grants must be adjusted if the final rate varies from the provisional rate. If the final rate is greater than the provisional rate and there are no funds available to cover the additional indirect costs, the organization may not recover all indirect costs. Conversely, if the final rate is less than the provisional rate, the organization will be required to pay back the difference to the funding agency.

3. Predetermined Rate: A predetermined rate is an indirect cost rate applicable to a specified current or future period, usually the organization's fiscal year. The rate is based on an estimate of the costs to be incurred during the period. A predetermined rate is not subject to adjustment.

E. **Rate Extension:** Only final and predetermined rates may be eligible for consideration of rate extensions. Requests for rate extensions of a current rate will be reviewed on a case-by-case basis. If an extension is granted, the non-Federal entity may not request a rate review until the extension period ends. In the last year of a rate extension period, the non-Federal entity must submit a new rate proposal for the next fiscal period.

F. **Agency Notification:** Copies of this document may be provided to other federal offices as a means of notifying them of the agreement contained herein.

G. **Record Keeping:** Organizations must maintain accounting records that demonstrate that each type of cost has been treated consistently either as a direct cost or an indirect cost. Records pertaining to the costs of program administration, such as salaries, travel, and related costs, should be kept on an annual basis.

H. **Reimbursement Ceilings:** Grantee/contractor program agreements providing for ceilings on indirect cost rates or reimbursement amounts are subject to the ceilings stipulated in the contract or grant agreements. If the ceiling rate is higher than the negotiated rate in Section I of this agreement, the negotiated rate will be used to determine the maximum allowable indirect cost.

I. **Use of Other Rates:** If any federal programs are reimbursing indirect costs to this grantee/contractor by a measure other than the approved rate(s) in this agreement, the grantee/contractor should credit such costs to the

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affected programs, and the approved rate(s) should be used to identify the maximum amount of indirect cost allocable to these programs.

J. **Other:**

1. The purpose of an indirect cost rate is to facilitate the allocation and billing of indirect costs. Approval of the indirect cost rate does not mean that an organization can recover more than the actual costs of a particular program or activity.

2. Programs received or initiated by the organization subsequent to the negotiation of this agreement are subject to the approved indirect cost rate(s) if the programs receive administrative support from the indirect cost pool. It should be noted that this could result in an adjustment to a future rate.

3. This Negotiation Agreement is entered into under the terms of an Interagency Agreement between the U.S. Department of the Interior and the cognizant agency. No presumption of federal cognizance over audits or indirect cost negotiations arises as a result of this Agreement.

4. Organizations that have previously established indirect cost rates—exclusive of the 10% *de minimis* rate—must submit a new indirect cost proposal to the cognizant agency for indirect costs within six (6) months after the close of each fiscal year.

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Section III: Acceptance

Listed below are the signatures of acceptance for this agreement:

By the Nonprofit Organization	By the Cognizant Federal Government Agency
The Nature Conservancy	US Department of the Interior - FWS
DocuSigned by: Laura Travis DB33DAEDD566415...	DocuSigned by: Craig Wills B47DB1F4A5DB4BF...
Signature	Signature
Laura Travis	Craig Wills
Name:	Name:
Director, Grants Services Network	Division Chief Indirect Cost & Contract Audit Division Interior Business Center
Title:	Title:
7/18/2022	7/15/2022
Date	Date

Negotiated by: Marilyn Elgar
Telephone: Ex. 6 - Personal Privacy (PP)

Next Proposal Due Date: 12/31/2022

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The Nature Conservancy **Supplement 1**
FY 2021 Carryforward and FY 2023 Rate Computation
Indirect Cost Rate

Title/Description	Year Ending Amounts
FY 2021 Direct Cost Base	$601,973,602
FY 2021 Indirect Cost Rate	23.50%
FY 2021 Recoverable Indirect Costs	$141,463,796
FY 2021 Indirect Costs	$146,147,414
FY 2019 Under(Over)recovery Carryforward to FY 2021	(9,422,073)
FY 2021 Indirect Cost Pool	136,725,341
Less: FY 2021 Recoverable Indirect Costs	(141,463,796)
FY 2021 Under(Over)recovery Carryforward to FY 2023	(4,738,455)
FY 2023 Indirect Costs	140,147,414
FY 2023 Indirect Cost Pool	$135,408,959
FY 2023 Direct Cost Base	$601,973,602
FY 2023 Computed Indirect Cost Rate	22.49%
FY 2023 Requested Indirect Cost Rate	22.40%

DocuSign Envelope ID: 046AA751-08AA-4EC5-9921-CED5C3AEDC40

The Nature Conservancy
FY 2021 Carryforward and FY 2023 Rate Computation
Fringe Benefit Rates

Supplement 2

Title/Description	Regular Employees	Short-Term Employees	Foreign Employees
FY 2021 Total Salaries Bases	$254,088,772	$2,436,269	$32,944,720
FY 2021 Fringe Benefit Rates	43.00%	12.00%	15.00%
FY 2021 Recoverable Fringe Benefits	$109,258,172	$292,352	$4,941,708
FY 2021 Fringe Benefits	$113,814,089	$319,368	$4,655,290
FY 2019 Under(Over)recovery Carryforwards to FY 2021	0	0	29,917
FY 2021 Fringe Benefit Pools	113,814,089	319,368	4,685,207
Less: FY 2021 Recoverable Fringe Benefits	(109,258,172)	(292,352)	(4,941,708)
FY 2021 Under(Over)recovery Carryforwards to FY 2023	4,555,917	27,016	(256,501)
FY 2021 Under(Over)recovery Carryforwards to FY 2023	(4,555,917)	(27,016)	0
Accepted FY 2021 Under(Over)recovery Carryforwards to FY	0	0	(256,501)
FY 2023 Fringe Benefits	113,814,089	319,368	4,655,290
FY 2023 Fringe Benefit Pools	$113,814,089	$319,368	$4,398,789
FY 2023 Total Salaries Bases	$254,088,772	$2,436,269	$32,944,720
FY 2023 Computed Fringe Benefit Rates	44.79%	13.11%	13.35%
FY 2023 Requested Fringe Benefit Rates	44.75%	13.00%	13.25%

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Mr. First Name: John Middle Name: Isaac
Last Name: Leeth Suffix:

Title: Compliance Manager

Complete Address:

Street1: 44921 George Washington Blvd
Street2: Ste. 230
City: Ashburn State: VA: Virginia
Zip / Postal Code: 20147 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:** Ex. 6 - Personal Privacy (PP)

E-mail Address: isaac@unitedcharitable.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: Mrs. First Name: Stacy Middle Name:
Last Name: Summitt Suffix:

Title: Controller

Complete Address:

Street1: 44921 George Washington Blvd
Street2: Ste 230
City: Ashburn State: VA: Virginia
Zip / Postal Code: 20147 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: stacy@unitedcharitable.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: Mr. First Name: John Middle Name: Isaac
Last Name: Leeth Suffix:

Title: Compliance Manager

Complete Address:

Street1: 44921 George Washington Blvd
Street2: Ste 230
City: ASHBURN State: VA: Virginia
Zip / Postal Code: 20147 Country: Ex. 6 Personal Privacy (PP)

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: isaac@unitedcharitable.org

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** Mr. **First Name:** Richard **Middle Name:**

Last Name: Hodges **Suffix:**

Title: Program Manager

Complete Address:

Street1: 4 Dow Rd.

Street2:

City: Sandwich **State:** NH: New Hampshire

Zip / Postal Code: 03227 **Country:** USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: richard@retreeus.org

EPA Form 5700-54 (Rev 4-02)

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: United Charitable

Address: 44921 George Washington Blvd Suite 230

City: ASHBURN

State: VA: Virginia Zip Code: 20147-6320

B. Unique Entity Identifier (UEI): S8ZHQ9CRZFT3

C. Applicant/Recipient Point of Contact

Name: Isaac Leeth

Phone: Ex. 6 Personal Privacy (PP)

Email: fsp@unitedcharitable.org

Title: Compliance Manager

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

N/A

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

N/A

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

N/A

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95) ☒ Yes ☐ No

a. Do the methods of notice accommodate those with impaired vision or hearing? ☒ Yes ☐ No

b. Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications? ☒ Yes ☐ No

c. Does the notice identify a designated civil rights coordinator? ☒ Yes ☐ No

VIII. Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a)) ☒ Yes ☐ No

IX. Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974)) ☒ Yes ☐ No

X. If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.

Richard Hodges, Program Manager, Ex. 6 Personal Privacy (PP), NH 03227, richard@retreeus.org, Ex. 6 - Personal Privacy (PP)
Stacy Summitt, Controller, Ex. 6 Personal Privacy (PP), Edinburg, VA 22824, stacy@unitedcharitable.org Ex. 6 - Personal Privacy (PP)

XI. If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.

United Charitable Employee Handbook. Available via United Charitable upon request

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Isaac Leeth	Compliance Manager	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier: 66.306

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier: Virginia

8. APPLICANT INFORMATION:

* a. Legal Name: United Charitable

* b. Employer/Taxpayer Identification Number (EIN/TIN): 20-4286082

* c. UEI: S8ZHQ9CRZFT3

d. Address:

* Street1: 44921 George Washington Blvd Suite 230
Street2:
* City: ASHBURN
County/Parish: Loudoun
* State: VA: Virginia
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: Ex. 6 Personal Privacy (PP)

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Mr.
* First Name: John
Middle Name: Isaac
* Last Name: Leeth
Suffix:

Title: Compliance Manager

Organizational Affiliation: United Charitable Employee

* Telephone Number: Ex. 6 Personal Privacy (PP)
Fax Number: Ex. 6 - Personal Privacy (PP)

* Email: isaac@unitedcharitable.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Growing Environmental Justice Through Community Food Forest Development

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: VA-010 * b. Program/Project: ME-001

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 * b. End Date: 10/31/2026

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	500,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Mr. * First Name: John

Middle Name: Isaac

* Last Name: Leeth

Suffix:

* Title: Compliance Manager

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* Signature of Authorized Representative: Isaac Leeth * Date Signed: 04/14/2023

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Environmental Protection Agency

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Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

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United Charitable Employee Handbook. Available via United Charitable upon request
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Environmental Protection Agency
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Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Growing Environmental Justice Through Community Food Forest Development
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ME-001
2023-11-01
2026-10-31
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c. Program is not covered by E.O. 12372.
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2023-04-14

1234-EJCPS Mandatory Other Attachments File FINAL.pdf
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1235-UC 2021 Audited Financial Statements-FINAL.pdf
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1236-UC 2021 Form 990 PUBLIC DISCLOSURE COPY.pdf
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Indirect Charges are Admin fees to United Charitable as Fiscal Sponsor of ReTreeUS and the Growing Environmental Justice Through Community Food Forest Development project.

1237-EJCPS Project Narrative FINAL VERSION .pdf
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Isaac Leeth
GRANT13861713

Collaborating for Tree Equity in Providence, Rhode Island

Project Location: Providence, Rhode Island
Zip codes: 02860, 02903, 02904, 02905, 02906, 02907, 02908, 02909, 02910, 02911, 02912, 02919, 02920
While we will partner with the City of Providence and develop city-wide approaches, the project will focus on 33 census blocks with a score less than 80 on the Tree Equity Score Analyzer. The blocks are in the following neighborhoods: Charles, Downtown, Elmwood, Federal Hill, Fox Point, Hartford, Lower South Providence, Mount Hope, Olneyville, Reservoir, Smith Hill, Upper South Providence, Valley, Wanskuck, Washington Park, and the West End.

Applicant Information: The Nature Conservancy, 159 Waterman Street, Providence, RI 02906
Catherine Campbell, Associate Director of Philanthropy, catherine_campbell@tnc.org, Ex. 6 - Personal Privacy (PP)

Applicant Organization: The Nature Conservancy's mission is to protect the land and water on which all life depends. The Rhode Island Chapter leads programs to address climate change through mitigation policies, nature-based adaptation solutions that advance social equity. Our coastal and inland water programs monitor and improve water quality and habitat. We have protected more than 35,000 acres of land with partners and maintain more than 80 miles of public trails on 25 preserves.

Are you applying for the Small CBO Set Aside Track for $150,000 projects? No

Project Abstract: *Collaborating for Tree Equity in Providence, Rhode Island* builds from the 3-year PVD Tree Plan process. We will develop community-led approaches to build the capacity to implement the plan's goal to add 30,000 new trees in low canopy, environmental justice neighborhoods. Using the EJCPS model we will create community-responsive residential and public tree planting and care pilot programs. We will plant 1,000 trees and create the foundation for growing an equitable urban forest and ensuring the benefits are equitably shared across Providence. Thoughtful and intentional management of Providence's urban forest is needed to ensure that it can thrive in a way that serves frontline communities and does not lead to displacement. Community Representatives will guide the Steering Committee, and Tree Ambassadors will lead deep community-wide education and engagement. In some communities, this means building capacity for stewardship and a greater understanding of the values of trees. In others, this means building an understanding of the disproportionate impacts of environmental issues and developing program, policy and funding mechanisms for allocating resources equitably. Through the planning process, we have developed a shared understanding of the issues, created a community vision, and established strategic goals. With this proposal we seek EPA's support to build collaborative partnerships and community capacity to create a network of mutual accountability to address barriers to sustain long-term plan implementation. We will bring structure to multi-stakeholder partnerships and leverage resources among community organizations, the City, and institutions to establish the path for constructive engagement by relevant stakeholders.

Project Types: Urban forestry to address tree inequity, heat islands, and stormwater management.

Special Considerations: Climate Change and Disaster Resiliency

Environmental Issues: Air quality, water quality, climate justice, and urban heat islands.

Project Partners: City of Providence Division of Forestry (local government) Providence Neighborhood Planting Program (street tree planting non-profit); Movement Education Outdoors (BIPOC youth environmental education non-profit); Groundwork Rhode Island (youth and young adult workforce development non-profit)

Will you need to develop a QAPP for your project? No.

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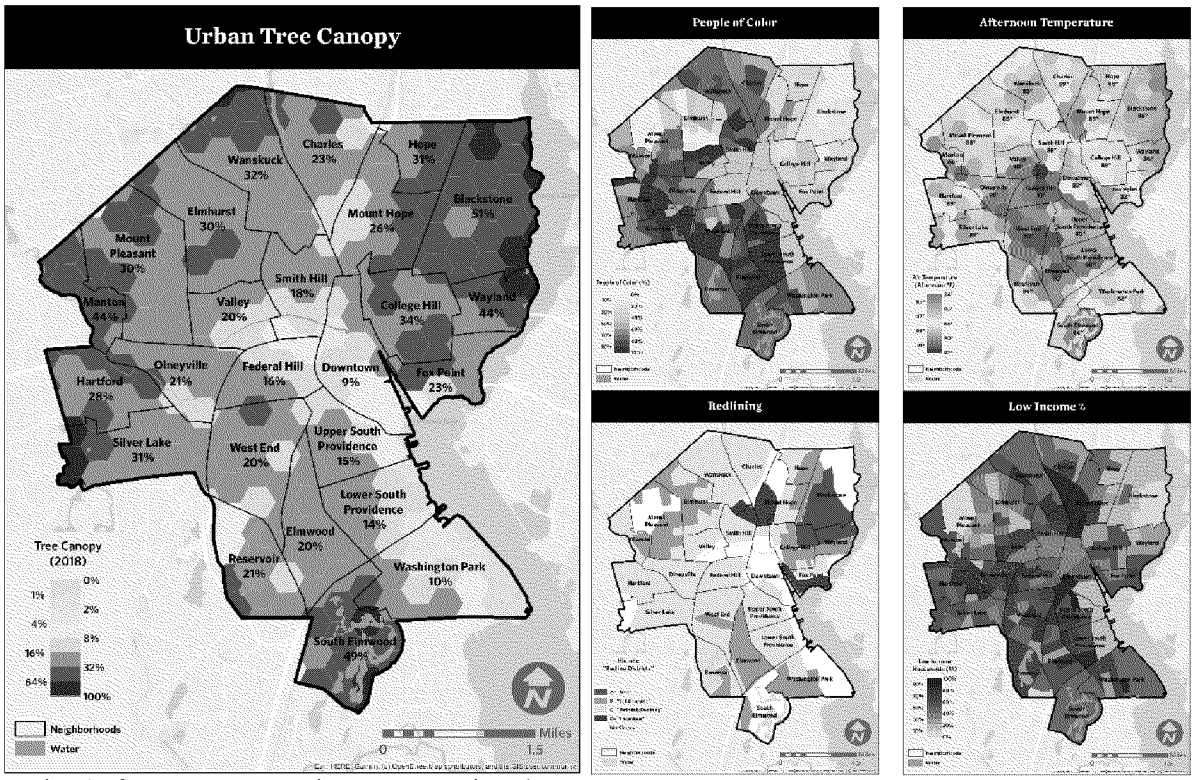
b. Environmental and Public Health information of the Underserved Community

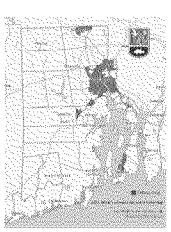
The maps below portray a trend that is familiar to Providence residents. Currently, Providence's tree canopy coverage is not equitably distributed with coverage in Providence neighborhoods ranging from less than 10% to more than 50%. That can have real health consequences on high heat days. The low canopy neighborhoods can be 20 degrees hotter than those with generous tree coverage. That difference can exacerbate asthma and other health conditions and put outdoor workers at risk. Our neighborhoods with a high percentage of people of color and with low incomes have lower tree canopy coverage, and some of the highest asthma rates in the state. These patterns also track to the historic redlining map.



With our project's focus on tree equity, we are using the Tree Equity Score Analyzer developed by American Forests to capture the characteristics of the focus areas for our project. The tool has identified the 33 census blocks in Providence RI that have a disproportionately low tree equity score. We have chosen to prioritize the areas with a Tree Equity Score lower than 80.

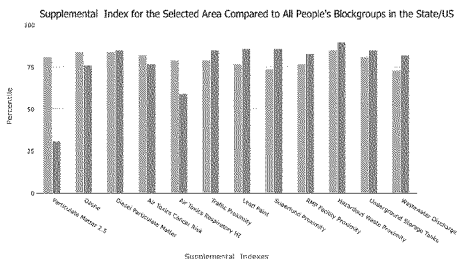
Here are the demographic statistics looking at each of the 33 census blocks:

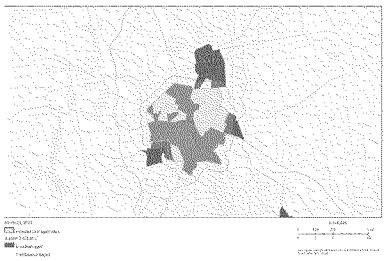
- The mean percentage of the population below 200% of the poverty line is 58%. The blocks range from 15% to 93%.
- The mean percentage of people of color is 72%. The range is 34% to 100%.
- The mean percentage of children ages 0-17 is 22% and the range is 0% to 41%.



The state Department of Environmental Protection considers the vast majority of the city of Providence to be an Environmental Justice Area. The only neighborhoods excluded are the highest tree canopy and highest income areas in the northeast corner.

The EJ Screen Tool corroborates and further details the trends we have found. A map including a half mile radius around our focus census blocks especially illustrated disproportionately high exposure to particulate matter (PM 2.5) in these areas as shown in the chart and map below.





What are the environmental/public health issue(s) that the project seeks to address?
Collaborating for Tree Equity in Providence will address issues of air quality, urban heat islands, water quality, and climate justice. In Providence, the most substantial impacts of climate change are more significant high heat days and more frequent intense storms. Both of these impacts are felt much more intensely and with greater consequences in our environmental justice neighborhoods that have less trees to provide cooling and less green space to soak up water from storms.

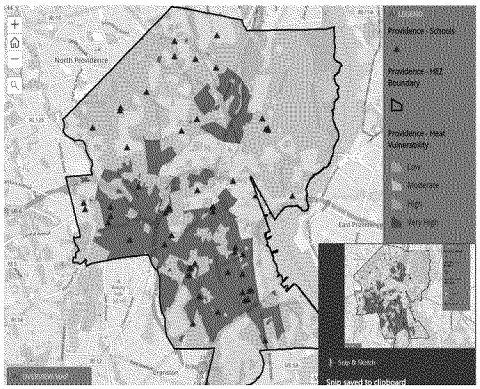
Air Quality
Providence's canopy coverage is not equitably distributed across neighborhoods. Low-income neighborhoods in Providence have lower canopy coverage, and some of the highest asthma rates in the state.

A 2013 USDA Forest Service study of 10 U.S. cities found that urban trees remove enough particulate matter to reduce annual health impacts significantly, with reductions in health impacts ranging of $1.1 million (Syracuse) to $60.1 million (New York). Trees can also reduce ground-level ozone concentrations, by directly absorbing ozone and decreasing ozone formation.

In 2016, The Nature Conservancy conducted a pilot program in Louisville, KY, considered the asthma capital of the United States, to plant mature trees and a vegetated buffer near a heavily trafficked roadway and measure its effects. Initial analysis of the air monitoring data and blood and urine samples showed that the vegetative buffer had an impact. Under certain conditions, levels of particulate matter were 60% lower behind the buffer. Among the health study participants, immune system function increased and inflammation levels decreased after planting (p.6 of enclosed *Funding Trees for Health*). This study is ongoing.

Urban Heat Islands
A 2021 report on tree cover and temperature disparity in US urbanized areas has also informed our priorities for this work. TNC Lead Scientist for Nature Based Solutions, Rob McDonald conducted a meta-analysis of nearly 6,000 US cities analyzing the correlations between tree canopy distribution, wealth inequality and heat islands. It was not a surprise that the analysis found the Providence Metropolitan Area to be among the 92% of U.S. communities where low-income blocks have less tree cover than high-income blocks. Overall, the greatest difference between low- and high-income blocks was found in communities in the Northeast of the United States, where low-income blocks in some communities have 30% less tree cover and are significantly hotter. Notably however, Providence ranked in the top ten worst metro areas for tree inequality with a summer land surface temperature difference of more than 40 degrees Fahrenheit between rich and poor neighborhoods. The Rhode Island Department of Health's Healthy Equity Zone analysis of extreme heat impacts finds that heat-related illnesses, like heat exhaustion or heat stroke, happen when the body is not able to properly cool itself. It can cause damage to the brain and other vital organs. Higher

temperatures also can increase summer peak energy demands, air conditioning costs, air pollution, and greenhouse gas emissions. The Heat Vulnerability Map (right) tracks with our focus neighborhoods.



The Health Department suggests trees as one important solution: "Trees and vegetation can lower surface and air temperatures. Shaded surfaces can be 20-40 degrees cooler than those in direct sun. Evapotranspiration from trees can also reduce peak summer temperatures. Trees should be planted in strategic locations to shade buildings and parking lots. This will also reduce the need for air conditioning."

Water Quality

Stormwater pollution is the largest unaddressed threat to water quality in the waterways of Providence and the Upper Narragansett Bay. The significant investments to reduce combined sewer overflows in recent decades have made substantial improvements to the Bay's water quality. However, unabated polluted stormwater run-off continues to cause the closure of shellfishing waters and beaches, impacting the economy and quality of life for residents throughout the state. Polluted runoff also contributes to cyanobacteria blooms which cause recreational use of our lakes and ponds to be restricted. Further exacerbating the problem, much of the stormwater infrastructure in the city is 75-100 years old and under-sized for current climate conditions. With 60% impervious cover across the city, traditional gray infrastructure approaches to managing stormwater, are no longer adequate on their own. Providence has been looking to nature-based solutions to capture rain where it falls, to increase treatment effectiveness and capacity, and provide multiple ecosystem benefits, such as increasing biodiversity, reducing heat islands and creating welcoming spaces.

Climate Justice

In 2019, the City of Providence adopted a Climate Justice Plan to meet their goal to become carbon neutral by 2050. The plan was developed by the BIPOC community-led Racial and Environmental Justice Committee through an equity-centered process that focused on the concerns and needs of frontline communities of color. These communities are the most burdened by environmental issues and are the most at risk if we do nothing to address the climate crisis. The Plan addresses air quality, asthma, collaborative governance, Energy Democracy, housing affordability, and other issues critical for the health and wellbeing of some of Providence's most disenfranchised communities. The plan is also an effort to ensure that the "greening" of Providence does not lead to the displacement of low-income, communities of color and includes a strategy to "Expand and improve green spaces" which states, "Prioritize tree plantings in low-canopy areas where heat island index is high, and residents can experience the cooling (electricity savings), air pollution, and water filtration benefits." This strategy was highlighted as a priority by frontline communities.

What are the environmental/public health results the project seeks to achieve and how will the underserved community benefit from those results?

Trees embody many of the environmental issues in Providence. They provide a tangible mechanism to understand the connections between health, climate change, and racism. This connection is a focus of the partners in this project. The creative collaborative engagement process outlined in this proposal will continue to shed light on and address environmental racism in Providence and, given the set of partners engaged in this effort, across the state.

The PVD Tree Plan was developed to guide the City of Providence, the public, and other key stewards of our urban forest in proactively managing and cultivating this priceless resource. The plan process combined meaningful community-led decision making, an equitable and inclusive engagement process, rigorous data analysis, multi-stakeholder dialogue and partnerships, and expertise from urban forestry and equity professionals at the top of their field.

With this Environmental Justice Collaborative Problem Solving Cooperative Agreement, we seek to move into the next phase to cultivate the community infrastructure and support to fully implement the plan to achieve tree equity.

The primary benefits to our focus communities will be cleaner air and water and relief from high heat days. Beyond those significant effects, the collaboration process will shift decision making power to communities with the lowest tree canopy, highest risk to extreme heat, and highest rates of asthma and other environmental burdens as we seek to better prepare the city residents and ecosystems for the impacts of climate change.

c. Organization's Historical Connection to Underserved Community -
The Nature Conservancy Rhode Island Chapter launched our urban conservation program in 2016. Before we launched our urban program, we hired a consultant to survey community members and stakeholders to determine where The Nature Conservancy could add value and not duplicate efforts. The community interviews strongly urged TNC to engage in promoting nature-based solutions for stormwater management and climate resiliency. Our goal is that, by partnering with local communities to restore nature, we can prevent flooding, improve water quality, reduce air pollution and heat islands, and help promote social equity. We are a lead partner in the Rhode Island Green Infrastructure Coalition to promote nature-based solutions and sustainable funding mechanisms for stormwater management. Our projects have included the creation of the Providence Stormwater Innovation Center in collaboration with the City and the Audubon Society of Rhode Island to showcase best practices, improve the industry community of practice on stormwater management, and engage the public in participatory science.

In 2019, the local street tree planting organization, and current project partner, the Providence Neighborhood Planting Program invited TNC to help in creating a community-led process to develop an urban forest equity plan for the City of Providence. PNPP holds significant expertise in tree management and community collaboration as well as a 30-year partnership with the City's Division of Forestry. TNC contributed in project and administrative management, and policy and government expertise. Both organizations shared in grant writing and seeking philanthropic support to raise the project budget and TNC served as the fiscal manager of the project.

A community-driven, equitable process necessarily takes time and having community partners at the table before the specifics of that strategy are developed is essential to crafting a genuinely participatory, equity-based and inclusive process. TNC issued RFPs to contract with both local equity and community engagement consultant partners and an urban forestry plan (UFP) technical consultant. Current project partner, Movement Education Outdoors was a member of the equity and community engagement team selected.

The first phase of the project aligned partners including the Providence City Forester, and consultants around a shared vision and framework for the planning process. Through orientations, mutual-learning sessions, trainings, and discussions, project partners acquired tools, skills and a common understanding of the fundamentals of inclusive engagement, racial and environmental justice, and the management of Providence's urban forest.

In the process of developing the charter, we determined that the project Steering Committee should include a majority of people of color, particularly from low tree canopy neighborhoods. Movement Education Outdoors coordinated the recruitment of the racially diverse, multi-generational team who became the community representatives on the Steering Committee. These representatives are paid a quarterly stipend for their expertise and participation in meetings. Forming this group was among the most impactful aspects of our process to date. The community representatives have expanded their roles to become community spokespeople engaging their networks in the community survey and planning process and providing insightful analysis.

The project coordination team, and the community representatives on the Steering Committee developed and implemented a wide range of strategies to engage people who live and work in Providence with a focus on those in our top priority areas, the low canopy neighborhoods. The launch event in November 2021 featured performances from local artists, high school youth presentations, interactive booths with tree-related crafts and activities, and opportunities to learn and share ideas about Providence's urban forest. The community engagement survey on PVDTreePlan.org offered the survey in the nine most common languages used in Providence. The survey was promoted through paid advertising on two local Spanish language radio stations and through social media. Direct outreach at public events, weekend soccer games, and other community gathering spaces helped generate survey responses and useful interviews for broader context about community priorities. Raffle prizes for respondents helped generate enthusiasm for participation.

In all, more than 760 residents responded to the survey. Of the respondents, 45% identify as something other than white or of European descent. The next largest groups were 22% Latinx, 13% Black or African American, and 5% African. 365 respondents live in our focus neighborhoods. While the vast majority of respondents chose the English language version, 172 replied in Spanish and 59 chose another language.

Meanwhile our technical consultants provided significant insights into change and trends in Providence's tree canopy and best practices from successful programs. The new data from the City of Providence's street tree inventory and the University of Vermont Spatial Analysis Laboratory LiDAR analysis revealed several key findings about Providence's current tree canopy:

- Between 2011 and 2018, Providence has seen an increase in both the total number of street trees and in its overall citywide canopy percentage.
- There are a large number of young trees along public rights-of-way, which bodes well for the city's future street tree canopy.
- The greatest amount of plantable area in the city, with the biggest potential for tree canopy increase, is on privately-owned residential property. However, residential property is also where the most canopy loss occurred between 2011 and 2018.
- There is also a significant opportunity to expand canopy on educational institutions' property.
- Tree inequity (the uneven distribution of trees across the city) cuts along racial and economic divides and is still the most persistent and significant barrier to equitably sharing the benefits of Providence's urban forest with its residents.

To dig deeper into the opportunities to address tree inequity, we used American Forests' Tree Equity Score Analyzer. TESA is a tool for cities and states that want to dive deep into equity-based decision-making using the framework of Tree Equity Scores. Using the platform, we determined how targeted tree canopy protection and expansion can improve health and well-being in neighborhoods and communities.

Providence has a city-wide Tree Equity Score of 89 out of 100. But looking more closely at the census blocks shows the disparity that 11 have a score of 50-70. A total of 33 blocks score 80 or lower. Bringing the 33 lowest scoring census blocks to a minimum Tree Equity Score of 80 would require the planting of 30,357 medium-sized trees and would result in 488 acres of new canopy, or approximately 4% increase

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city-wide. Current programs and policies result in approximately 1,000 new trees being planted per year. To achieve that goal in the coming decade, we will need to triple program capacity for tree planting, care and maintenance, and new engagement strategies will need to be employed in the focus census blocks.

The combination of the enthusiastic participation in the community survey and the detailed canopy spatial analysis and tree equity opportunity mapping gave us an incredibly robust combination of data sets to understand residents' priorities related to our tree canopy, programs and practices and to develop the recommendations that became the PVD Tree Plan.

This proposal is the vision developed through that community engagement process and builds on the foundation of years of intensive relationship and trust building to create a successful partnership. We feel both strong support from an engaged community and deep accountability to deliver the next phase of bringing the vision to life.

d. EJCPS Model

At this point, our partnership is deep into the development of CPS Element 1 **Issue Identification, Community Vision, and Strategic Goal Setting**. The issue of tree inequity was identified as a priority issue to address by multiple entities including the Racial Environmental Justice Committee in the Providence Climate Justice Plan and the Providence Neighborhood Planting Program through its strategic planning process, and the issue was confirmed and refined with both robust community engagement and spatial analysis.

Through the development of the PVD Tree Plan, our partnership has developed a shared community vision for the next significant steps required to address tree inequity. The Plan includes a suite of recommendations that include tree planting, maintenance, workforce development, policy and planning, funding and financing, as well as community engagement, leadership and governance.

We propose to use the Collaborative Problem Solving Model to focus specifically on that last strategy of developing deeper community engagement, leadership dispersed throughout the community, and a governance model that lets neighborhoods set priorities for the most effective way to achieve tree equity.

The first step will be CPS Element 2 **Community Capacity Building and Leadership Development** in which we shift the Steering Committee led by community representatives from a planning body into the team ready to oversee the implementation of the plan. We will also cultivate a team of neighborhood and community ambassadors with a train-the-trainer model to share out the results of the PVD Tree Plan and gather community feedback.

By broadening our circle of leadership and deepening community engagement, we expect we will be presented with multiple opportunities for **CPS Element 3 Consensus Building**, and the related need for Dispute Resolution. We will attend to ensuring partner organizations and community members are treated fairly and that our decision-making structures remain responsive to changing dynamics. As a Steering Committee currently, we are attuned to the fact that we currently have a high level of trust across the existing team that has worked together for two years. We will need to be intentional to onboard new participants in a way that is inclusive and builds from our success.

In the course of developing the plan, we have identified numerous relevant stakeholders to be engaged in order to successfully implement the plan's goals ranging from practitioners in the non-profit and for-profit tree care industry, to public utilities, to major health and academic institutions. While several early conversations have shown promising potential and shared interests, we will still have substantial work to establish common goals and objectives in **CPS Element 4 Multi-Stakeholder Partnerships** before we expand to **CPS Element 5 Constructive Engagement by Relevant Stakeholders.**

e. Project Linkages

The project directly aligns with and supports EPA's goal to build community capacity and climate resilience and maximize benefits to overburdened and underserved communities. This project will actively engage and support the communities most burdened by environmental injustices and inequitable tree canopy. In partnership, we will build programs and policies to ensure that these communities receive the maximum benefits and minimized burdens of an expanded tree canopy.

f. Partners and Collaborators -

- City of Providence: **AJ Elton is the City Forester and Director of the Forestry Division of the Providence Parks Department.** He previously served as an urban forester and arborist for the city of Richmond, VA and for Mecklenburg County, NC. AJ has an M.S. in Environmental conservation and a BS in Natural Resources Conservation and Urban Forestry both from UMass Amherst. Under AJ's supervision, the Forestry Division manages the city's 27,400 street trees, as well as all trees in city parks and on public property. The division also works in close partnership with the Providence Neighborhood Planting Program (PNPP) on tree planting and stewardship initiatives, oversees inventory of its street trees and assessment of the tree canopy, and has been an active partner in the development of the PVD Tree Plan.
- Movement Education Outdoors Movement Education Outdoors was founded in 2018 to provide multiple access points for BIPOC and low-income youth in Rhode Island to connect to the land they live on and the communities they live in. They offer out-of-school land-based learning experiences that center the knowledge, joy, healing, and liberation of people of color, grounded in our four educational pillars: Environmental Justice, Black & Indigenous History, Mindfulness, and Leadership. With MEO, young people develop the tools to become leaders in their communities for transformative change towards environmental and racial justice. **Founder and Executive Director Jo Ayuso** has been working as a self-care educator for 21 years and holds an MS in Exercise Science and Physiology. Working in health care, fitness, education, and within prison systems has shaped her communication as well as her desire to work in community with Black and Brown farmers and youth. Jo spends her days organizing Movement and Education Outdoors, a youth outdoor experience program, supporting community-based organizations in understanding inclusion and equity, and uniting with educators and leaders of color to increase access to health and wellness in the education system for low-income, Black, and brown students in Rhode Island. Jo will serve as **Project Coordinator** for maintaining robust engagement with community representatives.
- Providence Neighborhood Planting Program (PNPP) plants, stewards, and advocates for trees in Providence through a close partnership with the City of Providence's Forestry Division. They utilize a community-driven program model that gives residents and community members agency to decide where they want trees, and opportunities to engage with and learn about the urban forest. **Cassie Tharinger, Executive Director,** has overseen PNPP's planting and stewardship programs for over 7 years, and has played a lead role coordinating the development of the PVD Tree Plan. Cassie has worked for over 19 years with community groups and nonprofits in Rhode Island, and has extensive experience with project management, communications, community engagement, and grassroots organizing. Cassie will serve as the **Project Manager** and manage the overall flow of the planning process.
- The Nature Conservancy: **Sheila Dormody, Director of Climate and Cities Programs** launched TNC's Rhode Island urban environmental program in spring 2016 to develop nature-based solutions to address environmental challenges and promote social equity. Sheila has over 30 years of non-profit advocacy and organizing experience. She previously served as the Providence's director of policy and was the first director of sustainability for the City of Providence. Sheila will serve as **Administrative Coordinator** overseeing contract and fiscal management for the process. The Nature Conservancy is one of the leading conservation organizations working around the world and has the administrative and scientific capacity and expertise to assist in multi-partner project management.

The Nature Conservancy's mission is to protect the land and water on which all life depends. TNC was brought in early to the initial scoping phase of the project development by the Providence Neighborhood Planting Program and community partners. TNC will approach this project similarly to our other programs and work: we bring significant issue expertise to bear from across the Conservancy; we provide project management and oversight for on-time and on-budget deliverables; we engage issue and skill experts from the field to address particular needs; and we partner with relevant community leaders and organizations to ensure on-the-ground relevance of the project design and implementation.

2.0 Project Activities / Milestone Schedule / Detailed Please describe the following:

a. Project Activities

With this proposal, we are seeking funding for the first phase of implementation of the PVD Tree Plan for tree equity in Providence. As the implementation of the Plan unfolds over the coming decade, our partner organizations will need to scale up capacity significantly to add the 30,000 new trees required to advance tree equity in Providence and make sure they thrive. The work will be coordinated in three phases:

- During Phase One of years 1-3, we will create community partnerships, pilot implementation programs, establish funding mechanisms, and build the base for later rapid scaling.
- During Phase Two, years 4-7, we will execute programs deemed successful in Phase One and significantly escalate the pace of tree planting.
- Planting will continue in years 7-10 in Phase Three, and we will expand and institutionalize community tree care and maintenance programs to ensure long term viability.

As we look to identify and pilot the new programs and initiatives that are responsive to the needs of frontline communities and residents in low-canopy environmental justice neighborhoods, a few key related needs are emerging:

- Testing-out formats and structures that allow community members in low-canopy neighborhoods to identify the specific place-based tree-related interventions they most want to see in their neighborhoods. In addition, the PVD Tree Plan focuses on identifying the overall and structural needs, priorities, solutions, challenges that residents have related to trees across the city.
- Beginning to develop a residential yard tree program that is responsive and tailored to the needs of residents in low-canopy, environmental justice neighborhoods.

At the start of this project, we will utilize the expertise of the PVD Tree Plan Steering Committee to inform the hiring of part-time coordination staff, and development of the neighborhood-level tree planning formats, as well as to guide the initial design of a yard tree pilot program and insure it aligns with the equity goals and strategies and recommendations of the PVD Tree Plan. The PVD Tree Plan's decision-making body is by design composed of a majority BIPOC community representatives.

Collaboration Coordinator

An initial step will be to hire part-time staff to coordinate the implementation of the plan. The Coordinator will convene and interface with neighborhood-level ambassadors, and representatives of partner organizations. They will coordinate implementation of the plan by establishing systems related to tree monitoring, tracking, and planting across practitioner organizations. And they will coordinate the partner organizations' communications with other community groups as well as other stakeholders including those from the non-profit and for-profit tree care industry, public utilities, health and academic institutions.

Cultivating Community Capacity and Leadership

Over the course of the 3-year grant period, we will grow to have a team of 20 PVD Tree Ambassadors. These community members will be selected for their connections to the communities in our focus neighborhoods and will receive a quarterly stipend. The Coordinator and project partners will provide training, leadership development and supervision for the Ambassadors to effectively engage in executing the goals of the PVD Tree Plan at the micro-neighborhood level. The Ambassadors will start by serving as

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tree planting leaders to identify where residents want trees planted. With more experience, the Ambassadors will grow to a higher level of engagement and responsibility to provide two-way communication from neighborhoods to the coalition and City leaders, and back. Ambassadors will coordinate neighborhood-level consensus decision making activities for PVD Tree Plan implementation. This micro-neighborhood level of organization will allow for the development of approaches that are most relevant and appropriate for specific neighborhoods and communities. Strategies for engagement may include door knocking, presentations to neighborhood groups, schools and churches, or block parties.

The community convening work that the Ambassadors do will identify opportunities for organizational collaborations and structures to support implementing the wide-ranging priorities for the PVD Tree Plan.

In addition to the PVD Tree Ambassadors, we will continue the successful Steering Committee model formed to create the PVD Tree Plan. In addition to members of the project partner organizations, the Steering Committee will continue to be majority BIPOC Providence community representatives from low-canopy neighborhoods. We will expand from the current 8 community representatives to a total of 12 members to oversee all aspects of plan implementation. The community representatives will receive a quarterly stipend for sharing their expertise. The project partners and current committee members will provide training and background to support the onboarding and involvement of new members. The expansion of membership and the development of the training program will help ensure the long-term sustainability of the plan.

Community Tree Planning Forums: Working through existing community networks and anchor institutions such as churches and mosques, cultural or civic groups, schools, neighborhood associations, CDCs, and businesses, we will convene a series of "Community Tree Planning" meetings in the priority neighborhoods where residents, stakeholders and community leaders are invited to participate in planning conversations and to identify specific current tree-related needs and focus areas within their neighborhood.

Project partners would then coordinate to deploy and leverage relevant existing programs and resources in order to meet as many of the identified needs and priorities as possible in the focus areas. For instance, if street or public space tree plantings in a specific area are identified as a need, PNPP would work with residents to organize a Neighborhood Street Tree Planting there. The Tree Planning meetings would also serve as an opportunity to identify priority areas for yard tree planting recruitment, and to begin outreach for that program.

The Community Tree Planning Forums will be a combination of in person and virtual events as necessary to meet the needs of each gathering group. They will primarily serve as facilitated listening meetings and opportunities for residents and community leaders to share and discuss their needs related to trees and green infrastructure in the immediate neighborhood, and to develop some collective priorities. Themes that have emerged from the PVD Tree Plan development have included desire for more fruit trees; trees at particular schools, playgrounds or other community-hubs; and increased canopy or tree maintenance in particular areas. Spanish language interpretation will be available.

The goal of these meetings would be for our partners to center and listen to community needs and priorities, and to test out a process for identifying specific, actionable community tree priorities within a geographic area. While information about the benefits of trees and about opportunities to receive free trees would be made available, the primary purpose of these events would not be to educate or inform, but rather to receive and synthesize information.

Yard Tree Planting Pilot: Despite the fact that the majority of Providence's current urban forest and its potential plantable space falls on private property, there is effectively no program mechanism for Providence residents to receive free trees for their yards. The state-run yard tree giveaway program is

limited in supply, statewide in scope, and inaccessible to residents in urban low-canopy communities. Residents in wealthier neighborhoods are able to deploy the resources and technical expertise required to plant and maintain trees on private property, further exacerbating the canopy inequity across neighborhoods.

PVD Tree Ambassadors will conduct on-the-ground outreach to promote and recruit yard tree program participants. This project will help forge community connections, provide critical momentum for future work, and allow us to impact tree equity in the neighborhood well beyond the scope of this grant.

Project partners and the Steering Committee will work collaboratively to develop the specifications and parameters for the yard tree planting program, informed by a pilot project Groundwork RI has recently completed in a nearby city, but the initial outline is this:

- PNPP Staff will plan and oversee the outreach to residents as potential yard tree recipients.
- PNPP will directly coordinate with the Tree Ambassadors, who will be doing much of the on-the-ground outreach and promotion.
- PNPP Staff will be responsible for all site visits, surveying, coordinating and final communications with tree recipients.
- The tenant or property-owners may sign-up to participate and steward or plant a tree. PNPP will be responsible for connecting with property owners to secure permission for non-owner-occupied properties.
- Tree plantings will be scheduled individually, and PNPP staff will be responsible for planting the trees. Residents who are able to participate in planting the trees will do so, but it will not be a requirement for receiving a tree.
- PNPP will offer technical support and follow-up to all tree recipients over the following 2 years to ensure resources to steward the trees are in place.
- Yard-trees will be watered by the residents who sign up for trees, with training and ongoing technical support to be provided by PNPP and by Providence Community Tree Keeper (PCTK) program participants. Interested residents and community members will also be encouraged to participate in the PCTK program.
- The program will establish appropriate stewardship programs for trees planted at public or community sites. The young trees will be watered and pruned through local youth programs to provide paid environmental learning and stewardship activities in their communities.

Neighborhood Street Tree Award program: To complement the yard tree plantings that emerge out of this project and to help deliver outcomes for other planting-related needs that emerge out of community planning processes, PNPP and City Forestry will also coordinate companion right-of-way and public-space plantings via our Neighborhood Street Tree Award program, to be shaped and located by the community-identified priorities. The Neighborhood Street Tree Plantings rely on community volunteers to do the actual tree planting, and these social, educational, and family-friendly planting events, which take place primarily on Saturdays in April and October, will serve as opportunities to build community connection through a collective planting and stewardship activity, and to build momentum and awareness in the neighborhood around community urban forestry initiatives.

b. Milestone Schedule

Milestones	Who	Year 1	Year 2	Year 3
		November 2023-December 2024	January-December 2025	January-October 2026
Hire and train part time Collaboration Coordinator	PNPP	November - December 2023		
Recruit and onboard additional community representatives to Steering Committee	MEO, Steering Committee Community Representatives	November - February	As needed to maintain full cohort	As needed to maintain full cohort
Design Community Tree Planning Forum plan	Steering Committee	November - December	Review and revise as needed	Review and revise as needed
Develop initial outline and design for free yard tree program	PNPP with Steering Committee Review	November - December	Review and revise as needed based on community feedback	Review and revise as needed based on community feedback
Identify and train community PVD Tree Ambassadors and begin community outreach	MEO, Steering Committee Community Representatives	January	January	January
Neighborhood outreach to recruit residents to participate in Yard Tree plantings and Community Tree Planning forums	Ambassadors	February-April July-September	February-April July-September	February-April July-September
Hold 1-2 Community Tree Planning Forums	Coordinator, Ambassadors	March and July	March and July	March and July
Community and Volunteer Street Tree Planting Events	All Project Partners	April and October	April and October	April and October
Plant resident yard trees and train residents in tree care	PNPP, residents, Ambassadors	May-June and October-November	May-June and October-November	May-June and October-November
Conduct post planting season review of lessons learned, adjust programs and strategies as appropriate	Steering Committee and Ambassadors	July and December	July and December	July and December
Document stories to capture and share impacts and activities of the project	Ambassadors, all project partners	year round but focused in December	year round but focused in December	year round but focused in October
Conduct follow up visits with tree recipients and provide assistance as needed	Ambassadors	In the fall for spring plantings; in the Spring for fall plantings	In the fall for spring plantings; in the Spring for fall plantings	In the fall for spring plantings; in the Spring for fall plantings
Conduct project review: - Assessment of program impacts, successes and challenges - Determine feasibility of program expansion/ continuation - Secure funding streams for Phase 2	Steering Committee and Ambassadors with community feedback	Annual review in Fall	Annual review in fall	Final Review August-October 2026

Budget Narrative (Itemized Budget Sheet - See Attachment)

Income

Collaborating for Tree Equity in Providence, RI seeks $500,000 in support from the U.S. EPA over three years. We have secured match from project partners including $125,000 from the Providence Neighborhood Planting Program and $17,838 from The Nature Conservancy. The City of Providence will provide an additional $10,000 of in-kind contribution of the City Forester's staff time.

The PVD Tree Plan which inspired this proposal was developed with generous support from private foundations. We will seek their support for this project to implement the plan including a request to the RI Foundation for $75,000 and to the Helen Walker Raleigh Tree Care Trust for $50,000.

Expenses

Personnel

Sheila Dormody, RI Director of Climate and Cities Programs for The Nature Conservancy in Rhode Island will serve as the overall project administrator and provide fiscal management for the grant. Sheila will also serve on the PVD Tree Plan Project Coordination Team and on the Steering Committee with a focus on supporting development of policy strategies. Personnel costs are based on 20% FTE for 3-year project with a 44.75% fringe rate. Match will be provided from TNC private funding sources.

Supplies

- Our project builds upon Providence Neighborhood Planting Program's 30 years of successful community planting of street trees. PNPP will provide $125,000 in match for street tree plantings which will be used as community building events, trainings, and outreach. The match will cover staff coordination, training, purchase of trees, site prep, and planting events. The Community Tree Planning forums will inform the placement of 275 street trees per year for each of the three years for a total of 825 street trees planted.
- As we create the new residential property tree planting program, we seek $11,920 for 125 trees for our pilot project. The choice of using one of the 105 younger, smaller caliper trees at a cost of $125 each and 20 more mature trees at $180 each will be decided by the requirements of the planting location. The newly depaved areas will require more mature trees. We are seeking matching funds from the Helen Walker Raleigh Tree Care Trust. Each resident tree recipient household will also receive $15 worth of materials to help them care for their tree including an instruction and reminder magnet, watering bucket, and buttons or stickers to encourage promotion of the program to their community networks. The total cost of the trees and resident education kits will be $20,175. We are seeking $8,255 from the Helen Walker Raleigh Tree Care Trust as a match.
- Additional collateral to promote program participation will include the design, translation and printing of flyers, yard signs, banners, door-hangers for a total cost of $3,000. TNC will provide $500 of this with in-house printing.
- To create a community atmosphere and encourage community participation we will provide refreshments and incentives such as door prizes at the Community Tree Planning Forums. $3,000 will cover the expense for 6-12 forums over the three-year period.

Contractual

- We will contract with local workforce development programs to provide site prep for the residential tree planting program. Pervious yard sites will cost $125 each for a total of $13,125. We anticipate 105 pervious sites and an additional 20 that need more saw cutting, excavation and replacement of soil. The labor and materials for depaving and preparing the impervious sites will cost $190 each for a total of $3800. Cost estimates are based on past project experience. The total contractual cost will be $16,925. We are seeking match from Helen Walker Raleigh Tree Care Trust for $4,645 of that expense.

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- We are seeking additional match from Helen Walker Raleigh Tree Care Trust of $12,100 to provide young tree care including pruning and watering through the same local workforce development programs to ensure both the yard trees and street trees thrive.

Other

- A.J. Elton, City Forester and Director of the Forestry Division for the City of Providence will serve on the PVD Tree Plan Steering Committee to provide technical support and guidance for all aspects of tree planting and tree care as well. In addition, A.J. will provide coordination across City departments including Planning, Public Works, Parks, Sustainability, and Policy which have all been engaged in various aspects of the development of the PVD Tree Plan. The City of Providence also provides matching costs to PNPP's street tree planting program. We are not counting that toward our budget, but it is a one-to-one match.
- Cassie Tharinger, Executive Director of the Providence Neighborhood Planting Program will serve as the overall Project Manager for all aspects of the implementation of this proposal. $60,000 will cover salary and fringe costs for 30% FTE over the 3-year period.
- Critical to the success of the project will be adding the capacity of a 50% FTE PVD Tree Plan Coordinator to organize Community Tree Planning Forums, manage the PVD Community Tree Ambassadors, and develop collateral materials. Salary and fringe will be $45,000 per year for three years for a total cost of $135,000. We are seeking Rhode Island Foundation support to provide $15,000 in match to $120,000 from the U.S. EPA.
- Jo Ayuso, Director of Movement Education Outdoors will serve as Project Coordinator for maintaining robust engagement with community representatives. $60,000 will cover salary and fringe costs for 25% FTE over the 3-year period.
- A team of 10 Community Representatives will serve on the Steering Committee and will receive a quarterly stipend of $500 for 3 years for serving year-round with approximately 4 hours per week engagement in oversight and planning.
- PVD Community Tree Ambassadors will lead the neighborhood outreach efforts during 6 months of the year. They will receive a $2000 stipend. We anticipate this program will ramp up with 10 ambassadors in the first year, 15 in the second and 20 in the third year. The full cost of the program will be $120,000. We are seeking $60,000 match from the Rhode Island Foundation.
- To ensure successful participation in the Community Tree Planning Forums and planting events, we will provide childcare, translated materials, and interpretation services. We anticipate these will cost a total of $8,000 based on previous events planned.
- Transportation of trees for residential planting events will cost $600 per week for 9 weeks for a total cost of $5,400.
- Capturing the story of the project will be essential to building and maintaining momentum both during this building phase and to carry the PVD Tree Plan to full implementation. The Nature Conservancy will provide $1,300 for photo and video documentation.

Negotiated Indirect Cost Rate: TNC's Fiscal Year 2023 Indirect cost rate of 22.40% is in effect from July 1, 2022 through June 30, 2023 and is approved each year by our Cognizant Agency, the Department of Interior. TNC is opting to cap indirect on all direct costs at 6.16% and record the remaining 16.24% as unrecovered indirect costs to match. TNC's Fiscal Year 2023 NICRA can be found in Other Attachments.

3.0 Environmental Results – Outputs, Outcomes, and Performance Measures (Logic Model)

a. Environmental Results (Logic Model): See Attachment

b. Performance Measurement Plan.

Providence has a wealth of baseline data about our urban forest.

- The City conducted a street tree inventory in 2017.
- The University of Vermont just completed a full spatial analysis of the urban canopy based on 2018 data this year.

- The City conducted an i-Tree eco-assessment statistical sampling in 2014 to measure the ecological benefits of the canopy.
- The Rhode Island Tree Equity Score Analyzer provides data detailed to the parcel level on Providence's urban forest.

The priority areas for planting with this project will be informed by the combined analysis of all of these data sets. The data show the persistence of inequitable distribution of tree canopy across the city. Canopy coverage ranges from less than 10% to more than 50% in different neighborhoods. The data also show that over the past decade, both the most substantial gains and losses in the tree canopy have been in residential zones.

The Tree Equity Score Analyzer (TESA) will allow us to calculate projected benefits from various planting scenarios.

Our metrics will include:
- Community ambassadors engaged
- Community forums organized
- Number of trees planted in focus neighborhoods
- Carbon benefits of new trees planted
- Adjusted Tree Equity Score for priority Block Groups
- TESA Impact Report metrics including new canopy, $C0_2$ stored (tons per year), and rain interception
- Qualitative feedback from ambassadors and community members
- Resident participation in sharing their tree care activities on a new public platform tool
- Number of PVD Tree Plan recommendations directly addressed

c. Sustainability Plan and Community Vision

This project builds from and will inform several ongoing initiatives:
- The Rhode Island Urban Forests for Climate and Health initiative has created tools for analyzing tree equity and informing appropriate planting for climate resilience, which will inform this project.
- The Providence Climate Justice Plan established the Racial and Environmental Justice Framework for sustainability efforts, and identified tree-planting in these neighborhoods as an overall community priority.
- The PVD Tree Plan completed in 2023 identified the broad priorities, needs and preferred strategies of residents across low-canopy neighborhoods.

Providence is now poised to be a role model for other urban areas of Rhode Island as the first municipality to integrate the data and analysis into a broad community conversation to determine priority actions and a shared vision. Implementing a data-informed, equity-centered and community responsive strategic urban forest plan at this moment will enable us to effectively harness and leverage that valuable data towards the effective long-term management of the urban forest.

With expanded capacity for community engagement and urban tree care, the strategies employed in Providence have a high likelihood of being able to successfully expand across municipal boundaries to other urban areas of the state. The State's climate action plan prioritizes urban forestry as a key strategy. Providence will provide a role model for the state to support in other municipalities. Additionally, some of our existing approach builds from lessons in neighboring Pawtucket and Central Falls as well as from equity centered urban forest approaches from across the country including Philadelphia, Cleveland, Washington, DC and Syracuse. We expect that our contribution to this body of work will similarly inspire work in other places where we are connected through the urban forestry movement.

4.0 Programmatic Capability

a. Organizational Experience related to the proposed project and their infrastructure as it relates to their ability to successfully implement the proposed project.

- The Providence Neighborhood Planting Program was established in 1988 as a match-cost partnership between the Mary Elizabeth Sharpe PNPP Endowment and the City of Providence to ensure consistent private/public funding for the planting of street trees in Providence. PNPP has played a key role in supporting Providence's urban forest over the past 35 years: advocating for the creation of the forestry division and the adoption of the City's first tree ordinance, collaborating on tree canopy inventories and assessments, and spearheading strategic planning efforts such as the PVD Tree Plan. PNPP's Neighborhood Street Tree Planting program, which engages residents and community groups each spring and fall in planting and caring for young trees, is the primary way that trees are added along the public right-of-way in Providence. PNPP's decades-long track record of working collaboratively with a broad range of stakeholders and communities in Providence to plant, steward and advocate for trees means they are perfectly positioned to implement this project.
- Movement Education Outdoors programs engage over 200 RI youth of color every year, cultivating the leadership of youth of color in Rhode Island's environmental justice movements. MEO is deeply embedded in the network of community organizations working towards environmental justice in Providence and RI, working in direct collaboration with over 30 other local grassroots organizations and serving as an organizational member of the Ocean State Environmental Justice Alliance. MEO, which is led by people of color with lived experiences of environmental justice impacts, is also deeply rooted in the frontline EJ communities that this project is designed to serve. For the past three years, MEO has served as a key partner in the development of the PVD Tree Plan. Its role in this process has included recruiting BIPOC steering committee members from low-canopy frontline neighborhoods, developing and implementing neighborhood-level community engagement strategies, and providing ongoing advising on equity, justice, and inclusion. Given its role in Providence's environmental justice communities and its history of involvement with the PVD Tree Plan, MEO is ideally situated to lead community engagement efforts through the project's implementation phases.
- The Nature Conservancy (TNC) has served as the fiscal manager and project coordinator for the PVD Tree Plan and will serve in the same role for this project. The Conservancy is recognized for project management and administrative as well as scientific capacity and expertise to assist in partnerships to further the protection and management of the terrestrial, marine, and freshwater resources of Rhode Island. TNC has the public and private grants management capacity and reporting to effectively serve this multi-year, community driven project and meet EPA requirements.

b. Staff Experience / Qualifications of Project Manager (PM)

Cassie Tharinger has overseen PNPP's community-driven tree planting and stewardship programs since 2015. Before joining the world of urban and community forestry, Cassie worked for over a decade with community groups, cooperatives, and nonprofits in Rhode Island in both the arts and local food system sectors, as well as at small scale holistically-managed fruit tree orchards and nurseries in Rhode Island, Vermont, and Maine. She has guided PNPP through strategic planning, organizational development, and helping build a more equitable and robust urban forest in Providence. Cassie designed the strategy for the PVD Tree Plan to be led by residents of Providence's low canopy neighborhoods and to center equity and justice throughout the process of design, development and implementation.

***c.* Expenditure of Awarded Grant Funds**

The Nature Conservancy (TNC) has internal controls, procedures, and systems in place to accurately account for, manage, and report on public funds. TNC will be prepared to complete the Pre-Award Compliance for Non-Profit Organizations as necessary.

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5.0 Past Performance

Agreement Number 02D19322 – Mapping Bayou la Batre Stormwater for Community Resilience
Award Term: 1/1/2022 – 12/31/2024
Total Project Period Cost: $499,993.00
Summary and Outcomes: The 2016 Mobile County Hazard Mitigation Plan and the 2018 Bayou la Batre Watershed Management Plan identified the need for stormwater management improvements to alleviate flooding impacts to the City of Bayou la Batre and to reduce stormwater loads to coastal waters. To identify potential improvements, this project involves mapping existing stormwater features to identifying flood-prone areas and remedial actions, monitoring and modeling stormwater flow, and water quality monitoring of nonpoint source bacteria, sediment, nutrients, and organic matter concentrations to calculate flow and load reductions. The project outputs will lay the groundwork for a future stormwater management plan.
Reporting Requirements: Award is still active and all reporting requirements have been met to date and acceptable per the EPA.

Agreement Number 02D19222 – Building the Northern Gulf's Transportation Hub Resilience
Award Term: 1/1/2022 – 12/31/2024
Total Project Period Cost: $499,914.00
Summary and Outcomes: This project will investigate the use of green stormwater infrastructure improvements to improve water quality and manage flooding at the downtown Mobile airport, a transportation epicenter of the Northern Gulf of Mexico and vital community asset to the region's growing economy. The Nature Conservancy will conduct stormwater mapping and construct a bioswale demonstration project to reconnect stream headwaters on the property to the Dog River watershed of Mobile Bay. This effort will demonstrate ways to reduce nonpoint source pollution from the airport and update legacy infrastructure to increase resilience of the airport complex.
Reporting Requirements: Award is still active and all reporting requirements have been met to date and acceptable per the EPA.

Agreement Number 00D92119 – Forest Management and Restoration in Apalachicola, Florida
Award Term: 12/1/2019 – 11/30/2022
Total Project Period Cost: $500,000.00
Summary and Outcomes: This grant had several aspects to it. It provided support to the Ecosystem Restoration Team to continue to progress prescribed fire within the region, as well as longleaf and groundcover restoration. It also funded a cogon grass strike team, which included a component of private landowner and county government outreach. It supported training in the form of NWCG wildland fire training courses and outreach to a local school's environmental science courses, as well as an internship program in land management that placed priority on underserved minority communities in the region. I believe that we're considering this project to be successful. All goals were met and the two interns funded through this will be wrapping up this spring.
Reporting Requirements: All reporting requirements were met and acceptable per the EPA.

Agreement Number 00E01448 – Accelerating Outcome-Based Ag Conservation in Saginaw Bay
Award Term: 2/23/2015 – 9/30/2020
Original Project Period Cost: $2,558,853.00
Total Project Period Cost After Modifications: $1,002,093.00
Summary and Outcomes: This five-year EPA grant was from GLRI funds (administered through the Great Lakes National Program Office). It provided TNC direct funding to develop a new "pay for performance" framework for incentivizing new agricultural BMP adoption, as well as the performance fund itself (~$240k). We had three sub awardees to help us develop and analyze this framework, including a local Conservation District that administered the payments and contracts directly with farmers. The project enrolled over 30 farms, treated over 7,300 acres, and effectively reduced 1,132 tons of sediment and 3,512 lbs. of phosphorus. This project allowed TNC the unique opportunity to refine and perfect our pay for

performance approach (including payments and methods). As a result, at the conclusion of the project we were able to roll out this proven concept to new (private funder) partners. In this way, this EPA grant helped us develop a "turnkey" program that continued to exist, via the backing of three different corporate partners, three years after the initial EPA funding ended. However, it should be noted that even though we met all of our originally proposed deliverables in the end—we did sustain a funding cut from EPA halfway through the project. They were not happy with our initial slow rate of spending (due to limited farmer payments being spent out in the first 2 years) and decided to amend our contract and reduce our overall funding amount by ~$800k. TNC primarily absorbed these cuts by terminating the agreements with 2 of the three sub awardees and doing more of the work ourselves. The farmer funding was kept intact, which allowed us to meet all of our intended environmental deliverables.
Reporting Requirements: All reporting requirements were met and acceptable per the EPA.

Agreement Number 00D80221 – Calcasieu Lake and Sabine National Wildlife Refuge Oyster Reef Restoration Project
Award Term: 12/1/2021 – 11/30/2023
Total Project Period Cost: $500,000.00
Summary and Outcomes: Self-sustaining oyster reefs are important green infrastructure that provide a full suite of ecosystem services, such as filtering water and cycling nutrients to improve water quality, and abating wave energy and slowing shoreline retreat. Protecting this portion of Sabine National Wildlife Refuge (Sabine NWR) is not only significant for wildlife habitat in the Gulf of Mexico but is a critical area protecting Highway 27 from inundation and loss during storms, as it is a major evacuation route for local communities. Finally, oyster reefs may be able to keep pace with sea level rise and reduce the impacts of flooding and storms. The Nature Conservancy in Louisiana will partner with the U.S. Fish and Wildlife Service to restore oyster reef habitat along rapidly eroding shorelines in Calcasieu Lake along Sabine NWR, a priority landscape on the Gulf of Mexico. This project will build vertical oyster reef structure, which in turn will protect critical coastal marsh and priority areas of Sabine NWR which supports a high diversity of fish and wildlife populations; create fisheries habitat; improve estuary water quality; slow shoreline retreat by abating wave energy; and increase the resiliency of nearby coastal communities. The Nature Conservancy in Louisiana will partner with the U.S. Fish and Wildlife Service to restore oyster reef habitat along rapidly eroding shorelines in Calcasieu Lake along Sabine NWR, a priority landscape on the Gulf of Mexico.
Reporting Requirements: Award is still active and all reporting requirements have been met to date and acceptable per the EPA.

6.0 Quality Assurance Project Plan (QAPP) Information: Not applicable.

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OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Alaska Forum, Inc

Address: PO Box 212409

City: Anchorage

State: AK: Alaska Zip Code: 99521-2409

B. Unique Entity Identifier (UEI): MT8MLXVJLHL3

C. Applicant/Recipient Point of Contact

Name: Kurt Eilo

Phone: Ex. 6 Personal Privacy (PP)

Email: keilo@akforum.org

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☒ Yes ☐ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

Eilo

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☐ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☐ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☐ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☐ Yes ☒ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

Kurt A Eilo, Executive Director, PO Box 212409, Anchorage AK 99521 keilo@akforum.org Ex. 6 Personal Privacy (PP)

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

yes

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Kurt A Eilo	Executive Director	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

** PUBLIC DISCLOSURE COPY **

Form 990 Return of Organization Exempt From Income Tax

Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except private foundations)

▶ Do not enter social security numbers on this form as it may be made public.

▶ Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

2021

Open to Public Inspection

Department of the Treasury
Internal Revenue Service

A For the 2021 calendar year, or tax year beginning and ending

B Check if applicable:
- [X] Address change
- Name change
- Initial return
- Final return/ terminated
- Amended return
- Application pending

C Name of organization: UNITED CHARITABLE

Doing business as

Number and street (or P.O. box if mail is not delivered to street address): 44921 GEORGE WASHINGTON BLVD

Room/suite: 230

City or town, state or province, country, and ZIP or foreign postal code: ASHBURN, VA 20147

F Name and address of principal officer: JULIA HEALEY
SAME AS C ABOVE

D Employer identification number: 20-4286082

E Telephone number: Ex. 6 Personal Privacy (PP)

G Gross receipts $: 31,138,657.

H(a) Is this a group return for subordinates? Yes [X] No

H(b) Are all subordinates included? Yes No

If "No," attach a list. See instructions

H(c) Group exemption number ▶

I Tax-exempt status: [X] 501(c)(3) 501(c) ( ) ◀ (insert no.) 4947(a)(1) or 527

J Website: ▶ WWW.UNITEDCHARITABLE.ORG

K Form of organization: [X] Corporation Trust Association Other ▶

L Year of formation: 2005 **M** State of legal domicile: VA

Part I Summary

Activities & Governance

1 Briefly describe the organization's mission or most significant activities: ADMINISTER DONOR-ADVISED FUNDS AND FISCALLY SPONSORED PROGRAMS.

2 Check this box ▶ if the organization discontinued its operations or disposed of more than 25% of its net assets.

3	Number of voting members of the governing body (Part VI, line 1a)	3	10
4	Number of independent voting members of the governing body (Part VI, line 1b)	4	9
5	Total number of individuals employed in calendar year 2021 (Part V, line 2a)	5	46
6	Total number of volunteers (estimate if necessary)	6	925
7a	Total unrelated business revenue from Part VIII, column (C), line 12	7a	0.
b	Net unrelated business taxable income from Form 990-T, Part I, line 11	7b	0.

Revenue

		Prior Year	Current Year
8	Contributions and grants (Part VIII, line 1h)	8,225,627.	17,834,363.
9	Program service revenue (Part VIII, line 2g)	248,738.	351,149.
10	Investment income (Part VIII, column (A), lines 3, 4, and 7d)	6,903,907.	3,020,808.
11	Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e)	289,365.	978,885.
12	Total revenue - add lines 8 through 11 (must equal Part VIII, column (A), line 12)	15,667,637.	22,185,205.

Expenses

13	Grants and similar amounts paid (Part IX, column (A), lines 1-3)	3,863,991.	5,983,125.
14	Benefits paid to or for members (Part IX, column (A), line 4)	0.	0.
15	Salaries, other compensation, employee benefits (Part IX, column (A), lines 5-10)	1,145,237.	1,998,997.
16a	Professional fundraising fees (Part IX, column (A), line 11e)	0.	0.
b	Total fundraising expenses (Part IX, column (D), line 25) ▶ 133,127.		
17	Other expenses (Part IX, column (A), lines 11a-11d, 11f-24e)	1,695,246.	3,070,900.
18	Total expenses. Add lines 13-17 (must equal Part IX, column (A), line 25)	6,704,474.	11,053,022.
19	Revenue less expenses. Subtract line 18 from line 12	8,963,163.	11,132,183.

Net Assets or Fund Balances

		Beginning of Current Year	End of Year
20	Total assets (Part X, line 16)	198,547,791.	209,799,923.
21	Total liabilities (Part X, line 26)	348,582.	265,357.
22	Net assets or fund balances. Subtract line 21 from line 20	198,199,209.	209,534,566.

Part II Signature Block

Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. Declaration of preparer (other than officer) is based on all information of which preparer has any knowledge.

Sign Here

▶ Signature of officer — Date

▶ JULIA HEALEY, CEO
Type or print name and title

Paid Preparer Use Only

Print/Type preparer's name	Preparer's signature	Date	Check if self-employed	PTIN
EDWARD T. YODER, CPA	EDWARD T. YODER, CPA	11/17/22	[X]	P00239134

Firm's name ▶ PBMARES, LLP — Firm's EIN ▶ 54-0737372

Firm's address ▶ 558 SOUTH MAIN STREET
HARRISONBURG, VA 22801 — Phone no. 540 434-5975

May the IRS discuss this return with the preparer shown above? See instructions [X] Yes No

Part III Statement of Program Service Accomplishments

Check if Schedule O contains a response or note to any line in this Part III X

1 Briefly describe the organization's mission:
TO GROW AND SUPPORT EACH CHARITABLE JOURNEY BY PROVIDING SIMPLE CUSTOMIZED VEHICLES THAT FULFILL YOUR PHILANTHROPIC ENDEAVORS BY ADMINISTERING DONOR-ADVISED FUNDS AND FISCALLY SPONSORED PROGRAMS.

2 Did the organization undertake any significant program services during the year which were not listed on the prior Form 990 or 990-EZ? ..... ☐ Yes ☒ No
If "Yes," describe these new services on Schedule O.

3 Did the organization cease conducting, or make significant changes in how it conducts, any program services? ..... ☐ Yes ☒ No
If "Yes," describe these changes on Schedule O.

4 Describe the organization's program service accomplishments for each of its three largest program services, as measured by expenses. Section 501(c)(3) and 501(c)(4) organizations are required to report the amount of grants and allocations to others, the total expenses, and revenue, if any, for each program service reported.

4a (Code:) (Expenses $ 1,779,037. including grants of $) (Revenue $ 30,000.)
THE FOUNDATION AGAINST INTOLERANCE AND RACISM (FAIR) IS A NON-PARTISAN ORGANIZATION DEDICATED TO ADVANCING CIVIL RIGHTS AND LIBERTIES FOR ALL AMERICANS, AND PROMOTING A COMMON CULTURE BASED ON FAIRNESS, UNDERSTANDING AND HUMANITY. CHARITABLE ACTIVITIES TO CARRY OUT THEIR MISSION INCLUDE DEFENDING CIVIL LIBERTIES AND RIGHTS THAT ARE GUARANTEED TO EACH INDIVIDUAL REGARDLESS OF SKIN COLOR, ACESTRY, OR OTHER IMMUTABLE CHARACTERISTICS. THEIR FUNDRAISING TECHNIQUES CONSIST OF DONATIONS FROM SUPPORTING INDIVIDUALS, CAMPAIGNS, EVENTS, PRIVATE GRANTS, AND DONOR ADVISED FUNDS.

4b (Code:) (Expenses $ 383,536. including grants of $ 42,148.) (Revenue $)
WATCHLIST ON CHILDREN AND ARMED CONFLICT IS A FISCALLY SPONSORED PROGRAM THAT STRIVES TO END VIOLATIONS AGAINST CHILDREN IN ARMED CONFLICTS AND GUARANTEE CHILDREN THEIR RIGHTS. THE PROGRAM DEDICATES ITSELF TO PROTECTING THE SECURITY AND RIGHTS OFCHILDREN GLOBALLY. AS A GLOBAL NETWORK, WATCHLIST BUILDS PARTNERSHIPS AMONG LOCAL, NATIONAL, AND INTERNATIONAL NON-GOVERNMENTAL ORGANIZATIONS, ENHANCING MUTUAL CAPACITIES AND STRENGTHS. WORKING TOGETHER, THE PROGRAM AND ITS PARTNERS COLLECT AND DISSEMINATE INFORMATION ON VIOLATIONS AGAINST CHILDREN IN CONFLICT ZONES IN ORDER TO INFLUENCE KEY DECISION-MAKERS TO CREATE AND IMPLEMENT PROGRAMS AND POLICIES THAT EFFECTIVELY PROTECT CHILDREN.

4c (Code:) (Expenses $ 167,333. including grants of $ 46,000.) (Revenue $)
DEARTOMORROW'S MISSION IS TO PROVIDE AN EASY TOOL, IN THE FORM OF A DIGITAL AND ARCHIVE SYSTEM, THAT ALLOWS PEOPLE TO PERSONALLY CONNECT WITH THE ISSUE OF CLIMATE CHANGE AND ENCOURAGE TAKING STRONGER ACTION BY SHARING PERSONAL STORIES WITH FRIENDS, FAMILIES AND THEIR SOCIAL NETWORKS. PARTICIPANTS SUBMIT LETTERS, VIDEOS AND PHOTOS DEDICATED TO THEIR CHILDREN, FAMILY, OR THEMSELVES ABOUT CLIMATE CHANGE, WHICH ARE THEN SHARED PUBLICLY ON THEIR WEBSITE AND PARTICIPANT'S SOCIAL NETWORKS. DEARTOMORROW ALSO PARTICIPATES IN GLOBAL EVENTS HELD BY THE UN AND OTHER INTERNATIONAL ORGANIZATIONS. THEIR FUNDRAISING TECHNIQUES FOCUS ON DONATIONS FROM INDIVIDUALS, CAMPAIGNS, PRIVATE GRANTS, AS WELL AS LARGE INTERNATIONAL GRANTS FROM ORGANIZATIONS THAT STRONGLY SUPPORT THEIR MISSION.

4d Other program services (Describe on Schedule O.)
(Expenses $ 7,007,116. including grants of $ 5,894,977.) (Revenue $ 321,149.)

4e Total program service expenses ▶ 9,337,022.

Part IV Checklist of Required Schedules

			Yes	No
1	Is the organization described in section 501(c)(3) or 4947(a)(1) (other than a private foundation)? *If "Yes," complete Schedule A*	1	X	
2	Is the organization required to complete *Schedule B, Schedule of Contributors*? See instructions	2	X	
3	Did the organization engage in direct or indirect political campaign activities on behalf of or in opposition to candidates for public office? *If "Yes," complete Schedule C, Part I*	3		X
4	**Section 501(c)(3) organizations.** Did the organization engage in lobbying activities, or have a section 501(h) election in effect during the tax year? *If "Yes," complete Schedule C, Part II*	4		X
5	Is the organization a section 501(c)(4), 501(c)(5), or 501(c)(6) organization that receives membership dues, assessments, or similar amounts as defined in Rev. Proc. 98-19? *If "Yes," complete Schedule C, Part III*	5		X
6	Did the organization maintain any donor advised funds or any similar funds or accounts for which donors have the right to provide advice on the distribution or investment of amounts in such funds or accounts? *If "Yes," complete Schedule D, Part I*	6	X	
7	Did the organization receive or hold a conservation easement, including easements to preserve open space, the environment, historic land areas, or historic structures? *If "Yes," complete Schedule D, Part II*	7		X
8	Did the organization maintain collections of works of art, historical treasures, or other similar assets? *If "Yes," complete Schedule D, Part III*	8		X
9	Did the organization report an amount in Part X, line 21, for escrow or custodial account liability, serve as a custodian for amounts not listed in Part X; or provide credit counseling, debt management, credit repair, or debt negotiation services? *If "Yes," complete Schedule D, Part IV*	9		X
10	Did the organization, directly or through a related organization, hold assets in donor-restricted endowments or in quasi endowments? *If "Yes," complete Schedule D, Part V*	10		X
11	If the organization's answer to any of the following questions is "Yes," then complete Schedule D, Parts VI, VII, VIII, IX, or X, as applicable.			
a	Did the organization report an amount for land, buildings, and equipment in Part X, line 10? *If "Yes," complete Schedule D, Part VI*	11a	X	
b	Did the organization report an amount for investments - other securities in Part X, line 12, that is 5% or more of its total assets reported in Part X, line 16? *If "Yes," complete Schedule D, Part VII*	11b	X	
c	Did the organization report an amount for investments - program related in Part X, line 13, that is 5% or more of its total assets reported in Part X, line 16? *If "Yes," complete Schedule D, Part VIII*	11c		X
d	Did the organization report an amount for other assets in Part X, line 15, that is 5% or more of its total assets reported in Part X, line 16? *If "Yes," complete Schedule D, Part IX*	11d		X
e	Did the organization report an amount for other liabilities in Part X, line 25? *If "Yes," complete Schedule D, Part X*	11e		X
f	Did the organization's separate or consolidated financial statements for the tax year include a footnote that addresses the organization's liability for uncertain tax positions under FIN 48 (ASC 740)? *If "Yes," complete Schedule D, Part X*	11f	X	
12a	Did the organization obtain separate, independent audited financial statements for the tax year? *If "Yes," complete Schedule D, Parts XI and XII*	12a	X	
b	Was the organization included in consolidated, independent audited financial statements for the tax year? *If "Yes," and if the organization answered "No" to line 12a, then completing Schedule D, Parts XI and XII is optional*	12b		X
13	Is the organization a school described in section 170(b)(1)(A)(ii)? *If "Yes," complete Schedule E*	13		X
14a	Did the organization maintain an office, employees, or agents outside of the United States?	14a		X
b	Did the organization have aggregate revenues or expenses of more than $10,000 from grantmaking, fundraising, business, investment, and program service activities outside the United States, or aggregate foreign investments valued at $100,000 or more? *If "Yes," complete Schedule F, Parts I and IV*	14b	X	
15	Did the organization report on Part IX, column (A), line 3, more than $5,000 of grants or other assistance to or for any foreign organization? *If "Yes," complete Schedule F, Parts II and IV*	15	X	
16	Did the organization report on Part IX, column (A), line 3, more than $5,000 of aggregate grants or other assistance to or for foreign individuals? *If "Yes," complete Schedule F, Parts III and IV*	16		X
17	Did the organization report a total of more than $15,000 of expenses for professional fundraising services on Part IX, column (A), lines 6 and 11e? *If "Yes," complete Schedule G, Part I.* See instructions	17		X
18	Did the organization report more than $15,000 total of fundraising event gross income and contributions on Part VIII, lines 1c and 8a? *If "Yes," complete Schedule G, Part II*	18	X	
19	Did the organization report more than $15,000 of gross income from gaming activities on Part VIII, line 9a? *If "Yes," complete Schedule G, Part III*	19		X
20a	Did the organization operate one or more hospital facilities? *If "Yes," complete Schedule H*	20a		X
b	If "Yes" to line 20a, did the organization attach a copy of its audited financial statements to this return?	20b		
21	Did the organization report more than $5,000 of grants or other assistance to any domestic organization or domestic government on Part IX, column (A), line 1? *If "Yes," complete Schedule I, Parts I and II*	21	X	

Part IV Checklist of Required Schedules *(continued)*

			Yes	No
22	Did the organization report more than $5,000 of grants or other assistance to or for domestic individuals on Part IX, column (A), line 2? *If "Yes," complete Schedule I, Parts I and III*	22	X	
23	Did the organization answer "Yes" to Part VII, Section A, line 3, 4, or 5, about compensation of the organization's current and former officers, directors, trustees, key employees, and highest compensated employees? *If "Yes," complete Schedule J*	23	X	
24a	Did the organization have a tax-exempt bond issue with an outstanding principal amount of more than $100,000 as of the last day of the year, that was issued after December 31, 2002? *If "Yes," answer lines 24b through 24d and complete Schedule K. If "No," go to line 25a*	24a		X
b	Did the organization invest any proceeds of tax-exempt bonds beyond a temporary period exception?	24b		
c	Did the organization maintain an escrow account other than a refunding escrow at any time during the year to defease any tax-exempt bonds?	24c		
d	Did the organization act as an "on behalf of" issuer for bonds outstanding at any time during the year?	24d		
25a	**Section 501(c)(3), 501(c)(4), and 501(c)(29) organizations.** Did the organization engage in an excess benefit transaction with a disqualified person during the year? *If "Yes," complete Schedule L, Part I*	25a		X
b	Is the organization aware that it engaged in an excess benefit transaction with a disqualified person in a prior year, and that the transaction has not been reported on any of the organization's prior Forms 990 or 990-EZ? *If "Yes," complete Schedule L, Part I*	25b		X
26	Did the organization report any amount on Part X, line 5 or 22, for receivables from or payables to any current or former officer, director, trustee, key employee, creator or founder, substantial contributor, or 35% controlled entity or family member of any of these persons? *If "Yes," complete Schedule L, Part II*	26		X
27	Did the organization provide a grant or other assistance to any current or former officer, director, trustee, key employee, creator or founder, substantial contributor or employee thereof, a grant selection committee member, or to a 35% controlled entity (including an employee thereof) or family member of any of these persons? *If "Yes," complete Schedule L, Part III*	27		X
28	Was the organization a party to a business transaction with one of the following parties (see the Schedule L, Part IV, instructions for applicable filing thresholds, conditions, and exceptions):			
a	A current or former officer, director, trustee, key employee, creator or founder, or substantial contributor? *If "Yes," complete Schedule L, Part IV*	28a		X
b	A family member of any individual described in line 28a? *If "Yes," complete Schedule L, Part IV*	28b		X
c	A 35% controlled entity of one or more individuals and/or organizations described in line 28a or 28b? *If "Yes," complete Schedule L, Part IV*	28c		X
29	Did the organization receive more than $25,000 in non-cash contributions? *If "Yes," complete Schedule M*	29	X	
30	Did the organization receive contributions of art, historical treasures, or other similar assets, or qualified conservation contributions? *If "Yes," complete Schedule M*	30		X
31	Did the organization liquidate, terminate, or dissolve and cease operations? *If "Yes," complete Schedule N, Part I*	31		X
32	Did the organization sell, exchange, dispose of, or transfer more than 25% of its net assets? *If "Yes," complete Schedule N, Part II*	32		X
33	Did the organization own 100% of an entity disregarded as separate from the organization under Regulations sections 301.7701-2 and 301.7701-3? *If "Yes," complete Schedule R, Part I*	33		X
34	Was the organization related to any tax-exempt or taxable entity? *If "Yes," complete Schedule R, Part II, III, or IV, and Part V, line 1*	34	X	
35a	Did the organization have a controlled entity within the meaning of section 512(b)(13)?	35a	X	
b	If "Yes" to line 35a, did the organization receive any payment from or engage in any transaction with a controlled entity within the meaning of section 512(b)(13)? *If "Yes," complete Schedule R, Part V, line 2*	35b	X	
36	**Section 501(c)(3) organizations.** Did the organization make any transfers to an exempt non-charitable related organization? *If "Yes," complete Schedule R, Part V, line 2*	36		X
37	Did the organization conduct more than 5% of its activities through an entity that is not a related organization and that is treated as a partnership for federal income tax purposes? *If "Yes," complete Schedule R, Part VI*	37		X
38	Did the organization complete Schedule O and provide explanations on Schedule O for Part VI, lines 11b and 19? **Note:** All Form 990 filers are required to complete Schedule O	38	X	

Part V Statements Regarding Other IRS Filings and Tax Compliance

Check if Schedule O contains a response or note to any line in this Part V ☐

				Yes	No
1a	Enter the number reported in box 3 of Form 1096. Enter -0- if not applicable	1a	134		
b	Enter the number of Forms W-2G included on line 1a. Enter -0- if not applicable	1b	0		
c	Did the organization comply with backup withholding rules for reportable payments to vendors and reportable gaming (gambling) winnings to prize winners?	1c		X	

Part V Statements Regarding Other IRS Filings and Tax Compliance *(continued)*

				Yes	No
2a	Enter the number of employees reported on Form W-3, Transmittal of Wage and Tax Statements, filed for the calendar year ending with or within the year covered by this return	2a	46		
b	If at least one is reported on line 2a, did the organization file all required federal employment tax returns?	2b		X	
	Note: If the sum of lines 1a and 2a is greater than 250, you may be required to *e-file.* See instructions.				
3a	Did the organization have unrelated business gross income of $1,000 or more during the year?	3a			X
b	If "Yes," has it filed a Form 990-T for this year? *If "No" to line 3b, provide an explanation on Schedule O*	3b			
4a	At any time during the calendar year, did the organization have an interest in, or a signature or other authority over, a financial account in a foreign country (such as a bank account, securities account, or other financial account)?	4a			X
b	If "Yes," enter the name of the foreign country ▶ _____ See instructions for filing requirements for FinCEN Form 114, Report of Foreign Bank and Financial Accounts (FBAR).				
5a	Was the organization a party to a prohibited tax shelter transaction at any time during the tax year?	5a			X
b	Did any taxable party notify the organization that it was or is a party to a prohibited tax shelter transaction?	5b			X
c	If "Yes" to line 5a or 5b, did the organization file Form 8886-T?	5c			
6a	Does the organization have annual gross receipts that are normally greater than $100,000, and did the organization solicit any contributions that were not tax deductible as charitable contributions?	6a			X
b	If "Yes," did the organization include with every solicitation an express statement that such contributions or gifts were not tax deductible?	6b			
7	**Organizations that may receive deductible contributions under section 170(c).**				
a	Did the organization receive a payment in excess of $75 made partly as a contribution and partly for goods and services provided to the payor?	7a		X	
b	If "Yes," did the organization notify the donor of the value of the goods or services provided?	7b		X	
c	Did the organization sell, exchange, or otherwise dispose of tangible personal property for which it was required to file Form 8282?	7c			X
d	If "Yes," indicate the number of Forms 8282 filed during the year	7d			
e	Did the organization receive any funds, directly or indirectly, to pay premiums on a personal benefit contract?	7e			X
f	Did the organization, during the year, pay premiums, directly or indirectly, on a personal benefit contract?	7f			X
g	If the organization received a contribution of qualified intellectual property, did the organization file Form 8899 as required?	7g			
h	If the organization received a contribution of cars, boats, airplanes, or other vehicles, did the organization file a Form 1098-C?	7h			
8	**Sponsoring organizations maintaining donor advised funds.** Did a donor advised fund maintained by the sponsoring organization have excess business holdings at any time during the year?	8			
9	**Sponsoring organizations maintaining donor advised funds.**				
a	Did the sponsoring organization make any taxable distributions under section 4966?	9a			
b	Did the sponsoring organization make a distribution to a donor, donor advisor, or related person?	9b			
10	**Section 501(c)(7) organizations.** Enter:				
a	Initiation fees and capital contributions included on Part VIII, line 12	10a			
b	Gross receipts, included on Form 990, Part VIII, line 12, for public use of club facilities	10b			
11	**Section 501(c)(12) organizations.** Enter:				
a	Gross income from members or shareholders	11a			
b	Gross income from other sources. (Do not net amounts due or paid to other sources against amounts due or received from them.)	11b			
12a	**Section 4947(a)(1) non-exempt charitable trusts.** Is the organization filing Form 990 in lieu of Form 1041?	12a			
b	If "Yes," enter the amount of tax-exempt interest received or accrued during the year	12b			
13	**Section 501(c)(29) qualified nonprofit health insurance issuers.**				
a	Is the organization licensed to issue qualified health plans in more than one state? **Note:** See the instructions for additional information the organization must report on Schedule O.	13a			
b	Enter the amount of reserves the organization is required to maintain by the states in which the organization is licensed to issue qualified health plans	13b			
c	Enter the amount of reserves on hand	13c			
14a	Did the organization receive any payments for indoor tanning services during the tax year?	14a			X
b	If "Yes," has it filed a Form 720 to report these payments? *If "No," provide an explanation on Schedule O*	14b			
15	Is the organization subject to the section 4960 tax on payment(s) of more than $1,000,000 in remuneration or excess parachute payment(s) during the year? If "Yes," see the instructions and file Form 4720, Schedule N.	15			X
16	Is the organization an educational institution subject to the section 4968 excise tax on net investment income? If "Yes," complete Form 4720, Schedule O.	16			X
17	**Section 501(c)(21) organizations.** Did the trust, any disqualified person, or mine operator engage in any activities that would result in the imposition of an excise tax under section 4951, 4952 or 4953? If "Yes," complete Form 6069.	17			

Part VI Governance, Management, and Disclosure. *For each "Yes" response to lines 2 through 7b below, and for a "No" response to line 8a, 8b, or 10b below, describe the circumstances, processes, or changes on Schedule O. See instructions.*

Check if Schedule O contains a response or note to any line in this Part VI X

Section A. Governing Body and Management

				Yes	No
1a	Enter the number of voting members of the governing body at the end of the tax year	1a	10		
	If there are material differences in voting rights among members of the governing body, or if the governing body delegated broad authority to an executive committee or similar committee, explain on Schedule O.				
b	Enter the number of voting members included on line 1a, above, who are independent	1b	9		
2	Did any officer, director, trustee, or key employee have a family relationship or a business relationship with any other officer, director, trustee, or key employee?	2			X
3	Did the organization delegate control over management duties customarily performed by or under the direct supervision of officers, directors, trustees, or key employees to a management company or other person?	3			X
4	Did the organization make any significant changes to its governing documents since the prior Form 990 was filed?	4			X
5	Did the organization become aware during the year of a significant diversion of the organization's assets?	5			X
6	Did the organization have members or stockholders?	6			X
7a	Did the organization have members, stockholders, or other persons who had the power to elect or appoint one or more members of the governing body?	7a			X
b	Are any governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or persons other than the governing body?	7b			X
8	Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following:				
a	The governing body?	8a		X	
b	Each committee with authority to act on behalf of the governing body?	8b		X	
9	Is there any officer, director, trustee, or key employee listed in Part VII, Section A, who cannot be reached at the organization's mailing address? *If "Yes," provide the names and addresses on Schedule O*	9			X

Section B. Policies *(This Section B requests information about policies not required by the Internal Revenue Code.)*

			Yes	No
10a	Did the organization have local chapters, branches, or affiliates?	10a		X
b	If "Yes," did the organization have written policies and procedures governing the activities of such chapters, affiliates, and branches to ensure their operations are consistent with the organization's exempt purposes?	10b		
11a	Has the organization provided a complete copy of this Form 990 to all members of its governing body before filing the form?	11a	X	
b	Describe on Schedule O the process, if any, used by the organization to review this Form 990.			
12a	Did the organization have a written conflict of interest policy? *If "No," go to line 13*	12a	X	
b	Were officers, directors, or trustees, and key employees required to disclose annually interests that could give rise to conflicts?	12b	X	
c	Did the organization regularly and consistently monitor and enforce compliance with the policy? *If "Yes," describe on Schedule O how this was done*	12c	X	
13	Did the organization have a written whistleblower policy?	13	X	
14	Did the organization have a written document retention and destruction policy?	14	X	
15	Did the process for determining compensation of the following persons include a review and approval by independent persons, comparability data, and contemporaneous substantiation of the deliberation and decision?			
a	The organization's CEO, Executive Director, or top management official	15a	X	
b	Other officers or key employees of the organization	15b	X	
	If "Yes" to line 15a or 15b, describe the process on Schedule O. See instructions.			
16a	Did the organization invest in, contribute assets to, or participate in a joint venture or similar arrangement with a taxable entity during the year?	16a		X
b	If "Yes," did the organization follow a written policy or procedure requiring the organization to evaluate its participation in joint venture arrangements under applicable federal tax law, and take steps to safeguard the organization's exempt status with respect to such arrangements?	16b		

Section C. Disclosure

17 List the states with which a copy of this Form 990 is required to be filed ▶AL,AR,CA,FL,GA,IL,KS,KY,MD,MA,MI,MS

18 Section 6104 requires an organization to make its Forms 1023 (1024 or 1024-A, if applicable), 990, and 990-T (section 501(c)(3)s only) available for public inspection. Indicate how you made these available. Check all that apply.

[X] Own website [X] Another's website [X] Upon request [ ] Other *(explain on Schedule O)*

19 Describe on Schedule O whether (and if so, how) the organization made its governing documents, conflict of interest policy, and financial statements available to the public during the tax year.

20 State the name, address, and telephone number of the person who possesses the organization's books and records ▶

THE ORGANIZATION - Ex. 6 Personal Privacy (PP)

44921 GEORGE WASHINGTON BLVD , 230, ASHBURN, VA 20147

Part VII Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors

Check if Schedule O contains a response or note to any line in this Part VII ☐

Section A. Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees

1a Complete this table for all persons required to be listed. Report compensation for the calendar year ending with or within the organization's tax year.

- List all of the organization's **current** officers, directors, trustees (whether individuals or organizations), regardless of amount of compensation. Enter -0- in columns (D), (E), and (F) if no compensation was paid.
- List all of the organization's **current** key employees, if any. See the instructions for definition of "key employee."
- List the organization's five **current** highest compensated employees (other than an officer, director, trustee, or key employee) who received reportable compensation (box 5 of Form W-2, Form 1099-MISC, and/or box 1 of Form 1099-NEC) of more than $100,000 from the organization and any related organizations.
- List all of the organization's **former** officers, key employees, and highest compensated employees who received more than $100,000 of reportable compensation from the organization and any related organizations.
- List all of the organization's **former directors or trustees** that received, in the capacity as a former director or trustee of the organization, more than $10,000 of reportable compensation from the organization and any related organizations.

See the instructions for the order in which to list the persons above.

☐ Check this box if neither the organization nor any related organization compensated any current officer, director, or trustee.

(A) Name and title	(B) Average hours per week (list any hours for related organizations below line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W-2/1099-MISC/ 1099-NEC)	(E) Reportable compensation from related organizations (W-2/1099-MISC/ 1099-NEC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional trustee	Officer	Key employee	Highest compensated employee	Former			
(1) JULIA HEALEY CEO, SECRETARY OF BOARD	40.00	X		X				167,379.	0.	26,770.
(2) STACY L SUMMITT CONTROLLER	40.00			X				111,622.	0.	23,643.
(3) BRUCE MCCLINTOCK CHAIRMAN	1.00	X		X				0.	0.	0.
(4) GEOFF BROWN VICE CHAIRMAN (THROUGH MARCH 2021)	1.00	X		X				0.	0.	0.
(5) DR. MATTEO SABATTINI, PHD TREASURER	1.00	X		X				0.	0.	0.
(6) JOAN TOWNSEND DIRECTOR	1.00	X						0.	0.	0.
(7) DENNIS KELLY DIRECTOR	1.00	X						0.	0.	0.
(8) AEJAZ DAR DIRECTOR	1.00	X						0.	0.	0.
(9) RENUKA RACHA DIRECTOR	1.00	X						0.	0.	0.
(10) RYAN RAMIREZ DIRECTOR	1.00	X						0.	0.	0.
(11) JULIAN MARTINEZ DIRECTOR	1.00	X						0.	0.	0.
(12) BLAQUE LYN HASTON DIRECTOR EMERITUS	1.00	X						0.	0.	0.

Part VII **Section A. Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees** *(continued)*

(A) Name and title	(B) Average hours per week (list any hours for related organizations below line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W-2/1099-MISC/ 1099-NEC)	(E) Reportable compensation from related organizations (W-2/1099-MISC/ 1099-NEC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional trustee	Officer	Key employee	Highest compensated employee	Former			
1b Subtotal ▶								279,001.	0.	50,413.
c Total from continuation sheets to Part VII, Section A ▶								0.	0.	0.
d Total (add lines 1b and 1c) ▶								279,001.	0.	50,413.

2 Total number of individuals (including but not limited to those listed above) who received more than $100,000 of reportable compensation from the organization ▶ 2

		Yes	No
3	Did the organization list any **former** officer, director, trustee, key employee, or highest compensated employee on line 1a? *If "Yes," complete Schedule J for such individual*		X
4	For any individual listed on line 1a, is the sum of reportable compensation and other compensation from the organization and related organizations greater than $150,000? *If "Yes," complete Schedule J for such individual*	X	
5	Did any person listed on line 1a receive or accrue compensation from any unrelated organization or individual for services rendered to the organization? *If "Yes," complete Schedule J for such person*		X

Section B. Independent Contractors

1 Complete this table for your five highest compensated independent contractors that received more than $100,000 of compensation from the organization. Report compensation for the calendar year ending with or within the organization's tax year.

(A) Name and business address	(B) Description of services	(C) Compensation
NONE		

2 Total number of independent contractors (including but not limited to those listed above) who received more than $100,000 of compensation from the organization ▶ 0

Part VIII Statement of Revenue

Check if Schedule O contains a response or note to any line in this Part VIII ☐

				(A) Total revenue	(B) Related or exempt function revenue	(C) Unrelated business revenue	(D) Revenue excluded from tax under sections 512 - 514
Contributions, Gifts, Grants and Other Similar Amounts	1a	Federated campaigns	1a				
	b	Membership dues	1b				
	c	Fundraising events	1c	188,262.			
	d	Related organizations	1d	334,683.			
	e	Government grants (contributions)	1e	455,128.			
	f	All other contributions, gifts, grants, and similar amounts not included above	1f	16,856,290.			
	g	Noncash contributions included in lines 1a-1f	1g	$ 9,750,720.			
	h	**Total.** Add lines 1a-1f			17,834,363.		
Program Service Revenue			Business Code				
	2a	PROGRAM FEES	900099	351,149.	351,149.		
	b						
	c						
	d						
	e						
	f	All other program service revenue					
	g	**Total.** Add lines 2a-2f			351,149.		
Other Revenue	3	Investment income (including dividends, interest, and other similar amounts)		987,541.			987,541.
	4	Income from investment of tax-exempt bond proceeds					
	5	Royalties					
			(i) Real	(ii) Personal			
	6a	Gross rents 6a					
	b	Less: rental expenses 6b					
	c	Rental income or (loss) 6c					
	d	Net rental income or (loss)					
			(i) Securities	(ii) Other			
	7a	Gross amount from sales of assets other than inventory 7a	10,815,652.				
	b	Less: cost or other basis and sales expenses 7b	8,782,385.				
	c	Gain or (loss) 7c	2,033,267.				
	d	Net gain or (loss)			2,033,267.		2033267.
	8a	Gross income from fundraising events (not including $ 188,262. of contributions reported on line 1c). See Part IV, line 18	8a	110,808.			
	b	Less: direct expenses	8b	171,067.			
	c	Net income or (loss) from fundraising events			-60,259.		-60,259.
	9a	Gross income from gaming activities. See Part IV, line 19	9a				
	b	Less: direct expenses	9b				
	c	Net income or (loss) from gaming activities					
	10a	Gross sales of inventory, less returns and allowances	10a				
	b	Less: cost of goods sold	10b				
	c	Net income or (loss) from sales of inventory					
Miscellaneous Revenue			Business Code				
	11a	LIFE INSURANCE PROCEEDS	900099	1,039,144.			1039144.
	b						
	c						
	d	All other revenue					
	e	**Total.** Add lines 11a-11d			1,039,144.		
	12	**Total revenue.** See instructions		22,185,205.	351,149.	0.	3999693.

Part IX Statement of Functional Expenses

Section 501(c)(3) and 501(c)(4) organizations must complete all columns. All other organizations must complete column (A).

Check if Schedule O contains a response or note to any line in this Part IX ☐

Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.	(A) Total expenses	(B) Program service expenses	(C) Management and general expenses	(D) Fundraising expenses
1 Grants and other assistance to domestic organizations and domestic governments. See Part IV, line 21	5,538,113.	5,538,113.		
2 Grants and other assistance to domestic individuals. See Part IV, line 22	41,592.	41,592.		
3 Grants and other assistance to foreign organizations, foreign governments, and foreign individuals. See Part IV, lines 15 and 16	403,420.	403,420.		
4 Benefits paid to or for members				
5 Compensation of current officers, directors, trustees, and key employees	329,413.		296,473.	32,940.
6 Compensation not included above to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B)				
7 Other salaries and wages	1,417,453.	995,381.	352,481.	69,591.
8 Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions)	34,957.	28,819.	3,913.	2,225.
9 Other employee benefits	85,039.	71,167.	8,425.	5,447.
10 Payroll taxes	132,135.	80,433.	43,338.	8,364.
11 Fees for services (nonemployees):				
a Management				
b Legal	278,056.	204,515.	73,541.	
c Accounting	78,112.		78,112.	
d Lobbying				
e Professional fundraising services. See Part IV, line 17				
f Investment management fees	225,847.		225,847.	
g Other. (If line 11g amount exceeds 10% of line 25, column (A), amount, list line 11g expenses on Sch O.)				
12 Advertising and promotion	306,642.	306,421.		221.
13 Office expenses	63,677.	51,189.	7,170.	5,318.
14 Information technology	134,511.	27,855.	106,656.	
15 Royalties				
16 Occupancy	170,790.	71,753.	98,146.	891.
17 Travel	120,205.	105,130.	6,945.	8,130.
18 Payments of travel or entertainment expenses for any federal, state, or local public officials				
19 Conferences, conventions, and meetings	6,504.	6,112.	392.	
20 Interest				
21 Payments to affiliates				
22 Depreciation, depletion, and amortization	5,119.	4,021.	1,098.	
23 Insurance	113,404.	45,161.	68,243.	
24 Other expenses. Itemize expenses not covered above. (List miscellaneous expenses on line 24e. If line 24e amount exceeds 10% of line 25, column (A), amount, list line 24e expenses on Schedule O.)				
a CONTRACT LABOR	1,224,192.	1,102,686.	121,506.	
b PROGRAM RELATED SUPPLIE	136,979.	136,979.		
c MISCELLANEOUS EXPENSES	70,822.	24,839.	45,983.	
d BANK & INVESTMENT FEES	58,053.	29,728.	28,325.	
e All other expenses	77,987.	61,708.	16,279.	
25 **Total functional expenses.** Add lines 1 through 24e	11,053,022.	9,337,022.	1,582,873.	133,127.
26 **Joint costs.** Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation. Check here ▶ ☐ if following SOP 98-2 (ASC 958-720)				

Part X Balance Sheet

Check if Schedule O contains a response or note to any line in this Part X ☐

				(A) Beginning of year		(B) End of year
Assets	1	Cash - non-interest-bearing		1,329,959.	1	4,606,301.
	2	Savings and temporary cash investments			2	
	3	Pledges and grants receivable, net			3	101,790.
	4	Accounts receivable, net		314,905.	4	425,919.
	5	Loans and other receivables from any current or former officer, director, trustee, key employee, creator or founder, substantial contributor, or 35% controlled entity or family member of any of these persons			5	
	6	Loans and other receivables from other disqualified persons (as defined under section 4958(f)(1)), and persons described in section 4958(c)(3)(B)			6	
	7	Notes and loans receivable, net			7	
	8	Inventories for sale or use			8	
	9	Prepaid expenses and deferred charges		55,878.	9	34,955.
	10a	Land, buildings, and equipment: cost or other basis. Complete Part VI of Schedule D	10a 31,532.			
	b	Less: accumulated depreciation	10b 25,799.	10,852.	10c	5,733.
	11	Investments - publicly traded securities		22,929,467.	11	28,859,883.
	12	Investments - other securities. See Part IV, line 11		168,291,940.	12	170,159,104.
	13	Investments - program-related. See Part IV, line 11			13	
	14	Intangible assets			14	
	15	Other assets. See Part IV, line 11		5,614,790.	15	5,606,238.
	16	**Total assets.** Add lines 1 through 15 (must equal line 33)		198,547,791.	16	209,799,923.
Liabilities	17	Accounts payable and accrued expenses		155,865.	17	265,357.
	18	Grants payable			18	
	19	Deferred revenue		12,084.	19	0.
	20	Tax-exempt bond liabilities			20	
	21	Escrow or custodial account liability. Complete Part IV of Schedule D			21	
	22	Loans and other payables to any current or former officer, director, trustee, key employee, creator or founder, substantial contributor, or 35% controlled entity or family member of any of these persons			22	
	23	Secured mortgages and notes payable to unrelated third parties			23	
	24	Unsecured notes and loans payable to unrelated third parties		180,633.	24	0.
	25	Other liabilities (including federal income tax, payables to related third parties, and other liabilities not included on lines 17-24). Complete Part X of Schedule D			25	
	26	**Total liabilities.** Add lines 17 through 25		348,582.	26	265,357.
Net Assets or Fund Balances		**Organizations that follow FASB ASC 958, check here ▶ ☒ and complete lines 27, 28, 32, and 33.**				
	27	Net assets without donor restrictions		3,517,972.	27	12,750,343.
	28	Net assets with donor restrictions		194,681,237.	28	196,784,223.
		Organizations that do not follow FASB ASC 958, check here ▶ ☐ and complete lines 29 through 33.				
	29	Capital stock or trust principal, or current funds			29	
	30	Paid-in or capital surplus, or land, building, or equipment fund			30	
	31	Retained earnings, endowment, accumulated income, or other funds			31	
	32	Total net assets or fund balances		198,199,209.	32	209,534,566.
	33	Total liabilities and net assets/fund balances		198,547,791.	33	209,799,923.

Part XI Reconciliation of Net Assets

Check if Schedule O contains a response or note to any line in this Part XI ☐

1	Total revenue (must equal Part VIII, column (A), line 12)	1	22,185,205.
2	Total expenses (must equal Part IX, column (A), line 25)	2	11,053,022.
3	Revenue less expenses. Subtract line 2 from line 1	3	11,132,183.
4	Net assets or fund balances at beginning of year (must equal Part X, line 32, column (A))	4	198,199,209.
5	Net unrealized gains (losses) on investments	5	-254,959.
6	Donated services and use of facilities	6	
7	Investment expenses	7	
8	Prior period adjustments	8	458,133.
9	Other changes in net assets or fund balances (explain on Schedule O)	9	0.
10	Net assets or fund balances at end of year. Combine lines 3 through 9 (must equal Part X, line 32, column (B))	10	209,534,566.

Part XII Financial Statements and Reporting

Check if Schedule O contains a response or note to any line in this Part XII ☒

			Yes	No
1	Accounting method used to prepare the Form 990: ☐ Cash ☒ Accrual ☐ Other _____ If the organization changed its method of accounting from a prior year or checked "Other," explain on Schedule O.			
2a	Were the organization's financial statements compiled or reviewed by an independent accountant?	2a		X
	If "Yes," check a box below to indicate whether the financial statements for the year were compiled or reviewed on a separate basis, consolidated basis, or both: ☐ Separate basis ☐ Consolidated basis ☐ Both consolidated and separate basis			
b	Were the organization's financial statements audited by an independent accountant?	2b	X	
	If "Yes," check a box below to indicate whether the financial statements for the year were audited on a separate basis, consolidated basis, or both: ☒ Separate basis ☐ Consolidated basis ☐ Both consolidated and separate basis			
c	If "Yes" to line 2a or 2b, does the organization have a committee that assumes responsibility for oversight of the audit, review, or compilation of its financial statements and selection of an independent accountant?	2c	X	
	If the organization changed either its oversight process or selection process during the tax year, explain on Schedule O.			
3a	As a result of a federal award, was the organization required to undergo an audit or audits as set forth in the Single Audit Act and OMB Circular A-133?	3a		X
b	If "Yes," did the organization undergo the required audit or audits? If the organization did not undergo the required audit or audits, explain why on Schedule O and describe any steps taken to undergo such audits	3b		

SCHEDULE A
(Form 990)

Department of the Treasury
Internal Revenue Service

Public Charity Status and Public Support

Complete if the organization is a section 501(c)(3) organization or a section 4947(a)(1) nonexempt charitable trust.
▶ Attach to Form 990 or Form 990-EZ.
▶ Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

2021

Open to Public Inspection

Name of the organization

UNITED CHARITABLE

Employer identification number

20-4286082

Part I Reason for Public Charity Status. (All organizations must complete this part.) See instructions.

The organization is not a private foundation because it is: (For lines 1 through 12, check only one box.)

1 ☐ A church, convention of churches, or association of churches described in **section 170(b)(1)(A)(i).**
2 ☐ A school described in **section 170(b)(1)(A)(ii).** (Attach Schedule E (Form 990).)
3 ☐ A hospital or a cooperative hospital service organization described in **section 170(b)(1)(A)(iii).**
4 ☐ A medical research organization operated in conjunction with a hospital described in **section 170(b)(1)(A)(iii).** Enter the hospital's name, city, and state: _____
5 ☐ An organization operated for the benefit of a college or university owned or operated by a governmental unit described in **section 170(b)(1)(A)(iv).** (Complete Part II.)
6 ☐ A federal, state, or local government or governmental unit described in **section 170(b)(1)(A)(v).**
7 ☒ An organization that normally receives a substantial part of its support from a governmental unit or from the general public described in **section 170(b)(1)(A)(vi).** (Complete Part II.)
8 ☐ A community trust described in **section 170(b)(1)(A)(vi).** (Complete Part II.)
9 ☐ An agricultural research organization described in **section 170(b)(1)(A)(ix)** operated in conjunction with a land-grant college or university or a non-land-grant college of agriculture (see instructions). Enter the name, city, and state of the college or university: _____
10 ☐ An organization that normally receives (1) more than 33 1/3% of its support from contributions, membership fees, and gross receipts from activities related to its exempt functions, subject to certain exceptions; and (2) no more than 33 1/3% of its support from gross investment income and unrelated business taxable income (less section 511 tax) from businesses acquired by the organization after June 30, 1975. See **section 509(a)(2).** (Complete Part III.)
11 ☐ An organization organized and operated exclusively to test for public safety. See **section 509(a)(4).**
12 ☐ An organization organized and operated exclusively for the benefit of, to perform the functions of, or to carry out the purposes of one or more publicly supported organizations described in **section 509(a)(1)** or **section 509(a)(2)**. See **section 509(a)(3).** Check the box on lines 12a through 12d that describes the type of supporting organization and complete lines 12e, 12f, and 12g.

a ☐ **Type I.** A supporting organization operated, supervised, or controlled by its supported organization(s), typically by giving the supported organization(s) the power to regularly appoint or elect a majority of the directors or trustees of the supporting organization. **You must complete Part IV, Sections A and B.**
b ☐ **Type II.** A supporting organization supervised or controlled in connection with its supported organization(s), by having control or management of the supporting organization vested in the same persons that control or manage the supported organization(s). **You must complete Part IV, Sections A and C.**
c ☐ **Type III functionally integrated.** A supporting organization operated in connection with, and functionally integrated with, its supported organization(s) (see instructions). **You must complete Part IV, Sections A, D, and E.**
d ☐ **Type III non-functionally integrated.** A supporting organization operated in connection with its supported organization(s) that is not functionally integrated. The organization generally must satisfy a distribution requirement and an attentiveness requirement (see instructions). **You must complete Part IV, Sections A and D, and Part V.**
e ☐ Check this box if the organization received a written determination from the IRS that it is a Type I, Type II, Type III functionally integrated, or Type III non-functionally integrated supporting organization.
f Enter the number of supported organizations .....
g Provide the following information about the supported organization(s).

(i) Name of supported organization	(ii) EIN	(iii) Type of organization (described on lines 1-10 above (see instructions))	(iv) Is the organization listed in your governing document? Yes	(iv) No	(v) Amount of monetary support (see instructions)	(vi) Amount of other support (see instructions)
Total						

Part II Support Schedule for Organizations Described in Sections 170(b)(1)(A)(iv) and 170(b)(1)(A)(vi)

(Complete only if you checked the box on line 5, 7, or 8 of Part I or if the organization failed to qualify under Part III. If the organization fails to qualify under the tests listed below, please complete Part III.)

Section A. Public Support

Calendar year (or fiscal year beginning in) ▶	(a) 2017	(b) 2018	(c) 2019	(d) 2020	(e) 2021	(f) Total
1 Gifts, grants, contributions, and membership fees received. (Do not include any "unusual grants.")	24798658.	75475310.	25695500.	8225627.	17083907.	151279002
2 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
3 The value of services or facilities furnished by a governmental unit to the organization without charge						
4 **Total.** Add lines 1 through 3	24798658.	75475310.	25695500.	8225627.	17083907.	151279002
5 The portion of total contributions by each person (other than a governmental unit or publicly supported organization) included on line 1 that exceeds 2% of the amount shown on line 11, column (f)						21858685.
6 **Public support.** Subtract line 5 from line 4.						129420317

Section B. Total Support

Calendar year (or fiscal year beginning in) ▶	(a) 2017	(b) 2018	(c) 2019	(d) 2020	(e) 2021	(f) Total
7 Amounts from line 4	24798658.	75475310.	25695500.	8225627.	17083907.	151279002
8 Gross income from interest, dividends, payments received on securities loans, rents, royalties, and income from similar sources	1063724.	1281942.	4080769.	6521019.	1737997.	14685451.
9 Net income from unrelated business activities, whether or not the business is regularly carried on						
10 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.)						
11 **Total support.** Add lines 7 through 10						165964453

12 Gross receipts from related activities, etc. (see instructions) 12

13 **First 5 years.** If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and **stop here** ▶ ☐

Section C. Computation of Public Support Percentage

14 Public support percentage for 2021 (line 6, column (f), divided by line 11, column (f))	14	77.98 %
15 Public support percentage from 2020 Schedule A, Part II, line 14	15	80.61 %

16a **33 1/3% support test - 2021.** If the organization did not check the box on line 13, and line 14 is 33 1/3% or more, check this box and **stop here.** The organization qualifies as a publicly supported organization ▶ ☒

b **33 1/3% support test - 2020.** If the organization did not check a box on line 13 or 16a, and line 15 is 33 1/3% or more, check this box and **stop here.** The organization qualifies as a publicly supported organization ▶ ☐

17a **10% -facts-and-circumstances test - 2021.** If the organization did not check a box on line 13, 16a, or 16b, and line 14 is 10% or more, and if the organization meets the facts-and-circumstances test, check this box and **stop here.** Explain in Part VI how the organization meets the facts-and-circumstances test. The organization qualifies as a publicly supported organization ▶ ☐

b **10% -facts-and-circumstances test - 2020.** If the organization did not check a box on line 13, 16a, 16b, or 17a, and line 15 is 10% or more, and if the organization meets the facts-and-circumstances test, check this box and **stop here.** Explain in Part VI how the organization meets the facts-and-circumstances test. The organization qualifies as a publicly supported organization ▶ ☐

18 **Private foundation.** If the organization did not check a box on line 13, 16a, 16b, 17a, or 17b, check this box and see instructions ▶ ☐

Part III Support Schedule for Organizations Described in Section 509(a)(2)

(Complete only if you checked the box on line 10 of Part I or if the organization failed to qualify under Part II. If the organization fails to qualify under the tests listed below, please complete Part II.)

Section A. Public Support

Calendar year (or fiscal year beginning in) ▶	(a) 2017	(b) 2018	(c) 2019	(d) 2020	(e) 2021	(f) Total
1 Gifts, grants, contributions, and membership fees received. (Do not include any "unusual grants.")						
2 Gross receipts from admissions, merchandise sold or services performed, or facilities furnished in any activity that is related to the organization's tax-exempt purpose						
3 Gross receipts from activities that are not an unrelated trade or business under section 513						
4 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
5 The value of services or facilities furnished by a governmental unit to the organization without charge						
6 **Total.** Add lines 1 through 5						
7a Amounts included on lines 1, 2, and 3 received from disqualified persons						
b Amounts included on lines 2 and 3 received from other than disqualified persons that exceed the greater of $5,000 or 1% of the amount on line 13 for the year						
c Add lines 7a and 7b						
8 **Public support.** (Subtract line 7c from line 6.)						

Section B. Total Support

Calendar year (or fiscal year beginning in) ▶	(a) 2017	(b) 2018	(c) 2019	(d) 2020	(e) 2021	(f) Total
9 Amounts from line 6						
10a Gross income from interest, dividends, payments received on securities loans, rents, royalties, and income from similar sources						
b Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975						
c Add lines 10a and 10b						
11 Net income from unrelated business activities not included on line 10b, whether or not the business is regularly carried on						
12 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.)						
13 **Total support.** (Add lines 9, 10c, 11, and 12.)						

14 **First 5 years.** If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and **stop here** ▶ ☐

Section C. Computation of Public Support Percentage

15 Public support percentage for 2021 (line 8, column (f), divided by line 13, column (f))	15	%
16 Public support percentage from 2020 Schedule A, Part III, line 15	16	%

Section D. Computation of Investment Income Percentage

17 Investment income percentage for **2021** (line 10c, column (f), divided by line 13, column (f))	17	%
18 Investment income percentage from **2020** Schedule A, Part III, line 17	18	%

19a **33 1/3% support tests - 2021.** If the organization did not check the box on line 14, and line 15 is more than 33 1/3%, and line 17 is not more than 33 1/3%, check this box and **stop here.** The organization qualifies as a publicly supported organization ▶ ☐

b **33 1/3% support tests - 2020.** If the organization did not check a box on line 14 or line 19a, and line 16 is more than 33 1/3%, and line 18 is not more than 33 1/3%, check this box and **stop here.** The organization qualifies as a publicly supported organization ▶ ☐

20 **Private foundation.** If the organization did not check a box on line 14, 19a, or 19b, check this box and see instructions ▶ ☐

Part IV Supporting Organizations

(Complete only if you checked a box in line 12 on Part I. If you checked box 12a, Part I, complete Sections A and B. If you checked box 12b, Part I, complete Sections A and C. If you checked box 12c, Part I, complete Sections A, D, and E. If you checked box 12d, Part I, complete Sections A and D, and complete Part V.)

Section A. All Supporting Organizations

			Yes	No
1	Are all of the organization's supported organizations listed by name in the organization's governing documents? *If "No," describe in* **Part VI** *how the supported organizations are designated. If designated by class or purpose, describe the designation. If historic and continuing relationship, explain.*	1		
2	Did the organization have any supported organization that does not have an IRS determination of status under section 509(a)(1) or (2)? *If "Yes," explain in* **Part VI** *how the organization determined that the supported organization was described in section 509(a)(1) or (2).*	2		
3a	Did the organization have a supported organization described in section 501(c)(4), (5), or (6)? *If "Yes," answer lines 3b and 3c below.*	3a		
b	Did the organization confirm that each supported organization qualified under section 501(c)(4), (5), or (6) and satisfied the public support tests under section 509(a)(2)? *If "Yes," describe in* **Part VI** *when and how the organization made the determination.*	3b		
c	Did the organization ensure that all support to such organizations was used exclusively for section 170(c)(2)(B) purposes? *If "Yes," explain in* **Part VI** *what controls the organization put in place to ensure such use.*	3c		
4a	Was any supported organization not organized in the United States ("foreign supported organization")? *If "Yes," and if you checked box 12a or 12b in Part I, answer lines 4b and 4c below.*	4a		
b	Did the organization have ultimate control and discretion in deciding whether to make grants to the foreign supported organization? *If "Yes," describe in* **Part VI** *how the organization had such control and discretion despite being controlled or supervised by or in connection with its supported organizations.*	4b		
c	Did the organization support any foreign supported organization that does not have an IRS determination under sections 501(c)(3) and 509(a)(1) or (2)? *If "Yes," explain in* **Part VI** *what controls the organization used to ensure that all support to the foreign supported organization was used exclusively for section 170(c)(2)(B) purposes.*	4c		
5a	Did the organization add, substitute, or remove any supported organizations during the tax year? *If "Yes," answer lines 5b and 5c below (if applicable). Also, provide detail in* **Part VI,** *including (i) the names and EIN numbers of the supported organizations added, substituted, or removed; (ii) the reasons for each such action; (iii) the authority under the organization's organizing document authorizing such action; and (iv) how the action was accomplished (such as by amendment to the organizing document).*	5a		
b	**Type I or Type II only.** Was any added or substituted supported organization part of a class already designated in the organization's organizing document?	5b		
c	**Substitutions only.** Was the substitution the result of an event beyond the organization's control?	5c		
6	Did the organization provide support (whether in the form of grants or the provision of services or facilities) to anyone other than (i) its supported organizations, (ii) individuals that are part of the charitable class benefited by one or more of its supported organizations, or (iii) other supporting organizations that also support or benefit one or more of the filing organization's supported organizations? *If "Yes," provide detail in* **Part VI.**	6		
7	Did the organization provide a grant, loan, compensation, or other similar payment to a substantial contributor (as defined in section 4958(c)(3)(C)), a family member of a substantial contributor, or a 35% controlled entity with regard to a substantial contributor? *If "Yes," complete Part I of Schedule L (Form 990).*	7		
8	Did the organization make a loan to a disqualified person (as defined in section 4958) not described on line 7? *If "Yes," complete Part I of Schedule L (Form 990).*	8		
9a	Was the organization controlled directly or indirectly at any time during the tax year by one or more disqualified persons, as defined in section 4946 (other than foundation managers and organizations described in section 509(a)(1) or (2))? *If "Yes," provide detail in* **Part VI.**	9a		
b	Did one or more disqualified persons (as defined on line 9a) hold a controlling interest in any entity in which the supporting organization had an interest? *If "Yes," provide detail in* **Part VI.**	9b		
c	Did a disqualified person (as defined on line 9a) have an ownership interest in, or derive any personal benefit from, assets in which the supporting organization also had an interest? *If "Yes," provide detail in* **Part VI.**	9c		
10a	Was the organization subject to the excess business holdings rules of section 4943 because of section 4943(f) (regarding certain Type II supporting organizations, and all Type III non-functionally integrated supporting organizations)? *If "Yes," answer line 10b below.*	10a		
b	Did the organization have any excess business holdings in the tax year? *(Use Schedule C, Form 4720, to determine whether the organization had excess business holdings.)*	10b		

Part IV Supporting Organizations *(continued)*

		Yes	No
11	Has the organization accepted a gift or contribution from any of the following persons?		
a	A person who directly or indirectly controls, either alone or together with persons described on lines 11b and 11c below, the governing body of a supported organization?	**11a**	
b	A family member of a person described on line 11a above?	**11b**	
c	A 35% controlled entity of a person described on line 11a or 11b above? *If "Yes" to line 11a, 11b, or 11c, provide detail in* **Part VI.**	**11c**	

Section B. Type I Supporting Organizations

		Yes	No
1	Did the governing body, members of the governing body, officers acting in their official capacity, or membership of one or more supported organizations have the power to regularly appoint or elect at least a majority of the organization's officers, directors, or trustees at all times during the tax year? *If "No," describe in* **Part VI** *how the supported organization(s) effectively operated, supervised, or controlled the organization's activities. If the organization had more than one supported organization, describe how the powers to appoint and/or remove officers, directors, or trustees were allocated among the supported organizations and what conditions or restrictions, if any, applied to such powers during the tax year.*	**1**	
2	Did the organization operate for the benefit of any supported organization other than the supported organization(s) that operated, supervised, or controlled the supporting organization? *If "Yes," explain in* **Part VI** *how providing such benefit carried out the purposes of the supported organization(s) that operated, supervised, or controlled the supporting organization.*	**2**	

Section C. Type II Supporting Organizations

		Yes	No
1	Were a majority of the organization's directors or trustees during the tax year also a majority of the directors or trustees of each of the organization's supported organization(s)? *If "No," describe in* **Part VI** *how control or management of the supporting organization was vested in the same persons that controlled or managed the supported organization(s).*	**1**	

Section D. All Type III Supporting Organizations

		Yes	No
1	Did the organization provide to each of its supported organizations, by the last day of the fifth month of the organization's tax year, (i) a written notice describing the type and amount of support provided during the prior tax year, (ii) a copy of the Form 990 that was most recently filed as of the date of notification, and (iii) copies of the organization's governing documents in effect on the date of notification, to the extent not previously provided?	**1**	
2	Were any of the organization's officers, directors, or trustees either (i) appointed or elected by the supported organization(s) or (ii) serving on the governing body of a supported organization? *If "No," explain in* **Part VI** *how the organization maintained a close and continuous working relationship with the supported organization(s).*	**2**	
3	By reason of the relationship described on line 2, above, did the organization's supported organizations have a significant voice in the organization's investment policies and in directing the use of the organization's income or assets at all times during the tax year? *If "Yes," describe in* **Part VI** *the role the organization's supported organizations played in this regard.*	**3**	

Section E. Type III Functionally Integrated Supporting Organizations

1 *Check the box next to the method that the organization used to satisfy the Integral Part Test during the year* **(see instructions).**

a ☐ The organization satisfied the Activities Test. *Complete* **line 2** *below.*

b ☐ The organization is the parent of each of its supported organizations. *Complete* **line 3** *below.*

c ☐ The organization supported a governmental entity. *Describe in* **Part VI** *how you supported a governmental entity (see instructions).*

		Yes	No
2	Activities Test. **Answer lines 2a and 2b below.**		
a	Did substantially all of the organization's activities during the tax year directly further the exempt purposes of the supported organization(s) to which the organization was responsive? *If "Yes," then in* **Part VI identify those supported organizations and explain** *how these activities directly furthered their exempt purposes, how the organization was responsive to those supported organizations, and how the organization determined that these activities constituted substantially all of its activities.*	**2a**	
b	Did the activities described on line 2a, above, constitute activities that, but for the organization's involvement, one or more of the organization's supported organization(s) would have been engaged in? *If "Yes," explain in* **Part VI** *the reasons for the organization's position that its supported organization(s) would have engaged in these activities but for the organization's involvement.*	**2b**	
3	Parent of Supported Organizations. **Answer lines 3a and 3b below.**		
a	Did the organization have the power to regularly appoint or elect a majority of the officers, directors, or trustees of each of the supported organizations? *If "Yes" or "No" provide details in* **Part VI.**	**3a**	
b	Did the organization exercise a substantial degree of direction over the policies, programs, and activities of each of its supported organizations? *If "Yes," describe in* **Part VI** *the role played by the organization in this regard.*	**3b**	

Part V Type III Non-Functionally Integrated 509(a)(3) Supporting Organizations

1 ☐ Check here if the organization satisfied the Integral Part Test as a qualifying trust on Nov. 20, 1970 (*explain in* **Part VI**). **See instructions.** All other Type III non-functionally integrated supporting organizations must complete Sections A through E.

Section A - Adjusted Net Income		(A) Prior Year	(B) Current Year (optional)
1 Net short-term capital gain	1		
2 Recoveries of prior-year distributions	2		
3 Other gross income (see instructions)	3		
4 Add lines 1 through 3.	4		
5 Depreciation and depletion	5		
6 Portion of operating expenses paid or incurred for production or collection of gross income or for management, conservation, or maintenance of property held for production of income (see instructions)	6		
7 Other expenses (see instructions)	7		
8 **Adjusted Net Income** (subtract lines 5, 6, and 7 from line 4)	8		

Section B - Minimum Asset Amount		(A) Prior Year	(B) Current Year (optional)
1 Aggregate fair market value of all non-exempt-use assets (see instructions for short tax year or assets held for part of year):			
a Average monthly value of securities	1a		
b Average monthly cash balances	1b		
c Fair market value of other non-exempt-use assets	1c		
d **Total** (add lines 1a, 1b, and 1c)	1d		
e **Discount** claimed for blockage or other factors (*explain in detail in* **Part VI**):			
2 Acquisition indebtedness applicable to non-exempt-use assets	2		
3 Subtract line 2 from line 1d.	3		
4 Cash deemed held for exempt use. Enter 0.015 of line 3 (for greater amount, see instructions).	4		
5 Net value of non-exempt-use assets (subtract line 4 from line 3)	5		
6 Multiply line 5 by 0.035.	6		
7 Recoveries of prior-year distributions	7		
8 **Minimum Asset Amount** (add line 7 to line 6)	8		

Section C - Distributable Amount			Current Year
1 Adjusted net income for prior year (from Section A, line 8, column A)	1		
2 Enter 0.85 of line 1.	2		
3 Minimum asset amount for prior year (from Section B, line 8, column A)	3		
4 Enter greater of line 2 or line 3.	4		
5 Income tax imposed in prior year	5		
6 **Distributable Amount.** Subtract line 5 from line 4, unless subject to emergency temporary reduction (see instructions).	6		

7 ☐ Check here if the current year is the organization's first as a non-functionally integrated Type III supporting organization (see instructions).

Part V **Type III Non-Functionally Integrated 509(a)(3) Supporting Organizations** *(continued)*

Section D - Distributions			**Current Year**
1	Amounts paid to supported organizations to accomplish exempt purposes	1	
2	Amounts paid to perform activity that directly furthers exempt purposes of supported organizations, in excess of income from activity	2	
3	Administrative expenses paid to accomplish exempt purposes of supported organizations	3	
4	Amounts paid to acquire exempt-use assets	4	
5	Qualified set-aside amounts (prior IRS approval required - *provide details in* **Part VI**)	5	
6	Other distributions (*describe in* **Part VI**). See instructions.	6	
7	**Total annual distributions.** Add lines 1 through 6.	7	
8	Distributions to attentive supported organizations to which the organization is responsive (*provide details in* **Part VI**). See instructions.	8	
9	Distributable amount for 2021 from Section C, line 6	9	
10	Line 8 amount divided by line 9 amount	10	

Section E - Distribution Allocations (see instructions)		**(i) Excess Distributions**	**(ii) Underdistributions Pre-2021**	**(iii) Distributable Amount for 2021**
1	Distributable amount for 2021 from Section C, line 6			
2	Underdistributions, if any, for years prior to 2021 (reasonable cause required - *explain in* **Part VI**). See instructions.			
3	Excess distributions carryover, if any, to 2021			
a	From 2016			
b	From 2017			
c	From 2018			
d	From 2019			
e	From 2020			
f	**Total** of lines 3a through 3e			
g	Applied to underdistributions of prior years			
h	Applied to 2021 distributable amount			
i	Carryover from 2016 not applied (see instructions)			
j	Remainder. Subtract lines 3g, 3h, and 3i from line 3f.			
4	Distributions for 2021 from Section D, line 7: $			
a	Applied to underdistributions of prior years			
b	Applied to 2021 distributable amount			
c	Remainder. Subtract lines 4a and 4b from line 4.			
5	Remaining underdistributions for years prior to 2021, if any. Subtract lines 3g and 4a from line 2. For result greater than zero, *explain in* **Part VI.** See instructions.			
6	Remaining underdistributions for 2021. Subtract lines 3h and 4b from line 1. For result greater than zero, *explain in* **Part VI**. See instructions.			
7	**Excess distributions carryover to 2022.** Add lines 3j and 4c.			
8	Breakdown of line 7:			
a	Excess from 2017			
b	Excess from 2018			
c	Excess from 2019			
d	Excess from 2020			
e	Excess from 2021			

Part VI **Supplemental Information.** Provide the explanations required by Part II, line 10; Part II, line 17a or 17b; Part III, line 12; Part IV, Section A, lines 1, 2, 3b, 3c, 4b, 4c, 5a, 6, 9a, 9b, 9c, 11a, 11b, and 11c; Part IV, Section B, lines 1 and 2; Part IV, Section C, line 1; Part IV, Section D, lines 2 and 3; Part IV, Section E, lines 1c, 2a, 2b, 3a, and 3b; Part V, line 1; Part V, Section B, line 1e; Part V, Section D, lines 5, 6, and 8; and Part V, Section E, lines 2, 5, and 6. Also complete this part for any additional information. (See instructions.)

Schedule B
(Form 990)

Department of the Treasury
Internal Revenue Service

Schedule of Contributors

▶ Attach to Form 990 or Form 990-PF.
▶ Go to www.irs.gov/Form990 for the latest information.

OMB No. 1545-0047

2021

Name of the organization

UNITED CHARITABLE

Employer identification number

20-4286082

Organization type (check one):

Filers of:	**Section:**
Form 990 or 990-EZ	[X] 501(c)(3) (enter number) organization
	[ ] 4947(a)(1) nonexempt charitable trust **not** treated as a private foundation
	[ ] 527 political organization
Form 990-PF	[ ] 501(c)(3) exempt private foundation
	[ ] 4947(a)(1) nonexempt charitable trust treated as a private foundation
	[ ] 501(c)(3) taxable private foundation

Check if your organization is covered by the **General Rule** or a **Special Rule.**
Note: Only a section 501(c)(7), (8), or (10) organization can check boxes for both the General Rule and a Special Rule. See instructions.

General Rule

[ ] For an organization filing Form 990, 990-EZ, or 990-PF that received, during the year, contributions totaling $5,000 or more (in money or property) from any one contributor. Complete Parts I and II. See instructions for determining a contributor's total contributions.

Special Rules

[X] For an organization described in section 501(c)(3) filing Form 990 or 990-EZ that met the 33 1/3% support test of the regulations under sections 509(a)(1) and 170(b)(1)(A)(vi), that checked Schedule A (Form 990), Part II, line 13, 16a, or 16b, and that received from any one contributor, during the year, total contributions of the greater of **(1)** $5,000; or **(2)** 2% of the amount on (i) Form 990, Part VIII, line 1h; or (ii) Form 990-EZ, line 1. Complete Parts I and II.

[ ] For an organization described in section 501(c)(7), (8), or (10) filing Form 990 or 990-EZ that received from any one contributor, during the year, total contributions of more than $1,000 exclusively for religious, charitable, scientific, literary, or educational purposes, or for the prevention of cruelty to children or animals. Complete Parts I (entering "N/A" in column (b) instead of the contributor name and address), II, and III.

[ ] For an organization described in section 501(c)(7), (8), or (10) filing Form 990 or 990-EZ that received from any one contributor, during the year, contributions *exclusively* for religious, charitable, etc., purposes, but no such contributions totaled more than $1,000. If this box is checked, enter here the total contributions that were received during the year for an *exclusively* religious, charitable, etc., purpose. Don't complete any of the parts unless the **General Rule** applies to this organization because it received *nonexclusively* religious, charitable, etc., contributions totaling $5,000 or more during the year ..... ▶ $ _____

Caution: An organization that isn't covered by the General Rule and/or the Special Rules doesn't file Schedule B (Form 990), but it **must** answer "No" on Part IV, line 2, of its Form 990; or check the box on line H of its Form 990-EZ or on its Form 990-PF, Part I, line 2, to certify that it doesn't meet the filing requirements of Schedule B (Form 990).

Name of organization

UNITED CHARITABLE

Employer identification number

20-4286082

Part I **Contributors** (see instructions). Use duplicate copies of Part I if additional space is needed.

(a) No.	(b) Name, address, and ZIP + 4	(c) Total contributions	(d) Type of contribution
1		$ 1,808,000.	Person ☐ Payroll ☐ Noncash ☒ (Complete Part II for noncash contributions.)
2		$ 1,324,750.	Person ☒ Payroll ☐ Noncash ☐ (Complete Part II for noncash contributions.)
3		$ 1,000,000.	Person ☒ Payroll ☐ Noncash ☐ (Complete Part II for noncash contributions.)
4		$ 500,000.	Person ☒ Payroll ☐ Noncash ☐ (Complete Part II for noncash contributions.)
5		$ 403,300.	Person ☐ Payroll ☐ Noncash ☒ (Complete Part II for noncash contributions.)
		$	Person ☐ Payroll ☐ Noncash ☐ (Complete Part II for noncash contributions.)

Name of organization: UNITED CHARITABLE

Employer identification number: 20-4286082

Part II Noncash Property (see instructions). Use duplicate copies of Part II if additional space is needed.

(a) No. from Part I	(b) Description of noncash property given	(c) FMV (or estimate) (See instructions.)	(d) Date received
1	LLC INTEREST	$ 1,808,000.	12/01/21
(a) No. from Part I	(b) Description of noncash property given	(c) FMV (or estimate) (See instructions.)	(d) Date received
5	LLC INTEREST	$ 403,300.	10/26/21
(a) No. from Part I	(b) Description of noncash property given	(c) FMV (or estimate) (See instructions.)	(d) Date received
		$	
(a) No. from Part I	(b) Description of noncash property given	(c) FMV (or estimate) (See instructions.)	(d) Date received
		$	
(a) No. from Part I	(b) Description of noncash property given	(c) FMV (or estimate) (See instructions.)	(d) Date received
		$	
(a) No. from Part I	(b) Description of noncash property given	(c) FMV (or estimate) (See instructions.)	(d) Date received
		$	

Name of organization

UNITED CHARITABLE

Employer identification number

20-4286082

Part III **Exclusively religious, charitable, etc., contributions to organizations described in section 501(c)(7), (8), or (10) that total more than $1,000 for the year from any one contributor.** Complete columns **(a)** through **(e) and** the following line entry. For organizations completing Part III, enter the total of exclusively religious, charitable, etc., contributions of **$1,000 or less** for the year. (Enter this info. once.) ▶ $

Use duplicate copies of Part III if additional space is needed.

(a) No. from Part I	(b) Purpose of gift	(c) Use of gift	(d) Description of how gift is held

(e) Transfer of gift

Transferee's name, address, and ZIP + 4	Relationship of transferor to transferee

(a) No. from Part I	(b) Purpose of gift	(c) Use of gift	(d) Description of how gift is held

(e) Transfer of gift

Transferee's name, address, and ZIP + 4	Relationship of transferor to transferee

(a) No. from Part I	(b) Purpose of gift	(c) Use of gift	(d) Description of how gift is held

(e) Transfer of gift

Transferee's name, address, and ZIP + 4	Relationship of transferor to transferee

(a) No. from Part I	(b) Purpose of gift	(c) Use of gift	(d) Description of how gift is held

(e) Transfer of gift

Transferee's name, address, and ZIP + 4	Relationship of transferor to transferee

SCHEDULE D (Form 990)

Department of the Treasury
Internal Revenue Service

Supplemental Financial Statements

▶ Complete if the organization answered "Yes" on Form 990, Part IV, line 6, 7, 8, 9, 10, 11a, 11b, 11c, 11d, 11e, 11f, 12a, or 12b.
▶ Attach to Form 990.
▶ Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

2021

Open to Public Inspection

Name of the organization
UNITED CHARITABLE

Employer identification number
20-4286082

Part I Organizations Maintaining Donor Advised Funds or Other Similar Funds or Accounts.

Complete if the organization answered "Yes" on Form 990, Part IV, line 6.

		(a) Donor advised funds	(b) Funds and other accounts
1	Total number at end of year	432	
2	Aggregate value of contributions to (during year)	10,256,600.	
3	Aggregate value of grants from (during year)	3,190,225.	
4	Aggregate value at end of year	207,483,147.	

5 Did the organization inform all donors and donor advisors in writing that the assets held in donor advised funds are the organization's property, subject to the organization's exclusive legal control? [X] Yes [ ] No

6 Did the organization inform all grantees, donors, and donor advisors in writing that grant funds can be used only for charitable purposes and not for the benefit of the donor or donor advisor, or for any other purpose conferring impermissible private benefit? [X] Yes [ ] No

Part II Conservation Easements.

Complete if the organization answered "Yes" on Form 990, Part IV, line 7.

1 Purpose(s) of conservation easements held by the organization (check all that apply).
- [ ] Preservation of land for public use (for example, recreation or education)
- [ ] Preservation of a historically important land area
- [ ] Protection of natural habitat
- [ ] Preservation of a certified historic structure
- [ ] Preservation of open space

2 Complete lines 2a through 2d if the organization held a qualified conservation contribution in the form of a conservation easement on the last day of the tax year.

		Held at the End of the Tax Year
a	Total number of conservation easements 2a	
b	Total acreage restricted by conservation easements 2b	
c	Number of conservation easements on a certified historic structure included in (a) 2c	
d	Number of conservation easements included in (c) acquired after 7/25/06, and not on a historic structure listed in the National Register 2d	

3 Number of conservation easements modified, transferred, released, extinguished, or terminated by the organization during the tax year ▶ _____

4 Number of states where property subject to conservation easement is located ▶ _____

5 Does the organization have a written policy regarding the periodic monitoring, inspection, handling of violations, and enforcement of the conservation easements it holds? [ ] Yes [ ] No

6 Staff and volunteer hours devoted to monitoring, inspecting, handling of violations, and enforcing conservation easements during the year ▶ _____

7 Amount of expenses incurred in monitoring, inspecting, handling of violations, and enforcing conservation easements during the year ▶ $ _____

8 Does each conservation easement reported on line 2(d) above satisfy the requirements of section 170(h)(4)(B)(i) and section 170(h)(4)(B)(ii)? [ ] Yes [ ] No

9 In Part XIII, describe how the organization reports conservation easements in its revenue and expense statement and balance sheet, and include, if applicable, the text of the footnote to the organization's financial statements that describes the organization's accounting for conservation easements.

Part III Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets.

Complete if the organization answered "Yes" on Form 990, Part IV, line 8.

1a If the organization elected, as permitted under FASB ASC 958, not to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide in Part XIII the text of the footnote to its financial statements that describes these items.

b If the organization elected, as permitted under FASB ASC 958, to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide the following amounts relating to these items:

(i) Revenue included on Form 990, Part VIII, line 1 ▶ $ _____

(ii) Assets included in Form 990, Part X ▶ $ _____

2 If the organization received or held works of art, historical treasures, or other similar assets for financial gain, provide the following amounts required to be reported under FASB ASC 958 relating to these items:

a Revenue included on Form 990, Part VIII, line 1 ▶ $ _____

b Assets included in Form 990, Part X ▶ $ _____

Part III Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets *(continued)*

3 Using the organization's acquisition, accession, and other records, check any of the following that make significant use of its collection items (check all that apply):

a ☐ Public exhibition
b ☐ Scholarly research
c ☐ Preservation for future generations
d ☐ Loan or exchange program
e ☐ Other _____

4 Provide a description of the organization's collections and explain how they further the organization's exempt purpose in Part XIII.

5 During the year, did the organization solicit or receive donations of art, historical treasures, or other similar assets to be sold to raise funds rather than to be maintained as part of the organization's collection? ☐ Yes ☐ No

Part IV Escrow and Custodial Arrangements. Complete if the organization answered "Yes" on Form 990, Part IV, line 9, or reported an amount on Form 990, Part X, line 21.

1a Is the organization an agent, trustee, custodian or other intermediary for contributions or other assets not included on Form 990, Part X? ☐ Yes ☐ No

b If "Yes," explain the arrangement in Part XIII and complete the following table:

		Amount
c Beginning balance	1c	
d Additions during the year	1d	
e Distributions during the year	1e	
f Ending balance	1f	

2a Did the organization include an amount on Form 990, Part X, line 21, for escrow or custodial account liability? ☐ Yes ☐ No

b If "Yes," explain the arrangement in Part XIII. Check here if the explanation has been provided on Part XIII ☐

Part V Endowment Funds. Complete if the organization answered "Yes" on Form 990, Part IV, line 10.

	(a) Current year	(b) Prior year	(c) Two years back	(d) Three years back	(e) Four years back
1a Beginning of year balance					
b Contributions					
c Net investment earnings, gains, and losses					
d Grants or scholarships					
e Other expenditures for facilities and programs					
f Administrative expenses					
g End of year balance					

2 Provide the estimated percentage of the current year end balance (line 1g, column (a)) held as:

a Board designated or quasi-endowment ▶ _____%
b Permanent endowment ▶ _____%
c Term endowment ▶ _____%

The percentages on lines 2a, 2b, and 2c should equal 100%.

3a Are there endowment funds not in the possession of the organization that are held and administered for the organization by:

		Yes	No
(i) Unrelated organizations	3a(i)		
(ii) Related organizations	3a(ii)		
b If "Yes" on line 3a(ii), are the related organizations listed as required on Schedule R?	3b		

4 Describe in Part XIII the intended uses of the organization's endowment funds.

Part VI Land, Buildings, and Equipment.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11a. See Form 990, Part X, line 10.

Description of property	(a) Cost or other basis (investment)	(b) Cost or other basis (other)	(c) Accumulated depreciation	(d) Book value
1a Land				
b Buildings				
c Leasehold improvements				
d Equipment		31,532.	25,799.	5,733.
e Other				
Total. Add lines 1a through 1e. *(Column (d) must equal Form 990, Part X, column (B), line 10c.)* ▶				5,733.

Part VII Investments - Other Securities.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11b. See Form 990, Part X, line 12.

(a) Description of security or category (including name of security)	(b) Book value	(c) Method of valuation: Cost or end-of-year market value
(1) Financial derivatives		
(2) Closely held equity interests	170,159,104.	END-OF-YEAR MARKET VALUE
(3) Other		
(A)		
(B)		
(C)		
(D)		
(E)		
(F)		
(G)		
(H)		
Total. (Col. (b) must equal Form 990, Part X, col. (B) line 12.) ▶	170,159,104.	

Part VIII Investments - Program Related.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11c. See Form 990, Part X, line 13.

(a) Description of investment	(b) Book value	(c) Method of valuation: Cost or end-of-year market value
(1)		
(2)		
(3)		
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
Total. (Col. (b) must equal Form 990, Part X, col. (B) line 13.) ▶		

Part IX Other Assets.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11d. See Form 990, Part X, line 15.

(a) Description	(b) Book value
(1)	
(2)	
(3)	
(4)	
(5)	
(6)	
(7)	
(8)	
(9)	
Total. *(Column (b) must equal Form 990, Part X, col. (B) line 15.)* ▶	

Part X Other Liabilities.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11e or 11f. See Form 990, Part X, line 25.

1. (a) Description of liability	(b) Book value
(1) Federal income taxes	
(2)	
(3)	
(4)	
(5)	
(6)	
(7)	
(8)	
(9)	
Total. *(Column (b) must equal Form 990, Part X, col. (B) line 25.)* ▶	

2. Liability for uncertain tax positions. In Part XIII, provide the text of the footnote to the organization's financial statements that reports the organization's liability for uncertain tax positions under FASB ASC 740. Check here if the text of the footnote has been provided in Part XIII ... X

Schedule D (Form 990) 2021

Part XI Reconciliation of Revenue per Audited Financial Statements With Revenue per Return.

Complete if the organization answered "Yes" on Form 990, Part IV, line 12a.

1	Total revenue, gains, and other support per audited financial statements			1	21,852,512.
2	Amounts included on line 1 but not on Form 990, Part VIII, line 12:				
a	Net unrealized gains (losses) on investments	2a	-254,959.		
b	Donated services and use of facilities	2b			
c	Recoveries of prior year grants	2c			
d	Other (Describe in Part XIII.)	2d	148,113.		
e	Add lines **2a** through **2d**			2e	-106,846.
3	Subtract line **2e** from line **1**			3	21,959,358.
4	Amounts included on Form 990, Part VIII, line 12, but not on line 1:				
a	Investment expenses not included on Form 990, Part VIII, line 7b	4a	225,847.		
b	Other (Describe in Part XIII.)	4b			
c	Add lines **4a** and **4b**			4c	225,847.
5	Total revenue. Add lines **3** and **4c.** *(This must equal Form 990, Part I, line 12.)*			5	22,185,205.

Part XII Reconciliation of Expenses per Audited Financial Statements With Expenses per Return.

Complete if the organization answered "Yes" on Form 990, Part IV, line 12a.

1	Total expenses and losses per audited financial statements			1	10,975,288.
2	Amounts included on line 1 but not on Form 990, Part IX, line 25:				
a	Donated services and use of facilities	2a			
b	Prior year adjustments	2b			
c	Other losses	2c			
d	Other (Describe in Part XIII.)	2d	148,113.		
e	Add lines **2a** through **2d**			2e	148,113.
3	Subtract line **2e** from line **1**			3	10,827,175.
4	Amounts included on Form 990, Part IX, line 25, but not on line 1:				
a	Investment expenses not included on Form 990, Part VIII, line 7b	4a	225,847.		
b	Other (Describe in Part XIII.)	4b			
c	Add lines **4a** and **4b**			4c	225,847.
5	Total expenses. Add lines **3** and **4c.** *(This must equal Form 990, Part I, line 18.)*			5	11,053,022.

Part XIII Supplemental Information.

Provide the descriptions required for Part II, lines 3, 5, and 9; Part III, lines 1a and 4; Part IV, lines 1b and 2b; Part V, line 4; Part X, line 2; Part XI, lines 2d and 4b; and Part XII, lines 2d and 4b. Also complete this part to provide any additional information.

PART X, LINE 2:

UNITED CHARITABLE IS EXEMPT FROM FEDERAL AND STATE INCOME TAXES UNDER SECTION 501(C)(3) OF THE INTERNAL REVENUE CODE; ACCORDINGLY, THE ACCOMPANYING FINANCIAL STATEMENT DO NOT REFLECT A PROVISION OR LIABILITY FOR FEDERAL AND STATE INCOME TAXES. UNITED CHARITABLE FILES FORM 990, RETURN OF ORGANIZATION EXEMPT FROM INCOME TAX, ANNUALLY WITH THE UNITED STATES DEPARTMENT OF THE TREASURY. SUCH ARE SUBJECT TO EXEAMINATION BY TAXING AUTHORITIES, GENERALLY FOR A PERIOD OF THREE YEARS FROM THE DATE THE RETURNS ARE FILED. THE MOST SIGNIFICANT TAX POSITIONS OF UNITED CHARITABLE IS ITS ASSERTION THAT IT IS EXEMPT FROM INCOME TAXES AND ITS DETERMINATION OF WHETHER ANY AMOUNTS ARE SUBJECT TO UNRELATED BUSINESS INCOME TAX. UNITED CHARITABLE ADOPTED THE PROVISIONS OF ACCOUNTING FOR

Part XIII Supplemental Information *(continued)*

UNCERTAINTY IN INCOME TAX POSITIONS AS REQUIRED BY INCOME TAXES (TOPIC 740) OF THE FINANCIAL ACCOUNTING STANDARDS BOARD (FASB) ACCOUNTING STANDARDS CODIFICATION (ASC); HOWEVER, MANAGEMENT DOES NOT BELIEVE IT IS EXPOSED TO ANY SUCH POSITIONS AS DEFINED IN THE GUIDANCE, NOR DO THEY EXPECT THIS TO CHANGE SIGNIFICANTLY OVER THE NEXT 12 MONTHS.

PART XI, LINE 2D - OTHER ADJUSTMENTS:

FUNDRAISING EXPENSES	148,113.

PART XII, LINE 2D - OTHER ADJUSTMENTS:

FUNDRAISING EXPENSES	148,113.

SCHEDULE F (Form 990)

Department of the Treasury
Internal Revenue Service

Statement of Activities Outside the United States

▶ Complete if the organization answered "Yes" on Form 990, Part IV, line 14b, 15, or 16.

▶ Attach to Form 990.

▶ Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

2021

Open to Public Inspection

Name of the organization

UNITED CHARITABLE

Employer identification number

20-4286082

Part I General Information on Activities Outside the United States. Complete if the organization answered "Yes" on Form 990, Part IV, line 14b.

1 **For grantmakers.** Does the organization maintain records to substantiate the amount of its grants and other assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? ..... [X] Yes [ ] No

2 **For grantmakers.** Describe in Part V the organization's procedures for monitoring the use of its grants and other assistance outside the United States.

3 Activities per Region. (The following Part I, line 3 table can be duplicated if additional space is needed.)

(a) Region	(b) Number of offices in the region	(c) Number of employees, agents, and independent contractors in the region	(d) Activities conducted in the region (by type) (such as, fundraising, program services, investments, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in the region	(f) Total expenditures for and investments in the region
CENTRAL AMERICA AND THE CARIBBEAN - ANTIGUA & BARBUDA, ARUBA, BAHAMAS,			GRANTS		65,000.
EAST ASIA AND THE PACIFIC - AUSTRALIA, BRUNEI, BURMA, CAMBODIA,			GRANTS		143,850.
NORTH AMERICA - CANADA AND MEXICO, BUT NOT THE UNITED STATES			GRANTS		26,000.
SOUTH AMERICA - ARGENTINA, BOLIVIA, BRAZIL, CHILE, COLUMBIA, ECUADOR,			GRANTS		18,000.
SOUTH ASIA - AFGHANISTAN, BANGLADESH, BHUTAN, INDIA, MALDIVES,			GRANTS		44,527.
SUB-SAHARAN AFRICA - ANGOLA, BENIN, BOTSWANA, BURKINA FASO,			GRANTS		73,543.
EUROPE (INCLUDING ICELAND & GREENLAND)			GRANTS		32,500.
3 a Subtotal	0	0			403,420.
b Total from continuation sheets to Part I	0	0			0.
c **Totals** (add lines 3a and 3b)	0	0			403,420.

LHA **For Paperwork Reduction Act Notice, see the Instructions for Form 990.** **Schedule F (Form 990) 2021**

132071 12-20-21

Part II **Grants and Other Assistance to Organizations or Entities Outside the United States.** Complete if the organization answered "Yes" on Form 990, Part IV, line 15, for any recipient who received more than $5,000. Part II can be duplicated if additional space is needed.

1 (a) Name of organization	(b) IRS code section and EIN (if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) Manner of cash disbursement	(g) Amount of noncash assistance	(h) Description of noncash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EAST ASIA AND THE PACIFIC		120,850.	WIRE	0.	YOUTH	FMV
		CENTRAL AMERICA CARRIBBEAN		42,000.	WIRE	0.	EDUCATION	FMV
		SOUTH ASIA		40,527.	WIRE	0.	YOUTH	FMV
		SUB-SAHARAN AFRICA		40,123.	WIRE	0.	YOUTH	FMV
		CENTRAL AMERICA CARRIBBEAN		23,000.	WIRE	0.	EDUCATION	FMV
		EUROPE (INCLUDING ICELAND AND GREENLAND)		17,000.	WIRE	0.	COMMUNITY DEVELOPMENT	FMV
		NORTH AMERICA		15,000.	WIRE	0.	YOUTH	FMV
		NORTH AMERICA		10,000.	WIRE	0.	YOUTH	FMV

2 Enter total number of recipient organizations listed above that are recognized as charities by the foreign country, recognized as a tax exempt 501(c)(3) organization by the IRS, or for which the grantee or counsel has provided a section 501(c)(3) equivalency letter ▶

3 Enter total number of other organizations or entities ▶ 18

Schedule F (Form 990) 2021

132072 12-20-21

Part II **Continuation of Grants and Other Assistance to Organizations or Entities Outside the United States.** (Schedule F (Form 990), Part II, line 1)

1 (a) Name of organization	(b) IRS code section and EIN (if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) Manner of cash disbursement	(g) Amount of non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)
		EAST ASIA AND THE PACIFIC		10,000.	WIRE	0.	YOUTH	FMV
		EUROPE (INCLUDING ICELAND AND GREENLAND)		10,000.	WIRE	0.	YOUTH	FMV
		SUB-SAHARAN AFRICA		7,600.	WIRE	0.	YOUTH	FMV
		EUROPE (INCLUDING ICELAND AND GREENLAND)		5,500.	WIRE	0.	YOUTH	FMV
		SUB-SAHARAN AFRICA		5,500.	WIRE	0.	YOUTH	FMV
		SUB-SAHARAN AFRICA		5,300.	WIRE	0.	COMMUNITY DEVELOPMENT	FMV

Part III **Grants and Other Assistance to Individuals Outside the United States.** Complete if the organization answered "Yes" on Form 990, Part IV, line 16.
Part III can be duplicated if additional space is needed.

(a) Type of grant or assistance	(b) Region	(c) Number of recipients	(d) Amount of cash grant	(e) Manner of cash disbursement	(f) Amount of noncash assistance	(g) Description of noncash assistance	(h) Method of valuation (book, FMV, appraisal, other)

Part IV Foreign Forms

1	Was the organization a U.S. transferor of property to a foreign corporation during the tax year? *If "Yes," the organization may be required to file Form 926, Return by a U.S. Transferor of Property to a Foreign Corporation (see Instructions for Form 926)*	☐ Yes	☒ No
2	Did the organization have an interest in a foreign trust during the tax year? *If "Yes," the organization may be required to separately file Form 3520, Annual Return To Report Transactions With Foreign Trusts and Receipt of Certain Foreign Gifts, and/or Form 3520-A, Annual Information Return of Foreign Trust With a U.S. Owner (see Instructions for Forms 3520 and 3520-A; don't file with Form 990)*	☐ Yes	☒ No
3	Did the organization have an ownership interest in a foreign corporation during the tax year? *If "Yes," the organization may be required to file Form 5471, Information Return of U.S. Persons With Respect to Certain Foreign Corporations (see Instructions for Form 5471)*	☐ Yes	☒ No
4	Was the organization a direct or indirect shareholder of a passive foreign investment company or a qualified electing fund during the tax year? *If "Yes," the organization may be required to file Form 8621, Information Return by a Shareholder of a Passive Foreign Investment Company or Qualified Electing Fund (see Instructions for Form 8621)*	☐ Yes	☒ No
5	Did the organization have an ownership interest in a foreign partnership during the tax year? *If "Yes," the organization may be required to file Form 8865, Return of U.S. Persons With Respect to Certain Foreign Partnerships (see Instructions for Form 8865)*	☐ Yes	☒ No
6	Did the organization have any operations in or related to any boycotting countries during the tax year? *If "Yes," the organization may be required to separately file Form 5713, International Boycott Report (see Instructions for Form 5713; don't file with Form 990)*	☐ Yes	☒ No

Part V **Supplemental Information**

Provide the information required by Part I, line 2 (monitoring of funds); Part I, line 3, column (f) (accounting method; amounts of investments vs. expenditures per region); Part II, line 1 (accounting method); Part III (accounting method); and Part III, column (c) (estimated number of recipients), as applicable. Also complete this part to provide any additional information. See instructions.

PART I, LINE 2:

UNITED CHARITABLE HAS ESTABLISHED GUIDELINES WHICH MUST BE FOLLOWED WHEN GIFTS ARE MADE TO CHARITABLE ORGANIZATIONS OUTSIDE THE UNITED STATES. FOR GRANTS TO INTERNATIONAL NON-GOVERNMENTAL ORGANIZATIONS (NGO), UNITED CHARITABLE USES A COMBINATION OF EXPENDITURE RESPONSIBILITY AND CHARITABLE EQUIVALENCY TO DETERMINE THE GRANT WORTHINESS OF A FOREIGN ORGANIZATION. THERE IS A PROCESS OF PREAPPROVAL OF THE ORGANIZATION AS WELL AS APPROVAL FOR PLANNED USE OF FUNDS. AMONG THE REQUIREMENTS IS CONFIRMING THAT THE GRANT WILL NOT VIOLATE GOVERNMENT ORDERS REGARDING FINANCIAL TERRORIST ORGANIZATIONS; REGISTRATION DOCUMENATION SHOWING THAT THE NGO IS APPROPRIATELY REGISTERED AS A CHARITABLE ORGANIZATION IN ITS HOME COUNTRY; RECEIVING DOCUMENATION ON ORGANIZATIONS MISSION, KEY STAFF AND ACTIVITIES; AND RECEIVING REPORTS FROM THE NGO OF EXPENDITURE OF DONATED FUNDS.

SCHEDULE G (Form 990)

Department of the Treasury
Internal Revenue Service

Supplemental Information Regarding Fundraising or Gaming Activities

Complete if the organization answered "Yes" on Form 990, Part IV, line 17, 18, or 19, or if the organization entered more than $15,000 on Form 990-EZ, line 6a.

▶ **Attach to Form 990 or Form 990-EZ.**

▶ **Go to www.irs.gov/Form990 for instructions and the latest information.**

OMB No. 1545-0047

2021

Open to Public Inspection

Name of the organization

UNITED CHARITABLE

Employer identification number

20-4286082

Part I **Fundraising Activities.** Complete if the organization answered "Yes" on Form 990, Part IV, line 17. Form 990-EZ filers are not required to complete this part.

1 Indicate whether the organization raised funds through any of the following activities. Check all that apply.

a ☐ Mail solicitations
b ☐ Internet and email solicitations
c ☐ Phone solicitations
d ☐ In-person solicitations
e ☐ Solicitation of non-government grants
f ☐ Solicitation of government grants
g ☐ Special fundraising events

2 a Did the organization have a written or oral agreement with any individual (including officers, directors, trustees, or key employees listed in Form 990, Part VII) or entity in connection with professional fundraising services? ☐ **Yes** ☐ **No**

b If "Yes," list the 10 highest paid individuals or entities (fundraisers) pursuant to agreements under which the fundraiser is to be compensated at least $5,000 by the organization.

(i) Name and address of individual or entity (fundraiser)	**(ii)** Activity	**(iii)** Did fundraiser have custody or control of contributions? Yes	**(iii)** No	**(iv)** Gross receipts from activity	**(v)** Amount paid to (or retained by) fundraiser listed in col. **(i)**	**(vi)** Amount paid to (or retained by) organization
Total ▶						

3 List all states in which the organization is registered or licensed to solicit contributions or has been notified it is exempt from registration or licensing.

Part II Fundraising Events. Complete if the organization answered "Yes" on Form 990, Part IV, line 18, or reported more than $15,000 of fundraising event contributions and gross income on Form 990-EZ, lines 1 and 6b. List events with gross receipts greater than $5,000.

		(a) Event #1 THF GOLF TOURNAMENT (event type)	(b) Event #2 SNEAKER BALL (event type)	(c) Other events 4 (total number)	(d) Total events (add col. (a) through col. (c))
Revenue	1 Gross receipts	148,118.	74,271.	60,901.	283,290.
	2 Less: Contributions	100,088.	58,674.	19,460.	178,222.
	3 Gross income (line 1 minus line 2)	48,030.	15,597.	41,441.	105,068.
Direct Expenses	4 Cash prizes				
	5 Noncash prizes	1,289.		2,254.	3,543.
	6 Rent/facility costs	53,995.	16,995.	12,692.	83,682.
	7 Food and beverages				
	8 Entertainment				
	9 Other direct expenses	16,235.	26,375.	15,339.	57,949.
	10 Direct expense summary. Add lines 4 through 9 in column (d) ▶				145,174.
	11 Net income summary. Subtract line 10 from line 3, column (d) ▶				-40,106.

Part III Gaming. Complete if the organization answered "Yes" on Form 990, Part IV, line 19, or reported more than $15,000 on Form 990-EZ, line 6a.

		(a) Bingo	(b) Pull tabs/instant bingo/progressive bingo	(c) Other gaming	(d) Total gaming (add col. (a) through col. (c))
Revenue	1 Gross revenue				
Direct Expenses	2 Cash prizes				
	3 Noncash prizes				
	4 Rent/facility costs				
	5 Other direct expenses				
	6 Volunteer labor	☐ Yes ____ % ☐ No	☐ Yes ____ % ☐ No	☐ Yes ____ % ☐ No	
	7 Direct expense summary. Add lines 2 through 5 in column (d) ▶				
	8 Net gaming income summary. Subtract line 7 from line 1, column (d) ▶				

9 Enter the state(s) in which the organization conducts gaming activities: _____

a Is the organization licensed to conduct gaming activities in each of these states? ☐ Yes ☐ No

b If "No," explain: _____

10a Were any of the organization's gaming licenses revoked, suspended, or terminated during the tax year? ☐ Yes ☐ No

b If "Yes," explain: _____

11 Does the organization conduct gaming activities with nonmembers? ☐ Yes ☐ No

12 Is the organization a grantor, beneficiary or trustee of a trust, or a member of a partnership or other entity formed to administer charitable gaming? ☐ Yes ☐ No

13 Indicate the percentage of gaming activity conducted in:

a The organization's facility	13a	%
b An outside facility	13b	%

14 Enter the name and address of the person who prepares the organization's gaming/special events books and records:

Name ▶ _____

Address ▶ _____

15a Does the organization have a contract with a third party from whom the organization receives gaming revenue? ☐ Yes ☐ No

b If "Yes," enter the amount of gaming revenue received by the organization ▶ $ _____ and the amount of gaming revenue retained by the third party ▶ $ _____

c If "Yes," enter name and address of the third party:

Name ▶ _____

Address ▶ _____

16 Gaming manager information:

Name ▶ _____

Gaming manager compensation ▶ $ _____

Description of services provided ▶ _____

☐ Director/officer ☐ Employee ☐ Independent contractor

17 Mandatory distributions:

a Is the organization required under state law to make charitable distributions from the gaming proceeds to retain the state gaming license? ☐ Yes ☐ No

b Enter the amount of distributions required under state law to be distributed to other exempt organizations or spent in the organization's own exempt activities during the tax year ▶ $

Part IV Supplemental Information. Provide the explanations required by Part I, line 2b, columns (iii) and (v); and Part III, lines 9, 9b, 10b, 15b, 15c, 16, and 17b, as applicable. Also provide any additional information. See instructions.

Part IV **Supplemental Information** *(continued)*

SCHEDULE I
(Form 990)

Department of the Treasury
Internal Revenue Service

Grants and Other Assistance to Organizations, Governments, and Individuals in the United States

Complete if the organization answered "Yes" on Form 990, Part IV, line 21 or 22.

▶ **Attach to Form 990.**

▶ **Go to www.irs.gov/Form990 for the latest information.**

OMB No. 1545-0047

2021

Open to Public Inspection

Name of the organization
UNITED CHARITABLE

Employer identification number
20-4286082

Part I **General Information on Grants and Assistance**

1 Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? ..... [X] Yes [ ] No

2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States.

Part II **Grants and Other Assistance to Domestic Organizations and Domestic Governments.** Complete if the organization answered "Yes" on Form 990, Part IV, line 21, for any recipient that received more than $5,000. Part II can be duplicated if additional space is needed.

1 (a) Name and address of organization or government	(b) EIN	(c) IRC section (if applicable)	(d) Amount of cash grant	(e) Amount of noncash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of noncash assistance	(h) Purpose of grant or assistance
CHRISTIAN COMMUNITY FOUNDATION, INC. DBA WATERSTONE - 10807 NEW ALLEGIANCE DR., SUITE 240 - COLORADO SPRINGS, CO 80921	75-1750059	501(C)(3)	2,051,918.	0.			TRANSFER LLC INTEREST TO ANOTHER 501C3
NATIONAL LEGAL FOUNDATION P.O. BOX 64427 VIRGINIA BEACH, VA 23467	54-1325665	501(C)(3)	187,000.	0.			RELIGIOUS LIBERTY LEGAL WORK
IMPACT INVESTING CHARITABLE FOUNDATION - P.O. BOX 25277 - OVERLAND PARK, KS 66225-5277	47-3574130	501(C)(3)	104,000.	0.			SUPPORT MISSION OF IMPACT INVESTING CHARITABLE FOUNDATION
CHANGE A LIFE FOUNDATION 1602 VILLAGE MARKET BLVD SE, SUITE LEESBURG, VA 20175	30-0058798	501(C)(3)	100,000.	0.			DISPLACED AFGANS ARRIVING AT DULLES SUPPORT
NORTHWELL HEALTH FOUNDATION 2000 MARCUS AVENUE NEW HYDE PARK, NY 11042	11-2965575	501(C)(3)	90,000.	0.			FOR PEDIATRIC CARDIOLOGY DIVISION
K'S ANGELS 5917 QUINTA REAL CT EL PASO, TX 79912	81-2313978	501(C)(3)	72,900.	0.			TRANSFER LLC INTEREST TO ANOTHER 501C3

2 Enter total number of section 501(c)(3) and government organizations listed in the line 1 table ..... ▶ 178.

3 Enter total number of other organizations listed in the line 1 table ..... ▶

LHA **For Paperwork Reduction Act Notice, see the Instructions for Form 990.** **Schedule I (Form 990) 2021**

SEE PART IV FOR COLUMN (H) DESCRIPTIONS

132101 10-26-21

Part II **Continuation of Grants and Other Assistance to Domestic Organizations and Domestic Governments** (Schedule I (Form 990), Part II.)

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DOCTORS WITHOUT BORDERS USA, INC. P.O. BOX 5030 HAGERSTOWN, MD 21741-5030	13-3433452	501(C)(3)	65,100.	0.			HUMARNITARIAN MEDICAL AID
RESTORING THE WELLS P.O. BOX 2426 LEESBURG, VA 20177	47-3659333	501(C)(3)	63,000.	0.			MINISTRY
RESET180 1930 ISAAC NEWTON SQUARE, SUITE 203 RESTON, VA 20190	47-1749414	501(C)(3)	60,000.	0.			GENERAL SUPPORT
COMMUNITY CHRISTIAN SERVICE AGENCY, INC. - 4167 RAPPAHANNOCK AVE - SAN DIEGO, CA 92117	95-2830702	501(C)(3)	60,000.	0.			SUPPORT HUMAN SERVICES
DODGERTOWN ELEMENTARY SCHOOL 4350 43RD AVE VERO BEACH, FL 32967	59-6000673	501(C)(3)	60,000.	0.			SMARTLAB FOR THE MEDIA CENTER
ST. JOHN PAULL II CATHOLIC CHURCH PARISH - 1607 N WEST ST - CARROLL, IA 51401	83-0767594	501(C)(3)	59,980.	0.			RELIGIOUS
SUSAN G. KOMEN BREAST CANCER FOUNDATION - 13770 NOEL ROAD SUITE 801889 - DALLAS, TX 75380	75-1835298	501(C)(3)	50,500.	0.			CANCER RESEARCH
ST. VINCENT DE PAUL SOCIETY 3001 E. 30TH STREET INDIANAPOLIS, IN 46218	37-1507632	501(C)(3)	40,000.	0.			ENABLE THEM TO CONTINUE SERVING THE POOR IN INDIANAPOLIS.
MASTER'S ACADEMY OF VERO BEACH 1105 58TH AVE VERO BEACH, FL 32966	04-3770235	501(C)(3)	35,195.	0.			MASTER'S VO-TECH HIGH SCHOOL - ACE SOFTWARE SET UP AND CONTRACT SUPPORT, PACES CURRICULUM, FIRST

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FORCEY BIBLE CHURCH 2130 E. RANDOLPH ROAD SILVER SPRING, MD 20904	53-0178404	501(C)(3)	35,000.	0.			PASTOR AND STAFF APPRECIATION GIFT
ST JUDE CHILDRENS RESEARCH HOSPITAL - 501 ST. JUDE PLACE - MEMPHIS, TN 38105	62-0646012	501(C)(3)	32,250.	0.			TO PROVIDE CARE FOR THOSE WHO NEED IT MOST
NATIONAL COMMUNITY CHURCH 205 F ST NE WASHINGTON, DC 20002	52-2016840	501(C)(3)	30,150.	0.			GENERAL USE -CAPITAL HILL
CROWN POINT COMMUNITY FOUNDATION INC - 115 S COURT STREET - CROWN POINT, IN 46307	31-0247014	501(C)(3)	30,050.	0.			GENERAL SUPPORT
CHILDREN'S COMMUNITY SCHOOL 211 PARKWAY DRIVE MOUNT HOREB, WI 53572	39-1247212	501(C)(3)	30,000.	0.			FOR CAPITAL CAMPAIGN TO BUILD A NEW SCHOOL BUILDING.
SCHOOLCRAFT COLLEGE FOUNDATION 18600 HAGGERTY ROAD LIVONIA, MI 48152	23-7013727	501(C)(3)	26,000.	0.			2021-2022 DEI STARS PROGRAM SUPPORT - YEAR 2
ACROSS NATIONS P.O. BOX 9090 WINDOW ROCK, AZ 86515	85-6007207	501(C)(3)	24,840.	0.			STEVE AND SHARON MAUS FUND
ZIONSVILLE PRESBYTERIAN CHURCH 4775 W 116TH ST. ZIONSVILLE, IN 46077	35-1617555	501(C)(3)	23,000.	0.			NOAH'S ARC, FOOD PANTRY, ZPC GENERAL OPERATING
AMERICAN ASSOCIATION FOR CANCER RESEARCH - 615 CHESTNUT ST STE 1700 - PHILADELPHIA, PA 19106	23-6251648	501(C)(3)	23,000.	0.			CANCER RESEARCH

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THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS - 50 EAST NORTH TEMPLE, FLOOR 22 - SALT LAKE CITY, UT 84150	87-0234341	501(C)(3)	22,275.	0.			SUPPORT RELIGIOUS ACTIVITIES OF THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS
ST MICHAEL THE ARCHANGEL ORTHODOX CHURCH - 26355 WEST CHICAGO ROAD - REDFORD, MI 48239	38-6066692	501(C)(3)	22,099.	0.			MUNACO SUNDAY SUPPORT
REGENTS OF THE UNIVERSITY OF MICHIGAN - 1000 WALL STREET - ANN ARBOR, MI 48105	38-6006309	501(C)(3)	21,500.	0.			CHILD AND FAMILY LIFE
DUCKS UNLIMITED INC. ONE WATERFOWL WAY MEMPHIS, TN 38120	13-5643799	501(C)(3)	21,300.	0.			WETLAND CONSERVATION
ST JAMES OF NOVI 46325 TEN MILE ROAD NOVI, MI 48374	38-2889083	501(C)(3)	20,300.	0.			UPGRADE CHURCH AND SCHOOL INFORMATION TECHNOLOGY OR OTHER AS DEEMED APPROPRIATE BY FR. ED.
TEXAS HERITAGE MUSIC FOUNDATION P.O. BOX 2435 FREDERICKSBURG, TX 78624	74-2495227	501(C)(3)	20,000.	0.			PROMOTE AND ASSIST THE ELDERLY WITH MUSIC THAT TOUCHES THE HEART
THE FIRST TEE OF GREATER WASHINGTON, DC - 2020 PENNSYLVANIA AVE. NW #106 - WASHINGTON, DC 20006	52-2195691	501(C)(3)	20,000.	0.			FUND THE DC CHAPTER OPERATIONS
AUTISM SPEAKS INC 1060 STATE RD, 2ND FL PRINCETON, NJ 08540	20-2329938	501(C)(3)	20,000.	0.			TO SUPPORT AUTISM PROGRAMS AND ACTIVITIES WITHIN THE STATE OF ALABAMA
FAITH RXD 10488 W CENTENNIAL RD, SUITE 517 LITTLETON, CO 80127	45-0706628	501(C)(3)	20,000.	0.			MINISTRY

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WISHEK PUBLIC SCHOOL 200 SOUTH BADGER ST WISHEK, ND 58495	45-6000965	501(C)(3)	20,000.	0.			DONATION FOR STAGE LIGHTS AND MUSICAL EQUIPMENT.
TREE OF LIFE CHRISTIAN SCHOOLS 935 NORTHRIDGE RD COLUMBUS, OH 43224	31-0935850	501(C)(3)	20,000.	0.			CHRISTIAN EDUCATION
BOOST OTHERS 480 MALCOLM RD NW VIENNA, VA 22180	84-3112493	501(C)(3)	20,000.	0.			HAITI MISSIONS WORK
MANIFESTED GOODNESS, INC 4387 W. SWAMP RD SUITE 201 DOYLESTOWN, PA 18902	84-4547858	501(C)(3)	19,160.	0.			DIGITAL MEDIA
FELLSMERE ELEMENTARY SCHOOL 50 N CYPRESS ST FELLSMERE, FL 32948	59-6000673	501(C)(3)	19,158.	0.			TECHNOLOGY FOR THE DUAL LANGUAGE PROGRAM
EKAL VIDYALAYA FOUNDATION OF USA 100 WEST OAKS MALL HOUSTON, TX 77082	77-0554248	501(C)(3)	18,250.	0.			SCHOOL SPONSORSHIPS IN TRIBAL & RURAL AREAS
CONGREGATION BETH ISRAEL 3901 SHOAL CREEK BLVD AUSTIN, TX 78756	74-2827868	501(C)(3)	18,198.	0.			2021 GALA SPONSORSHIP
CHEYANNA'S CHAMPIONS 4 CHILDREN 11701 BEE CAVES ROAD SUITE 211 AUSTIN, TX 78738	45-3772547	501(C)(3)	18,050.	0.			GENERAL SUPPORT
ST. LINUS CATHOLIC CHURCH 6466 EVANGELINE DEARBORN HEIGHTS, MI 48127	38-1550062	501(C)(3)	18,045.	0.			GENERAL SUPPORT

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SARASOTA MEMORIAL HEALTHCARE FOUNDATION - 1515 SOUTH OSPREY AVE SUITE B-4 - SARASOTA, FL 34239	51-0188568	501(C)(3)	17,050.	0.			GENERAL SUPPORT
ORANGE COUNTY SCHOOL OF THE ARTS FOUNDATION - 1010 NORTH MAIN STREET - SANTA ANA, CA 92701	33-0377341	501(C)(3)	16,000.	0.			MALIA & MICHAELA MARCHANT, CCD CONSERVATORY
MCLEAN BIBLE CHURCH 8925 LEESBURG PIKE VIENNA, VA 22182	54-0763526	501(C)(3)	15,600.	0.			TO FURTHER GOD'S WORK IN THE DMV
DIVINE GRACE LUTHERAN CHURCH 3000 S LAPEER RD LAKE ORION, MI 48359	38-2104115	501(C)(3)	15,320.	0.			RELIGIOUS
NOVI COMMUNITY SCHOOL DISTRICT 25345 TAFT ROAD NOVI, MI 48374	38-6003067	501(C)(3)	15,001.	0.			DONATION
SADDLEBACK VALLEY COMMUNITY CHURCH 1 SADDLEBACK PARKWAY - GIVING OPERA LAKE FOREST, CA 92630	95-3689195	501(C)(3)	15,000.	0.			TO HELP MINISTRY
THE HUN SCHOOL OF PRINCETON 176 EDGERSTOUNE ROAD PRINCETON, NJ 08540	21-0639868	501(C)(3)	15,000.	0.			HUN FUND
YOUTH FOR CHRIST USA, INC. P.O. BOX 4478 ENGLEWOOD, CO 80155	36-2193619	501(C)(3)	15,000.	0.			HELP SCHOOL
MOUNT SINAI MEDICAL CENTER FOUNDATION - 4300 ALTON ROAD, ASCHER BLDG. SUITE 100 - MIAMI BEACH, FL 33140	59-1711400	501(C)(3)	15,000.	0.			SOCIETY OF MOUNT SINAI

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LEAH'S SISTERS P.O BOX 171234 IRVING, TX 75017-1234	75-2940983	501(C)(3)	14,400.	0.			SOUTHEAST ASIA HUMANITARIAN AID
PARADIGM FOUNDATION 11230 WAPLES MILL RD SUITE 140 FAIRFAX, VA 22030	46-4779420	501(C)(3)	14,000.	0.			GENERAL SUPPORT
HIS EYE IS ON THE SPARROW 5068 PLYMOUTH ROAD ANN ARBOR, MI 48105	38-3561847	501(C)(3)	13,200.	0.			PROMOTES CHRISTIAN SPIRITUAL WORKS OF MERCY
JUDSON BAPTIST CHURCH OF WALKER LOUISIANA - 32470 WALKER NORTH RD - WALKER, LA 70785	72-1023553	501(C)(3)	13,200.	0.			TO AID IN SPREADING THE GOSPEL OF CHRIST AND FEEDING CHILDREN AND WIDOWS
UNIVERSITY OF DETROIT JESUIT HIGH SCHOOL AND ACADEMY - 8400 S. CAMBRIDGE AVENUE - DETROIT, MI 48221	38-1360587	501(C)(3)	13,000.	0.			ENDOWMENT FUND
LUTHERAN CHURCH OF THE ABIDING PRESENCE - 6304 LEE CHAPEL ROAD - BURKE, VA 22015	54-1261733	501(C)(3)	13,000.	0.			RELIGIOUS
MEHER SPIRITUAL CENTER, INC 10200 N KINGS HWY MYRTLE BEACH, SC 29572	57-0422620	501(C)(3)	12,700.	0.			MAINTAIN A SPIRITUAL RETREAT FOR REST, MEDITATION, AND RENEWAL OF SPIRITUAL LIFE
R.I.S.E. UP FOUNDATION 1413 BURR OAK CT MCHENRY, IL 60050	84-3395962	501(C)(3)	12,500.	0.			FOR THE PURPOSE OF PROVIDING FUNDING FOR PROJECTS SPECIFICALLY FOCUSED ON ENHANCING THE
SHALOM AUSTIN 7300 HART LANE AUSTIN, TX 78731	74-1469465	501(C)(3)	12,250.	0.			2020 ANNUAL CAMPAGIN

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PREGNANCY CARE CENTER OF MHC 314 FAIRY STREET EXT STE E MARTINSVILLE, VA 24112	26-4148243	501(C)(3)	12,200.	0.			GENERAL SUPPORT
UNIVERSITY OF THE NATIONS KONA INC 75-5851 KUAKINI HWY #433 KAILUA-KONA, HI 96740	99-0240539	501(C)(3)	12,000.	0.			NIKOLAS & EMILY LEHNERT #6379
SAINT GREGORY THE GREAT CATHOLIC CHURCH - 31 SAINT GREGORY DRIVE - OKATIE, SC 29909	57-1071592	501(C)(3)	12,000.	0.			CHURCH SUPPORT
VERITAS IMPACT PARTNERS 809 N CUERNAVACA DRIVE AUSIN, TX 78733	83-1734762	501(C)(3)	12,000.	0.			GENERAL DONATION
TEMPLE RODEF SHALOM 2100 WESTMORELAND STREET FALLS CHURCH, VA 22043	54-0733866	501(C)(3)	11,861.	0.			GENERAL CHARITY - RELIGIOUS
EASTERN FLORIDA STATE COLLEGE FOUNDATION - 3865 NORTH WICKHAM ROAD BUILDING 10-110 - MELBOURNE, FL 32935	59-1747177	501(C)(3)	11,604.	0.			CLARA MARGARITA ACEVEDO SCHOLARSHIP
YOUTH ON THEIR OWN 1660 N. ALVERNON WAY TUCSON, AZ 85712	86-0644388	501(C)(3)	11,500.	0.			TO SUPPORT THE HIGH SCHOOL GRADUATION AND CONTINUED SUCCESS OF HOMELESS YOUTH BY
ANTI-DEFAMATION LEAGUE 605 THIRD AVENUE NEW YORK, NY 10158	13-1818723	501(C)(3)	11,300.	0.			ADL AUSTIN
CHARITY WATER 40 WORTH STREET SUITE 829 NEW YORK, NY 10013	22-3936753	501(C)(3)	11,200.	0.			FUND ONE WATER PROJECT

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PREGNANCY RESOURCE CENTER 1830 HACIENDA DRIVE STE 8 VISTA, CA 92081	33-0809605	501(C)(3)	11,000.	0.			GENERAL FUND - TO SUPPORT EVIDENCE-BASED MEDICAL SERVICES AND EDUCATION IN THE AREAS OF SEXUAL AND
CHABAD OF AUSTIN INC 4205 VENADO DR 20 AUSTIN, TX 78731	45-2763577	501(C)(3)	11,000.	0.			GENERAL DONATION FOR CHABAD YOUNG JEWISH PROFESSIONALS OF AUSTIN
MOSS, HATTIE M. 536 SPRUCE STREET RIVERSIDE, CA 92507	25-6485061	501(C)(3)	10,800.	0.			GENERAL - HATTIE MOSS - MONTHLY GRANT FOR FINANCIALLY NEEDY
SEACOAST COMMUNITY CHURCH 1050 REGAL ROAD ENCINITAS, CA 92024	33-0335463	501(C)(3)	10,750.	0.			OPERATIONS
WORLD MISSIONS ADVANCE INC P.O. BOX 764408 DALLAS, TX 75376	01-0596752	501(C)(3)	10,500.	0.			RELIGION RELATED, SPIRITUAL DEVELOPMENT
OZONE HOUSE 1600 N. HURON RIVER DRIVE YPSILANTI, MI 48197	38-1916505	501(C)(3)	10,100.	0.			FOR USE IN OZONE HOUSE OPERATIONS
JB CARING HEARTS P.O. BOX 100013 ALTON, UT 84710	83-3209617	501(C)(3)	10,070.	0.			TO PROVIDE CHICKEN FEED TO UGANDA TO FEED LOCAL VILLAGES
ASSOCIATION OF GRADUATES OF THE UNITED STATES MILITARY ACADEMY - 698 MILLS ROAD HERBERY ALUMNI CENTER - WEST POINT, NY 10996	14-1260763	501(C)(3)	10,000.	0.			VETERANS/MILITARY SERVICE - A CLUB SUPPORT
THE VIRGINIA HOME 1100 HAMPTON STREET RICHMOND, VA 23220	54-0577900	501(C)(3)	10,000.	0.			MEMORIAL CONTRIBUTION

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ST. JOSEPH'S VILLA 8000 BROOK ROAD RICHMOND, VA 23227	54-0505950	501(C)(3)	10,000.	0.			MEMORIAL CONTRIBUTION
AFRICA INLAND MISSION INTERNATIONAL INCORPORATED - P O BOX 3611 - PEACHTREE CITY, GA 30269	11-1873101	501(C)(3)	10,000.	0.			MORAD MINISTRY
ALL STARS PROJECT INC. 543 42ND STREET NEW YORK, NY 10036	13-3148295	501(C)(3)	10,000.	0.			GENERAL SUPPORT
UNIVERSITY OF NOTRE DAME 724 GRACE HALL NOTRE DAME, IN 46556	35-0868188	501(C)(3)	10,000.	0.			SORIN SOCIETY
UNIVERSITY OF VERMONT ATTN: SONYA STERN, 217 WATERMAN BUILDING, 85 SOUTH PROSPECT STREET - BURLING	03-0179440	501(C)(3)	10,000.	0.			SUB-GRANT TO THE UNIVERSITY OF VERMONT FOR PROFESSOR TRISHA SHRUM AND TEAM TO CARRY OUT A
BIRTH CHOICE OF SAN MARCOS 365 S. RANCHO SANTA FE ROAD, STE 20 SAN MARCOS, CA 92078	33-0250034	501(C)(3)	10,000.	0.			GENERAL SUPPORT
KINGDOM LIFE MINISTRIES 1202 WARE ST SW VIENNA, VA 22180	83-0595252	501(C)(3)	10,000.	0.			TITHE
FOUNDATION OF CALIFORNIA STATE UNIVERSITY MONTEREY BAY - 100 CAMPUS CENTER - SEASIDE, CA 93955-8001	80-0494808	501(C)(3)	10,000.	0.			EDUCATION
CHURCH AT THE FALLS - THE FALLS CHURCH - 6565 ARLINGTON BLVD. SUITE 300 - FALLS CHURCH, VA 22042	47-1006296	501(C)(3)	10,000.	0.			FOR USE BY THE FCA AS THEY SEE FIT.

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COVENANT HOUSE MICHIGAN 2959 MARTIN LUTHER KING JR. BLVD DETROIT, MI 48208	38-3351777	501(C)(3)	10,000.	0.			SUPPORT THE OPERATIONS OF COVENANT HOUSE IN MICHIGAN
DC FOR JESUS 1544 SPRING HILL RD #11063 MCLEAN, VA 22102	46-1001755	501(C)(3)	10,000.	0.			KINGDOM EXPANSION
IMPACT CAMPUS MINISTRIES P.O. BOX 8492 MOSCOW, ID 83843	27-2480141	501(C)(3)	10,000.	0.			BEMA
SANCTITY OF LIFE MINISTRIES 3919 OLD LEE HIGHWAY, SUITE 81B FAIRFAX, VA 22030	54-1377782	501(C)(3)	10,000.	0.			GENERAL SUPPORT
CROSSROADS YOUNG MENS CHRISTIAN ASSOCIATION INC - 100 W BURRELL DR - CROWN POINT, IN 46307-9040	35-1369437	501(C)(3)	10,000.	0.			ANNUAL FUND
YMCA OF SUMTER 510 MILLER RD SUMTER, SC 29150	57-0314417	501(C)(3)	10,000.	0.			WHERE IT'S NEEDED MOST - TO SUPPORT A PROGRAM THAT PLACES CHRISTIAN PRINCIPLES INTO PRACTICE
SAN DIEGO LESBIAN GAY BISEXUAL AND TRANSGENDER COMMUNITY CENTER - P.O. BOX 3357 - SAN DIEGO, CA 92163	23-7332048	501(C)(3)	10,000.	0.			GENERAL SUPPORT
HIRSHBERG FOUNDATION FOR PANCREATIC CANCER RESEARCH - 2990 S SEPULVEDA BLVD. SUITE 300C - LOS ANGELES, CA 90064	95-4640311	501(C)(3)	10,000.	0.			TOUR DE PIER - PK SPIN CLASS
EQUINE RESCUE OF AIKEN 532 GLENWOOD DRIVE AIKEN, SC 29803	20-5162723	501(C)(3)	10,000.	0.			CAPITAL CAMPAIGN

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CHRIST UNITED METHODIST CHURCH 7600 OX ROAD FAIRFAX STATION, VA 22039	54-1421924	501(C)(3)	10,000.	0.			GENERAL FUND
ALPHA USA 1635 EMERSON LANE NAPERVILLE, IL 60540	13-3962840	501(C)(3)	10,000.	0.			DMV -
BATEMAN, WINONA 1202 TULIP LANE MISSOULA, MT 59802	50-2744124	501(C)(3)	10,000.	0.			1099 NEC - BOX 3 - GENERAL - WINONA BATEMAN - FELLOWSHIP AWARD WINNER
URBAN COMMUNICATIONS GROUP 26311 WOODWARD AVE HUNTINGTON WOODS, MI 48070	38-2277159	501(C)(3)	10,000.	0.			TO SUPPORT THE FILM ENTITLED, "CHOMOSOMALLY ENHANCED: WHAT IS YOUR SUPERPOWER?"
EASTER SEALS - MICHIGAN INC 2399 E. WALTON BLVD AUBURN HILLS, MI 48326	38-1402860	501(C)(3)	10,000.	0.			MIRACLE LEAGUE BASEBALL
CRU / CAMPUS CRUSADE FOR CHRIST P.O. BOX 628222 ORLANDO, FL 32862	95-6006173	501(C)(3)	9,700.	0.			SCOTT AND ANDI MITCHELL (0428951)
RIPE FOR HARVEST WORLD OUTREACH P.O. BOX 487 MONUMENT, CO 80132	20-2322235	501(C)(3)	9,000.	0.			TO BUILD HOMES FOR 3 FAMILIES: JOSUE/NORMA, CESAR/MIRTHA, LUIS/JUSTINA
INDEPENDENT MISSIONARY NETWORK (IMN) - 2206 PENNSYLVANIA ST. - PORTAGE, IN 46368	46-1465912	501(C)(3)	9,000.	0.			ELECTRICITY FOR LOARCA FAMILY IN SAN SEBASTIN LEMOA, QUICH, GUATEMALA
HOOPS FOR HOPE 115 ASHWORTH DRIVE DURHAM, NC 27707	85-2330365	501(C)(3)	8,456.	0.			TO SUPPORT BASKETBALL CAMPS AND CLINICS PROVIDED TO LOCAL YOUTH WITH HOPES OF MAKING A

Part II **Continuation of Grants and Other Assistance to Domestic Organizations and Domestic Governments** (Schedule I (Form 990), Part II.)

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of noncash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
WAYNE STATE UNIVERSITY P.O. BOX 674602 DETROIT, MI 48267-4602	38-3555142	501(C)(3)	8,161.	0.			WAYNE STATE THEATER
SPELMAN COLLEGE 350 SPELMAN LANE, BOX 1303 ATLANTA, GA 30314	58-0566243	501(C)(3)	8,080.	0.			FINANCIAL ASSISTANCE TO STUDENTS
WHYY, INC. 150 N. SIXTH ST. PHILADELPHIA, PA 19106	23-1438083	501(C)(3)	8,000.	0.			ADOPT A SCHOOL
THE SCHOOL DISTRICT OF INDIAN RIVER COUNTY - 6500 57TH STREET - VERO BEACH, FL 32967	59-6000673	501(C)(3)	8,000.	0.			EVENTS SPONSORSHIP FOR PRINCIPALS, ASSISTANT PRINCIPALS, AND RETIREES
JEWS FOR JESUS 60 HAIGHT STREET SAN FRANCISCO, CA 94102	94-2222464	501(C)(3)	8,000.	0.			CONVINCING JEWS THAT JESUS IS THE MESSIAH
COLONIAL OAKS BAPTIST CHURCH 6901 BEE RIDGE RD SARASOTA, FL 34241	59-2583277	501(C)(3)	7,905.	0.			RELIGIOUS/MINISTRY
SHINING HOPE FARMS 4423 CARRIAGE DRIVE CIRCLE CHARLOTTE, NC 28205	30-0067482	501(C)(3)	7,740.	0.			TO SPONSOR 3 HORSES - LEO, TOTO AND GAMBLER. WE ARE EXCITED TO HELP SPECIAL NEEDS CHILDREN
BOYS AND GIRLS CLUBS OF THE TEXAS HILL COUNTRY - 808 N LLANO - FREDERICKSBURG, TX 78624	74-2758055	501(C)(3)	7,500.	0.			VALERO
FISHER HOUSE FOUNDATION, INC. 12300 TWINBROOK PKWY SUITE 410 ROCKVILLE, MD 20852	11-3158401	501(C)(3)	7,500.	0.			GENERAL FUND -WHERE NEEDED

Part II **Continuation of Grants and Other Assistance to Domestic Organizations and Domestic Governments** (Schedule I (Form 990), Part II.)

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of noncash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
VALERO ENERGY FOUNDATION P.O. BOX 696000 SAN ANTONIO, TX 78269	74-2904514	501(C)(3)	7,500.	0.			BOYS & GIRLS CLUB OF THE HILL COUNTRY
ST PETER LUTHERAN CHURCH 17051 24 MILE ROAD MACOMB, MI 48042	38-1711440	501(C)(3)	7,500.	0.			RELIGIOUS, EDUCATION, COMMUNITY SUPPORT
UNITED GOLFERS ASSOCIATION 4642 RIVER GEM AVE. WINDERMERE, FL 34786	85-1593699	501(C)(3)	7,359.	0.			TO CONTINUE THE MISSION OF STRENGTHENING THE BLACK COMMUNITY IN THE SPORT OF GOLF THROUGH NEW
THE NEW HORIZONS FOUNDATION INC 5550 TECH CENTER DRIVE SUITE 303 COLORADO SPRINGS, CO 80919	84-1123082	501(C)(3)	7,200.	0.			GENERAL SUPPORT
FELLOWSHIP FOUNDATION INC 7501 WISCONSIN AVE SUITE 400E BETHESDA, MD 20814	53-0204604	501(C)(3)	7,000.	0.			FOR LATIGO TO BUILD A HOME FOR FLORENCE IN UGANDA - BEGUN IN JUNE 2021
ST. THOMAS THE APOSTLE CHURCH 7135 FAIRWAY DR. CRYSTAL LAKE, IL 60014	36-2361102	501(C)(3)	7,000.	0.			GENERAL SUPPORT
WASHTENAW ALANO CLUB 995 NORTH MAPLE ROAD ANN ARBOR, MI 48103	23-7069580	501(C)(3)	7,000.	0.			MARCH MATCH
GLEANERS COMMUNITY FOOD BANK INC 2131 BEAUFAIT DETROIT, MI 48207	38-2156255	501(C)(3)	6,870.	0.			TO FEED THOSE WHO NEED IT MOST IN THESE TIMES
NATIONAL MULTIPLE SCLEROSIS SOCIETY - 2829 UNIVERSITY AVENUE SE, STE 900 - MINNEAPOLIS, MN 55414	13-5661935	501(C)(3)	6,655.	0.			GENERAL SUPPORT (GRACE MOM)

Part II **Continuation of Grants and Other Assistance to Domestic Organizations and Domestic Governments** (Schedule I (Form 990), Part II.)

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of noncash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
AMERICAN HEART ASSOCIATION (AHA) 300 S. RIVERSIDE PLAZA, SUITE 1200 CHICAGO, IL 60606	13-5613797	501(C)(3)	6,555.	0.			RESEARCH AND EDUCATION OF AFRICAN AMERICANS AND HEART DISEASE
GRACE CENTERS OF HOPE 35 E. HURON STREET PONTIAC, MI 48342	38-6094602	501(C)(3)	6,500.	0.			HELP PEOPLE
CROSS CATHOLIC OUTREACH P.O. BOX 97168 WASHINGTON, DC 20090-7168	65-1156061	501(C)(3)	6,400.	0.			TO SUPPORT THE WORK OF CROSS CATHOLIC OUTREACH
MICHIGAN STATE UNIVERSITY 404 WILSON ROAD RM 212 EAST LANSING, MI 48824	38-6005984	501(C)(3)	6,105.	0.			PUBLIC RADIO
WOUNDED WARRIOR PROJECT INC. P.O. BOX 758516 TOPEKA, KS 66675-8516	20-2370934	501(C)(3)	6,100.	0.			SUPPORT A WOUNDED WARRIOR
PURDUE RESEARCH FOUNDATION 403 WEST WOOD STREET WEST LAFAYETTE, IN 47907	35-1052049	501(C)(3)	6,094.	0.			HHS & SCHOOL OF AGRICULTURE
DETROIT RESCUE MISSION MINISTRIES GENESIS HOUSE I, II, III & OASIS - 150 STIMSON ST - DETROIT, MI 48201	38-1459371	501(C)(3)	6,000.	0.			GENERAL SUPPORT: WHERE NEED IS GREATEST
YOUNG LIFE P.O. BOX 5116 LAYTONSVILLE, MD 20904	84-0385934	501(C)(3)	6,000.	0.			TRAVEL EXPENSES
CHILD PROTECTION CENTER, INC 720 SOUTH ORANGE AVE. SARASOTA, FL 34236	59-2113850	501(C)(3)	6,000.	0.			GENERAL SUPPORT

Part II **Continuation of Grants and Other Assistance to Domestic Organizations and Domestic Governments** (Schedule I (Form 990), Part II.)

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of noncash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
FOUNDATION FOR THE HIGHER GOOD INC 101 CORP.O.RATE LAKE DR, STE A COLUMBIA, MO 65203	74-3104767	501(C)(3)	6,000.	0.			FOR JONATHAN RIVAS TO BUILD A HOME IN VALLE DE ANGELES, HONDURAS FOR JOSE GONZALES & LEILA
SOCAL ATHLETICS, INC. 1482 LA MIRADA DRIVE SAN MARCOS, CA 92078	74-3081162	501(C)(3)	6,000.	0.			GIRLS VOLLEYBALL
DETROIT SPORTS MEDIA ASSOCIATION 7312 STREAMWOOD DR. YPSILANTI, MI 48197	45-5166218	501(C)(3)	6,000.	0.			SPONSORED SCHOLARSHIP GIVE AWAY TO SUPPORT PARTNERING ORG EVENT AND THEIR MISSION OF INNER
ST. LUKE'S EPISCOPAL 435 PEACHTREE ST NE ATLANTA, GA 30308	58-0673640	501(C)(3)	5,800.	0.			COVID PLEDGE OVER & ABOVE
THE LEARNING CLUB OF TOLEDO 5800 MONROE ST STE F5 SYLVANIA, OH 43560	34-1721196	501(C)(3)	5,770.	0.			TOSUPPORT/ADVANCEAVAILABILITYOFLEARNINGCLUBPROGRAMS
ADAT SHALOM SYNAGOGUE 29901 MIDDLEBELT ROAD FARMINGTON HILLS, MI 48334	38-1437934	501(C)(3)	5,750.	0.			YEARLY DUES
ALSAC/ST. JUDE CHILDREN'S RESEARCH HOSPITAL - 501 ST. JUDE PLACE - MEMPHIS, TN 38105	35-1044585	501(C)(3)	5,710.	0.			HEALTH/MEDICAL SUPPORT
MEHER FUND INC. 420 DALRYMPLE ROAD ATLANTA, GA 30328-1348	57-0814333	501(C)(3)	5,700.	0.			GENERAL PURPOSE
COMMUNITY FOUNDATION OF BOONE COUNTY, INC - 102 N. LEBANON STREET SUITE 200 - LEBANON, IN 46052	35-1829585	501(C)(3)	5,650.	0.			VAWTER FUND LIFE INSURANCE

Part II **Continuation of Grants and Other Assistance to Domestic Organizations and Domestic Governments** (Schedule I (Form 990), Part II.)

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of noncash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
PROVINCE OF ST JOSEPH OF THE CAPUCHIN ORDER - 1820 MT. ELLIOTT ST - DETROIT, MI 48207	38-1525161	501(C)(3)	5,620.	0.			BELATED CHRISTMAS GIFT - RELIGIOUS
FAMILIES FOR DEPRESSION AWARENESS 391 TOTTEN P.O.ND ROAD, SUITE 101 WALTHAM, MA 02451	04-3546730	501(C)(3)	5,555.	0.			GENERAL SUPPORT (TERRY)
OVARIAN CANCER COALITION OF GREATER WASHINGTON - P.O. BOX 12504 - ARLINGTON, VA 22219	54-2004729	501(C)(3)	5,555.	0.			GENERAL SUPPORT (VITA)
AMERICAN LUNG ASSOCIATION 55 WEST WACKER DRIVE, SUITE 1150 CHICAGO, IL 60601	13-1632524	501(C)(3)	5,555.	0.			GENERAL SUPPORT (MOM/BETTY/DON)
NATIONAL KIDNEY FOUNDATION OF MICHIGAN, INC. - 1169 OAK VALLEY DRIVE - ANN ARBOR, MI 48108	38-1559941	501(C)(3)	5,550.	0.			GENERAL SUPPORT (TERRY)
SAMUEL OMOGO FOUNDATION 1751 28TH STREET SW WYOMING, MI 49519	45-4872020	501(C)(3)	5,500.	0.			TO HELP THE ORGANIZATION WITH THEIR EFFORTS TO PROVIDE EMERGENCY ASSISTANCE TO THE PEOPLE
JILL'S HOUSE, INC 9011 LEESBURG PIKE VIENNA, VA 22182	37-1465256	501(C)(3)	5,500.	0.			TO SERVE FAMILIES RAISING CHILDREN WITH INTELLECTUAL DISABILITIES
PINEY CREEK UNITED METHODIST CHURCH - 213 TURKEY TROT LANE - SPARTA, NC 28675	56-1210563	501(C)(3)	5,500.	0.			FEED PEOPLE IN NEED AND BRING COMFORT TO THEM
PAYTONS PLAY IT FORWARD FOUNDATION 5800 AIRLINE DR METAIRIE, LA 70003	26-1983762	501(C)(3)	5,423.	0.			YOUTH DEVELOPMENT

Part II **Continuation of Grants and Other Assistance to Domestic Organizations and Domestic Governments** (Schedule I (Form 990), Part II.)

(a) Name and address of organization or government	(b) EIN	(c) IRC section if applicable	(d) Amount of cash grant	(e) Amount of noncash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of non-cash assistance	(h) Purpose of grant or assistance
NATIONAL COUNCIL OF JEWISH WOMEN / MI - 26400 LASHER RD STE 306 - SOUTHFIELD, MI 48033	38-1358385	501(C)(3)	5,250.	0.			IMPROVING THE LIVES OF WOMEN, CHILDREN, FAMILIES
SHIRDI SAI DARBAR 255 SAN GERONIMO WAY SUNNYVALE, CA 94085	27-3235464	501(C)(3)	5,002.	0.			TEMPLE CONSTRUCTION COSTS

Part III **Grants and Other Assistance to Domestic Individuals.** Complete if the organization answered "Yes" on Form 990, Part IV, line 22. Part III can be duplicated if additional space is needed.

(a) Type of grant or assistance	(b) Number of recipients	(c) Amount of cash grant	(d) Amount of non-cash assistance	(e) Method of valuation (book, FMV, appraisal, other)	(f) Description of noncash assistance
SUB-GRANTS	4	16,000.	0.		
GENERAL	11	19,992.	0.		
SCHOLARSHIPS	4	5,600.	0.		

Part IV **Supplemental Information.** Provide the information required in Part I, line 2; Part III, column (b); and any other additional information.

PART I, LINE 2:

UNITED CHARITABLE HAS ESTABLISHED GUIDELINES WHICH MUST BE FOLLOWED WHEN GIFTS ARE MADE TO CHARITABLE ORGANIZATIONS IN THE UNITED STATES. FOR GIFTS TO RECOGNIZED 501(C)(3) PUBLIC CHARITIES, UNITED CHARITABLE REQUIRES A COPY OF THE IRS DETERMINATION LETTER OR TIN OF THE ORGANIZATION, AND/OR PARENT IF NECESSARY. FOR CHURCHES, SYNAGOGUES, MOSQUEST AND OTHER RELIGIOUS ORGANIZATIONS, UNITED CHARITABLE HAS A WHOLE SEPARATE SET OF CRITERIA, PARTICULARLY IF THE RELIGIOUS ORGANIZATION IS NOT A 501(C)(3). FOR GRANTS TO FEDERAL, STATE, COUNTY OR CITY GOVERNMENTS OR GOVERNMENTAL ENTITIES,

Part IV Supplemental Information

UNITED CHARITABLE REQUIRES WRITTEN CONFIRMATION THAT THE GRANTEE IS A GOVERNMENTAL ENTITY. FOR ALL OTHER GRANT RECIPIENTS, SUCH AS SOCIAL WELFARE ORGANIZATIONS, VETERAN ORGANIZATIONS, FRATERNAL ORGANIZATIONS, ETC., UNITED CHARITABLE REQUIRES APPLICATION FOR THE GRANT WITH APPROVAL ON A CASE BY CASE BASIS WITH VARIOUS CRITERIA HAVING TO BE MET.

PART II, LINE 1, COLUMN (H):
NAME OF ORGANIZATION OR GOVERNMENT: MASTER'S ACADEMY OF VERO BEACH
(H) PURPOSE OF GRANT OR ASSISTANCE: MASTER'S VO-TECH HIGH SCHOOL - ACE SOFTWARE SET UP AND CONTRACT SUPPORT, PACES CURRICULUM, FIRST YEAR RENT AND SCHOOL SUPPLIES.

NAME OF ORGANIZATION OR GOVERNMENT: R.I.S.E. UP FOUNDATION
(H) PURPOSE OF GRANT OR ASSISTANCE: FOR THE PURPOSE OF PROVIDING FUNDING FOR PROJECTS SPECIFICALLY FOCUSED ON ENHANCING THE QUALITY OF LIFE FOR CHILDREN AND THEIR FAMILIES IN MCHENRY, ILLINOIS.

NAME OF ORGANIZATION OR GOVERNMENT: YOUTH ON THEIR OWN
(H) PURPOSE OF GRANT OR ASSISTANCE: TO SUPPORT THE HIGH SCHOOL GRADUATION AND CONTINUED SUCCESS OF HOMELESS YOUTH BY PROVIDING FINANCIAL ASSISTANCE, BASIC HUMAN NEEDS, AND GUIDANCE

NAME OF ORGANIZATION OR GOVERNMENT: PREGNANCY RESOURCE CENTER
(H) PURPOSE OF GRANT OR ASSISTANCE: GENERAL FUND - TO SUPPORT EVIDENCE-BASED MEDICAL SERVICES AND EDUCATION IN THE AREAS OF SEXUAL AND REPRODUCTIVE HEALTH

NAME OF ORGANIZATION OR GOVERNMENT: UNIVERSITY OF VERMONT

Part IV Supplemental Information

(H) PURPOSE OF GRANT OR ASSISTANCE: SUB-GRANT TO THE UNIVERSITY OF VERMONT FOR PROFESSOR TRISHA SHRUM AND TEAM TO CARRY OUT A LITERATURE REVIEW OF THE RELATIONSHIP BETWEEN PARENTING AND CLIMATE ACTIVISM.

NAME OF ORGANIZATION OR GOVERNMENT: YMCA OF SUMTER

(H) PURPOSE OF GRANT OR ASSISTANCE: WHERE IT'S NEEDED MOST - TO SUPPORT A PROGRAM THAT PLACES CHRISTIAN PRINCIPLES INTO PRACTICE THROUGH ELEMENTS THAT BUILD A HEALTHY BODY, MIND, AND SPIRIT FOR THE ENTIRE POPULATION OF SUMTER COUNTY.

NAME OF ORGANIZATION OR GOVERNMENT: HOOPS FOR HOPE

(H) PURPOSE OF GRANT OR ASSISTANCE: TO SUPPORT BASKETBALL CAMPS AND CLINICS PROVIDED TO LOCAL YOUTH WITH HOPES OF MAKING A POSITIVE IMPACT ON THEIR YOUNG LIVES.

NAME OF ORGANIZATION OR GOVERNMENT: SHINING HOPE FARMS

(H) PURPOSE OF GRANT OR ASSISTANCE: TO SPONSOR 3 HORSES - LEO, TOTO AND GAMBLER. WE ARE EXCITED TO HELP SPECIAL NEEDS CHILDREN WITH HIPPOTHERAPY & EQUINE THERAPY.

NAME OF ORGANIZATION OR GOVERNMENT: UNITED GOLFERS ASSOCIATION

(H) PURPOSE OF GRANT OR ASSISTANCE: TO CONTINUE THE MISSION OF STRENGTHENING THE BLACK COMMUNITY IN THE SPORT OF GOLF THROUGH NEW 501C3.

NAME OF ORGANIZATION OR GOVERNMENT: FOUNDATION FOR THE HIGHER GOOD INC

(H) PURPOSE OF GRANT OR ASSISTANCE: FOR JONATHAN RIVAS TO BUILD A HOME IN VALLE DE ANGELES, HONDURAS FOR JOSE GONZALES & LEILA VALLECILLO AND THEIR FOUR CHILDREN.

Part IV Supplemental Information

NAME OF ORGANIZATION OR GOVERNMENT: DETROIT SPORTS MEDIA ASSOCIATION

(H) PURPOSE OF GRANT OR ASSISTANCE: SPONSORED SCHOLARSHIP GIVE AWAY TO SUPPORT PARTNERING ORG EVENT AND THEIR MISSION OF INNER CITY KIDS GETTING COLLEGE ASSISTANCE.

NAME OF ORGANIZATION OR GOVERNMENT: SAMUEL OMOGO FOUNDATION

(H) PURPOSE OF GRANT OR ASSISTANCE: TO HELP THE ORGANIZATION WITH THEIR EFFORTS TO PROVIDE EMERGENCY ASSISTANCE TO THE PEOPLE OF NIGERIA.

NAME OF ORGANIZATION OR GOVERNMENT: LEACHMAN MINISTRIES

(H) PURPOSE OF GRANT OR ASSISTANCE: TO TO EQUIP, TO ENCOURAGE, AND TO INSPIRE IN THE SPIRIT AND TRUTH OF JESUS CHRIST. TO PROVIDE COUNSELING, TEACHING, HELP & SERVICES TO THOSE IN NEED, WEDDINGS, FUNERALS, AND YOUTH TRAINING

NAME OF ORGANIZATION OR GOVERNMENT: STARDUST ANIMAL SANCTUARY

(H) PURPOSE OF GRANT OR ASSISTANCE: GENERAL SUPPORT- FOR EMERGENCY SERVICES TO HELP ANIMALS IN NEED OR ANY OTHER PURPOSE DEEMED NECESSARY

SCHEDULE J (Form 990)

Department of the Treasury
Internal Revenue Service

Compensation Information

For certain Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees

▶ **Complete if the organization answered "Yes" on Form 990, Part IV, line 23.**

▶ **Attach to Form 990.**

▶ **Go to www.irs.gov/Form990 for instructions and the latest information.**

OMB No. 1545-0047

2021

Open to Public Inspection

Name of the organization

UNITED CHARITABLE

Employer identification number

20-4286082

Part I Questions Regarding Compensation

		Yes	No
1a	Check the appropriate box(es) if the organization provided any of the following to or for a person listed on Form 990, Part VII, Section A, line 1a. Complete Part III to provide any relevant information regarding these items.		
	☐ First-class or charter travel ☐ Housing allowance or residence for personal use		
	☐ Travel for companions ☐ Payments for business use of personal residence		
	☐ Tax indemnification and gross-up payments ☐ Health or social club dues or initiation fees		
	☐ Discretionary spending account ☐ Personal services (such as maid, chauffeur, chef)		
b	If any of the boxes on line 1a are checked, did the organization follow a written policy regarding payment or reimbursement or provision of all of the expenses described above? If "No," complete Part III to explain 1b		
2	Did the organization require substantiation prior to reimbursing or allowing expenses incurred by all directors, trustees, and officers, including the CEO/Executive Director, regarding the items checked on line 1a? 2	X	
3	Indicate which, if any, of the following the organization used to establish the compensation of the organization's CEO/Executive Director. Check all that apply. Do not check any boxes for methods used by a related organization to establish compensation of the CEO/Executive Director, but explain in Part III.		
	☐ Compensation committee ☐ Written employment contract		
	☒ Independent compensation consultant ☒ Compensation survey or study		
	☐ Form 990 of other organizations ☒ Approval by the board or compensation committee		
4	During the year, did any person listed on Form 990, Part VII, Section A, line 1a, with respect to the filing organization or a related organization:		
a	Receive a severance payment or change-of-control payment? 4a		X
b	Participate in or receive payment from a supplemental nonqualified retirement plan? 4b		X
c	Participate in or receive payment from an equity-based compensation arrangement? 4c		X
	If "Yes" to any of lines 4a-c, list the persons and provide the applicable amounts for each item in Part III.		
	Only section 501(c)(3), 501(c)(4), and 501(c)(29) organizations must complete lines 5-9.		
5	For persons listed on Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the revenues of:		
a	The organization? 5a		X
b	Any related organization? 5b		X
	If "Yes" on line 5a or 5b, describe in Part III.		
6	For persons listed on Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the net earnings of:		
a	The organization? 6a		X
b	Any related organization? 6b		X
	If "Yes" on line 6a or 6b, describe in Part III.		
7	For persons listed on Form 990, Part VII, Section A, line 1a, did the organization provide any nonfixed payments not described on lines 5 and 6? If "Yes," describe in Part III 7		X
8	Were any amounts reported on Form 990, Part VII, paid or accrued pursuant to a contract that was subject to the initial contract exception described in Regulations section 53.4958-4(a)(3)? If "Yes," describe in Part III 8		X
9	If "Yes" on line 8, did the organization also follow the rebuttable presumption procedure described in Regulations section 53.4958-6(c)? 9		

Part II **Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees.** Use duplicate copies if additional space is needed.

For each individual whose compensation must be reported on Schedule J, report compensation from the organization on row (i) and from related organizations, described in the instructions, on row (ii). Do not list any individuals that aren't listed on Form 990, Part VII.

Note: The sum of columns (B)(i)-(iii) for each listed individual must equal the total amount of Form 990, Part VII, Section A, line 1a, applicable column (D) and (E) amounts for that individual.

(A) Name and Title		(B) Breakdown of W-2 and/or 1099-MISC and/or 1099-NEC compensation			(C) Retirement and other deferred compensation	(D) Nontaxable benefits	(E) Total of columns (B)(i)-(D)	(F) Compensation in column (B) reported as deferred on prior Form 990
		(i) Base compensation	(ii) Bonus & incentive compensation	(iii) Other reportable compensation				
(1) JULIA HEALEY	(i)	167,379.	0.	0.	8,491.	18,279.	194,149.	0.
CEO, SECRETARY OF BOARD	(ii)	0.	0.	0.	0.	0.	0.	0.
	(i)							
	(ii)							
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	(i)							
	(ii)							

Part III Supplemental Information

Provide the information, explanation, or descriptions required for Part I, lines 1a, 1b, 3, 4a, 4b, 4c, 5a, 5b, 6a, 6b, 7, and 8, and for Part II. Also complete this part for any additional information.

SCHEDULE M (Form 990)

Department of the Treasury
Internal Revenue Service

Noncash Contributions

▶ Complete if the organizations answered "Yes" on Form 990, Part IV, lines 29 or 30.
▶ Attach to Form 990.
▶ Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

2021

Open to Public Inspection

Name of the organization

UNITED CHARITABLE

Employer identification number

20-4286082

Part I Types of Property

		(a) Check if applicable	(b) Number of contributions or items contributed	(c) Noncash contribution amounts reported on Form 990, Part VIII, line 1g	(d) Method of determining noncash contribution amounts
1	Art - Works of art				
2	Art - Historical treasures				
3	Art - Fractional interests				
4	Books and publications				
5	Clothing and household goods				
6	Cars and other vehicles				
7	Boats and planes				
8	Intellectual property				
9	Securities - Publicly traded	X	65	5,007,946.	FAIR MARKET VALUE
10	Securities - Closely held stock				
11	Securities - Partnership, LLC, or trust interests	X	3	3,991,982.	APPRAISAL
12	Securities - Miscellaneous				
13	Qualified conservation contribution - Historic structures				
14	Qualified conservation contribution - Other				
15	Real estate - Residential				
16	Real estate - Commercial				
17	Real estate - Other				
18	Collectibles				
19	Food inventory				
20	Drugs and medical supplies				
21	Taxidermy				
22	Historical artifacts				
23	Scientific specimens				
24	Archeological artifacts				
25	Other ▶ (PROGRAM SUPPL)	X	2	336.	COST
26	Other ▶ ( )				
27	Other ▶ ( )				
28	Other ▶ ( )				

29 Number of Forms 8283 received by the organization during the tax year for contributions for which the organization completed Form 8283, Part V, Donee Acknowledgement 29

			Yes	No
30a	During the year, did the organization receive by contribution any property reported in Part I, lines 1 through 28, that it must hold for at least three years from the date of the initial contribution, and which isn't required to be used for exempt purposes for the entire holding period?	30a		X
b	If "Yes," describe the arrangement in Part II.			
31	Does the organization have a gift acceptance policy that requires the review of any nonstandard contributions?	31		X
32a	Does the organization hire or use third parties or related organizations to solicit, process, or sell noncash contributions?	32a		X
b	If "Yes," describe in Part II.			
33	If the organization didn't report an amount in column (c) for a type of property for which column (a) is checked, describe in Part II.			

Part II **Supplemental Information.** Provide the information required by Part I, lines 30b, 32b, and 33, and whether the organization is reporting in Part I, column (b), the number of contributions, the number of items received, or a combination of both. Also complete this part for any additional information.

SCHEDULE O (Form 990)

Department of the Treasury
Internal Revenue Service

Supplemental Information to Form 990 or 990-EZ

Complete to provide information for responses to specific questions on Form 990 or 990-EZ or to provide any additional information.
▶ Attach to Form 990 or Form 990-EZ.
▶ Go to www.irs.gov/Form990 for the latest information.

OMB No. 1545-0047

2021

Open to Public Inspection

Name of the organization
UNITED CHARITABLE

Employer identification number
20-4286082

FORM 990, PART III, LINE 4D, OTHER PROGRAM SERVICES:

UC PROGRAMS PERFORM A WIDE VARIETY OF SERVICES TO THE COMMUNITY. THE MAJORITY OF THEM HAVE WELL-DEVELOPED WEBSITES, AS WELL AS ONLINE FUNDRAISING AND SOCIAL MEDIA PRESENCE. OUR TOP PERFORMING PROGRAMS FALL INTO THE FOLLOWING CATEGORIES: CHILDREN/YOUTH, EDUCATION, FAITH-BASED MINISTRIES, COMMUNITY DEVELOPMENT, ENVIRONMENT, SOCIAL JUSTICE, AND HEALTH. ON AVERAGE, EACH UC PROGRAM HAS AT LEAST TEN VOLUNTEERS THAT ASSIST THEM THROUGHOUT THE YEAR, WITH A TOTAL OF 925 VOLUNTEERS FOR ALL OF UC IN 2021. OUR PROGRAMS HAVE ADVISORY COMMITTEES CONSISTING OF AT LEAST THREE INDIVIDUALS THAT MEET AN AVERAGE OF 4 TIMES A YEAR, AND MOST PROGRAMS ARE LOCATED NEAR LARGE METROPOLITAN AREAS. THE MAJORITY OF UC'S TOP-PERFORMING PROGRAMS CONDUCT FUNDRAISERS, INCLUDING SEVERAL WITH WELL-ESTABLISHED GOLF TOURNAMENTS AND GALAS. ON AVERAGE, UC PROGRAMS HAVE AROUND TEN OR MORE YEARS OF EXPERIENCE OPERATING UNDERNEATH A FISCAL SPONSOR.

EXPENSES $ 7,007,116. INCL GRANTS OF $ 5,894,977. REVENUE $ 321,149.

FORM 990, PART VI, SECTION B, LINE 11B:

THE FORM 990 IS REVIEWED BY THE CEO, TREASURER, AND THE AUDIT COMMITTEE.

FORM 990, PART VI, SECTION B, LINE 12C:

REVIEW OF RELATIONSHIPS IS PERFORMED ON A REGULAR BASIS.

FORM 990, PART VI, SECTION B, LINE 15:

REVIEW AND DETERMINATION OF ALL SALARIES BY THE DISINTERESTED COMPENSATION COMMITTEE OF THE BOARD OF DIRECTORS USING A CORPORATE SALARY SURVEY AS

Name of the organization: UNITED CHARITABLE

Employer identification number: 20-4286082

GUIDANCE.

FORM 990, PART VI, LINE 17, LIST OF STATES RECEIVING COPY OF FORM 990:

AL,AR,CA,FL,GA,IL,KS,KY,MD,MA,MI,MS,MN,NH,NJ,NM,NY,NC,ND,OR,PA,RI,SC,TN,UT VA,WV,WI

FORM 990, PART VI, SECTION C, LINE 19:

DOCUMENTS ARE AVAILABLE ON WEBSITE OR UPON REQUEST.

FORM 990, PART XII, LINE 2C:

THE PROCESS HAS NOT CHANGED FROM THE PRIOR YEAR.

SCHEDULE R (Form 990)

Department of the Treasury
Internal Revenue Service

Related Organizations and Unrelated Partnerships

▶ Complete if the organization answered "Yes" on Form 990, Part IV, line 33, 34, 35b, 36, or 37.

▶ Attach to Form 990.

▶ Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

2021

Open to Public Inspection

Name of the organization

UNITED CHARITABLE

Employer identification number

20-4286082

Part I **Identification of Disregarded Entities.** Complete if the organization answered "Yes" on Form 990, Part IV, line 33.

(a) Name, address, and EIN (if applicable) of disregarded entity	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Total income	(e) End-of-year assets	(f) Direct controlling entity

Part II **Identification of Related Tax-Exempt Organizations.** Complete if the organization answered "Yes" on Form 990, Part IV, line 34, because it had one or more related tax-exempt organizations during the tax year.

(a) Name, address, and EIN of related organization	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Exempt Code section	(e) Public charity status (if section 501(c)(3))	(f) Direct controlling entity	(g) Section 512(b)(13) controlled entity? Yes	(g) No
NATIONAL HERITAGE FOUNDATION, INC. - 58-2085326, 44921 GEORGE WASHINGTON BLVD STE 230, ASHBURN, VA 20147	SUPPORTING ORGANIZATION	GEORGIA	501(C)(3)	LINE 12A, I	UNITED CHARITABLE	X	

Part III **Identification of Related Organizations Taxable as a Partnership.** Complete if the organization answered "Yes" on Form 990, Part IV, line 34, because it had one or more related organizations treated as a partnership during the tax year.

(a) Name, address, and EIN of related organization	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Direct controlling entity	(e) Predominant income (related, unrelated, excluded from tax under sections 512-514)	(f) Share of total income	(g) Share of end-of-year assets	(h) Disproportionate allocations? Yes	(h) No	(i) Code V-UBI amount in box 20 of Schedule K-1 (Form 1065)	(j) General or managing partner? Yes	(j) No	(k) Percentage ownership

Part IV **Identification of Related Organizations Taxable as a Corporation or Trust.** Complete if the organization answered "Yes" on Form 990, Part IV, line 34, because it had one or more related organizations treated as a corporation or trust during the tax year.

(a) Name, address, and EIN of related organization	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Direct controlling entity	(e) Type of entity (C corp, S corp, or trust)	(f) Share of total income	(g) Share of end-of-year assets	(h) Percentage ownership	(i) Section 512(b)(13) controlled entity? Yes	(i) No

Part V **Transactions With Related Organizations.** Complete if the organization answered "Yes" on Form 990, Part IV, line 34, 35b, or 36.

		Yes	No
Note: Complete line 1 if any entity is listed in Parts II, III, or IV of this schedule.			
1 During the tax year, did the organization engage in any of the following transactions with one or more related organizations listed in Parts II-IV?			
a Receipt of **(i)** interest, **(ii)** annuities, **(iii)** royalties, or **(iv)** rent from a controlled entity	1a		X
b Gift, grant, or capital contribution to related organization(s)	1b		X
c Gift, grant, or capital contribution from related organization(s)	1c	X	
d Loans or loan guarantees to or for related organization(s)	1d		X
e Loans or loan guarantees by related organization(s)	1e		X
f Dividends from related organization(s)	1f		X
g Sale of assets to related organization(s)	1g		X
h Purchase of assets from related organization(s)	1h		X
i Exchange of assets with related organization(s)	1i		X
j Lease of facilities, equipment, or other assets to related organization(s)	1j		X
k Lease of facilities, equipment, or other assets from related organization(s)	1k		X
l Performance of services or membership or fundraising solicitations for related organization(s)	1l		X
m Performance of services or membership or fundraising solicitations by related organization(s)	1m		X
n Sharing of facilities, equipment, mailing lists, or other assets with related organization(s)	1n		X
o Sharing of paid employees with related organization(s)	1o		X
p Reimbursement paid to related organization(s) for expenses	1p		X
q Reimbursement paid by related organization(s) for expenses	1q		X
r Other transfer of cash or property to related organization(s)	1r		X
s Other transfer of cash or property from related organization(s)	1s		X

2 If the answer to any of the above is "Yes," see the instructions for information on who must complete this line, including covered relationships and transaction thresholds.

(a) Name of related organization	(b) Transaction type (a-s)	(c) Amount involved	(d) Method of determining amount involved
(1) NATIONAL HERITAGE FOUNDATION, INC.	C	334,683.	FMV
(2)			
(3)			
(4)			
(5)			
(6)			

Part VI **Unrelated Organizations Taxable as a Partnership.** Complete if the organization answered "Yes" on Form 990, Part IV, line 37.

Provide the following information for each entity taxed as a partnership through which the organization conducted more than five percent of its activities (measured by total assets or gross revenue) that was not a related organization. See instructions regarding exclusion for certain investment partnerships.

(a) Name, address, and EIN of entity	(b) Primary activity	(c) Legal domicile (state or foreign country)	(d) Predominant income (related, unrelated, excluded from tax under sections 512-514)	(e) Are all partners sec. 501(c)(3) orgs.? Yes	(e) No	(f) Share of total income	(g) Share of end-of-year assets	(h) Disproportionate allocations? Yes	(h) No	(i) Code V-UBI amount in box 20 of Schedule K-1 (Form 1065)	(j) General or managing partner? Yes	(j) No	(k) Percentage ownership

Part VII Supplemental Information

Provide additional information for responses to questions on Schedule R. See instructions.

1. Program Objectives

1.a Project Summary

1.a.1 **Project Title:** Growing Environmental Justice Through Community Food Forest Development

1.a.2 **Project Location:** Within Maine: Auburn, Norway, Passadumkeag, Starks, Indian Island, Lewiston, Millinocket, and Indian Township

1.a.3 **Applicant:** United Charitable (UC), 44921 George Washington Blvd Ste 230, Ashburn, VA 20147, J. Isaac Leeth, Ex. 6 - Personal Privacy (PP)

1.a.4 **Brief Description of Applicant Organization:** The mission of ReTreeUS, a UC program, is to "promote an environmentally sustainable, socially just food system through education, practical resources and mentorship." We plant orchards in schools, working with partner organizations to feed and empower generations of environmental stewards. We seek to create equitable access to nutritious food by equipping youth with the knowledge and resources necessary to grow food. Our programs create positive change in the food system that benefits the environment. Since we began in 2012, we have planted 74 educational orchards, representing more than 1,500 fruit trees, collectively serving more than 35,500 people reached annually.

1.a.5 **Applying for Small CBO Set Aside Track?** No

1.a.6 **Project Abstract:** ReTreeUS will work with 11 partner organizations to develop 8 food forests (i.e., diverse orchards that are designed to mimic the natural ecology to maximize the production of healthy food), providing benefits such as improvement of public and environmental health, while serving communities with high rates of food insecurity. This project is focused on creating greater climate resiliency and food security for communities disproportionately impacted by environmental injustice. Information gathered will be shared through a nation-wide network (i.e., Giving Grove) to replicate best practices in developing thriving community food forests across the U.S. We will plant and distribute 1,870 fruit and nut trees; provide direct educational programs for 500+ individuals; and create systems of ongoing maintenance, including establishing regional AmeriCorps VISTA Community Orchard Steward positions and documenting best practices and lessons learned that can be shared with affiliated organizations to replicate successes broadly. Specific geographic areas are located within rural areas of Maine (Auburn, Norway, Passadumkeag, Starks, Indian Island, Indian Township, Lewiston, Millinocket), representing communities facing food insecurity.

1.a.7 **Project Type:** Climate Resiliency, Food Access, and Public Education

1.a.8 **Special Considerations:** Climate change/Disaster Resiliency, Rural Areas

1.a.9 **Environmental Issue:** Air, Water, and Food Access

1.a.10 **List of Project Partners:**

- YMCA of Lewiston/Auburn, Lewiston
- Alan Day Community Garden, Norway
- Nibezun, Passadumkeag
- Bomazeen Land Trust, Starks
- Penobscot Tribal Farm, Indian Island
- Ending Hunger Corps, Maine Department of Agriculture, Conservation and Forestry
- City of Lewiston
- Passamaquoddy Tribe, Indian Township
- St. Mary's Nutrition Center, Lewiston
- Wabanaki Health and Wellness Center, Millinocket
- Giving Grove, an affiliate nonprofit that supports community orchards nationwide

1.a.11 **Is a QAPP Required?** No

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1.b Environmental and Public Health Information of the Underserved Community

This section describes the local environmental justice issue(s) that we propose to address and the communities that will be impacted.

1.b.1 Description of the Underserved Community and Disproportionate Health Harms

The underserved communities impacted in our partner locations are impacted by low income, environmental challenges, elevated poverty rates, high levels of food insecurity, and unemployment rates. Our work in Lewiston/Auburn serves a significant population of immigrants, migrants, and asylum seekers. Please see the attached document "Summary of Underserved Community Issues EJCPS 2023" for further insight into the issues the people in our partner project areas confront. Five of the eight community partners with which we will collaborate represent indigenous programs working on building food sovereignty in their communities. These communities have faced historic environmental injustice and elevated food insecurity rates. *"Food sovereignty is the right of peoples to healthy and culturally appropriate food produced through ecologically sound and sustainable methods, and their right to define their own food and agriculture systems. It puts the aspirations and needs of those who produce, distribute, and consume food at the heart of food systems and policies rather than the demands of markets and corporations."*[1] Indigenous tribes such as the Wabanaki have faced some of the most historic environmental injustice, being displaced and relocated into lands that could not sustain their traditional ways of subsistence. Specific data for partner locations is below.

Bradley, ME-Penobscot Tribal Farm, Serving Indian Island

According to the EJScreen Report for the area of Penobscot Tribal Farm in Bradley, ME, the Air Toxics Cancer Risk EJ Index is 93rd percentile for the state and 34th percentile in the USA. Lead paint EJ Index is 85th percentile in state and 70th in USA. People of color is 88th percentile for the state and 32nd percentile for the USA. Low income is 91st percentile for the state and 83rd percentile in USA. The unemployment rate is 64th percentile for the state and 54th percentile for the nation. Limited English Speaking is 85th percentile for the state and 60th percentile in USA. According to the EJSCREEN ACS Summary Report, the population density per sq mile is 1,099, per capita income is 28,084 and percentage of people of color is 15%, which stands out in the State of Maine, and the employable population age 16+ years not in labor force is 42%.

According to the National Environmental Public Health Tracking Network CDC, 12.1% of residents in Penobscot county live below the poverty line compared with 10.6% for the state. According to Feeding America, there is a 12.2% food insecurity rate for the population in Penobscot County and the estimated program eligibility among food insecure people is 68% below SNAP and other nutrition programs threshold of 185% poverty and 32% above.

Passadumkeag, ME-Nibezun

According to the EJScreen Report for the area of Nibezun in Passadumkeag, ME, the air toxics cancer risk EJ Index is 86th percentile in the state and 29th percentile in the USA. Lead Paint EJ Index is 61st percentile in the state and 58th in USA. Low income is 87th percentile for the state and 78th percentile in the USA. Unemployment rate is 94th percentile in the State and 88th

[1] First Global Summit on Food Sovereignty

percentile in the USA. Limited English speaking is 82nd percentile in the state and 58th in USA. Less than high school education is 68th percentile in the state and 51st in the USA. According to the EJSCREEN ACS Summary Report, the population density per sq mile is 96, the per capita income is 20,472 and the employable population age 16+ years not in labor force is 37%.

According to the National Environmental Public Health Tracking Network CDC,12.1% of residents in Penobscot county live below the poverty line compared with 10.6% for the state. According to Feeding America, there is a 12.2% food insecurity rate for the population in Penobscot County and the estimated program eligibility among food insecure people is 68% below SNAP and other nutrition programs threshold of 185% poverty and 32% above.

Millinocket, ME-Wabanaki Health & Wellness Center

According to the EJScreen Report for the area of WPHW in Millinocket, ME, low income is in the 76th percentile for the state and 69th percentile for the USA. Unemployment rate is 83rd percentile for the state and 73rd for the USA. According to the EJSCREEN ACS Summary Report the population density per sq mile is 46, the per capita income is 38,405 and the employable population age 16+ years not in labor force is 70%.

According to the National Environmental Public Health Tracking Network CDC, 12.1% of residents in Penobscot county live below the poverty line compared with 10.6% for the state. According to Feeding America, there is a 12.2% food insecurity rate for the population in Penobscot County and the estimated program eligibility among food insecure people is 68% below SNAP and other nutrition programs threshold of 185% poverty and 32% above.

Starks, ME-Bomazeen Land Trust

According to the EJScreen Report for the area of Bomazeen in Starks, ME, air toxics cancer risk EJ Index is in the 79th percentile in the state and 26th in USA. People of color is in the 84th percentile for the state and 28th for the USA, low income is in the 68th percentile in the state and 64th percentile in the USA, the unemployment rate is in the 87th percentile in the state and 78th percentile in the USA and less than high school education is in the 70th percentile for the state and 52nd percentile in the USA. According to the EJSCREEN ACS Summary Report, the population density per sq mile is 42, the percentage of people of color population is 13%, which stands out in the state of Maine, the per capita income is 25,226 and the employable population age 16+ years not in labor force is 55%.

According to the National Environmental Public Health Tracking Network CDC, 14.5% of residents in Somerset County live below the poverty line compared with 10.6% in Maine. According to Feeding America, there is a 15.5% food insecurity rate for the population in Somerset County and the estimated program eligibility among food insecure people is 78% below SNAP and other nutrition programs threshold of 185% poverty and 22% above.

Indian Township, ME

According to the EJScreen Report for the area of Indian Township, ME, the air toxics respiratory HI EJ Index is in the 97th percentile for the state and 29th for the USA. Lead paint EJ Index is in the 94th percentile in state and 82nd in USA. People of color is in the 99th percentile for the state and 72nd for the USA. Low income is in the 90th percentile in the state and 81st for the USA.

Unemployment rate is in the 95th percentile in the state and 90th for the USA. Unemployment rate is in the 95th percentile and 90th in USA. Less than HS education is in the 89th percentile for the state and 68th percentile for the USA. According to the EJSCREEN ACS Summary Report, the population density per sq mile is 9, the percentage of people of color population is 59%, the per capita income is 23,947, the employable population age 16+ years not in labor force is 55%.

According to the National Environmental Public Health Tracking Network CDC:
12% of residents in Washington county live below the poverty line compared with 10.6% for the state. According to Feeding America, there is a 15% food insecurity rate for the population in Washington County and the estimated program eligibility among food insecure people is 75% below SNAP and other nutrition programs threshold of 185% poverty and 25% above.

Lewiston and Auburn, ME-City of Lewiston Franklin Pasture Park and YMCA of Lewiston/Auburn

According to the EJScreen Report for the area of the Franklin Pasture City Park in Lewiston, ME, the air toxics cancer risk EJ Index is 97th percentile in the state and 39th percentile in the USA and the air toxics respiratory HI EJ Index is 97th percentile in the state and 55th percentile in the USA. Traffic Proximity EJ Index is 95th percentile in the state and 76th for in USA. The Diesel Particulate Matter EJ Index is 97th percentile for the state and 53rd in the USA. Lead Paint EJ Index is 98th percentile in the state and 85th percentile in the USA. It is worth noting that the lowest percentile in the state for all of the selected variables in this report is 78th, with all others being above 95th.According to this same report, people of color is 95th percentile in the state and 43rd percentile in the USA. Low Income is 93rd percentile in the state and 86th percentile in the USA. The unemployment rate is 80th percentile in the state and 69th percentile in USA. Limited English speaking is 92nd percentile in the state and 71st percentile in the USA. Less than High School Education is 95th percentile in the state and 77th percentile in the USA.
According to the EJSCREEN ACS Summary Report the percentage of people of color is 24%, which stands out in Maine. Population density per sq. mile is 5,885. The per capita income is $20,771 and 45% of the employable population age 16+ is not in labor force.

According to the National Environmental Public Health Tracking Network CDC: 11.7% of the residents in Androscoggin County live below poverty line compared with 10.6% for the state. According to Feeding America, there is a 12% food insecurity rate for the population in Androscoggin County and the estimated program eligibility among food insecure people is 67% below SNAP, Other Nutrition Programs threshold of 185% poverty and 33% above.

Norway, ME-Alan Day Community Garden

According to the EJScreen Report for the area of Alan Day Community Garden in Norway, ME, the air toxics cancer rate is 88th percentile in the state and 30th in the USA. Lead Paint EJ Index is 84th percentile in the state and 67th percentile in USA. Low income is 91st percentile in the state and 82nd percentile in the USA. The unemployment rate is 82nd percentile in the state and 72nd percentile in the USA. According to the EJSCREEN ACS Summary Report the population density per sq mile is 630 and the per capita income is $26,004. 39% of the employable population age 16+ is not in the labor force.

According to the EJScreen Report for the area of Alan Day Community Garden in Norway, ME, the air toxics cancer rate is 88th percentile in the state and 30th in the USA. Lead Paint EJ Index is 84th percentile in the state and 67th percentile in USA. Low income is 91st percentile in the state and 82nd percentile in the USA. The unemployment rate is 82nd percentile in the state and 72nd percentile in the USA. According to the EJSCREEN ACS Summary Report the population density per sq mile is 630 and the per capita income is $26,004. 39% of the employable population age 16+ is not in the labor force.

According to the National Environmental Public Health Tracking Network CDC, 13% of Oxford County residents live below the poverty line compared with 10.6% for the state. 5.1% of people living in Oxford County lived within a half mile of a park compared with 33.2% for the state of Maine. According to Feeding America, there is a 12.7% Food insecurity rate for the population in Oxford County and the estimated program eligibility among food insecure people is 74% below SNAP and other nutrition programs threshold of 185% poverty and 26% above.

1.b.2 Environmental/Health Issues to be Addressed by the Project

Food insecurity is an environmental justice issue as climate change and environmental factors are resulting in raising food costs and causing disturbances in food distribution systems. Building models of local food production, inherent in our community food forests, improves local food security and climate resilience within the underserved communities where they are established. Additionally, these food forest models address many of the underlying factors that are worsening climate change through carbon sequestration, soil preservation, water retention and industrial food production and transportation. In the projects we will quantify the following measures resulting from the project:

- CO2 Sequestered
- Fruit and Nut Production
- Rainfall Runoff Interception
- Community Members Served
- CO2 Avoided through local food production
- Community Members Involved in Direct Trainings

1.b.3 Environmental/Health Results to be Achieved

This project is designed to create climate resilience by creating local food production This project will produce eight food forests that will serve as environmental resources for climate resilience and food security. Once trees reach maturity, they will collectively generate 584,000 pounds of fruit and nuts annually for the underserved communities. Over their lifetime, the proposed plantings will sequester 2,891,544 of CO2 and avoid 1,674,800 lbs. of CO2 associated with food transportation. The food forests will intercept 3,734,241 gallons of rainfall runoff while serving as enriching community resources. The food forests will annually serve more than 9,100 individuals in communities with high rates of environmental injustice.

1.c Organization's Historical Connect to the Underserved Community

ReTreeUS was founded in Maine, has worked closely with the participating communities for years and is deeply connected to underserved communities within our range of services.

1.c.1 History of Our Involvement with the Community

ReTreeUS has previously worked with the communities proposed for this grant, to include:

- City of Lewiston and St. Mary's Nutrition Center, Lewiston, ME: Since planting the first school orchard in the region in 2014, ReTreeUS has been deeply connected to the

Lewiston/Auburn area as it is our primary hub including our Auburn office. To date, we have planted five school orchards and two community orchards. In 2020, ReTreeUS planted a large orchard at Teisha's Orchard located in a city park in Lewiston, working closely with the City Arborist, Steve Murch (letter of commitment attached) and St. Mary's Nutrition (letter of commitment attached) to plant and maintain the orchard.

- YMCA of Lewiston/Auburn, Lewiston, ME: Through our connected work in Lewiston and Auburn, we forged a connection with the YMCA of L/A in 2022, visiting the site that is ideally suited to become a food forest that will serve the community.
- Alan Day Community Garden, Norway, ME: In 2017 we established a large orchard at this garden and have maintained a close connection with the community conducting annual pruning/grafting and maintenance workshops
- Nibezun, Passadumkeag, ME: In 2022 we helped expand and improve a large food forest at Nibezun and conducted a native fruit and nut tree giveaway
- Bomazeen Land Trust, Starks, ME: In 2022 we forged a relationship with Bomazeen Land Trust. After surveying the site, we will be planting the initial fruit and nut trees at their site in September of 2023
- Passamaquoddy Tribe, Indian Township, ME: In 2019 ReTreeUS planted an orchard at Indian Township School with students, staff and community members. We have continued to maintain the orchard, while also providing school garden support and conducting a native fruit and nut tree giveaway. Our history of collaboration is what prompted the Tribal Council to reach out to ReTreeUS about the project outlined in this proposal.
- Penobscot Tribal Farm, Indian Island, ME: In 2022 we worked with Penobscot Tribal Farm, Indian Island, ME and volunteers to establish an orchard which we are seeking to expand.

1.c.2 Past Experience Working with the Underserved Community

ReTreeUS brings a track record of working with the underserved communities included in our grant request. Through grants and private funding, we have achieved the following:

- 64 educational orchards in schools with elevated levels of food insecurity (67 in Maine, 6 in New Hampshire, 1 Massachusetts). There are 46 Primary Schools, 15 Secondary Schools, 10 Community Projects, 2 High Schools, and 1 College that have benefited from our programs.
- 10 community orchards with partner nonprofits and municipalities that provide services to underserved communities
- Ongoing maintenance of existing orchards through in-person visits, distributed resources and involving community members and students in tree care.
- 2023 represents the 11th year of ReTreeUS conducting orchard programs with underserved communities.
- ReTreeUS has worked with Native American communities since 2019. Our consistent programming and responsiveness to community goals has resulted in strong relationship building within Maine indigenous communities, as is evident in the proposed project that includes 5 Native American communities.

1.c.3 Community Driven Participation

All eight of the community food forest projects outlined in this proposal started with programs within the community initiative to involve ReTreeUS in their efforts to establish and support thriving fruit trees within their communities. Community partners that benefit from our programs are involved with all stages of the orchard progression: planning tree locations,

prepping soil, selecting fruit tree varieties, planting and caring for the trees. In this way, the orchards truly belong to the participants instilling a sense of pride, stewardship and empowerment. Equity is inherent in all the work we do. We are working to create opportunities for all people, regardless of any racial, social, or economic factors, to have access to healthy food, outdoor learning opportunities and to cultivate authentic connections with fruit trees and the earth. As described in *1.c.2*, we give power of decision making and action to the participants. This creates equity in how the work is done and how ownership of the project is realized. Through our extensive collaborations with schools and partner organizations, we are able to equitably involve Mainers to take the reins of fruitful growth.

1.d EJCPS Model

Element 1 occurred prior to our grant application. We will be utilizing all the other elements (2-7) throughout our implementation of this project, as described below.

Element 1. Collaborative Problem-Solving Model (Issue Identification, Community Vision, and Strategic Goal Setting) has already been employed in this project. We have connected with all eight of the communities outlined in this project to identify the issues (i.e., the need for local, sustainable food production and education), communicated/continue to communicate with each community the vision for the project (including types of fruit/nut trees, locations and ongoing maintenance), and set goals to achieve the visions.

Element 2. One of the primary priorities of this project is Community Capacity Building and Leadership Development. Over the 3-year grant period, we will create and support regional Community Orchard Steward AmeriCorps (COSA) VISTA positions that will greatly expand the capacity of communities to cultivate thriving food forests that also serve as educational resources. Each COSA VISTA will gain leadership skills, sharing information and resources that, in turn, will cultivate fruit tree care and cultivation leadership within each community.

Element 3. We have initiated the process of Consensus Building and Dispute Resolution with each of the community projects outlined in this proposal. We have an online application form that sets the foundation for building consensus for each community project as it outlines roles and responsibilities that extend into the future. By applying for our programs, schools and community organizations understand expectations. After 10 years of planting orchards in schools, ReTreeUS is mindful of ways to resolve disputes that can arise from projects of this nature and work to be proactive rather than reactive. We will maintain clear communication and incorporate all viewpoints throughout the execution of this work.

Element 4. This project is built upon Multi-Stakeholder Partnerships & Leveraging of Resources. There are 11 partnerships (all with attached letters of collaboration) and eight locations involved in this effort. We collaborate with each partner to utilize the resources needed for success, whether that is volunteer recruitment, tools, funding, personnel time, vehicles, access to compost and other materials to maximize the impact of projects while minimalizing inputs.

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Element 5. The success of the projects outlined rely on Constructive Engagement by Relevant Stakeholders. We work very closely with all partners and stakeholders to plant and maintain productive orchards and food forests while providing educational opportunities for the community. The process naturally creates engagement of a wide range of stakeholders interested in growing fruit and nut trees and generating healthy food for the community. The educational component is very important to this project, with the goal of educating and inspiring stakeholders to care for fruit and nut trees, multiplying thereby multiplying the positive impacts of the project.

Element 6. After years of experience conducting projects like the one outlined in this proposal, we are committed to Sound Management and Implementation. With each step of the project, we will clearly communicate the goals of the project as well as the steps necessary to reach the goals, along with the associated roles and responsibilities. We make sure that all the steps are manageable and that we are utilizing the strengths of the partners and stakeholders in each project. Further, this work is often inspiring and fun, providing added motivation from partners and stakeholders to create successful projects.

Element 7. This project is designed to serve as a model through Evaluation, Lessons Learned, and Replication of Best Practices. The value of community orchards and food forests is exceedingly clear in an era of climate change and regionally high levels of food insecurity. The problem is establishing and maintaining successful orchards and food forests. By creating regional COSA VISTA positions, we are demonstrating a model for community orchard stewardship that can be replicated nationwide, especially with our connection to The Giving Grove's nationwide network of community orchard affiliates (letter of collaboration attached). We will evaluate the successes of the program and lessons learned to improve our program and to share with a wider network that can utilize our learnings to duplicate successes. Through this process, the potential for positive impacts is multiplied exponentially.

1.e Project Linkages

This project directly supports EPA Strategic Plan Goal 2, Objective 2.1: Promote Environmental Justice and Civil Rights at the Federal, Tribal, State, and Local Levels by taking decisive action to advance environmental justice and civil rights. This project will promote Environmental Justice and Civil Rights at the Federal, Tribal, State, and Local Levels. With five Native American organizations represented in this project, we will take decisive action to advance environmental justice and civil rights for communities with historic degrees of environmental and civil injustice. By utilizing food forests to support food sovereignty efforts this project is promoting environmental and civil justice from within communities.

1.f Partners and Collaborations

As described in the table below, our proposed project promotes collaborations with diverse partners from multiple stakeholder groups. Signed Commitment Letters are provided in *Section 7.c,* included in the Mandatory Other Attachments File.

Partner name, address/Stake holder group	Planned role/activities	How partner will contribute	Resources brought by partner	Vested interest of partner	Future relationship with partner
City of Lewiston Arborist/Public Works 103 Adams Ave. Lewiston, ME 04240	Support community-based orchard maintenance; support improvements on City property	Provide material and personnel resources to support the growth of the community orchard	Staff time, mulch, compost, water access and advocacy	City orchard that improves the park and the lives of citizens	Coordinated ongoing maintenance, harvests, and educational/training events for the community.
The Giving Grove 300 E 39th St. LL1D Kansas City, MO 64111	Support community orchard projects and share best practices within a national network	Provide resources to support the project and share project learns with national network	Curriculum, business model and financial resources	ReTreeUS contributes important intellectual resources to share with the national network and contributes to the collective impact	Continue existing multi-year affiliation
St. Mary's Nutrition Center 208 Bates St. Lewiston, ME 04243	Support community-based orchard maintenance and community involvement	Connect community members to orchard training, harvests, and enhancement planting events	Staff time, community outreach and coordination	Advances the mission of St, Mary's Nutrition Center	Coordinated ongoing maintenance, harvests, and educational/training events for the community.
Ending Hunger Corps, Maine Department of Agriculture, Conservation, 18 Elkins Lane, 22 State House Station Augusta, ME 04333	Partner to host 4 Community Orchard Steward AmeriCorps VISTA regionally in Maine, increasing the capacity of ReTreeUS and increasing positive impacts	Serve as the official employer of the AmeriCorps VISTA members that will serve with ReTreeUS	Staff time, human resource management, information sharing, support for service members	Advances the mission of Ending Hunger Corps Maine	Continue partnership hosting regional COSA VISTA service members in order to amplify collective positive impacts

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Partner name, address/Stake holder group	Planned role/activities	How partner will contribute	Resources brought by partner	Vested interest of partner	Future relationship with partner
Bomazeen Land Trust Starks, ME 04938	Collaborate to establish a food forest at headquarters; coordinate ongoing maintenance and harvest distribution.	Coordinate to implement planning, planting and ongoing care of food forest	Agricultural land, volunteers, staff time, compost, water access, community coordination	Gain a food forest of 30 large fruit trees and 50 smaller native fruit and nut trees, maintenance support, and educational opportunities	Coordinated ongoing maintenance, harvests, and educational/training events for the community.
Nibezun 18 Nepisikwit Drive Passadumkeag, ME 04493	Collaborate to enhance existing orchard; coordinate training opportunities; facilitate ongoing maintenance and harvest distribution.	Connect community members to orchard training, harvests, and enhancement planting events	Agricultural land, volunteers, staff time, compost, water access, community coordination	Receive 25 large fruit trees and 100 smaller native fruit and nut trees, maintenance support, and educational opportunities	Coordinated ongoing maintenance, harvests, and educational/training events for the community.
Alan Day Community Garden 26 Whitman St. Norway, ME 04268	Collaborate to enhance existing orchard. Coordinate training opportunities. Facilitate ongoing maintenance and harvest distribution.	Connect community members to orchard training, harvests, and enhancement planting events	Agricultural land, volunteers, staff time, compost, water access, community coordination	Receive 30 large fruit trees and 100 smaller native fruit and nut trees, maintenance support, and educational opportunities	Coordinated ongoing maintenance, harvests, and educational/training events for the community.
Penobscot Nation Department of Natural Resources 12 Wabanaki Way Indian Island, ME 04468	Collaborate to enhance existing orchard; coordinate training opportunities; facilitate ongoing maintenance and harvest distribution.	Connect community members to orchard training, harvests, and enhancement planting events	Agricultural land, volunteers, staff time, compost, water access, community coordination	Receive 50 large fruit trees and 200 smaller native fruit and nut trees, maintenance support, and educational opportunities	Coordinated ongoing maintenance, harvests, and educational/training events for the community.

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Partner name, address/Stake holder group	Planned role/activities	How partner will contribute	Resources brought by partner	Vested interest of partner	Future relationship with partner
YMCA of Auburn-Lewiston 62 Turner Street Auburn, ME 04210	Collaborate to establish a food forest at Outdoor Learning and Education Center; coordinate ongoing maintenance, and harvest distribution.	Implement planning, planting, and ongoing care of food forest	Agricultural land, volunteers, staff time, compost, water access, community coordination	Receive 50 large fruit trees and 200 smaller native fruit and nut trees, maintenance support, and educational opportunities	Coordinated ongoing maintenance, harvests, and educational/training events for the community.
Wabanaki Public Health & Wellness Center 16 Central St., Bangor, ME 04401	Collaborate to establish a food forest at Outdoor Learning and Education Center, coordinate ongoing maintenance, and harvest distribution.	Coordinate with ReTreeUS to implement planning, planting, and ongoing care of food forest	Agricultural land, volunteers, staff time, compost, water access, community coordination	Aligned community-based organization will receive 50 large fruit trees and 150 smaller native fruit and nut trees, maintenance support and educational opportunities	Coordinated ongoing maintenance, harvests, and educational/training events for the community.
Indian Township Tribal Government, Box 301, Princeton ME, 04668	Collaborate to establish a food forest at Outdoor Learning and Education Center, coordinate ongoing maintenance, and harvest distribution.	Coordinate with ReTreeUS to implement planning, planting, and ongoing care of food forest	Agricultural land, volunteers, staff time, compost, water access, community coordination	Aligned community-based organization will receive 50 large fruit trees and 200 smaller native fruit and nut trees, maintenance support and educational opportunities	Coordinated ongoing maintenance, harvests, and educational/training events for the community.

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2. Project Activities/Milestone Schedule/Detailed

We have developed a structured plan and milestone schedule for the project, provided below.

2.a Project Activities

Date	Steps	Anticipated products/results
11/2023-2/2024	Communicate with partners. Establish plan of work for 2 regional Community Orchard Steward Americorps (COSA) VISTA positions	Plan of work documents for 2 regional COSA Americorps service members
3/3024-4/2024	Conduct pruning and tree care workshops at Alan Day Community Garden (ADCG), Nibezun, Penobscot Tribal Farm (PTF), Teisha's Orchard in Lewiston City Park (TO). Educate partner caretakers in the process	4 community training sessions that improve the health of 4 food forest projects
5/2024	Conduct food forest preparation visits at Wabanaki Public Health and Wellness Center (WPHWC) and YMCA of Lewiston/Auburn (L/A), Passamaquoddy Tribal Farm and Garden (PTFG) and Bomazeen Land Trust (BLT). Plant trees in nursery to be planted partner sites in the fall	4 food forest preparations. 300+ large fruit trees and 700 smaller fruit and nut trees potted and in nursery
6/2024-8/2024	Create resources for 2 new Vista members that will start in September of '24. Cultivate and maintain trees in the nursery	Resource book for COSA Americorps members
9/2024	Orientation and training for 2 new VISTA members (L/A Region VISTA and Bangor Region VISTA). Conduct final preparation meetings for WPHWC, PTFG, BLT, YMCA L/A and WPHWC food forest plantings.	Expanded capacity with 2 new regional Americorps members
10/2024	Plant new community food forests at WPHWC, PTFG, BLT, YMCA L/A and WPHWC	4 new food forests, 180 large fruit trees and 600 smaller native fruit and nut trees planted
11/2024-2/2025	Communicate with partners. Establish plan of work 3 regional COSA VISTA members	Plan of work documents for 3 regional COSA VISTA members
3/2025-4/2025	Conduct pruning and tree care workshops at WPHWC, PTFG, BLT, YMCA A-L and WPHWC. Educate VISTA members and partner caretakers in the process	4 community training sessions that improve the health of 5 food forest projects
5/2025	Conduct food forest enhancement preparation visits at Nibezun and TO. Plant trees in nursery to be planted partner sites in the fall. Plant native fruit and nut saplings to be distributed with community giveaways	2 community education events that prepare sites for fall planting
6/2025-8/2025	Convene with the 2 regional VISTA members for training and sharing of learnings. Prepare resources for a new VISTA service member to start in the fall	Completed surveys from service members assessing programs (data collection)
9/2025	Orientation and training for 3 VISTA members (L/A Region VISTA and Bangor Region VISTA and new Northern Region VISTA). Conduct final preparation meetings for Nibezun, AMS and TO food forest enhancement projects and tree giveaways	Expanded capacity with 3 COSA VISTA members

Date	Steps	Anticipated products/results
10/2025	Plant additional trees, shrubs and perennial plants at Nibezun and TO. Conduct L/A area tree giveaway	50 large fruit trees and 150 smaller fruit and nut trees planted. 300 small fruit and nut tree giveaway for L/A community
11/2025-2/2026	Communicate with partners. Establish plan of work 4 regional Community Orchard Steward AmeriCorps VISTA positions	Plan of work documents for 4 regional COSA AmeriCorps service members
3/2026-4/2026	Conduct pruning and tree care workshops at PTFG, TO, YMCA L/A and WPHWC Educate VISTA members and partner caretakers in the process	6 community training sessions that improve the health of 6 food forest projects
5/2026	Conduct food forest enhancement preparation visits at BLT, PTF and ADCG. Plant trees in nursery to be planted partner sites in the fall. Plant native fruit and nut saplings to be distributed with community giveaways	3 community education events that prepare sites for fall planting
6/2026-8/2026	Convene with the 3 regional VISTA members for training and sharing of learnings. Prepare resources for a new VISTA service member to start in the fall	Completed surveys from service members assessing programs (data collection)
9/2026	Orientation and training for 4 VISTA members (L/A Region VISTA, Bangor Region VISTA, Northern Region VISTA and new Downeast Region VISTA). Conduct final preparation meetings for Bomazeen, PTF and ADCG food forest enhancement projects and tree giveaways	Expanded program capacity with 4 regional COSA VISTA members
10/2026	Plant additional trees, shrubs and perennial plants at BLT, PTF and ADCG. Conduct tree giveaway with WHWC	60 large fruit trees and 200 smaller fruit and nut trees planted. 300 smaller fruit and nut trees given to community

2.b Milestone Schedule

Date	Milestone
4/2024	4 community training sessions completed (ADCG, TO, PTF, and Nibezun)
5/2024	4 food forest preparation visits completed (WPHWC, PTFG, BLT, YMCA A-L and WPHWC)
7/2024	Impact report 1 completed, resource book for COSA VISTAs published
9/2024	2 COSA VISTA Members on-boarded
10/2024	4 new food forests planted (PTFG, BLT, YMCA L/A and WPHWC) representing 180 large fruit trees and 600 small native fruit and nut trees planted)
4/2025	4 additional community training sessions completed (PTFG, BLT, YMCA L/A and WPHWC)
5/2025	2 additional food forest enhancement preparation visits completed (TO and Nibezun)
7/2025	Impact report 2 completed
9/2025	3 COSA VISTA Members on-boarded
10/2025	Additional trees, shrubs and perennial plants planted, enhancing 2 existing food forests (Nibezun and TO) representing 50 large fruit trees and 150 smaller fruit and nut trees planted, 300 small native fruit and nut tree giveaway (TO)

Date	Milestone
4/2026	4 additional community training sessions completed (PTFG, TO, YMCA L/A and WPHWC)
5/2026	3 additional food forest enhancement preparation visits completed (BLT, PTF and ADCG)
7/206	Impact report 3 completed
9/2026	4 COSA VISTA Members on-boarded
10/2026	Additional trees, shrubs and perennial planted enhancing 3 existing food forests (BLT, PTF and ADCG) representing 60 large fruit trees and 200 smaller fruit and nut trees planted. 300 small native fruit and nut tree giveaway (WHWC)

2.c Itemized Budget Sheet/Budget Narrative

Please refer to Section 7.a, included in the Mandatory Other Attachments File, for our Itemized Budget Sheet/Budget Narrative.

3. Environmental Results – Outputs, Outcomes, and Performance Measures

A project of this type provides invaluable outputs across the underserved areas.

Site	*Large Fruit Trees to be Planted	**Small Native Fruit & Nut Trees to be planted	Community Members involved in Trainings	Community Members Served	***Small Native Fruit & Nut Trees to be given away
Alan Day Community Garden (Norway, ME)	30	100	60	2000	0
Bomazeen Land Trust (Starks, ME)	30	50	40	1200	0
Nibezun (Passadumkeag, ME)	25	100	40	800	0
Teisha's Orchard (Lewiston City Park)	25	50	200	2000	300
Penobscot Tribal Farm (Indian Island, ME)	10	150	24	590	0
Passamaquoddy Tribal Orchard and Garden (Indian Township)	50	200	30	710	0
YMCA L/A (Auburn, ME)	50	200	80	800	0
Wabanaki Health and Wellness Center	50	150	50	1000	300
Totals	**270**	**1000**	**524**	**9100**	**600**
* Assumes mature common apple (malus domestica) with 3" dbh. 40-year life span w/ 10% mortality					
** Assumes mature hazelnut with 1" dbh.					
***Not included in ecological outcomes					

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Ecological outcomes are provided below, estimates generated by iTree software unless specified.

Outcome	Large Fruit Trees	Small Native Fruit & Nut Trees	Total
Lifetime Avoided runoff (gallons)	1,006,824.40	2,727,416.90	3,734,241.30
Annual fruit harvest (lbs.)	54,000.00	25,000.00	584,000.00
Lifetime CO2 avoided**** (lbs.)	1,144,800.00	530,000.00	1,674,800.00
Lifetime CO2 sequestered (lbs)	825,112.50	2,066,431.60	2,891,544.10
**** estimate not generated by iTree. Based on assumed yield of 200lbs fruit per annum; 0.53 lbs of CO2e per pound			

3.a Environmental Results (Logic Model)

Please refer to *Section 7.b,* included in the Mandatory Other Attachments File, for our Logic Model.

3.b Performance Measurement Plan

This project has identifiable milestones. Performance measurements will be taken at each milestone to track progress towards the achievement of planned outputs and outcomes. In addition to completing all necessary reporting required of this grant, ReTreeUS will complete a comprehensive analysis of the project in July of 2024, 2025, and 2026. This analysis includes collecting surveys from partners and COSA VISTA members, tracking progress and evaluating impact data that will result in a thorough published report.

3.c Sustainability Plan and Community Vision

The objective of this project is to create a sustainable infrastructure that will enable the eight community food forests to thrive into the future, bringing the shared community visions to fruition. Additionally, this project is designed to serve as a replicable model that will bring success to similar projects nationwide. This project truly is utilizing partnerships to problem solve environmental justice issues. The implementation of regional Community Orchard Steward AmeriCorps VISTA positions to maximize food forests in food insecure communities represents significant collaboration and collective problem solving.

4. Programmatic Capability

Through our past experience and current staff and volunteer network, ReTreeUS brings the programmatic capability required to pursue this grant.

4.a Organizational Experience

Since our creation in 2012, ReTreeUS has brought to reality our motto "we plant trees of fruit and seeds of thought." Specific examples of ReTreeUS initiatives that incorporate an approach similar to our proposed approach for the EJCPS grant are:

Back to School Garden Program. By supporting school gardens by aligning crop production to the school calendar, we seek to create equitable access to nutritious food by equipping youth with the knowledge and resources necessary to grow food. This program focuses on building soil, limiting summer maintenance, and the production of nutrient dense, cold-hardy greens for cafeterias. We work directly with students and community organizations to create edible landscapes that provide countless benefits to human health and the ecology. We have planted 70 orchards in schools and 8 food forests with partner organizations that work to create equitable access to healthy food and make positive contributions to the environment. Our programs are

designed to generate healthy food for communities, promote ecological diversity, improve climate resilience and inspire environmental stewardship for generations.

Orchard Program. In 2024, we will plant our 100th educational orchard with students and community members! Each orchard and food forest we build generates thousands of pounds of nutritious fruit and nuts over time, providing increased access to healthy food. Meanwhile, the lessons we conduct with students and community members have created a multiplying effect of positive change. These orchards serve as outdoor classrooms that inspire local food production and environmental stewardship while generating thousands of pounds of fruit and nuts over time. By giving students and community members ownership over their fruit trees, we invite opportunities for connectivity. The seeds of thought that grow from these experiences have the power to generate enormous positive change as people are inspired by local food production and environmental stewardship.

4.a.1 Supportive Infrastructure

ReTreeUS is a program of United Charitable that has built both an organizational infrastructure and strong ties to local communities across Maine. ReTreeUS has built an intricate web of volunteers, community organizations, and tangible assets on which we rely. These include:

- **Volunteers:** We leverage a volunteer workforce of 100+ across the State; averaging 96 hours per year, representing a total of 9,600 volunteer hours.
- **Partnerships.** We rely on 74 partnerships with schools and community-based organizations (67 in Maine, 6 in New Hampshire, and 1 Massachusetts); this includes 46 Primary Schools, 15 Secondary Schools, 10 Community Projects, 2 High Schools, and 1 College and includes reach to more than 36,500 people annually with our programs (17,197 Primary School students, 11,559 Secondary School students, 3,500 community members with partner projects, 2,500 College students and 1,800 High School students). In addition, we are an affiliate partner of Giving Grove, a nonprofit program whose mission is: "to provide healthy calories, strengthen community, and improve the urban environment through a nationwide network of sustainable little orchards." The Giving Grove provides network building and financial support to ReTreeUS and we provide insight that benefits the national network.
- **United Charitable:** Our Fiscal Sponsor and registered 501(c)(3) provides simple customized vehicles that fulfill the philanthropic endeavors of corporations, families, and individuals. United Charitable provides accounting, administrative, compliance, filing, and legal services to us so we can focus on carrying out our mission and impacting our community.
- **Program Specific Staff:** In addition to the support from United Charitable's staff, the ReTreeUS program has two staff members, Richard Hodges, Program Manager (resume attached) and Shelley Kruszewski, Program Coordinator (resume attached)
- **Tangible assets:** ReTreeUS brings an established infrastructure to support the proposed initiative to include transport (i.e., van and trailer) to move items, and an existing fruit tree nursery to source plantings. The nursery includes more than 1,000 trees annually and is used to support our programs with tree varieties selected for hardiness and disease resistance that are maintained without the use of artificial fertilizers or chemical pesticides.

4.a.2 Qualifications of PM and Staff

Our proposed project team bring the qualifications and experience to successfully manage and complete this grant.

- **Project Manager (PM) Richard Hodges** brings over two decades of experience as an outdoor and agricultural educator. As the Founder of ReTreeUS, Mr. Hodges understands the

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criticality of detailed orchestration of programs with multiple stakeholders, fundraising, communication, orchard and garden design, educational instruction to a wide range of age levels, budget management, and strategic development.

- **Project Coordinator Shelley Kruszewski** has worked across several organizations to address food insecurity and other environmental issues for the last decade. Her current position as ReTreeUS' Program Coordinator has prepared her with hands on experience in tree planting, administration of educational programs, and communications with local communities and schools across Maine.
- **Data Analyst Dr. Daniel Feller** is a highly skilled and results-oriented leader with solid academic preparation and a proven ability to provide data analytics to a variety of science oriented topics. He brings more than 10 years' experience working with healthcare and environmental datasets. As a member of ReTreeUS' Advisory Committee, Dr. Feller has been involved in numerous ReTreeUS initiatives over the last three years. For example, applying data analytics to our outcomes, Dr. Feller has developed models for calculating carbon sequestration and carbon offsets of orchards, and calculating environmental factors including water retention.

4.b Staff Experience and Qualifications of Project Manager

Our proposed project team brings the qualifications to undertake this project to include direct hand-on experience with sustainable farming, food insecurity, and data analytics. Further, Mr. Hodges and Ms. Kruszewski bring close ties across New England and specifically within Maine. ReTreeUS is well embedded across the area, for example:

- School ties: ReTreeUS Back to School Garden Program *(see Section 4.a)* has been implemented and continues to thrive in ME and NH with 30 schools involved to date and an additional 20 more schools to be added in 2023. The Orchard Program has planted fruit trees at 64 schools representing more than 33,000 students annually.
- Community organizations: ReTreeUS has worked with 10 community organizations in ME and NH to plant large community orchards that reach more than 3,500 people annually.
- Tribal experience: ReTreeUS has worked closely with indigenous nonprofits groups across Maine, serving low income and indigenous populations to include proposed project partners.

Further, under the direction of Mr. Hodges, ReTreeUS has successfully managed 60 grant projects over the last 10 years (i.e., the five cited in *Section 5* and the list below):

- 12 Arbor Day Foundation project grants
- Captain Planet Foundation
- Davis Conservation Foundation
- Elmina B. Sewall Foundation (x3)
- First National Bank (x2)
- Maine Agriculture in the Classroom (x5)
- Maine Community Foundation (x5)
- Maine Farmland Trust, Blue Hill Grant
- Maine Initiatives
- Mark Baumer Sustainability Fund
- Momentum Inc
- National Gardening Association
- Network For Good
- Onion Foundation (x7)
- Quimby Family Foundation (x8)
- Shrewsbury Institute for Agriculture Education
- Stephen and Tabitha King Foundation
- Unity Foundation (x3)
- USDA Specialty Crop Grant with Maine Landscape and Nursery Association
- Davis Education Foundation with Maine School Garden Network
- University of Maine Farm to School Institute
- Onion Foundation (x7)
- Quimby Family Foundation (x8)

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- Shrewsbury Institute for Agriculture Education
- Stephen and Tabitha King Foundation
- Unity Foundation (x3)
- USDA Specialty Crop Grant with Maine Landscape and Nursery Association
- Davis Education Foundation with Maine School Garden Network
- University of Maine Farm to School Institute

4.c Expenditure of Awarded Grant Fund and Plan for Compliance with EPA's Pre-Award Compliance Review

United Charitable (UC) adheres to strict financial and budget controls across all programs, with a system of checks and balances between UC's controller and the accounting department. Financials are tracked in the Iphicore nonprofit accounting software. For grant purposes, UC holds all funds which are disbursed upon request from the ReTreeUS program. All receipts and invoices are reviewed by UC to verify they are legitimate and fit within the boundaries of the grant.

5. Past Performance

Within the last three years, ReTreeUS has participated in numerous federal and non-federal grants, described below.

Duration	Grantor/Project	Successfully completed and managed budgets, activities	Met reporting requirements timely	Adequately reported on progress	Submitted acceptable final technical reports
2021	USDA/Farm to School Turnkey Grant	X	X	X	X
2022	Arbor Day Foundation/TD Green Space Grant	X	X	X	X
2022	Arbor Day Foundation/TD Tree Days Grant	X	X	X	X
2022	Maine Community Foundation, Community Building Grant (Piscataquis County)	X	X	X	X
2021	Maine Community Foundation, Community Building Grant (Washington County)	X	X	X	X

6. Quality Assurance Project Plan (QAPP) Information

We will not submit a QAPP for this project.

7. Other Attachments

Please see the **Mandatory Other Attachments File** for the following:

- Section 7.a – Itemized Budget Sheet/Budget Narrative
- Section 7.b – Environmental Results/Logical Model
- Section 7.c – Letters of Commitment from Partners
- Section 7.d – Resumes of Project Manager and Key Personnel
- Section 7.e – Proof of Non-Profit Status

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7.a Itemized Budget Sheet/Budget Narrative

Our itemized budget provided below presents the funds needed to complete the proposed plan of work. The following are important considerations:

- The budget for 2023 is only for November and December, trees are pre-ordered those months for 2024 projects.
- The majority of large fruit trees for this project will be planted in 2024 hence the value for 2023 Fruit Trees is the greatest.
- Personnel values are determined by the percentage of time spent on this specific project, not including time spent on other organizational projects. The proportionate values are attributed relative to the associated salary. This project represents 70% of the personnel time of the Program Coordinator and 40% of the overall personnel time of the Program Manager.
- Significant travel is necessary to conduct the project outlined, the values for Travel Reimbursement are calculated using the current IRS Standard Milage Reimbursement Rate of 65.5 cents per mile. This includes milage for AmeriCorps VISTA members as well as ReTreeUS staff.
- The keystone of this project is the incorporation of AmeriCorps VISTA Members to build organizational capacity, 2 in 2024, 3 in 2025 and 4 in 2026. The cost of supporting these positions, in addition to other subcontracted positions gets larger each year, reflecting the addition of service members.
- Providing housing stipends to AmeriCorps VISTA members improves the quality applicants for the positions and improves the experience of the members. $5,000 of housing stipend is allocated to each member.
- United Charitable provides the financial, legal and logistical support to ReTreeUS and the Administrative Fees cover that expense.

2023 (Nov-Dec)	
Expense	**Amount**
Supplies	
Fruit Trees	$6,200
Root Stock	$400
Native Trees and Shrubs	$1,200
Soils and mulch	$0
Biodegradable Pots	$0
Fencing and rodent protection	$0
Tools	$0
Harvest materials	$0
Irrigation	$0
Educational Signage	$0
Travel	
Mileage Reimbursement	$0
Personnel	
Program Manager	$4,800
Program Coordinator	$5,250
Subcontractors & AmeriCorps VISTAs	
AmeriCorps lodging stipend(s)	$0
Administrative Fees	$1,500
Total Expense	**$19,350**

2024	
Expense	**Amount**
Supplies	
Fruit Trees	$5,500
Root Stock	$400
Native Trees and Shrubs	$1,200
Soils and mulch	$4,400
Biodegradable Pots	$600
Fencing and rodent protection	$5,500
Tools	$2,800
Harvest materials	$2,000
Irrigation	$8,400
Educational Signage	$1,900
Travel	
Mileage Reimbursement	$5,265
Personnel	
Program Manager	$28,000
Program Coordinator	$31,500
Subcontractors & AmeriCorps VISTAs	$24,000
AmeriCorps lodging stipend(s)	$10,000
Administrative Fees	$17,000
Total Expense	**$148,465**

2025	
Expense	**Amount**
Supplies	
Fruit Trees	$5,500
Root Stock	$400
Native Trees and Shrubs	$2,100
Soils and mulch	$4,700
Biodegradable Pots	$600
Fencing and rodent protection	$5,200
Tools	$2,800
Harvest materials	$2,000
Irrigation	$7,300
Educational Signage	$1,500
Travel	
Mileage Reimbursement	$6,400
Personnel	
Program Manager	$28,000
Program Coordinator	$31,500
Subcontractors & AmeriCorps VISTA	$36,000
AmeriCorps lodging stipend(s)	$15,000
Administrative Fees	$17,000
Total Expense	**$166,000**

2026 (Jan-Oct)	
Expense	**Amount**
Supplies	
Fruit Trees	$0
Root Stock	$0
Native Trees and Shrubs	$0
Soils and mulch	$4,060
Biodegradable Pots	$600
Fencing and rodent protection	$5,300
Tools	$2,700
Harvest materials	$2,000
Irrigation	$3,500
Educational Signage	$2,950
Travel	
Mileage Reimbursement	$7,200
Personnel	
Program Manager	$24,000
Program Coordinator	$28,875
Subcontractors & AmeriCorps VISTA	$48,000
AmeriCorps lodging stipend(s)	$20,000
Administrative Fees	$17,000
Total Expense	**$166,185**

7.b Environmental Results/Logic Model

Resources / Inputs	Activities	Outputs	Audience	Short-term Outcomes	Resources / Inputs	Activities
Fruit/nut trees and materials necessary for planting and maintaining them Travel Staff time AmeriCorps Service Member service Community involvement	Community tree plantings Orchard stewardship trainings Resource development and sharing	8 food forests thriving at community-based organizations 270 large fruit trees and 1,000 smaller native fruit and nut trees planted 600 smaller native fruit and nut trees distributed to community members 500+ community members trained in orchard caretaking 9,100 community members annually provided with increased access to healthy food	Local partners Community residents AmeriCorps VISTA service members National network of organizations planting community orchards (Giving Grove)	Increase in number of community members aware of fruit and nut production Decrease of vacant public-use land in communities Expanded organizational capacity for ReTreeUS	Greater involvement of community members with their community orchards and food forests. Expanded access to native fruit and nut trees that can be planted at community members' homes New information about community orchard and food forest stewardship models that can be shared with national network Increase in community orchard stewardship	2,891,544 lbs. CO2 sequestered over orchards' lifetime 584,000 lbs. of fruit harvested annually 1,67,800 lbs. CO2 avoided annually via local fruit production 3,734,241 gallons of storm runoff avoided 8 thriving community food forests that serve thousands of community members that face environmental injustice

7.c Letters of Commitments from Partners

LEWISTON ME

Public Works

Steve Murch, Lewiston City Arborist

March 24, 2023

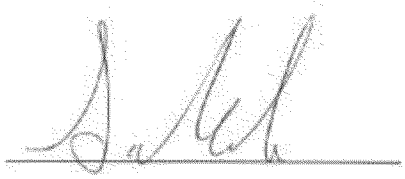
Re: The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

To Whom it may concern,

Please accept this letter on behalf of the City of Lewiston supporting ReTreeUS and their grant request.

Over the last several years ReTreeUS has established a footprint in our community planting trees and educating the public which we expect will have lasting impact for years to come. They have worked with several schools, St Mary's Nutrition Center (a community resource for those in need), the local Farmers market and our staff at Lewiston Public Works. Their outreach, extending through these groups and organization's in our community has benefitted countless residents. As successful and productive as they have been, ReTreeUS hopes to do more and their vision is shared by the City of Lewiston. The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program will help make this vision a reality.

The City of Lewiston stands ready to support their efforts through contributions of labor and outreach efforts. Thank you in advance for your consideration of this proposal and please feel free to contact me directly if you have any questions regarding our support for this project.



Steve Murch

City Arborist

Lewiston Public Works

Ex. 6 Personal Privacy (PP)

smurch@lewistonmaine.gov

April 11, 2023

To Whom it May Concern,

I'm delighted to offer this letter of collaboration for ReTreeUS. ReTreeUS joined The Giving Grove affiliate network in February 2023. This partnership equips tree planting and community garden organizations with the means to turn on, or ramp up, their own orcharding programming. This includes providing ReTreeUS with curriculum and a business model to empower neighborhoods to grow their own fruits, berries and nuts – making these nutritious calories available to the community for free.

The model is based on a set of principles that have proven successful in thirteen affiliate cities. These principles include the importance of being "invited in" to the community, ensuring that the community orchards are the asset of the neighborhood or school. This also ensures that the maintenance is led by the community and that the surrounding community is actively engaged in the planting, maintaining, and harvesting.

We are very excited about this collaborative partnership, and there are many best practices to share with all thirteen affiliates across our network. We hope that through this Environmental Justice Problem-Solving Cooperative Agreement Grant, ReTreeUS will be able to share their experience in applying food forest practices to existing and new orchards with this nation-wide network. Investing in this cooperative project is investing in innovative approaches to creating equitable tree canopy that also provides organically-grown fruits, berries and nuts for families who often do not have access to this sort of nutrition.

For these reasons, we are pleased to support this grant application.

Sincerely,

Ashley Williamson
The Giving Grove, Co-Executive Director

300 EAST 39TH STREET, KANSAS CITY, MISSOURI 64111

PHONE | Ex. 6 - Personal Privacy (PP) EMAIL | info@givinggrove.org WEB | www.givinggrove.org

ATLANTA | AUBURN, ME | CINCINNATI | DALLAS | DENVER | DETROIT | KANSAS CITY | LOUISVILLE | MEMPHIS | OMAHA | SEATTLE | ST. LOUIS

To whom it may concern,

Bomazeen Land Trust is the first Indigenous land trust in Wabanaki territory, and our mission is to enable the Abenaki/Wabanaki people to renew and resume our land caretaking and stewardship roles in lands and waters with historical, spiritual, and ecological significance to the Abenaki/Wabanaki people. We work to rematriate traditional land and knowledge back to our community through land return, cultural programs for the Wabanaki community, and education. We send this letter in support of ReTreeUS and our partnership in 2023.

In 2021, we received our first land return of 60 acres that included a large forested area, 9 cabins, and a large mess hall with a commercial kitchen. We are using these facilities as our Food Sovereignty Center, and would like to re-tree the parcel of the land that as formerly cleared with fruit and nut trees. Re-Tree US has offered to donate a selection of our choosing and we plan to convene a planting and care workshop in the coming year. Once the trees begin producing, we'll continue hosting workshops around food processing and maintenance.

Perennial food forests are a big part of Wabanaki diets, and expanding our options beyond conventional farming would expand our community's knowledge and food systems capacity. Our vision for the food sovereignty center in Starks, Maine is to grow and process cultivated and forested foods/medicines, and offer workshops for the community to share out that knowledge. Having fruit and nut trees on site could be a learning opportunity for all visitors for many years to come and would also benefit the community with the food they provide.

Signed,

Bomazeen Land Trust

Mali Obomsawin, *Executive Director*

Date: December 7, 2022

nibezun

P.O. Box 387
Old Town, ME 04468
Ex. 6 - Personal Privacy (PP)
nibezun.org

April 11, 2023

Environmental Protection Agency
Environmental Justice Problem-Solving Cooperative Agreement Program

Dear Environmental Justice Problem-Solving Cooperative Agreement Grantmaking Committee,

We write today to express our support for our friends and partners at ReTreeUS, a nonprofit organization dedicated to promoting an environmentally sustainable, socially just food system through education, practical resources, and mentorship.

Nibezun was founded in 2016 when Wabanaki community members and non-Indigenous allies came together to save sacred land along the Penobscot River, protecting it for the healing of all people and future generations. Our vision is for present and future generations to nurture the sacred unbroken relationship with Mother Earth and each other, living in balance on the ancestral lands and waterways of the Wabanaki. Since our successful campaign to purchase this land was completed in 2018, we have identified six key areas to focus our healing efforts on: ceremony, peacemaking, sustainable lifeways, Wabanaki arts, Wabanaki languages, and wellness. Our partnership with ReTreeUS began in 2021 and has been one of the cornerstones of our Sustainable Lifeways program.

Sustainable Lifeways emphasizes the importance of living in balance with Mother Earth and all our non-human relatives; by nurturing and respecting life around us, we live healthfully in return. Since partnering with ReTreeUS we have worked together to plant 100 fruit and nut trees at Wabanaki-led nonprofits and tribal programs – Nibezun included – and distributed 300 fruit and nut trees to Wabanaki people across the state. Sharing these food trees is one of the many ways we seek to educate and create an abundant future for all, with people and the environment at the center.

Food is medicine and ongoing support from ReTreeUS means continuing our efforts to not only care for our own orchard at Nibezun, but share that knowledge with the Wabanaki community who planted their trees last fall. We hope to continue our food tree distribution program, building on it to teach people how to care for, prepare, preserve, and rely more on our local environments to provide for us in return.

Woliwon (thank you),

Nicole Paul (Passamaquoddy)
Co-Director

Frances Soctomah (Passamaquoddy)
Co-Director

Nibezun is a 501(c)(3) non-profit organization. EIN 81-2298507

Chief
William Nicholas Sr

Vice Chief
Joseph Socobasin

Tribal Representative
Aaron Dana

Indian Township
Tribal Government
Passamaquoddy

Ex. 6 Personal Privacy (PP) Tel. Ex. 6 Personal Privacy (PP)

Council Members
Alexander Nicholas I
Matthew Dana II
Roger Socobasin I
Wade Lola
Mihku Sabattus
Richard Sabattus

April 13, 2023

Environmental Protection Agency

Dear Environmental Justice Problem-Solving Cooperative Agreement Grantmaking Committee,

The Indian Township Tribal Government in Collaboration with the Indian Township Housing Authority works with the reservation and members of the tribe to help with Housing, Medical, Social Services, Education, Food Programs, Youth Programs, and many other services. The Indian Township Tribal Government also encourages Tribal Members to engage in programs to better themselves and the community.

We are very excited about the prospect of working with ReTreeUS to start our next venture to establish a food forest also known as Passamaquoddy Tribal Orchard and Garden, our goal is to get this up and running and teach Tribal Members how to grow, plant, and harvest fruits and vegetables, we would like to incorporate our workforce program and the Indian Township School.

Our goal is to get this started and teach our Tribal Members the complete process of starting the program, sustaining the program, and maintaining the program to provide fruits and vegetables for our local food pantry and community and their own homes.

Thank You

William J. Nicholas
Tribal Chief
Indian Township Tribal Government

Wade L. Lola
Executive Director
Indian Township Housing Authority

FOR YOUTH DEVELOPMENT®
FOR HEALTHY LIVING
FOR SOCIAL RESPONSIBILITY

YMCA of Auburn-Lewiston
62 Turner Street
Auburn, ME 04210
P: 207-795-4095
F: 207-795-4058
www.alymca.org

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Ray Stone
Stephen Costello
TJ Abacha

Steven W. Wallace
Chief Executive Officer

October 25, 2022

Greetings,

The YMCA of Auburn-Lewiston is excited to present the next impact project for the Outdoor Learning and Education Center (OLEC). OLEC is a 98-acre parcel of land centrally located in the City of Auburn. The YMCA began developing this property in 2015 as a site to offer Outdoor Educational programming to the Auburn-Lewiston community. In the initial phases we have been able to run a variety of community events as well as our summer camp program, while making the property available to the public for open use. Partnerships have been established with the Veterans Administration in Togus, The Lewiston Veterans Center, Dempsey Center, Lewiston and Auburn School Departments, and the Boy and Girl Scouts of America for several events and programs to make an outdoor experience accessible for community organizations who may have barriers to such a site otherwise.

In our next major phase of development, we will be building a 5,500 square foot Camp Lodge that will allow us to have 4-season programming and provide shelter from the elements and double our capacity for youth participants. The development of an orchard will serve several programs, as well as open several agricultural and wellness education opportunities. The orchard will allow us to begin a Master Gardener program with the USM Cooperative Extension, by sending volunteers to get training and become stewards for the organization. Our volunteer stewards will then become mentors and educators as we introduce agricultural programs to the community.

Auburn-Lewiston is the most densely populated areas of the state with a 2020 census population of 107,958, and an 11.3% poverty rate. The impact that green spaces like an orchard and garden for educational and experiential learning make cannot be overstated. Having the orchard will not only create learning opportunities but will also support our community members in need. Looking at the potential for growth and adding to the agricultural site, harvests from the orchards and garden areas will give us the opportunity to send fresh produce home with youth in our childcare and camp programs.

Wil Libby
Director OLEC / Safety
Auburn-Lewiston YMCA
Ex. 6 - Personal Privacy (PP)
wlibby@alymca.org

The Auburn-Lewiston YMCA is a character-building organization dedicated to strengthening Christian principles of caring, honesty, respect, and responsibility through programs that build a healthy spirit, mind, and body for everyone regardless of ability to pay. The Auburn-Lewiston YMCA is a 501 (c)3 non-profit, charitable organization.

PENOBSCOT NATION

DEPARTMENT OF
NATURAL RESOURCES

CHARLES LORING JR. DIRECTOR

12 WABANAKI WAY
INDIAN ISLAND, ME 04468
TEL (207) 817-7349
FAX (207) 817-7466

April 12, 2023

Environmental Protection Agency
1200 Pennsylvania Avenue, NW
Washington, DC 20460

RE: Letter of Support for RetreeUs

To whom it may concern,

We are pleased to submit a Letter of Support to the EPA – Environmental Justice Collaborative Program grant on behave of RetreeUs. Their mission of planting fruit tree orchards has a beneficial twofold lasting effect not only on the environment but also addressing health disparity by having access to fresh fruits. RetreeUs was a huge help in starting our fruit tree orchard at the Penobscot Tribal Farm by furnishing and planting trees. I look forward to continuing collaborating with RetreeUs as we expand our orchard.

Our farm is a newly developing farm created to address food insecurity for Penobscot Nation citizens. It is important we are able to supply our citizens with fresh locally grown food. It is equally important that we are conscious of restoring balance through agriculture activities.

Thank you,

Charles Loring
Director of Natural Resources

Wabanaki Public Health & Wellness

Cultivating the Health of Our Communities

4/12/2023

Re: Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

To: ReTreeUS

I, Rebecca Petrie, Co-CEO and AOR for Wabanaki Public Health and Wellness, am pleased to support ReTreeUS' application for **Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program** put forth through the Environmental Protection Agency (EPA), opportunity number **EPA-R-OEJECR-OCS-23-01**.

Wabanaki Public Health and Wellness (WPHW) serves the Wabanaki, the People of the First Light; Mi'kmaq Nation, Houlton Band of Maliseet Indians, Passamaquoddy at Pleasant Point, Passamaquoddy at Indian Township, and Penobscot Nation. WPHW is a tribal organization and the public health authority for tribal citizens and federally recognized Tribes in Maine. Our mission is to provide community-driven, culturally centered public health and social services to all Wabanaki communities and people while honoring Wabanaki cultural knowledge, cultivating innovation, and fostering collaboration. Wabanaki traditions, language, and culture guide our approach and describe the ways we live in harmony with each other and the land we collectively share.

This letter supports the efforts of ReTreeUS in pursuing funding to build capacity and invest in fruitful growing: growing partnerships, growing productivity, and growing orchards and food forests. Wabanaki Public Health and Wellness welcomes the prospect to collaborate in this endeavor and greatly anticipates the opportunity to weave culture and land stewardship, concepts central to the Wabanaki people, into the way in which we create nourishment for our communities.

Receiving a fruit and nut orchard would allow WPHW to continue growing our Community and Land Wellness Division including the Ktanaqson "Abundance" program, food sovereignty and food security systems, as well as increasing fresh, healthy offerings in Community through our Wabanaki Traditional Foods Mobile Food Pantry. Care and maintenance of the fruit and nut orchard would be facilitated by WPHW's food sovereignty coordinators who connect culture, the environment, and traditional foods to generate local, sustainable food access while simultaneously offering opportunities for the transfer of traditional knowledge on topics such as soil health, native plants, and traditional medicines.

In partnership,

Rebecca Petrie, Co-CEO
Wabanaki Public Health and Wellness

16 Central St., Bangor, ME 04401
hello@wabanakiphw.org • www.wabanakiphw.org

ST. MARY'S
REGIONAL MEDICAL CENTER
NUTRITION CENTER
A Member of Covenant Health

March 23, 2023

To the Office of Environmental Justice and External Civil Rights:

The St.Mary's Nutrition Center enthusiastically supports the participation of ReTreeUs in the **Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program.** The Nutrition Center brings people together to collectively imagine and build a just food system and healthy community. Since 1999, we have been growing and connecting as a way to address food insecurity.

Since their establishment, ReTreeUs has been a welcome partner in providing educational opportunities and helping people grow their own food. We have partnered with ReTreeUs in Tree Give-a-ways, that distributed over 100 native trees and bushes out into the community. Our Food Core Members have partnered with ReTreeUs's back to school garden program, giving them already started fall crop plants that kids could be involved in planting and harvesting when they started school in the Fall. ReTreeUs is part of the coordinating team of the Auburn Community Gardens Initiative, where they have supported the establishment of 3 community gardens in Auburn Maine and procured several of the fruiting trees and bushes that community members had expressed interest in seeing at the gardens. ReTreeUs has also played a contributing role in the Good Food Council of Lewiston Auburn with Shelley as a council member.

One of my favorite partnerships with ReTreeUs has been the expansion of Teisha's Orchard. Teisha's orchard is a little green oasis in downtown Lewiston along a bike path. In the Fall of 2020, 100 new fruit trees were planted in collaboration with the City of Lewiston, students from Lewiston High School and students from Next Steps, an alternative high school. I've been impressed with ReTreeUs's commitment towards the success of the orchard as the baby trees are getting established, including collaborating with multiple groups to create a watering system and schedule, securing more funding for fencing to deter deer destruction and hosting workparties with nearby schools and volunteers to engage community members in the process.

The St. Mary's Nutrition center looks forward to continuing to partner with ReTreeUs in bringing people together to care for fruit forests, learn within community greenspaces and access food from orchards and school gardens in the Lewiston Auburn area and we hope that you will support ReTreeUs in increasing their capacity to maintain and strengthen these types of programs and partnerships both established and new.

Please let me know if there's any other information we can provide to support their proposal.

Sincerely,

Bridgette Bartlett
Garden Programs Coordinator
St. Mary's Nutrition Center

208 Bates Street, PO Box 7291 • Lewiston, ME 04243
Ex. 6 - Personal Privacy (PP) • Ex. 6 Personal Privacy (PP)
www.stmarysnutritioncenter.org

Dear Grant Review Committee,



I am writing on behalf of Oxford Hills Community Gardens DBA Alan Day Community Garden to express our support, enthusiasm, and collaborative intent in working with ReTreeUS. Over a decade ago we began developing an orchard at our community garden, where we offer workshops, youth leadership programs, cooking classes, farmers' markets, and food distribution programs. We are currently building a commercial kitchen to provide year-round programming for our local schools and community. We are a well-networked nonprofit that understands that the success of our community depends on collaborative efforts and sharing resources.

Over the past several years ReTreeUS has provided us with workshops, work parties, recommendations, and most importantly with trees to help us expand our orchard. To support the growth of the orchard we recently invested $30K in a perimeter deer fence which will protect our efforts going forward to develop a flourishing, abundant food source and educational tour for our community. With the town of Norway as strong partners in our work, and the support of encouraging neighbors, we are currently making plans to connect ADA accessible walking paths through our orchard to a network of town trails including a natural playground and town rec area. This will greatly increase use of our orchard by the community, and for this reason we are inviting the expertise and resources from RetreeUS to thoughtfully develop and manage the site. I hope you will consider supporting this collaborative effort to provide a community resource that will serve for generations to come.

Thanks so much for your time.
Best,

Rocky Crockett
Executive Director
Ex. 6 Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)

STATE OF MAINE
DEPARTMENT OF AGRICULTURE, CONSERVATION & FORESTRY
OFFICE OF THE COMMISSIONER
22 STATE HOUSE STATION
AUGUSTA, MAINE 04333

JANET T. MILLS
GOVERNOR

AMANDA E. BEAL
COMMISSIONER

14 April 2023

Environmental Protection Agency
USEPA William Jefferson Clinton Building North (WJC North)
1200 Pennsylvania Avenue N.W.
Washington, DC 20004

Re: EPA Grant, ReTree US

To Whom It May Concern:

On behalf of Ending Hunger Corps it is my pleasure to support ReTree US in this grant process.

Ending Hunger Corps was formed to build capacity within organizations throughout the State of Maine as they align with Everyone at the Table: Maine's Roadmap to End Hunger by 2030 and meets the goals of the Biden-Harris Administration's Strategy on Hunger, Nutrition, and Health. The work of ReTree US aligns with both plans. ReTree US, with locations throughout Maine, is a valuable resource to the goal of ending hunger.

By its use of schools and other public areas, ReTree US has a unique ability to alter the course of poverty and end hunger through education to our most vulnerable population: children and their families. ReTree US provides nutrition and agricultural education to young people, enabling them to understand not only the production of healthy food, but the importance of nutritious food for their – and our society's – well-being.

Through partnership with Ending Hunger Corps, ReTree US will be able to place AmeriCorps VISTAs (Volunteers In Service To America) at key locations throughout Maine. These VISTAs will further develop the nutrition education programs offered to children and the communities served by ReTree US while providing these communities with fresh produce through the planting of orchards and gardens. The growth through this EPA grant will allow ReTree US to expand their efforts at seven partner orchards: this means that the current efforts will be seven times more effective at meeting both state and national goals of ending hunger in America.

Thank you for your consideration of funding ReTree US: their work is important for us all.

Sincerely,

Kim L Lengert

Kim L. Lengert
Program Manager, Ending Hunger Corps
Maine Department of Agriculture, Conservation, & Forestry

HARLOW BUILDING
18 ELKINS LANE
AUGUSTA, MAINE

DEPARTMENT OF Agriculture Conservation & Forestry

PHONE: Ex. 6 - Personal Privacy (PP)
FAX: Ex. 6 - Personal Privacy (PP)
WEB: WWW.MAINE.GOV/DACF

7.d Resumes of Project Manager and Key Personnel

Name, Position	Richard Hodges, Project Manager
Education	▪ Coursework in fruit tree science, grafting, planting, pruning, disease prevention and maintenance, University of California, Santa Cruz, 2010-2011 ▪ B.A., Liberal Arts, University of Vermont, 2007
Professional and/or Technical Certifications	▪ Resilience Hub and MOFGA, Certification of Permaculture Design, 2018 ▪ University of Maine Cooperative Extension, Certification as a Master Gardener Volunteer, 2014 ▪ Maine Association of Nonprofits, Sustainable Food Systems Leadership Institute, 2014
Employment History	▪ April 2012 – present, Program Manager ReTreeUS, ME and NH ▪ March 2013 to December 2017, Program Manager and Farm Educator, Wolfe's Neck Center for Agriculture and the Environment, Freeport, ME ▪ September 2011 to March, 2013, Coach and Outing Club Director, Durham Community School, Durham, ME ▪ September 2007 to June 2011, Garden Coordinator and Naturalist, Exploring New Horizons Outdoor School, Loma Mar, CA ▪ June 1999 to August, 2007, Camp Co-Director and Counselor, Squam Lakes Association, Holderness, NH

Qualifications

Mr. Hodges brings over two decades of experience as an outdoor and agricultural educator. As the Founder of ReTreeUS, Mr. Hodges understands the criticality of detailed orchestration of programs with multiple stakeholders, fundraising, communication, orchard and garden design, educational instruction to a wide range of age levels, budget management, and strategic development. After completing his undergraduate education, Mr. Hodges has pursued numerous opportunities to build his knowledge of environmental sustainability, attending programs to include permaculture, master gardening, and sustainable food leadership.

Relevant Experience

ReTreeUS, ME and NH: Mr. Hodges founded and manages a non-profit program that plants educational orchards in schools and supports school gardens. ReTreeUS has planted 74 community and school orchards throughout Maine, New Hampshire, Massachusetts, and Vermont. Richard has managed 60 grants over the last 10 years including a USDA Farm to School Turnkey Grant. Richard manages staff and a volunteer workforce of over 100 orchard and garden caretakers, tree stewards informational newsletters, direct conferencing, and site visits.

Wolfe's Neck Center for Agriculture and the Environment, Freeport, ME: Managed an agricultural immersion program for teenagers and supported the Education Department in a wide array of offerings that provided young people with farm-based learning opportunities. Teen Ag Program – 300K – managed 6-7 staff including, impacting approx. 500 kids.

Exploring New Horizons Outdoor School, LoMar, CA: For an educational program in which students while they completed their immersive outdoor education experience in the redwoods completed their immersive outdoor experience in the redwoods, Mr. Hodges managed an educational garden and conducted lessons in the gardens with roughly 60 students per day (Mon-Fri). Further, he led nature hikes and additional outdoor activities.

Name, Position	Shelley Kruszewski, Project Coordinator
Education	▪ Community Planning and Development, Land Use and the Environment, Muskie School of Public Service, Portland, ME, 2011 ▪ B.A. in English, minors in Spanish and Speech Pathology, Summa Cum Laude, Phi Beta Kappa, University of New Hampshire, Durham, NH, 2004
Honors and Awards	▪ Golden Key International Honors Society member ▪ Uplift LA 40 Under 40 Recipient (Lewiston Auburn Metro Chamber of Commerce) ▪ Recipient of 2020 Androscoggin Land Trust Bonnie Lounsbury Environmental Award
Additional Related Affiliations	▪ Board Member, Good Food Council of Lewiston Auburn ▪ Committee Member, Auburn Community Garden Initiative ▪ Committee Member, Androscoggin Land Trust Events Committee ▪ Volunteer Tour Guide, Monteverde Butterfly Gardens and Punta Mona Permaculture Farm, Costa Rica
Employment History	▪ 2/2020 – present, Program Coordinator, ReTreeUS ▪ I1/2021-2/2022, Interim Coordinator, Good Food Council of Lewiston/Auburn ▪ 8/2016-1/2020, Executive Director, Androscoggin Land Trust, Auburn, ME ▪ 8/2012-8/2016, Associate Dean of Admission and Lacrosse Coach, Waynflete School, Portland, ME ▪ 6/2012-8/2012, Outreach Intern, ReTreeUS ▪ 5/2010- 2/2011, Graduate Assistant, Association of State Wetland Managers ▪ 8/2004-6/2012, Paralegal, Legal Assistant, Finance Administrative Assistant, Law Offices of Joe Bornstein

Qualifications

Ms. Kruszewski has worked across several organizations to address food insecurity and other environmental issues for the last decade. Her current position as ReTreeUS' Program Coordinator has prepared her with hands on experience in tree planting, administration of educational programs, and communications with local communities and schools across Maine.

Relevant Experience:

ReTreeUS: Ms. Kruszewski manages correspondence with educational orchard and school garden host sites and coordinates new projects. Her responsibilities include implementing ReTree US programs, including tree planting workshops with students and community members, and maintaining ongoing communication with Orchard Caretakers.

Androscoggin Land Trust: Ms. Kruszewski managed stewardship activities of over 5,000 acres of conserved land including property maintenance and maintenance of several trails open to the public. Managed process of re-accreditation for the organization by the National Land Trust Alliance, demonstrating that the organization met strict standards. She managed completion/completed annual monitoring visits and reports for each property. Further, she investigated potential new land and managed new land or easement acquisitions. Ms. Kruszewski coordinated 12+ events per year, including the signature ALT River Race (an annual canoe/kayak race that brought 60+ people to celebrate the resilience of what was once one of the most polluted rivers) and a river clean up event. She worked closely with Board members, committee members, volunteers and community partners. She also prepared agendas for all board meetings and committee meetings (5+ committees). In addition, she worked with a large group of

regular volunteer Land Stewards as well as coordinating with volunteers for specific events and trail work/project days (including groups of college and high school students). As the only full-time employee, Ms. Kruszewski was responsible for administrative duties, development, outreach, marketing, and developing community relationships, fundraising, assisting bookkeeper to manage finances, budgeting, and grant writing and grant project management.

Good Food Council of L/A: As the sole staff person for the Council, Ms. Kruszewski was responsible for administrative (email, communications, coordinating monthly meetings (agenda and leading meetings) and committee meetings, orienting new members). Working with Board Members and committee members, she managed development, outreach, finance, grant applications and projects. She also participated on the Coordinating Team for the Local Foods Local Places community food system work project. Ms. Kruszewski worked with a Board of 15+ members and members of 8 committees.

Name, Position	Ex. 6 Personal Privacy (PP) Data Analyst
Education	▪ PhD, Biomedical Informatics, Columbia University, 2020 ▪ B.A., Philosophy, Haverford College, 2013
Additional Skills	▪ Programming: Python, R, PySpark, SQL ▪ Infrastructure: Airflow, Docker, AWS Glue, AWS ECS, AWS Fargate ▪ Business Intelligence: Tableau Desktop, Tableau Online, Metabase ▪ Languages: English (native), Spanish (fluent)
Honors and Awards	▪ Young Investigator Award by the International AIDS Society ▪ Heller Grant for research excellence, Haverford College
Publications and Presentations	▪ Ex. 6 Personal Privacy (PP) et al. "Detecting social and behavioral determinants of health with structured and free-text clinical data." Applied Clinical Informatics 11.01 (2020): 172-181 ▪ Ex. 6 Personal Privacy (PP) et al. "A visual analytics approach for pattern-recognition in patient-generated data." Journal of the American Medical Informatics Association 25.10 (2018): 1366-1374. ▪ **Ex. 6 Personal Privacy (PP)** Using Clinical Notes for Automated HIV Risk Assessment. Journal of AIDS. 77(2):160-166. ▪ Ex. 6 Personal Privacy (PP) Understanding Determinants of Racial and Ethnic Disparities in Viral Load Suppression: A Data Mining Approach. Journal of the International Association of Providers of AIDS Care. Journal of International Providers of AIDS Care. 2017 Jan/Feb;16(1):23-29.
Employment History	2020-present, ReTreeUS, Advisory Committee Member 2019-present, Rightway Healthcare, Director of Data Science 2016-2020, Columbia University, Graduate Researcher 2016, HBI Solutions, Data Scientist 2014-2016, NY State Department of Health, Data Scientist 2012-2013, Hospital of the University of Pennsylvania, Research Associate

Qualifications

Ex. 6 Personal Privacy (PP) is a Highly skilled and results-oriented leader with solid academic preparation and a proven ability to lead high-growth data teams. He brings more than 10 years' experience working with healthcare and environmental datasets. Ex. 6 Personal Privacy (PP) is a talented data scientist who writes code in Python, PySpark, and SQL and is comfortable designing DataOps solutions using AWS and Azure.

Relevant Experience

ReTreeUS, Maine: Ex. 6 Personal Privacy (PP) serves as an advisory committee member, providing direction on digital strategy and marketing. He has also developed several models to measure the outcomes of ReTreeUS initiatives, applying data analytics for calculating carbon sequestration and carbon offsets of orchards, and calculating environmental factors including water retention.

Rightway Healthcare, New York, NY: Ex. 6 Personal Privacy (PP) serves as Director of Data Science for this technology and services company radically simplifying healthcare for clients and members and enhancing care navigation. Ex. 6 Personal Privacy (PP) is responsible for design of the data infrastructure. During his tenure, he implemented machine learning and clinical analytics pipeline using AWS. In his previous position as Director of Analytics, Ex. 6 Personal Privacy (PP) led development of a business intelligence solution and built. Healthcare data warehouse in PostgreSQL. Further, he engineered a custom, automated Tableau environment to produce 2,000 quarterly client reports.

IRS Department of the Treasury
Internal Revenue Service
P.O. Box 2508
Cincinnati OH 45201

In reply refer to: 0752139621
Sep. 28, 2016 LTR 4168C 0
20-4286082 000000 00
00029974
BODC: TE

UNITED CHARITABLE
8201 GREENSBORO DR STE 702
TYSONS VA 22102

016775

Employer ID Number: 20-4286082
Form 990 required: Yes

Dear Taxpayer:

This is in response to your request dated Sep. 19, 2016, regarding your tax-exempt status.

We issued you a determination letter in July 2008, recognizing you as tax-exempt under Internal Revenue Code (IRC) Section 501(c)(3).

Our records also indicate you're not a private foundation as defined under IRC Section 509(a) because you're described in IRC Sections 509(a)(1) and 170(b)(1)(A)(vi).

Donors can deduct contributions they make to you as provided in IRC Section 170. You're also qualified to receive tax deductible bequests, legacies, devises, transfers, or gifts under IRC Sections 2055, 2106, and 2522.

In the heading of this letter, we indicated whether you must file an annual information return. If a return is required, you must file Form 990, 990-EZ, 990-N, or 990-PF by the 15th day of the fifth month after the end of your annual accounting period. IRC Section 6033(j) provides that, if you don't file a required annual information return or notice for three consecutive years, your exempt status will be automatically revoked on the filing due date of the third required return or notice.

For tax forms, instructions, and publications, visit www.irs.gov or call Ex. 6 - Personal Privacy (PP)

If you have questions, call Ex. 6 - Personal Privacy (PP) between 8 a.m. and 5 p.m., local time, Monday through Friday (Alaska and Hawaii follow Pacific Time).

0752139621
Sep. 28, 2016 LTR 4168C 0
20-4286082 000000 00
00029975

UNITED CHARITABLE
8201 GREENSBORO DR STE 702
TYSONS VA 22102

Sincerely yours,

Teri M. Johnson
Operations Manager, AM Ops. 3

ED_016126_00000401-00020

7.e Proof of Non-Profit Status

UNITED CHARITABLE
Guiding you on your charitable journey

Verification Letter

44921 George Washington Blvd, Suite 230, Ashburn, VA 20147
www.unitedcharitable.org

March 31, 2020

ReTreeUS
Richard Hodges, Program Manager
751 Royalsborough Rd
Durham, ME 04222

Re: Verification of Charitable Program Status with United Charitable.

Account #: 102342

To Whom It May Concern:

This letter confirms that ReTreeUS was accepted by our Board of Directors as a charitable program sponsored by United Charitable a 501(c)(3), 509(a)(1) charity (EIN 20-4286082). This program has been sponsored since 02/04/2008.

All donations to this program are tax deductible and can be made payable to ReTreeUS.

We applaud the charitable mission of this program, namely: To promote an environmentally sustainable, socially just food system by providing education, practical resources and mentorship.

All funds raised by the Program Manager are sent to United Charitable and become the exclusive property of United Charitable which, for internal operating purposes, allocates the funds to the project named above. The Program Manager is permitted to make recommendations for disbursements which are reviewed by United Charitable to determine, in its sole discretion, if the proposed disbursement conforms to and advances the tax-exempt mission of United Charitable.

If you should require any further information, please feel free to contact me at Ex. 6 - Personal Privacy (PP)

Sincerely,

Julia Healey

Julia Healey
Chief Executive Officer

Richard Hodges

ReTreeUS Program Manager

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Kurt | Middle Name: A
Last Name: Eilo | Suffix:
Title: Executive Director

Complete Address:

Street1: PO Box 212409
Street2:
City: Anchorage | State: AK: Alaska
Zip / Postal Code: 99521-2409 | Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: keilo@akforum.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Jacquoi | Middle Name:
Last Name: Porter | Suffix:
Title: Finance Director

Complete Address:

Street1: PO Box 212409
Street2:
City: Anchorage | State: AK: Alaska
Zip / Postal Code: 99521 | Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: JPorter@akforum.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: | Middle Name:
Last Name: | Suffix:
Title:

Complete Address:

Street1:
Street2:
City: | State:
Zip / Postal Code: | Country:

Phone Number: | **Fax Number:**
E-mail Address:

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: First Name: Middle Name:

Last Name: Suffix:

Title:

Complete Address:

Street1:

Street2:

City: State:

Zip / Postal Code: Country:

Phone Number: **Fax Number:**

E-mail Address:

EPA Form 5700-54 (Rev 4-02)

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: DEC 05 2006

Employer Identification Number:
80-0025380
DLN:
17053273769036
Contact Person:
DIANE M ECKARD ID# 31394
Contact Telephone Number:
Ex. 6 Personal Privacy (PP)
Public Charity Status:
170(b)(1)(A)(vi)

ALASKA FORUM ON THE ENVIRONMENT INC
4820 LEAH CT
ANCHORAGE, AK 99504-0000

Dear Applicant:

Our letter dated July 2002, stated you would be exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code, and you would be treated as a public charity, rather than as a private foundation, during an advance ruling period.

Based on the information you submitted, you are classified as a public charity under the Code section listed in the heading of this letter. Since your exempt status was not under consideration, you continue to be classified as an organization exempt from Federal income tax under section 501(c)(3) of the Code.

Publication 557, Tax-Exempt Status for Your Organization, provides detailed information about your rights and responsibilities as an exempt organization. You may request a copy by calling the toll-free number for forms, Ex. 6 Personal Privacy (PP) Information is also available on our Internet Web Site at www.irs.gov.

If you have general questions about exempt organizations, please call our toll-free number shown in the heading.

Please keep this letter in your permanent records.

Sincerely yours,

Lois G. Lerner
Director, Exempt Organizations
Rulings and Agreements

Letter 1050 (DO/CG)

ED_016126_00000403-00001

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Addressing Environmental Issues through Collaboration and Education in EJ Impacted Alaska Communities

1234-Narrative Final.pdf
application/pdf
iDI+D0IT7dm1UhIwO3+h1LIKK/U=

1235-EJCPS Budget Final.pdf
application/pdf
yk2JsbJ7pelIUIfsC1K3+05yE9Y=

1236-Budget Narrative and Justification.pdf
application/pdf
43wQx37sEAoP0RLGjRzeChe8swQ=

1237-EJCPS Logic Model.pdf
application/pdf
kBBtX+yr8Y9kXgRX0NvpahU38A0=

Application
New
2023-04-14
AK
Alaska Forum, Inc
80-0025380
MT8MLXVJLHL3
PO Box 212409
Anchorage
AK: Alaska
99521-2409

USA: UNITED STATES

Kurt
A
Eilo

Executive Director
Alaska Forum, Inc
Ex. 6 Personal Privacy (PP)
keilo@akforum.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Addressing Environmental Issues through Collaboration and Education in EJ Impacted Alaska Communities.
AK
AK
2023-11-01
2026-09-30
536620.00
0.00
0.00
0.00
0.00
0.00
536620.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Kurt
A
Eilo

Executive Director
Ex. 6 Personal Privacy (PP)
keilo@akforum.org
Kurt A Eilo
2023-04-14

Kurt
A
Eilo

Executive Director
PO Box 212409
Anchorage
AK: Alaska
99521-2409
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)

keilo@akforum.org

Jacquoi
Porter

Finance Director
PO Box 212409
Anchorage
AK: Alaska
99521
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
JPorter@akforum.org

1238-Budget Narrative and Justification.pdf
application/pdf
43wQx37sEAoP0RLGjRzeChe8swQ=

1239-AFE 2023 Conference Report.pdf
application/pdf
F92AayRbmAMiyoZw21gXsMAnUck=

1240-afe-agenda 2023-v2.pdf
application/pdf
xbncRvXC95D6XBm47UT7C0C/t6s=

1241-Kurt's Resume 13.pdf
application/pdf
c0mHAJRechBpYgFNByTnucBeIO8=

1242-Jacquoi Porter Resume.pdf
application/pdf
r6ScyEUxA7mw2ti/XNhCXUiOIzM=

1243-JBritt_Resume_12-2022.pdf
application/pdf
xzFjVi+odCppmCaczv8rPv6+Ihc=

1244-Amy Penney 2023.pdf
application/pdf
KAqPK2Siru7LhvNlEvKogQ5sk1o=

Alaska Forum, Inc
PO Box 212409
Anchorage
AK: Alaska
99521-2409

Ex. 6 Personal Privacy (PP)

Kurt Eilo
Ex. 6 Personal Privacy (PP)
keilo@akforum.org
Executive Director
Y: Yes
None
None
Eilo
N: No
Y: Yes
N: No
Y: Yes
Kurt A Eilo, Executive Director, PO Box 212409, Anchorage AK 99521 keilo@akforum.org 907 230 9805.
yes
Kurt A Eilo
Executive Director
2023-04-14

1.0
66.306
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523700
12920
Leveraged non federal resources estimated at 2,083,200. Have not included as In-kind but rather as leveraged. This can be adjusted with input from Grant Officer as needed.

QBpvYnPzFCAXIpWJuXE3Zauim54=
2023-04-14T14:50:30.000-04:00
Kurt A Eilo
GRANT13861429

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier: AK

8. APPLICANT INFORMATION:

* a. Legal Name: Alaska Forum, Inc

* b. Employer/Taxpayer Identification Number (EIN/TIN): 80-0025380

* c. UEI: MT8MLXVJLHL3

d. Address:

* Street1: PO Box 212409
Street2:
* City: Anchorage
County/Parish:
* State: AK: Alaska
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 99521-2409

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Kurt
Middle Name: A
* Last Name: Eilo
Suffix:

Title: Executive Director

Organizational Affiliation: Alaska Forum, Inc

* Telephone Number: Ex. 6 Personal Privacy (PP)
Fax Number:

* Email: keilo@akforum.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Addressing Environmental Issues through Collaboration and Education in EJ Impacted Alaska Communities.

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: AK

* b. Program/Project: AK

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023

* b. End Date: 09/30/2026

18. Estimated Funding ($):

* a. Federal	536,620.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	536,620.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix:

* First Name: Kurt

Middle Name: A

* Last Name: Eilo

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 Personal Privacy (PP)

Fax Number:

* Email: keilo@akforum.org

* Signature of Authorized Representative: Kurt A Eilo

* Date Signed: 04/14/2023

Ex. 6 Personal Privacy (PP)

Phone: Ex. 6 - Personal Privacy (PP)
Email: [redacted]@akforum.org

EXPERIENCE:

2003-current **Executive Director, Alaska Forum, Inc.**
Administer operations and manage 501(c)(3) non-profit organization including oversight of employees and contractors, ensuring fiscal compliance, and partnership development. Coordinate and manage the annual Alaska Forum on the Environment, the Alaska Environmental Technician Apprenticeship Program and village-based Solid Waste training initiatives statewide.

Alaska Forum on the Environment (1998-current)
Coordinate premier environmental annual event with as many as 1800 participants and 50 partnering organizations (now in its eighteenth year and the second largest annual event in Alaska). Event strives to provide educational technical training opportunity for all Alaskans inclusive of all perspectives and employment sectors.

Solid Waste Training and Assistance Programs (2003-current)
Supervise and direct up to $300K annual Solid Waste Grants for rural Alaska.

Environmental Technician Apprenticeship Program (2011-current)
Supervise and implement program to establish local workforce of Environmental Technicians through US Department of Labor Apprenticeship Program with $250,000 programmatic budget funded by Alaska Department of Labor and US Environmental Protection Agency grants.

Green Star Program (2014-current)
Supervise and direct up to $200K annual program designed to provided incentives to businesses that achieve environmental standards. Program was adopted as part of merging nonprofit.

1988-2004 **Enforcement Officer, US Environmental Protection Agency**
Promoted compliance through inspection and enforcement of identified Significant Non-complying facilities statewide under various EPA programs and permits including solid waste operations, hazardous waste, toxic substances, air and water quality. Provided oversight of State Solid and Hazardous Waste Program. Initiated educational programs establishing the Training Center (on US Army, Fort Richardson) and the annual Alaska Forum on the Environment. Developed inter-agency partnerships and used innovative efforts and cooperative approaches to achieve statewide environmental objectives.

Interagency Assignment (2000-2002) – Alaska Inter-Tribal Council
Established and managed $1.4 million Integrated Solid Waste Systems Project grant to support Alaska rural communities through tribal governments. Worked with 17 selected communities to improve operational practices.

Interagency Assignment (1999-2000) – Denali Commission
Provided communications and public information support for new federal agency. Provided guidance on environmental program fund development and developed public informational resources and internal network technology.

Interagency Assignment (1995-1997) - Alaska Department of Environmental Conservation
Assisted the Compliance Assistance Office to provide small businesses with compliance incentives, permit assistance and regulatory/technical support.

1986-1988 **Environmental Coordinator, Hercules Incorporated**
Worked to achieve regulatory compliance with operations of facility-owned solid waste landfill and collection services, hazardous waste storage and treatment facilities, industrial wastewater treatment facilities and managed forest and wildlife resources.

EDUCATION:

1981-1985 Bachelor of Science, Wildlife Management, University of Maine

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) Wasilla, AK 99654 | Cell: Ex. 6 - Personal Privacy (PP) | Email: Ex. 6 - Personal Privacy (PP)

Summary

A proficient and dedicated Senior Accountant with 8+ years of progressive experience. Exceptional written and verbal communication skills. Organizes financial information to inform and aid in executive management decision making. Focused on operational efficiency, reducing operational expenses, increasing revenues, and overall financial improvement.

Highlights

- General ledger accounting
- Inventory control
- Deltek Costpoint proficient
- Sage100 proficient
- Concur Expense Management administration experience
- BlackLine account reconciliation experience
- Completed Certified Associate in Project Management (CAPM) Course
- Detailed oriented
- Organized

Education

ALASKA PACIFIC UNIVERSITY | EXPECTED GRADUATION DEC 2019

- Major: Bachelor of Business Administration and Management
- Minor: Accounting

Experience

STAFF ACCOUNTANT | MAT-SU REGIONAL MEDICAL CENTER | FEBRUARY 2019 – PRESENT

- Resolve gaps within supply chain management procedures and provide guidance to hospital materials management department ensuring purchase orders are closed and vendors are paid accurately and timely.
- Responsible for creating and managing operating leases amortization schedules in accordance with the 2019 FASB rules and reconciled monthly amortization, liability, and expense GL entries prepared by corporate operating lease software.
- Responsible for booking revenue and payee contractual deductions on a monthly basis for a surgical clinic.
- Responsible for maintaining and tracking capital expenditures for a surgical clinic.
- Responsible for maintaining fixed asset records and monthly reports.
- Prepare payroll entries and monthly labor accrual.
- Performs GL account reconciliations.
- Prepares monthly journal entries.

ACCOUNTING LEAD | DELTA WESTERN, INC. | JUNE 2018 – JANUARY 2019

- Under the general direction of the Controller, oversees all daily accounting functions.
- Provided guidance and direction to accounting staff.

- Prepares department procedures.
- Reviews, approves, and books daily, weekly, and monthly billing.
- Responsible for maintaining AR collection efforts to maximize cash flow.
- Reviews bank entries and completes bank reconciliations.
- Researching and resolving inventory variance issues.
- Responsible for maintaining and tracking capital expenditures.
- Responsible for maintaining fixed asset records and monthly reports.
- Prepare payroll entries and monthly labor accrual.
- Performs GL account reconciliations.
- Prepares monthly journal entries.

SENIOR ACCOUNANT | NORTHERN OILFIELD SERVICES, INC. | MAY 1, 2016 – JUNE 2018

- Under the general direction of the Controller, oversees all daily accounting functions.
- Provided guidance and direction to accounting coordinators and technicians.
- Responsible for managing new customer onboarding.
- Responsible for managing and maintaining customer fuel tax exemptions.
- Responsible for maintaining AR collection efforts as to maximize cash collections.
- Researching and resolving customer billing issues.
- Reviews and approves all daily, weekly, and monthly billing.
- Responsible for managing new vendor onboarding, as well as year-end filing requirements.
- Codes and inputs all vendor invoices for review and approval.
- Ensures timely payment of vendor invoices.
- Researching and resolving inventory variance issues.
- Responsible for maintaining and tracking capital expenditures.
- Performs GL account reconciliations.
- Reviews bank entries and prepare bank reconciliations.
- Organize and maintains records.

SENIOR ACCOUNTANT | NANA OILFIELD SERVICES, INC. | JULY 2015 – MAY 2016

- Under the general direction of the Controller, oversee all daily accounting functions.
- Provided training to new employees.
- Responsible for producing, reconciling, organizing, and collecting accounts receivable and assisting in customer inquiries.
- Responsible for producing, submitting, and analyzing detailed bi-weekly invoicing from field source documents in accordance with seasonal contracts for exploratory drilling operations.
- Responsible for managing accounts payable.
- Responsible for managing company purchase order records.
- Tracks purchase and transport of all fuel purchases for payment and resale.
- Responsible for coding, tracking, and depreciating company fixed assets.
- Prepares general ledger journal entries and reclassifications as needed.

ACCOUNTANT | NANA OILFIELD SERVICES, INC. | MARCH 2012 – JULY 2015

- Under the general direction of the Controller functions.

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- Responsible for producing, reconciling, organizing, and collecting Accounts Receivable and assisting in customer inquiries.
- Responsible for producing, submitting, and analyzing detailed bi-weekly invoicing from field source documents in accordance with seasonal contracts for exploratory drilling operations.
- Responsible for managing Accounts Payable.
- Assist in monthly GL account reconciliation and closing activities.

PAYROLL CLERK II | QIVLIQ, LLC. | MAY 2010 – MARCH 2012

- Under the general direction of the payroll manager, complete bi-weekly payroll processing for a 400-person organization.
- Complete Deltek to ADP timekeeping information export to update payroll records.
- Assist with preparing department for annual audit.
- Respond to inquiries from employees and outside agency's regarding payroll matters.

REFERENCES

Ex. 6 Personal Privacy (PP)
Former Controller
Delta Western, Inc.
Ex. 6 - Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)
Former Director of Finance
Northern Oilfield Services, Inc.
Ex. 6 - Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)
Highliner Consulting Group, LLC
President/CEO
Ex. 6 - Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)
Chief Operating Officer
Colville, Inc.
Ex. 6 - Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) Anchorage, AK 99507
Ex. 6 - Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)

EDUCATION

Master of Public Health Practice
Concentration: Global Health
University of Alaska Anchorage, Anchorage, AK
GPA: Ex. 6 Personal Privacy (PP) Summa cum laude
Graduation: April 2014
Thesis: Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

Bachelor of Science
Major: Biology / Minor: Chemistry
Missouri Valley College, Marshall, MO
GPA: Ex. 6 Personal Privacy (PP) Summa cum laude
Graduation: May 2008

PROFESSIONAL EXPERIENCE

Alaska Forum, Inc. **Anchorage, AK**
Title: Director of Environmental Programs, Full-Time *November 2022 – present*

- Leads expansion and management of all Alaska Forum environmental programs
- Provider of technical assistance and training to remote waste and utility operators, community environmental personnel, and local, tribal, and state conservation personnel
- Provider of brownfields specific technical assistance, grant writing, and traning to Alaska Tribal entities
- Though a teaming agreement, works closely with the Knik Tribe on all environmental management and pursuits
- Lead in Grant pursuits, including grant writing, budget formation
- Project Manager of the EPA Pollution Prevention Cooperative Agreement and USDA Green Communities Grant
- Performs trainings and presentations on environmental health topics, data analysis and interpretation, and research translation, across Alaska and at national conferences
- Consults on scientific and technical issues that arise through community concerns and as a contributor to the Local Environmental Observer Network and the Tribal Brownfields Forum
- Assists with the Alaska Forum on the Environment, Alaska's largest environmental conference and leads the Youth and Brownfields Track

Alaska Native Tribal Health Consortium (ANTHC) **Anchorage, AK**
Title: Senior Program Manager, Full-Time *October 2015-December 2022*

- Accountable for all aspects of project planning, grant writing, funding, and implementation of federally funded projects totally over $1 million in budgets
- Lead facilitator of the Alaska Native Claims Settlement Act (ANCSA) Contaminated Sites Partnership Group, a large statewide and federal coalition that includes regional and village corporations, federal and state agencies, and tribes, with an aim to identify, assess, and remediate contaminated sites conveyed through ANCSA
- Member of the Statement of Cooperation's (SOC) ANCSA Contaminated Sites Committee, serves as subject matter expert and technical assistance provider to communities and village/regional corporations (land owners)
- Engages federal, state, and tribal agencies in discussion, promotion, and solutions to ANCSA Contaminated Sites

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- Consults on scientific and technical issues that arise through community concerns and as a contributor to the Local Environmental Observer Network and the Tribal Brownfields Forum
- Performs trainings and presentations on environmental health topics, data analysis and interpretation, and research translation, across Alaska and at national conferences
- Provides collaborative technical assistance to Tribal Response Programs throughout Alaska, all Alaska Tribes, village and regional ANCSA corporations, and requesting statewide entities, ensuring customer satisfaction
- Coordinates the Alaska Tribal Conference on Environmental Management Brownfields Track, empowering a platform for tribally focused research, communication, and partnership
- Supervisor to 2 (5 in 2023) employees and 1-2 interns

Alaska Tribal Conference on Environmental Management at ANTHC **Anchorage, AK**
Title: Director/ Lead Project Officer, as part of concurrent Full-Time position *2015 & 2016*

- Leader of the largest four-day Tribal environmental conference in Alaska with up to 550 participants
- Led an increase in number of conference participants from previous years as well as an increase in conference satisfaction
- Budget manager for all conference contracts with an increased net income of $180,000 from 2014 to 2015, moving a once perpetually red budget into the black with sustained revenue in 2016
- Oversight of the ATCEM Planning Committee and entertainment / keynote speaker acquisition
- Emcee responsibilities

Alaska Native Tribal Health Consortium **Anchorage, AK**
Title: Environmental Health Consultant, Full-Time *May 2014- October 2015*

- Tribal Liaison providing environmental health expertise and public health consultations to Tribal Health Organizations, Native-owned Corporations, and rural communities
- Conduction of environmental health surveys in community health clinics, water, and wastewater systems, and landfills, and Head Start early learning programs
- Provide environmental health needs assessments, general public health consultations, and program evaluation for Tribal and external partners
- Provide training and support for junior environmental health professionals to increase state-wide environmental health capacity

The Rede Group Health Strategy and Policy Firm **Portland, OR**
Title: Project Manager, Full-Time *November 2012 – December 2013*

- Consultation to clients through research/evaluation, strategic planning, and communications including but not limited to projects encompassing performance management systems, Public Health accreditation, and technical assistance to state and local health departments
- Project Lead on the State of Alaska Tobacco Prevention grant to assess strategic initiatives of the statewide campaign to decrease adult and youth smoking rates
- Project Lead on the consultation, facilitation, and creation of two Oregon County Community Health Assessments and Community Health Improvement Plans
- Project Lead on an innovative observational study tracking behavior and crime linkages to the rates alcohol consumption in a popular Oregon city, providing research, needs assessment, and data translation to city public health officials
- Lead on project planning with Oregon, Washington, and Alaska clients utilizing various web-based technologies, such as Go-To Meeting and Go-To Webinar on a weekly basis
- Monitoring of program activities to ensure quality and accuracy of work outcomes vis-à-vis contractual and grant commitments
- Supervisor duties to 3 junior employees

Alaska Native Tribal Health Consortium **Anchorage, AK**

ED_016126_00000413-00002

Title: Technical Assistance Coordinator & Training and Orientation Co-Coordinator
Full-Time *October 2010 – October 2012*

- Certified Tobacco Treatment Specialist working on smoking cessation with patients at the Alaska Native Medical Center; educated and supported patients, clients and their families in individual and group settings, including administering correct dosage of nicotine replacement therapy, assessment of patient's health and situations, with continued counseling support via appointments, phone calls and written documentation
- Provision of in-depth technical assistance to eleven statewide grantee programs; inclusive of expertise on national and statewide Tobacco Cessation policies, tobacco-free campus policies, media campaigns, and community outreach
- Navigation of systems change for the ANTHC Tobacco Treatment Program as a part of the Lean Six Sigma Green Belt project to streamline pathways of Electronic Health Record referrals and the adoption of tobacco treatment and prevention IC-9 codes into patient records
- Point of contact on collaboration with State of Alaska Program Grant Manager to ensure that the grantee organization adheres to grant tracking and reporting guidelines
- Assistance in the writing and development of grant and contract applications
- Developer and presenter of curriculum and presentations for workshops and annual Tobacco Treatment Specialist Training
- Assistance in statewide training and orientation meetings for grantees, stakeholders and contractors including but not limited to meeting facilitation, presentations, and organizer of group social activities
- Increased program capacity to move towards electronic health record

University of Alaska Anchorage (UAA), Center for Community Engagement & Learning
Anchorage, AK
Title: Project Coordinator, Full-Time *October 2008 - October 2010*

- Project Lead in charge of UAA's 15+ annual Community Engaged Student Assistants including conduction of weekly meetings, project guidance, reviews, and report creations
- Principle Investigator on the implementation, distribution, and analysis of data collected from UAA's annual Faculty Inventory, which aims to gather basic faculty information, interests, and current projects to build collaboration
- Department Liaison to Directors, Department Chairs, and Faculty within a variety of UAA Departments and Colleges to support the development of courses, community research, projects and activities
- Project Lead on the design, production, and distribution of marketing paraphernalia in collaboration with the UAA Institutional Effectiveness, Engagement & Academic Support

OTHER EXPERIENCE AND ACHIEVEMENTS

- Tribal Waste and Response Steering Committee Member, 2021 - present
- National Environmental Justice Advisory Committee member, 2019- present
- Delta Omega Honor Society in Public Health, Gamma Iota Chapter Alumni Achievement Award and Inducted Lifetime Member, 2019
- Municipality of Anchorage Brownfields Committee Member, 2018- present
- Several applicable trainings in Communicating Risk, Health & Disease Data, program evaluation/management, and conflict management
- Alaska Environmental Health Association Board Member, President, 2018- Present
- Leadership Anchorage Cohort 21 Graduate, Alaska Humanities Forum, May 2018
- Alaska Environmental Health Association Board Member, Treasurer, elected October 2015- 2017
- Steering Committee member for Healthy Alaska Natives Foundation Raven's Ball, 2017- 2020
- First Place Research Poster Award, Alaska Public Health Association, 2015

ED_016126_00000413-00003

- MPH Ambassador Award for representation of the UAA MPH Program at the American Public Health Conference in Denver, CO, 2010
- UAA Community Engaged Scholar, 2007-2010

NOTABLE SKILLS

- 40-Hour HAZWOPER Certified
- State of Alaska Certified Qualified Sampler
- Highly organized, independent, and self-directed
- Positive leader, team member, and skilled in empathetic conflict management
- Excellent oral and written communication, proficient in public speaking and facilitation
- Works well with diverse groups of people and cultures
- A proven results-driven project manager with problem solving and research oriented capabilities
- Data analysis and translation, primarily for public understanding and consumption
- Innovative and creative, seeks out-of-the-box approaches for solutions

Ex. 6 Personal Privacy (PP)

CONTACT

Ex. 6 - Personal Privacy (PP)

Ex. 6 - Personal Privacy (PP)

Anchorage, AK

EDUCATION

COMMUNICATION

Northern Arizona University
2007 - 2011

POLITICAL SCIENCE

Northern Arizona University
2007 – 2011

VOLUNTEER

STORYKNIFE WRITERS RETREAT
Board member
Fundraising Committee Chair
2020 - Present

ABUSED WOMEN'S AID IN CRISIS (AWAIC)
Board member
Development Committee Chair
2017 – 2019

BIG BROTHERS BIG SISTERS OF ALASKA
Fundraising Committee Chair
2014 – 2017

PROFESSIONAL EXPERIENCE

DEPUTY DIRECTOR
Alaska Forum, Inc. | 2019-Present

- Coordinates and arranges logistics for Alaska Forum Environmental Training Certification program applicants to include training for solid waste, wastewater and environmental training.
- Coordinates and manage all logistics and execution of annual week-long conference Alaska Forum on the Environment (AFE), including 1500+ attendees, 50+ exhibitors, 200+ speakers and 100+ technical sessions
- Successfully coordinated and launched Alaska Connect online training and events platform during a pandemic with over 600 virtual registrants in the first year to host online training and events when in-person events were not permitted by local mandates. And extended that to 750 virtual attendees in the second year.
- Coordinates and arranges logistics for Alaska Forum Environmental Training Certification program applicants to include training for solid waste, wastewater and other vital environmental training.
- Develops communication and promotion plan for AFE and other Alaska Forum projects
- Works directly with Executive Director and Board of Directors to communicate the mission and values of the Alaska Forum to a state-wide audience
- Direct contact for all media relations
- Manages all internal and external communications via website, press releases, social media, etc.
- Manages online registration software
- Manages all contracts with training and conference vendors

MARKETING OFFICER/MARKETING MANAGER
MARKETING ASSOCIATE
First National Bank Alaska | 2013-2019

- Worked directly with Marketing Director on overall marketing and communication strategy and execution to include all digital and print media and advertisement and internal and external communications for bank with $4 billion in assets
- Managed internal and external communications for the bank via social media, bank website, press releases, intranet, internal employee email system, etc.
- Managed bank website and social media accounts
- Managed the development and completion marketing and communication collateral including internal and external communication plans, digital media, print advertising, TV and radio advertising, social media content, and website content
- Managed $1+ million annual Marketing and PR budget
- Managed day to day operations and projects of 11-person Marketing Department, ensuring marketing collateral is on brand, meets the banks vision and is delivered on time and within budget
- Direct Marketing and PR contact for Executive and Senior Management team, 28 branches, 20 departments, 20 sections and numerous units
- Managed annual marketing and business development activities including annual 600-person customer reception

PROGRAM COORDINATOR
Big Brothers Big Sisters of Alaska | 2011 – 2013

Alaska Forum, Inc.
PO Box 212409
Anchorage, AK 99521-2409
Fax & Message Line: Ex. 6 - Personal Privacy (PP)

April 14, 2023

US Environmental Protection Agency

RE: Application for *Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program Application*

Dear EPA Proposal Evaluation Team,

Our EJCPS Proposal is built upon a 25-year education and training effort that has sought to benefit the smallest communities and Alaska Native populations of rural Alaska. While this proposal may not feel innovative or particularly creative as you read through it, it does address the limitation of the ability for rural Alaskans to participate in collaborative and environmental education processes, which is a fundamental root of an environmental justice concern. As described in the proposal, rural Alaskans are particularly disadvantaged in the capability to participate in key environmental trainings and forums where vital relationships are established, and problem-solving resources are made readily available. The extensive cost for travel to participate is a key limiting factor where communities face tremendous challenges on environmental issues yet have severe economic limitations often below poverty levels.

The Alaska Forum has forged high quality collaborations with environmental contractors and consultants, State and Federal funding organizations and Alaska Native Councils and Tribal organizations. Each year, the Alaska Forum brings together representatives from all of these groups to share information, technical knowledge, and solutions to address the enormous variety of environmental issues including climate change, waste management, air quality, water quality, disaster, food sustainability and emergency response at our annual environmental education conference, the Alaska Forum on the Environment (AFE). By reviewing our week-long AFE event training agenda from 2023 and our weekly technical sessions held throughout the year (appendices to this proposal, you will gain an understanding of the vital mission the Alaska Forum fulfills, particularly where education, training and local capacity building can be the basis for environmental solutions across the state of Alaska.

The collaborations forged by the Alaska Forum lead to meaningful and positive change, where local and tribal governments take direct action and engagement as a stakeholder in efforts to address environmental concerns.

Thank you for your time and consideration of this proposal. We strongly believe this proposal provides the best opportunity for EPA to create direct impact for EJ impacted communities across state of Alaska, where taking steps to mitigate environmental justice concerns through collaborative approaches is truly a fundamental objective.

Should you have any questions or need additional information, please contact me at Ex. 6 - Personal Privacy (PP) or by email at keilo@akforum.org.

Sincerely,



Kurt A. Eilo, Executive Director
Alaska Forum, Inc.

1.0 PROJECT OBJECTIVES

A. Project Summary Page

1) **Project Title:** Addressing Environmental Issues through Collaboration and Education in EJ Impacted Alaska Communities.

2) **Project Location:** Statewide in Alaska Communities with populations less than 50,000.

3) Applicant Identification:

Alaska Forum, Inc.
PO Box 212409
Anchorage, AK 99521-2409
Ex. 6 - Personal Privacy (PP)
keilo@akforum.org
DUNS#: 124331344 SAM Registration UE ID: MT8MLXVJLHL3

4) Applicant Description: Alaska Forum is an eligible applicant as a 501c3 Non-Profit Organization. For 25 years, the organizations mission has been to promote a healthy environment through communication and education. The Alaska Forum, Inc. works with local governments, federal and state agencies, businesses, and non-profit organizations in a spirit of cooperation to ensure that environmental issues and concerns can be addressed with an understanding of the diversity of perspectives and a fundamental educational background of the available science, technology, knowledge, and Alaskan experiences. The Alaska Forum, our programs, and our projects will not take political or advocacy positions.

5) Small CBO Set Aside: This proposal has been developed for the full available funding. However, we do qualify for the set aside as we have 4 full time employees. This project is scalable to meet the $150,000 set aside upon request by funding agency.

6) **Project Abstract:** This proposal seeks to provide EJ impacted communities with better access to environmental training, education and collaborative partnerships developed through the Alaska Forum's annual conference and weekly virtual training events. A primary limitation for individuals to participate remains the extensive cost to travel from remote communities, therefore further limiting the voice and potential progress that can be made through the extensive training and networking provided by the Alaska Forum and our vast network of partner organizations.

7) **Project Types:** This proposal provides access to training, education, networking and technical information such as successful demonstration projects and solutions, as well as developing collaborative partnerships to EJ impacted communities from rural Alaska.

8) **Special Considerations:** This proposal seeks to provide community driven solutions through education, training and collaborations on environmental issues facing rural Alaska. This includes Climate Change/Disaster Resiliency, as well as core concerns with air quality, water quality, food sustainability, waste management, brownfields, energy conservation and pollution prevention.

9) Environmental Issues: As this proposal can have an EJ impact across Alaska's 300 communities and over 200 tribes, the environmental issues we address through education, technical training and building collaborative approaches affects a tremendous variety including climate change, resiliency, energy, drinking water, wastewater, waste management, air quality, food sustainability, brownfields and fundamental human health and environmental concerns.

10) **List of Project Partners**: The Alaska Forum has a vast list of partners that invest in our training and technical assistance including EPA, Alaska Department of Environmental Conservation, Department of Defense, US Forest Service, US Fish and Wildlife Service, US Park Service and more than 25 additional highly engaged partners from businesses and other federal/state agencies and government entities. Further specific information is provided within the proposal and key appendices.

11) **QAPP**: A QAPP is not anticipated to be required for the scope of this proposal.

B. Environmental and Public Health information of the Underserved Communities

1) Rural Alaska communities experience severe challenges due to remoteness from other communities, disconnection from the road system, lack of appropriate infrastructure and resources to build it, extreme weather conditions, high unemployment, and low income (ADCCED, 2017). According to an Alaska Native Tribal Health Consortium report (2017), the unemployment rate for Alaska Natives statewide in 2015 was 6.5% and the percentage of Alaska Natives living in poverty between 2011 and 2015 was 23.2%. For the nation, the unemployment rate was 5% (USBLS, 2016) and the poverty rate was 13.5% in 2015 (US Census Bureau, 2016). The average median household income for 20 out of the 21 Alaska villages located along the Yukon River (because data weren't available for all 21) is $34,337. This is well below the national median household income at $61,372, the states at $76,114 (US Census Bureau, 2017, 2018), and all Alaska Natives at $45,997 (ANTHC, 2017).



Eighty-six percent of Alaskan communities are located on a river, coast, or both, and away from the road system. Distribution of all communities is uneven among the state's eight regions, with the majority located in western Alaska and most Alaska Native communities located in the north, west, and Interior (ADCCED, 2017). Traveling from one region to another can mean going a long distance given the state's total land area of 586,000 square miles, and that's hardly the biggest obstacle regarding transportation; in addition to the many forests and mountains, Alaska's complex topography also includes a great deal of water with its many lakes, rivers, wetlands, etc. (ADNR and ADFG, n.d.).



Weather conditions can be harsh all year round. The state experiences an average annual precipitation (rain or snowfall) of 1,050,000 gallons/day (ADNR, n.d.) as well as high amounts of wind that can reach hurricane forces (USNWS, n.d.). And severe storms can lead to flooding and soil erosion events (USNWS, n.d.). Another major contributor to increased soil erosion is melted permafrost (USDOI APLIC, 2018). Permafrost (ice that remains frozen all year, for consecutive years) can be found below almost 85% of the state's soil and has a very important role of keeping the ground solid (USDOI APLIC, 2018). However, due to a changing climate, Alaska's permafrost is melting, which has resulted in land with high amounts of moisture that is no longer strong enough stay intact or hold structures aboveground. This has led to the destruction of forests and vegetated habitats, the collapse of roads and buildings, and an increase in susceptibility to soil erosion (USDOI APLIC, 2018).

Because so many rural communities lack the funds and access to materials, proper infrastructure is falling apart or doesn't exist (ADCCED, 2017). Many of these communities, for example, all 21 located along the Yukon River (ADEC, 2018b), have Class III landfills. Such landfills are permitted by the State in villages with less than 1,500 residents, are disconnected from the road system, or unable to access a larger landfill (ADEC, 2018c). However, Class III landfills don't meet EPA's regulatory standards for Municipal Solid Waste facilities, which are in place to protect the environment and public health (Criteria for Municipal Solid Waste Landfills, 2018). Thus, Class III landfills can lead to contamination issues. Many rural communities don't have piped water systems for drinking, sanitation, or toilets. They rely on those nearby water sources (e.g., wells, rivers) for drinking and cleaning. "Honey bucket" - 5-gallon buckets that are used in homes to collect human waste - are often hauled and dumped into a larger container or a sewage lagoon used by the community (ADCCED, 2017). The lack of proper sanitation exacerbates contamination issues, and the result is the outbreak of disease such as pneumonia, meningitis, bronchitis, etc. (Mutter, 2014) and could result in weaker immune

systems, potentially worsening the effects of Covid-19 outbreaks in these rural communities.

While we have considered EPA's EJSCREEN tools to characterize the scope of the project, our proposal addresses such a vast range of communities serving any rural Alaska community with a population of less than 50,000, the mapping tool seems a poor fit. To manage these challenges effectively, these communities facing the highest health and environmental risks require ongoing training and capacity building opportunities for community leaders and environmental personnel. Through education, training, and building collaborative partnerships, providing access to underserved communities through their interested leaders, elders and youth will help mitigate these environmental justice challenges for Alaska rural communities.

2) **Addressing environmental and public health issues**: This proposal seeks to additional access to environmental education and technical training for EJ impacted rural Alaska communities. Through travel scholarships, the Alaska Forum will be better able to provide education, training, collaborative partnership building for communities to prioritize their environmental concerns and build capacity to take steps to address them. As our training and technical education may reach as many as 300 different communities, the specific identification of issues and community vision require a baseline foundational understanding of environmental concerns and potential solutions that may vary greatly as the communities seek and develop a locally driven approach. In addition, case studies of community solutions provide real insight helping build lessons learned and replication of successes. For example, session on successful projects implemented by Tribes receiving IGAP funds has been a vital source of information for any of the other of Alaska's 229 Tribes.

Alaska is the largest state in the nation, covering over 400 million acres, which is more than two times the area of Texas. Meanwhile, the population of the state hovers around only 700,000 residents. The state is made up of 200 communities that vary in population from less than 20 to roughly 300,000. Eighty-five percent of Alaska communities are accessible *only* by boat or plane. Rural communities are made up of a majority Alaska Native people and about 15 percent of the population of Alaska.

It is important to note how unique Alaska is in comparison to any other state in the nation. Like other states, Alaska has levels of government and land ownership: federal, state, municipal, and city. However, the passage of the Alaska Native Claims Settlement Act (ANCSA) in 1971 added an additional and rather complex layer of land ownership across Alaska. ANCSA divided the state into twelve regions defined by the common heritage and shared interests of the indigenous peoples within each geographic area. Though, this separation was made based on commonalities, it is important to distinguish that the Alaska Native people were nomadic and did not traditionally recognize boundaries. The regional boundaries do not represent land owned by the Alaska Native regional corporations; instead, they established which of the twelve Alaska Native regional corporations would serve the people, villages, and communities within that area. Within each region of Alaska there is a complex landscape of governance, land ownership, roles, and relationships. In 1998, the federal government officially recognized over 200 Indian tribes in Alaska, separate from Alaska Native corporations, which opened the doors for a government-to-government relationships between those tribes and the federal government.

Understanding the vast differences between the many cultures of Alaska is instrumental in being able to provide transparent and accurate technical assistance to each community. Thus, to do so, we must hear, learn, and communicate directly from each region and each community in the region to uphold the unique differences that set each apart.

3) **How communities benefit from this project:** Through this proposal, community members will have access to attend the environmental education and technical trainings provided through the Alaska Forum on the Environment with the support of travel scholarship. This will provide opportunity to add more voice to EJ impacted communities and drive capacity to seek and implement local solutions to a communities prioritized environmental concerns. Given that access is

limited to participate in the training provided by the Alaska Forum and our partner organizations due to financial constraints, this project helps mitigate the environmental justice concerns in a community by providing them with a stronger voice and building better capacity through technical information and training. Enable underserved rural Alaska communities with a population of less than 50,000 to better assess and prioritize needed climate change solutions as well as water, energy, and solid waste management process improvements. This will be accomplished by providing scholarships to cover associated travel and lodging costs to attend the Alaska Forum on the Environment in 2024, 2025 and 2026. Scholarships will be awarded consistent with detailed criteria (to be further refined through Activity 1 of this proposal) and will seek community members, elders and youth who otherwise would not have the means to participate.

By incorporating the uncensored participation of community members, youth, and elders, with the support of travel scholarships from this proposal, the Alaska Forum can assist in better establishing commonalities of understanding from those in industry and regulatory agencies who seek to assist indigenous, rural communities, but do not know how. It is well understood in Alaska that in indigenous communities the elders are the gatekeepers of knowledge and traditional ways of knowing. Thus, the Alaska Forum seeks to respect this cherished community group by including Elder and youth led talking circles within each topic track. Most indigenous cultures practice communication through talking circles or a cultural meeting traditionally built around a fire as a place where stories are shared, strategies agreed upon, and emotional connections strengthened. Everyone around the circle has an equal chance to speak. A "talking stick" is circulated in clockwise fashion around the circle to identify the speaker. Oftentimes, the talking stick is an object of cultural significance to the group. The talking circle empowers members to listen from their hearts when a fellow colleague has the talking stick, requiring listening without judgment in the spirit of open-mindedness even if you disagree with the speaker's words. The few elders that have been able to attend AFE have asked for more support so their fellow elders can too, share their knowledge.

C. Organization's Historical Connection to Underserved Communities:

1) History of your organization's involvement with the underserved communities:

For 25 years, the Alaska Forum has worked to promote a more productive and efficient relationship between Alaska government agencies, businesses, organizations, Tribes, and the public by:

- Developing a more common understanding and educational foundation on environmental issues.
- Providing opportunity for the exchange of information and experiences addressing environmental issues.
- Providing recognition for outstanding environmental efforts.
- Understanding the diversity of perspectives and concerns of others across Alaska.

We accomplish this through several different program approaches. The reader of this proposal should note that each of these program approaches become intertwined as we work with underserved communities. While we will outline each of these programs, the primary focus of this proposal is to expand access to the critical information and training provided through the annual weeklong Alaska Forum on the Environment (AFE) and the weekly technical sessions throughout the year. This is a fundamental starting point for communities as they work through their problem-solving processes. Providing additional access to this event will build the capacity and knowledge to access support from our Environmental Job Training program and our Green Star® Community Program which provides community environmental planning technical assistance and recognition for their achievements. These programs as well as the access to the wealth of information and support provided by our partner organizations who have similar missions and responsibilities, all fundamentally start for a disadvantaged community with the education, training and awareness of resources that becomes apparent through the Alaska Forum on the Environment.

2) Organizational work with underserved community residents:

The Alaska Forum works with community residents and local organizations to address environmental and public health issues through a variety of environmental programs described below. The **Alaska Forum on the Environment (AFE)** offers an in-person platform that unites Alaska's vast cultures together for a week of learning, communication, and direct partnership. What the Alaska Forum seeks to incorporate into AFE is the ability to host community members, elders and youth from across the state, to gather in representation of shared values and learn how to move forward through challenges facing the local environments, the lands, and waters Alaska communities live from. The elders and youth of each community are the glue, the link to past and future, and where many of hopes of each community rests.

Alaska Forum on the Environment

The Alaska Forum on the Environment (AFE) is a week-long training includes access to over 60 technical sessions on environmental issues and has been a source of information for 25 years for underserved communities across Alaska. Beginning 2021, we have added weekly virtual session to provide updates and expanded information to build upon information and provide more current up to date changes (such as regulatory changes, policies, or emerging issues and topics). In 2022, we made this event an in-person and virtual event, to better reach participants across the state, although internet access in rural Alaska does not always support virtual attendance options. To gain a full understanding of this event, we request the reader review the AFE 2023 agenda, and the AFE 2023 Final Report which are provided as attachments to this proposal. By expanding access to this event to additional community members, youth and elders, we provide a greater voice and understanding on environmental issues facing rural Alaskan communities. For the purposes of this proposal, providing access to this training for EJ impacted communities leverages the existing investments into the AFE event exceeding over $2 million in 3-year project period.

Green Star® Communities

This Alaska Forum program provides an initial on-site community assessment to identify existing service gaps necessary for sustainable waste and resource management improvements. The assessment is a community-wide review of local utility infrastructure and waste management services and provides information for the community to identify priority needs for improvement and specific action items. General information, training, and technical assistance is delivered onsite during the assessment and covers the following topics: Landfill management and operator training, household hazardous waste (HHW) management and reduction, energy conservation, waste stream evaluation, and water and wastewater management. Information and materials are designed to engage both decision-makers and the community by providing practical, local, and sustainable solutions to many environmental and solid waste issues adjusted to address problems specific to each community's situation. Follow-up and technical support by Green Star staff enable the community to develop a long-term work plan to resolve issues in the village and progress towards earning their Green Star Award.

Environmental Job Training

The Alaska Forum Environmental Training and Apprenticeship Program (ETAP) is a conventional training program and supports industry specific trainings to meet employment qualifications. An apprenticeship is a system of training a new generation of practitioners in a structured competency-based set of skills. ETAP, with support of the FY2023-25 BJT Grant, is providing entry level credentials for employment in the assessment, cleanup, and management of solid and hazardous materials. Individuals can further their qualifications by completing the training and on the job learning experience requirements in the US Department of Labor approved Apprenticeship program. This effort is also support by the State of Alaska. In FY24, we will implement a Community Emergency Response Team (CERT) training course that educates community volunteers about disaster preparedness for the hazards that may impact their area and trains them in basic disaster response skills, such as fire safety, light search and rescue, team organization, and disaster medical operations. CERT offers a consistent, nationwide approach to volunteer training and organization that professional responders can rely on during disaster situations, allowing them to focus on more complex tasks. We also provide specific training designed for Alaska landfill operators though our Alaska Landfill Operator Training course funded by USDA.

With the advent of technology that supports virtual meetings, one may ask why the elders and youth do not simply participate via the virtual route? The answer is simple. In Alaska, lack of consistent broadband connectivity affects a vast majority of the state. Much of the state does not have broadband exceeding 25/3 Mbps. Without reliable broadband across the state of Alaska, many communities are unable to participate in virtual meetings, much less a week-long conference. Further, there are cultural implications of not being able to participate in person, to share from their hearts in person, to merely connect as humans. The virtual component robs the natural indigenous ways of connection that is needed with such delicate topics presented at AFE.

3) Community Driven Participation - How underserved community's residents and/or organizations were involved in developing this current project proposal plan.

At the culmination of our Alaska Forum on the Environment 2023, a survey of participants identified the need to identify funding sources that could help support additional community members with the opportunity to access to the information and collaboration provided by the event. In response to this feedback, the Alaska Forum Board of Directs unanimously passed a motion to seek funding that would help disadvantaged community members interested in the environment with specific opportunities that also include both youth and Native Elders. This proposal directly reflects the input from Alaska communities and our Board representation.

D. EJCPS Model

The EJCPS Model applies well to Alaska communities that are subject to EJ concerns and recognizably underserved. With over 300 communities that may benefit from this proposal (as many as 229 Tribes), the linkage to a particular one of the 7 elements will vary greatly but applies to all the model elements at different levels and different issues. Some communities may still be doing basic community visioning and issues identification, while others are more in-line with element 6 in applying local solutions to their identified priority issues.

EJCPS Model Element 1 – *Issues Identification, Community Vision, and Strategic Planning*
For many who would benefit from access to training provided in this proposal, they will have the opportunity to gain a better understanding of environmental issues facing their community and being their process within this Model.

EJCPS Model Element 2 – *Community Capacity-Building and Leadership Development*
For many who would benefit from access to training provided in this proposal, they will have the opportunity to take their understanding of environmental issues facing their community and become local leaders driving solutions and building community awareness.

EJCPS Model Element 3 – *Community Consensus Building*
Education and awareness will lead to proposed local solutions. For example, a Tribe might enact a resolution that address an issue that was highlighted as education content when a community has key information and leadership that can build consensus.

EJCPS Model Element 4 – *Partnerships and Leveraging Resources*
Almost every environmental solution involves funding. Through the education and examples of success stories provided participants, a community can identify potential funding entities from example best practices learned from their participation.

EJCPS Model Element 5 – *Constructive Engagement*
A community may identify potential funding entities from example best practices learned from their participation that results in actual engagement from funders or service providers.

EJCPS Model Element 6 – *Sound Management and Implementation*

This model element might occur from information and lessons learned provided through the training and technical information learned having been a funded participant from this proposal. However, of the model elements, element 6 is largely a burden upon community leadership. Our role here is more met by lessons-learned and best practices as examples.

EJCPS Model Element 7 – *Lessons Learned and Best Practices*
This proposal would provide access to individuals that would benefit from lessons-learned sessions and best practice examples which are specifically provided as training and technical assistance content. Two examples would be EPA IGAP success stories, and Green Star Community success stories, both of which are provided as event content.

E. Project Linkages

This proposal directly provides financial assistance to communities and individuals that are subject to environmental justice concerns from underserved communities. Impacted individuals and community members will have access to the technical and educational information provided as well as draw potential linkage to other resource providers that can mitigate these EJ concerns. This linkage is straight-forward as the cost of travel to access these tools is severely limited for rural Alaskans including those from Alaska's 229 Tribes. This proposal provides the foundation for local solutions to some of the long list of environmental concerns challenging rural Alaska.

F. Partner and Collaborate

This proposal focuses on providing access to the education and technical information provided with participation in the Alaska Forum on the Environment. This event is the result of over 30 agencies, businesses and organizations working together to provide science-based information on environmental issues and challenges facing Alaskans.

Each year, a committee of these 30 volunteering organizations helps build the content of the event which has included as many as 300 presenters and 100 technical sessions in the week-long event. The commitment of this committee is what has driven our 25 years of successful environmental education events. Within the scope of this proposal, this committee would continue its role in providing this diverse environmental content and engaging a broad range of stakeholders and presenters.

It is a clear demonstration of the effective partnerships that have formed our collaborative process to implement the fundament training needed in underserved communities. The reader is highly encouraged to review the included appendices AFE *2023 Agenda*, the *AFE 2023 Final Report (page 6, 7, 8)* to gain a full understanding of this 25-year story of successful collaboration. The commitment of these stakeholders speaks for itself in their long-term commitment to this annual event. Seeking specific letters of support seemed to be more generic and were not requested based upon the language of the RFA suggesting they would not be evaluated. We think our 25-year history and the depth and diversity of the committed stakeholders serves as an example of true partnerships.

A full list of the stakeholders in the committee, and the engaged organizations and business is provided in the appendices as it is extensive. The following lists should illustrate the annual commitment of these stakeholders to this Alaska Forum on the Environment event:

AFE Event Planning Committee (Primary Role of Developing Technical Content):

- AECOM
- Alaska Department of Environmental Conservation
- Alaska Department of Fish and Game
- Alaska Department of Military and Veteran's Affairs
- Alaska Native Science Commission
- Alaska Native Tribal Health Consortium
- Chugach Electric
- Conoco Phillips Alaska
- Delta Backhaul Company
- Geosyntec Consultants
- JACOBS
- Knik Tribal Council
- Kuna Engineering
- National Oceanic and Atmospheric Administration
- North Pacific Research Board
- Oil Spill Recover Institute
- Prince William Sound Regional Citizens' Advisory Council
- Renewable Energy Alaska Project
- Republic Services
- University of Alaska Anchorage
- University of Alaska Fairbanks - Bristol Bay Campus
- University of Alaska Fairbanks
- US Air Force
- US Defense Logistics Agency
- US Department of Defense
- US Department of the Interior
- US Environmental Protection Agency
- US Forest Service
- US National Park Service

AFE Organizations Providing Education and Technical Training Content (at AFE 2023)**:**

- ADEC Solid Waste Program
- ADF&G Habitat Section
- AECOM
- Alaska Arctic Observatory
- Alaska Association of Village Council Presidents (AVCP)
- Alaska Center for Appropriate Technology
- Alaska Department of Environmental Conservation
- Alaska Department of Fish and Game
- Alaska Department of Natural Resources
- Alaska Dept. of Transportation & Public Facilities
- Alaska Division of Forestry & Fire Protection
- Alaska Earth Sciences
- Alaska Energy Authority
- Alaska Fisheries Development Foundation
- Alaska Geospatial Office
- Alaska Mariculture Alliance
- Alaska Pacific University
- Alaska Sea Grant
- Aleut Community of St. Paul Island
- Alien Species Control, LLC
- Allen University
- ANTHC
- Aquagga
- Arctic Eider Society – Siku
- ASRC Energy
- Brice Engineering
- Bureau of Indian Affairs
- CCLR
- Center for Alaskan Coastal Studies
- Citizens Climate Lobby
- Defenders of Wildlife
- Delta Backhaul Company
- Department of Energy
- Department of Air Force
- Eurofins Scientific
- Geosyntec Consultants
- GeoTek Alaska
- Glosten
- Gulf Alaska Keeper
- HDR, Inc.
- Intrinsyx Environmental
- Jacobs
- Knik Tribe
- KSU Tribal TAB
- Kuna Engineering
- Launch Alaska
- Medical University of South Carolina
- Municipality of Anchorage, Solid Waste Services NANA
- National Environmental Justice Conference, Inc.
- National Marine Fisheries Service
- National Nature Assessment, USGCRP
- National Oceanic and Atmospheric Administration
- National Park Service
- National Renewable Energy Laboratory (NREL)
- Native Village of Unalakleet
- NOAA Fisheries Alaska Region
- NOAA Marine Debris Program
- North Pacific Research Board
- Norton Sound Economic Development Corporation
- NWS Alaska-Pacific River Forecast Center
- Ocean Conservancy
- Ocean Plastics Recovery
- Ounalashka Corporation and Chena Power, LLC Polar Sciences, OSTP
- Prince William Sound Regional Citizens' Advisory Council
- Renewable Energy Alaska Project (REAP)
- Rural Alaska Community Action Program
- Sagebrush Hill Group, LLC
- Stantec
- State of Alaska Department of Military and Veterans Affairs
- Two Bears Environmental Consulting, LLC
- U.S. Fish and Wildlife Service
- University of Alaska Anchorage
- University of Alaska Fairbanks
- University of Texas at El Paso
- University of Washington
- US Air Force
- US Army Corps of Engineers, FUDS Program
- US Coast Guard
- US Department of the Interior
- US DOI
- US EPA
- US Fish and Wildlife Service
- US Forest Service
- US Navy
- Williams College
- Woodwell Climate Research Center
- Yukon River Inter-Tribal Watershed Council

2.0 PROJECT ACTIVITIES/MILESTONE SCHEDULE:

A) Project Activities

OBJECTIVE 1 - DEVELOP TRAINING/AGENDA ENVIRONMENTAL TECHNICAL CONTENT FOR AFE EVENT

- Activity 1: General coordination, marketing, event management, and planning.

This activity is conducted each year by Alaska Forum Staff and our partnering organizations. It takes approximately .25 FTE/year for Senior Staff level work. Given an event the scope and size of AFE, this task is substantial. It is allocated as a **leveraged task** (not requesting funds to support this). However, it is fundamental to accomplish Activities 3, 4, 5, 6 which are the fundamental tasks associated with this proposal.

- Activity 2: Develop annual event content in collaboration with over 30 existing partnering organizations. It takes approximately .25 FTE/year for Senior Staff level work. Partner time averaging 120 hours/year as in-kind organizational contribution based upon estimate hourly rate.

This activity is conducted each year by Alaska Forum Staff and our partnering organizations. Given an event the scope and size of AFE, this task is substantial. It is allocated as a **leveraged task** (not requesting funds to support this). However, it is fundamental to accomplish Activities 3, 4, 5, 6 which are the fundamental tasks associated with this proposal.

OBJECTIVE 2 - PROVIDE APPLICATION PROCESS FOR FINANCIAL SUPPORT VIA SCHOLARSHIPS FOR EJ IMPACTED COMMUNITIES

- **Activity 3: Create online application process and provide clear criteria for selection.**

Alaska Forum Staff will prepare an online process to apply for funding support to attend AFE 2024, 2025, 2026. This will use our existing registration software platform to provide cost efficiency. This process will be supplemented with direct phone contact where online access is limited. The process application will be based upon clear qualification criteria which will include:

1. Alaska residency requirement
2. Community with population <50,000
3. Environmental interest or employment role, youth or Elder
4. Not currently funded for employment by EPA grant.
5. Additional criterion TBD or subject to modification with EPA project officer input.

- **Activity 4: Process scholarships and verify reimbursement requests.**

Alaska Forum Staff will review applications for AFE 2024, 2025, 2026 using established criteria and will maximize the number of scholarships (budget is based upon estimates, however, cost efficiencies from some locations may allow and increase number of participants). 50 or more scholarships will be awarded, and verifications of costs and attendance will be conducted. The scholarships will directly allow full participation in the education and technical training events provided by the Alaska Forum.

OBJECTIVE 3 – GRANT ADMINISTRATION, REPORTING, MEASUREMENT

- **Activity 5: Provide quarterly/mid-year/final reports to EPA.**

Alaska Forum Staff will prepare reports and submit financials according to grant/cooperative agreement terms.

- **Activity 6: Financial management by staff to include invoicing, billing, recordkeeping, expense reports, and any staff training as need to meet requirements.**

Alaska Forum Staff will ensure all financial controls meet grant/cooperative agreement terms and prepare/retain all verification.

B) Milestone Schedule

Project Task	Start	End
Grant Award	November 2023	September 2026
Year 1		
Activity 1: General coordination, marketing, event management, and planning.	Ongoing	Ongoing
Activity 2: Develop annual event content in collaboration with over 30 existing partnering organizations.	September 2023	February 2024
Activity 3: create online application process and provide clear criteria for selection	November 2023	November 2023
Activity 4: process scholarships and verify reimbursement requests	November 2023	January 2024
Activity 5: Provide quarterly/mid-year/final reports to EPA	January 2024, April 2024, July 2024, October 2024	
Activity 6: financial management by staff to include invoicing, billing, recordkeeping, expense reports, staff training	Ongoing	
Year 2		
Activity 1: General coordination, marketing, event management, and planning.	Ongoing	Ongoing
Activity 2: Develop annual event content in collaboration with over 30 existing partnering organizations.	September 2024	February 2025
Activity 3: update online application process and provide clear criteria for selection	October 2024	November 2024
Activity 4: process scholarships and verify reimbursement requests	November 2024	January 2025
Activity 5: Provide quarterly/mid-year/final reports to EPA	January 2025, April 2025, July 2025, October 2025	
Activity 6: financial management by staff to include invoicing, billing, recordkeeping, expense reports, staff training	Ongoing	
Year 3		
Activity 1: General coordination, marketing, event management, and planning.	Ongoing	Ongoing
Activity 2: Develop annual event content in collaboration with over 30 existing partnering organizations.	September 2025	February 2026
Activity 3: update online application process and provide clear criteria for selection	October 2025	November 2025
Activity 4: process scholarships and verify reimbursement requests	November 2025	January 2026
Activity 5: Provide quarterly/mid-year/final reports to EPA	January 2026, April 2026, July 2026	
Activity 6: financial management by staff to include invoicing, billing, recordkeeping, expense reports, staff training	Ongoing	
Final Report and Grant Close Out		September 2026

C) Itemized Budget Sheet & Narrative

Submitted as an Attachment per RFA

3.0 ENVIRONMENTAL RESULTS

A) Logic Model

Submitted as an Attachment per RFA

4.0 PROGRAMMATIC CAPABILITY

A) Organizational Experience

The Alaska Forum, Inc. has successfully managed program deliverables and reporting requirements for all received awards and is in good standing on all past and current projects. The Alaska Forum has successfully hosted 25 annual events, the Alaska Forum on the Environment and has a proven track record on this fundamental component of the proposal. The primary activities associated with managing Activities 3-6 is well within our existing capacity and experience. To accomplish these tasks is primarily an extension of our current capabilities by providing access to additional scholarship funded participants in our education and technical training at AFE. The online software used to create the application has been implemented by our staff for 5 years and they are considered experts in their use of the associated software platform. Scholarship funds will require staff to add a selection process and financial verification which is well within our existing capacity.

B) Staff Experience/Qualifications

Below is a summary of key Alaska Forum staff that will contribute to this proposal:

Kurt Eilo, Executive Director: Mr. Eilo has over 35 years of technical experience in the environmental field. Prior to serving as Executive Director for the Alaska Forum as a 501(c)(3) nonprofit, he worked 15 years for the Environmental Protection Agency (EPA) in hazardous and solid waste compliance and enforcement programs, developing and providing technical and grant oversight for the Alaska Department of Environmental Conservation (ADEC) Hazardous Waste Program, solid waste programs, and serving as project officer on numerous grants. Also while with EPA, Mr. Eilo was provided special assignments to support agency partners including: 1) developing and managing the Alaska Inter-Tribal Council in the management of the Integrated Solid Waste Systems Project, 2) developing and implementing the ADEC Compliance Assistance Program, 3) providing guidance and technical support to the Denali Commission as a newly formed federal agency, and 4) establishing and supporting an inter-agency workgroup between EPA, ADEC, and the Department of Defense Agencies in Alaska. Mr. Eilo has been involved with the RALO program since its inception, as both a Solid Waste Association of North America (SWANA) member and an EPA employee. His involvement includes guiding development of the RALO course and more recently administering USDA solid waste grants. Prior to EPA, he worked as a Compliance Coordinator for a large chemical production facility. *See Appendices for Mr. Eilo's résumé.

Joy Britt, Director of Environmental Programs
Mrs. Britt has 15 years of experience working with Alaska rural communities on environmental programs such as Brownfields, Contaminated Sites, and now Green Star Communities. She joined the Alaska Forum in 2022 to work with and help grow and implement the Green Star® Communities program in Alaska. Britt's main objectives are community outreach and development, general program operations for the Green Star® program, planning, logistics. Prior to joining the Forum, Mrs. Britt worked for the Alaska Native Tribal Health Consortium as their Senior Environmental Program Manager.
*See Appendices for Mrs. Britt's résumé.

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Amy Penney, Deputy Director
Mrs. Penney has more ten years' experience in marketing and communications, and program and project management. She joined the Alaska Forum in 2019 and coordinates all of the Alaska Forums training and events. Penney's main objectives within this project will be the planning and implementation of the Alaska Forum on the Environment event, agenda, and managing the application process for this grant, as well as all other training logistics for the Alaska Forum. Prior to joining the Forum, Mrs. Penney worked for a local community bank managing the banks' marketing, project, and programs.
*See Appendices for Mrs. Penney's résumé.

Jacquoi Porter, Finance Director
Jacquoi Porter has over ten years of experience in accounting, payroll, and finance for Alaskan and Alaskan Native organizations. She joined the Alaska Forum in 2019. Porter's main objectives will be to prepare, monitor, and report on all budgeting and financial aspects of the Green Star Community Program. Porter will support scheduling and planning efforts of the Executive Director and Director of Environmental Program. Prior to joining the Alaska Forum, Mrs. Porter worked for an Alaska Native Corporation supervising the accounting department working closely with department managers in developing and managing budgets and financial assets.
*See Appendix for Mrs. Porter's résumé,

C) Expenditure of Awarded Funds

The Alaska Forum has financial approach, procedures, and controls to ensure funds will be expended properly and in a timely/efficient manner. Our past performance on active and past EPA and USDA funds is provided above and in section 5.0.

5.0 PAST PERFORMANCE

The Alaska Forum, Inc. has successfully managed program deliverables and reporting requirements for all received awards and is in good standing on all past and current projects. The organization has proven financial capacity and has managed an annual budget of $580,000 for the annual conference, Alaska Forum on the Environment, for the past 25 years. It has additional experience managing agreements totaling up to $500,000 in federal grant funds annually. The organization operates under a current annual budget of over $1,000,000. The Alaska Forum has consistently met all past program requirements including project reports, in addition to adhering to all financial reporting guidelines.

Past Federal and State Assistance Agreements – Alaska Forum, Inc. has administered the Environmental Technician Apprenticeship Program through grants from the State of Alaska and U.S. EPA for an operational period of July 2008 to June 2026. The Alaska Forum has received $127,770, $114,969, $111,612, $117,280, $150,122, $163,226, $150,000, $166,090, $174,250, $184,481, $177,268.74, and $195,300 for 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, and 2023. Additionally, the U.S. EPA awarded $200,000 in FY2015, FY2017, FY2019, FY2020, FY2022 and FY2023. Alaska Forum, Inc. has also received funds from U.S. Department of Agriculture, Rural Development Program for Grant Awards annually since 2008. In the last five years, the Alaska Forum has received grant awards totaling $1,133,397 from the U.S. Department of Agriculture.

FY 2004-2020: Alaska Forum has received numerous other small grants, contracts, or commitments under $20,000 each from U.S. EPA, U.S. Fish & Wildlife Service, U.S. Bureau of Land Management, U.S. Forest Service, U.S. Federal Aviation Administration, U.S. Dept. of Agriculture, U.S. Dept. of Energy, U.S. Army, U.S. Navy, and U.S. Air Force.

Current staff capacity in FY24 will be meet our proposed program work plan targets for FY24-26.

6.0 QAPP

This proposal should not require a QAPP. However, if EPA determines a QAPP is required, this is within our capacity to accomplish.

Attachments:

Staff Resumes
AFE 2023 Agenda
AFE 2023 Event Report
Logic Model
Budget and Budget Narrative

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Mike | Middle Name:
Last Name: Pfeffer | Suffix:
Title: Chief Executive Officer

Complete Address:

Street1: 3449 Rezanof Dr E
Street2:
City: Kodiak | State: AK: Alaska
Zip / Postal Code: 99615-6952 | Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: kanagrants@kodiakhealthcare.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Mladen | Middle Name:
Last Name: Begojevic | Suffix:
Title: Contract Comptroller

Complete Address:

Street1: 3449 Rezanof Dr E
Street2:
City: Kodiak | State: AK: Alaska
Zip / Postal Code: 99615-6952 | Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: mladen@clearideaak.com

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Nichole | Middle Name:
Last Name: Pruitt | Suffix:
Title: Vice President of Public Affairs

Complete Address:

Street1: 3449 Rezanof Dr E
Street2:
City: Kodiak | State: AK: Alaska
Zip / Postal Code: 99615-6952 | Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: nichole.pruitt@kodiakhealthcare.org

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** | **First Name:** Tyler | **Middle Name:**

Last Name: Kornelis | **Suffix:**

Title: Economic Development Project Manager

Complete Address:

Street1: 3449 Rezanof Dr E

Street2:

City: Kodiak | **State:** AK: Alaska

Zip / Postal Code: 99615-6952 | **Country:** USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**

E-mail Address:

EPA Form 5700-54 (Rev 4-02)

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Kodiak Area Native Association

Address: 3449 Rezanof Dr E

City: Kodiak

State: AK: Alaska Zip Code: 99615-6952

B. Unique Entity Identifier (UEI): T184LK4YV3J8

C. Applicant/Recipient Point of Contact

Name: Tyler Kornelis

Phone: Ex. 6 Personal Privacy (PP)

Email: tyler.kornelis@kodiakhealthcare.org

Title: Environmental Development Program Manager

II. Is the applicant currently receiving EPA Assistance? ☒ Yes ☐ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

N/A

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

N/A

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

N/A

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

N/A

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

N/A

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

N/A

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Mike Pfeffer	Chief Executive Officer	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier: Alaska

8. APPLICANT INFORMATION:

* a. Legal Name: Kodiak Area Native Association

* b. Employer/Taxpayer Identification Number (EIN/TIN): 92-0038225

* c. UEI: T184LK4YV3J8

d. Address:

* Street1: 3449 Rezanof Dr E
Street2:
* City: Kodiak
County/Parish:
* State: AK: Alaska
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 99615-6952

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Tyler
Middle Name:
* Last Name: Kornelis
Suffix:

Title:

Organizational Affiliation: Kodiak Area Native Association

* Telephone Number: Ex. 6 Personal Privacy (PP)
Fax Number:

* Email: tyler.kornelis@kodiakhealthcare.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Kodiak Tribal Food Security and Economic Stability Initiative

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: AK-01 * b. Program/Project: AK-01

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 * b. End Date: 10/31/2025

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	500,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name: Mike

Middle Name:

* Last Name: Pfeffer

Suffix:

* Title: Chief Executive Officer

* Telephone Number: Ex. 6 Personal Privacy (PP) Fax Number:

* Email: KANAGrants@kodiakhealthcare.org

* Signature of Authorized Representative: Mike Pfeffer * Date Signed: 04/14/2023

7asYvghr26CfOETHxk5oJOO2HBo=

Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Kodiak Tribal Food Security and Economic Stability Initiative

1234-Budget Narrative.pdf
application/pdf
CAg+KEb4goOTYDdYsl8xsrVDfog=

1235-501c3.pdf
application/pdf
NR8IQ0uPmEVrX21Tx5De6LubA6M=

1236-Tyler Kornelis Resume.pdf
application/pdf
82taxL8Q/RiLsc8bVpEtO5+yEQw=

1237-Grace Ellwanger Resume.pdf
application/pdf
St18esSulRGVD29ecO/OR2pP7Vw=

1238-Alutiiq Museum Letter of Commitment.pdf
application/pdf
evvtLDX3DqZ9k+iyywS+SNSavbI=

1239-Fish & Game Letter of Commitment.pdf
application/pdf
VlLgbMG2pOkomjaldDDztdFDx/k=

1240-Kodiak Food Cooperative Letter of Commitment.pdf
application/pdf
5V5VRjwlIb3icdmdTs0UupCestM=

1241-Native Village of Afognak Letter of Commitment.pdf
application/pdf
luqMiChfUEXJcnhW/5gU5p0Mh8k=

1242-Sun'aq Tribe of Kodiak Letter of Commitment.pdf
application/pdf
VqWMYZv2VrptH9P7n0rcV8eLbGc=

1243-Alaska Sea Grant Letter of Commitment.pdf
application/pdf
dcn2bIQ496dMDN4u/Md5pxQfWao=

1244-Logic Model.pdf
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1245-Larsen Bay Letter of Commitment.pdf
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SqY5CgdfQDRfzdfjCOhG5thC5Yo=

1246-KANA LOC.pdf
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1247-Workplan.pdf
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Kodiak Area Native Association
3449 Rezanof Dr E
Kodiak
AK: Alaska
99615-6952

T184LK4YV3J8
Tyler Kornelis
Ex. 6 Personal Privacy (PP)
tyler.kornelis@kodiakhealthcare.org
Environmental Development Program Manager
Y: Yes
N/A
N/A
N/A
N: No
N/A
Y: Yes
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Y: Yes
Y: Yes
Y: Yes
N/A

N/A
Mike Pfeffer
Chief Executive Officer
2023-04-14

Application
New
2023-04-14
Alaska
Kodiak Area Native Association
92-0038225
T184LK4YV3J8
3449 Rezanof Dr E
Kodiak
AK: Alaska
99615-6952
USA: UNITED STATES

Tyler
Kornelis

Kodiak Area Native Association
Ex. 6 Personal Privacy (PP)
tyler.kornelis@kodiakhealthcare.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Kodiak Tribal Food Security and Economic Stability Initiative
AK-01
AK-01
2023-11-01
2025-10-31
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c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Mike
Pfeffer

Chief Executive Officer
9074869800
KANAGrants@kodiakhealthcare.org
Mike Pfeffer
2023-04-14

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Mike
Pfeffer

Chief Executive Officer
3449 Rezanof Dr E
Kodiak
AK: Alaska
99615-6952
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
kanagrants@kodiakhealthcare.org

Mladen
Begojevic

Contract Comptroller
3449 Rezanof Dr E
Kodiak
AK: Alaska
99615-6952
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)

Nichole
Pruitt

Vice President of Public Affairs
3449 Rezanof Dr E
Kodiak
AK: Alaska
99615-6952
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
nichole.pruitt@kodiakhealthcare.org

Tyler
Kornelis

Economic Development Project Manager
3449 Rezanof Dr E
Kodiak
AK: Alaska
99615-6952
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)

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Mike Pfeffer
GRANT13861949

Internal Revenue Service
District Director

Department of the Treasury

MAR 8 - RECD at KANA

Date: MAR 1 1985

EP/EO-II(JD)
Employer Identification Number:
92-0038225
Accounting Period Ending:
September 30
Form 990 Required: [X] Yes [ ] No

Kodiak Area Native Association
402 Center Street
Kodiak, AK 99615

Person to Contact:
Ellen Oliver
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)

Dear Applicant:

Based on information supplied, and assuming your operations will be as stated in your application for recognition of exemption, we have determined you are exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code.

We have further determined that you are not a private foundation within the meaning of section 509(a) of the Code, because you are an organization described in section 509(a)(1) and 170(b)(1)(A)(vi).

If your sources of support, or your purposes, character, or method of operation change, please let us know so we can consider the effect of the change on your exempt status and foundation status. Also, you should inform us of all changes in your name or address.

As of January 1, 1984, you are liable for taxes under the Federal Insurance Contributions Act (social security taxes) on remuneration of $100 or more you pay to each of your employees during a calendar year. You are not liable for the tax imposed under the Federal Unemployment Tax Act (FUTA).

Since you are not a private foundation, you are not subject to the excise taxes under Chapter 42 of the Code. However, you are not automatically exempt from other Federal excise taxes. If you have any questions about excise, employment, or other Federal taxes, please let us know.

Donors may deduct contributions to you as provided in section 170 of the Code. Bequests, legacies, devises, transfers, or gifts to you or for your use are deductible for Federal estate and gift tax purposes if they meet the applicable provisions of sections 2055, 2106, and 2522 of the Code.

The box checked in the heading of this letter shows whether you must file Form 990, Return of Organization Exempt from Income Tax. If Yes is checked, you are required to file Form 990 only if your gross receipts each year are normally more than $25,000. If a return is required, it must be filed by the 15th day of the fifth month after the end of your annual accounting period. The law imposes a penalty of $10 a day, up to a maximum of $5,000, when a return is filed late, unless there is reasonable cause for the delay.

(over)

You are not required to file Federal income tax return unless you are subject to the tax on unrelated business income under section 511 of the Code. If you are subject to this tax, you must file an income tax return on Form 990-T, Exempt Organization Business Income Tax Return. In this letter, we are not determining whether any of your present or proposed activities are unrelated trade or business as defined in section 513 of the Code.

You need an employer identification number even if you have no employees. If an employer identification number was not entered on your application, a number will be assigned to you and you will be advised of it. Please use that number on all returns you file and in all correspondence with the Internal Revenue Service.

Because this letter could help resolve any questions about your exempt status and foundation status, you should keep it in your permanent records.

If you have any questions, please contact the person whose name and telephone number are shown in the heading of this letter.

Sincerely yours,

District Director

The effective date of exempt status under section 501(c)(3) is October 15, 1984, the date your application was received and your operations conform to the requirements of this section. Exemption under section 501(c)(4) remains in effect for periods prior to the effective date of this letter.

DOCNO:0473Z

ED_016126_00000428-00002

Ex. 6 Personal Privacy (PP)
Kodiak, AK 99615
Ex. 6 - Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)

About:

Community minded, capable, and consistent at navigating critical and complex projects and programs, I am a team-oriented leader that takes time to build trusting relationships, share successes, and learn from challenges.

Education:

Bachelor of Arts, Business Administration, University of Washington – Seattle, WA. 2007

Employment History:

2014 – present	*Project Manager- Economic*	Kodiak Area Native Association, Kodiak, AK
2007-2013	*Operations Manager*	Iron Mountain, Everett, WA
2000-2007	*Vice President, Seattle Operations*	TrashBusters Rubbish Company, Seattle, WA
1999	*Operations Manager*	TrashBusters Rubbish Company, Seattle, WA

Qualifications:

Economic Development and Environmental Program Development:

- Experienced at identification, application, budget creation, implementation, management, and report compliance of grant funding across range of agencies: BIA, USDA, DOE, EPA, and NGOs
- Strategic thinker with ability to identify big picture concepts and connect to implementation
- Ability to identify and create strategic partnerships and collaborative relationships
- Manage the Comprehensive Economic Development Strategy (CEDS) for Kodiak Rural Region
- Establish and enhance the Environmental Programs at KANA to build capacity and address pressing environmental issues across the Kodiak region
- Recognized as a Regional Energy champion for village communities in the Kodiak region; service on the Kodiak Electric Association Board of Directors imparts energy industry network enhancement
- Founding Board member for Kodiak Harvest Food Cooperative, establishing community based economic development opportunities for agriculture and seafood producers and improve regional food security

Management & Operations:

- Program Management and Development: manage numerous grant and project budgets ranging from $10,000 to over $1.5M, with varied timelines, stakeholders, deliverables, and complexity; demonstrated ability to enhance programs and services through competitive grant funding
- Project Management: facility upgrades, energy infrastructure projects, facility and fleet vehicle preventive maintenance programs
- Business strategy development, process improvement, productivity management and training
- Front-line leadership, management, and coaching for exempt and non-exempt employees with teams as large as 30 across multiple locations
- Experienced liaison through functional areas of customer service, account management, operations; built collaborative solutions to improve customer service and increase revenue
- Budget development and financial analysis: fiscal evaluation and forecasting for all phases of business; identify areas of and implementation of expense reductions, pricing structure development
- HR Management: Recruitment, development, and retention of frontline staff and administrative personnel. Staff training, mentoring, recognition, progressive counseling, and termination as needed

Leadership:

- Strategic communication skills through multiple mediums and audience sizes
- Team-oriented with a commitment to balance, respect, and equity; have focus on building committed workforce that accomplishes more as teams than as individuals
- Experienced with diverse work environments
- Discreet, organized, self-motivated; natural leadership abilities

Ex. 6 Personal Privacy (PP)

ENVIRONMENTAL STUDIES AND GIS

CONTACT

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

PROFILE

I am currently working for a non-profit organization in the Environmental and Economic Department, assisting a consortium of 10 Tribes in achieving their environmental goals and priorities along with finding opportunities of economic development in many of the rural villages.

My professional work experience has also included grant writing and grant management. Since 2020 I have had helped write ten grants, managing three which have focused on water quality monitoring, climate change, and food security.

Both my personal and professional passions revolve around encouraging a sustainable lifestyle and improving the health and wellness of both people and their environment.

HELPFUL EXPERIENCE

- CAD
- ARCPRO
- TIP OF THE MITT WATERSHED COURSE
- INVASIVE SPECIES CONTROL IN NATIONAL PARKS

WORK EXPERIENCE

Kodiak Area Native Association

Environmental & Economic Development Specialist

November 2020 – Present

Being hired on as an Environmental Technician, I initially gained field experience sampling and monitoring for harmful algal blooms, paralytic shellfish poisoning, and ocean acidification. I can now say I have expanded upon that by coordinating a Tribal sampling network. In addition to water quality monitoring (both marine and freshwater), I am working on a climate adaptation plan for Kodiak Island Tribes and have assisted with the Kodiak Rural Regional Comprehensive Economic Development Strategies document.

Road Commission for Oakland County

Geographic Information Systems Intern

May 2020 – August 2020

Interning for the Planning and Environmental Concerns Department as a GIS Tech, I gained lots of great field experience for both GIS and environmental consulting demonstrating some of the following tasks:

ArcCollector data collection on storm drainage systems

ArcPro digitizing

Creating department maps on environmental concerns

Chemical Inventory and other “Good Housekeeping” measures

EDUCATION

Central Michigan University

2017-2020

I graduated with a B.S. in Environmental Studies, GIS and Cartographic Design. I proudly held a [redacted] GPA and had the honor of making the Dean’s List while enrolled.

Boyne City High School

2013-2017

I graduated with Cum Laude honors, maintaining a [redacted] GPA throughout High School. I was also dual enrolled at North Central Community College, where I completed 22 college credits before graduating in 2017.

Central Michigan University Residence Life

April 2018 – April 2020

Starting as a Front Desk Manager, I managed 20+ employees during the school year which included scheduling, approving timecards, and holding both personal and team meetings in addition to basic customer service and office-based skills. I was then promoted to holding a position as a Resident Assistant where I worked to create a welcoming community with successful students where I proudly ran community events and was able to partake in other organizations, such as Hall Council.

Boyne Mountain Resorts

Adventure Guide

May 2019 – November 2019

At the Boyne Mountain Adventure Center I have been trained in a wide variety of different jobs which include:

Zipline Guide; Segway Guide; Desk Attendant; Chairlift Operator

Dockhand at The Harborage Marina

June 2015 – August 2018

This job required both manual labor and customer service skills on a full-time basis over the summer months performing the following:

Yardwork

Cleaning

Maintenance

Docking boats and filling them with fuel

Cash handling and other office tasks

VOLUNTEERING & EXTRA CURRICULAR

Kodiak Area Native Association Employee Engagement Committee

Kodiak Harvest Co-op Community, Outreach, Resiliency, and Engagement Committee

Central Michigan University Alternative Breaks (Volunteering Organization)

Central Michigan University Service Ambassadors

Resident Hall Assembly

Saxe Herrig Celani Hall Council

American Red Cross

Boyne City Boosters

U.S. Environmental Protection Agency
Attn: Jacob Burney
Office of Environmental Justice and External Civil Rights
1200 Pennsylvania Avenue, NW
Washington, DC 20460

Alutiiq MUSEUM
ARCHAEOLOGICAL REPOSITORY
215 Mission Road, First Floor
Kodiak, AK 99615
(b) (6) Personal Privacy (PP)
alutiiqmuseum.org

March 29, 2023

RE: Letter of Commitment for Kodiak Area Native Association to the FY23 Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program Application

Dear Mr. Burney,

The Alutiiq Museum and Archaeological Repository is submitting this letter of Commitment to support the Kodiak Area Native Association's FY23 Environmental Justice Grant proposal, *Kodiak Tribal Food Security and Economic Stability Initiative.* The Alutiiq Museum is a public non-profit governed by the Alutiiq Heritage Foundation whose board of directors are composed of representatives from eight Alaska Native organizations from the Kodiak Archipelago. We are a cultural center and archaeological repository whose mission is to preserve and share the heritage and living culture of the Alutiiq people. Accredited by the American Alliance of Museums, we develop and share educational and language resources, lead programs, and archive documentation and objects for future generations. Our outreach is primarily focused in the City of Kodiak and the six rural communities in the Kodiak Archipelago, although we also strive to share resources that serve the Alutiiq diaspora and anyone interested in Alutiiq history and culture.

The Alutiiq Museum understands that this proposed project will identify key subsistence resources in the Kodiak region and consider how climate change may impact their availability. We further understand that the study will consider both wild and garden foods, involve community members in sharing their knowledge, and provide opportunities for public education around food harvesting and preparation. This is an important project, one that will help our rural communities consider the long-term accessibility of essential foods. The Alutiiq Museum would be pleased to commit to the following:

The Alutiiq Museum will support research, educational outreach, project promotion, and the preservation of project records. First, members of our staff will assist in locating source materials on subsistence activities in our library and archives. Second, we will work with KANA to develop a traveling educational box on gardening for use in Kodiak classrooms. This box will be modeled after other boxes in our mobile series. Third, we will assist with project promotion. We will share project news and events you provide through our social media sites, monthly email broadcast, and newsletter. Finally, we will create a formal archive of project documents. KANA will provide us with the materials they wish to preserve (e.g., photos, reports, presentations, recordings, transcripts, etc.). We will inventory these materials, accession them to the museum's permanent collection, create a finding aid describing the archive's contents, back up the records on our internal and cloud servers for secure, long- term storage. This will create a collection available to researchers by appointment.

For these services, we respectfully request $10,039 as follows: Personnel (including wages & fringe benefits) = $7,551; Supplies = $1,075; Contracts (a teacher to write a lesson plan) = $500, and 10% overhead

= $913. Please note, this quote is provided at the preferred rate offered to our founding and sustaining Alutiiq organizations.

As an in-kind contribution to the project, we would be pleased to help connect KANA to the museum's existing educational resources (e.g., our mobile museum) and to offer the project a spot in our fall 2024 lecture series. A member of our staff will work with KANA to plan, advertise, and host a project presentation by a KANA staff member. As the Alutiiq Museum's facilities will be undergoing renovations, we will not be able to host the lecture in our gallery. However, we will work with KANA to pick an alternative location, such as the Kodiak Public Library.

We are excited about the opportunities this project offers for community education. Thank you for considering our FY23 Environmental Justice Grant Proposal.

Respectfully,



April G.L. Counceller, Ph.D.
Executive Director

THE STATE of ALASKA
GOVERNOR MIKE DUNLEAVY

Department of Fish and Game

Division of Subsistence
Southern Regional Office

333 Raspberry Road
Anchorage, Alaska 99518-1565
Main: [redacted]
Fax: [redacted]

U.S. Environmental Protection Agency
Attn: Jacob Burney
Office of Environmental Justice and External Civil Rights
1200 Pennsylvania Avenue, NW
Washington, DC 20460

April 6, 2023

RE: Letter of Commitment for Kodiak Area Native Association (KANA) to the FY23 Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program Application

Dear Mr. Burney,

The Division of Subsistence at the Alaska Department of Fish and Game is submitting this letter of Commitment to support its FY23 Environmental Justice Grant proposal, Kodiak Tribal Food Security and Economic Stability Initiative.

The Alaska Department of Fish and Game (ADF&G), Division of Subsistence, recognizes the unique challenges brought on by changes in the climate, and the potential impacts to food resources and Tribal members residing in Kodiak. The division scientifically gathers, quantifies, evaluates, and reports on the customary and traditional uses of Alaska's fish and wildlife resources, including the critical role that locally harvest foods play in regional food security. Understanding how Kodiak's wild and locally grown foods will be impacted by climate change is not only important to food security in the region but the nutritional, cultural, economic and spiritual well-being of Kodiak Tribes. The ADF&G Division of Subsistence supports the need for continued access to subsistence and locally grown foods, and exploration of climate change impacts so Kodiak communities and tribes can ensure reliable and available food sources into the future. This project would enable the division to help communities utilize existing data, and understand trends over time.

The Division of Subsistence is committing to the project through 0.5 months for a Research Analyst IV time to analyze existing data, 0.6 months for a Subsistence Resource Specialist III to interpret data and produce a written summary, and 0.1 months for a Publications Technician II to edit the final product at a total cost of $20,771 ($16,641 staff time and $4,130 indirect costs at a rate of 24.82%). The division will collaborate with KANA to analyze five decades of subsistence harvest and use data from the Kodiak communities of Port Lions, Ouzinkie, Larsen Bay, Karluk, Akhiok, Old Harbor, and Kodiak City. This household-level analysis will study trends in key subsistence species and changes in resource use patters. The division will work closely with KANA staff to produce clear and direct data summaries that can be distributed to Tribal members and other members of the public. These data will help inform future research and regulatory decisions.

Thank you for considering our FY23 Environmental Justice Grant Proposal .

Respectfully,

Jacqueline Keating

Jacqueline Keating
Southcentral Subsistence Resource Specialist III
ADF&G Division of Subsistence
jacqueline.keating@alaska.gov, [redacted]

Native Village of Afognak To embrace, protect, develop, and enhance Alutiiq culture, protect our traditional use areas and encourage unity among the Alutiiq of the Kodiak Archipelago

April 5, 2023

U.S. Environmental Protection Agency

Attn: Jacob Burney

Office of Environmental Justice and External Civil Rights

1200 Pennsylvania Ave, NW

Washington, DC 20460

RE: Letter of Commitment for Kodiak Area Native Association "KANA"

Dear Mr Burney,

Thank you for this opportunity to support KANA in their application for the FY 23 Environmental Justice Grant Proposal-Kodiak Tribal Food Security and Economic Stability Initiative.

NVA is a federally recognized tribe and is governed by a seven-member council. Our council is directed by a constitution and governance policies which direct their decision making for the Tribe. Meetings are held monthly and open to the public.

Since 1998 NVA has successfully facilitated cultural immersion camps for youth on our traditional land on Afognak Island. Although our camp is remote and sometimes difficult to get to from Kodiak, we have found that offering youth the opportunity to learn in the ultimate outdoor classroom has been a very effective way to pass on our traditions.

In the 2023 summer season, we will hold six youth and family camps. Throughout the camps youth and families will participate in activities designed to instill pride in our culture, learn and practice our language, foster a sense of community, build healthy relationships, and provide them with tools to avoid self-destructive behaviors and learn to make positive choices.

Within the last few years like many communities Kodiak has seen a surge in the price of food-but we feel that the real importance is teaching our children how to be self-sufficient; teaching them how to grow their own food; only take what they need; and of course, traditional harvesting practices.

115 Mill Bay Road ✲ Kodiak, AK 99615 ✲ phone Ex. 6 - Personal Privacy (PP) ✲ fax Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)

NVA and KANA have a history of working together successfully at Dig Afognak, Community Forums, and Cultural Events. NVA is committed to partnering with KANA to host at least one plant walk and/or workshop with an Alutiiq Plant Lore Culture Bearer who would share methods of local food growing and harvesting; processing, and preservation methods with youth and camp attendees. Additionally, we will have a staff member attend the food security workshop to participate in the development of a food systems vulnerability assessment and provide further feedback on how food security can be improved in Kodiak and the surrounding villages.

Thank you for considering KANA's application for the FY 23 Environmental Justice Grant.

Sincerely,

Taletha Gertz

Taletha Gertz

IGAP Coordinator

Ex. 6 - Personal Privacy (PP)

taletha@afognak.org

LARSEN BAY
TRIBAL COUNCIL

Ex. 6 - Personal Privacy (PP)
FAX Ex. 6 - Personal Privacy (PP)

PO BOX 50
LARSEN BAY
ALASKA 99624

U.S. Environmental Protection Agency
Attn: Jacob Burney
Office of Environmental Justice and External Civil Rights
1200 Pennsylvania Avenue, NW
Washington, DC 20460

April 13, 2023

RE: Letter of Commitment for Kodiak Area Native Association (KANA) to the FY23 Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program Application

Dear Mr. Burney,

Larsen Bay Tribal Council is submitting this letter of Commitment to support its FY23 Environmental Justice Grant proposal, *Kodiak Tribal Food Security and Economic Stability Initiative.*

Larsen Bay Tribal Council is the recognized Tribal governing body of the Native Village of Larsen Bay a Tribe federally recognized by the United States.

Larsen Bays cultural history is that we believe it is crucial to take care and subsist off the lands we live on. Our elders taught their children to take care of the lands which took care of them. We recognize that there is a gap where our children and their children are losing sight of that belief. Therefore, it is our responsibility as advocates and stewards to our community, to carry out our elders wishes in reclaiming these beliefs to change these ways by education and local practices and collaborating would benefit our community in sharing with other villages knowledge that has been passed down to each other.

The Native Village of Larsen Bay is committed to working with KANA to host at least one plant walk and/or workshop with Alutiiq Plant Lore Culture Bearer, Gayla Pedersen, in the Native Village of Larsen Bay. This educational event will share methods of local food growing/harvesting, processing, and preservation methods with Tribal members and youth. Additionally, we will have a staff member attend the food security workshop to participate in the development of a food systems vulnerability assessment and provide further feedback on how food security can be improved in the Kodiak Archipelago and how climate change is impacting those resources.

Thank you for considering our FY23 Environmental Justice Grant Proposal.

Respectfully,

Teresa Carlson
GAP Project Manager
Larsen Bay

Work Plan

1.0 Program Objectives

a. Project Summary Page

Project Title: Kodiak Tribal Food Security and Economic Stability Initiative
Project Location: Kodiak Island, Alaska–consisting of the City of Kodiak, nearby Chiniak, as well as six predominantly Alaska Native villages: Akhiok, Karluk, Larsen Bay, Old Harbor, Ouzinkie, and Port Lions.
Applicant Information: Kodiak Area Native Association
3449 Rezanof Drive East
Kodiak, Alaska 99615
Ex. 6 - Personal Privacy (PP) | kanagrants@kodiakhealthcare.org

Description of Applicant Organization: The Kodiak Area Native Association (KANA) was formed in 1966 as a 501 (c) (3) nonprofit corporation to provide health and social services to the Alaska Natives on Kodiak Island, with a mission to *elevate the quality of life of the people we serve*. KANA works diligently to serve its people holistically—deploying teams that specialize in various aspects of public health, ranging from environmental monitoring to behavioral health. The Environmental and Economic Development teams are working with Tribal members and communities to adapt to a changing climate as they rely heavily on the land and water for subsistence resources, economic well-being, and human health.

Project Abstract: KANA proposes to support the development of the Kodiak Food Systems Vulnerability Assessment (KFSVA), a vulnerability assessment on both subsistence and locally grown food in Kodiak. Understanding how foods in the region will be impacted by climate change is important to understanding how the health of Alaska Natives, our wildlife, and our traditional homelands will be impacted. We will explore the importance of subsistence and locally grown foods on the island, how they're harvested and processed, how they are utilized for nutrition, their place regarding economic stability, and their cultural and spiritual significance to the holistic wellness of our people. KANA will work with Kodiak Tribes, local experts, and organizations to identify and prioritize vulnerabilities to both subsistence and locally grown foods in the region. We will then use the information gathered to assess which foods are most vulnerable to climate change and which will have the most significant impacts on overall health and well-being in the community, if they are made less available, as a result of the climate crisis.

KANA also proposes to address challenges frequently expressed by Tribes and small municipal governments in the Kodiak region in accessing crucial resources intended to enhance resilience, improve the economy, and replace aging infrastructure, by hiring additional staff to provide technical assistance and support to the ten Tribes and five small municipal governments in the Kodiak Archipelago, and build their capacity to thrive.

KANA will address these concerns using the One Health concept, recognizing the interdependence of human, animal, and environmental health as one singular health system. The Environmental and Economic Development Departments will work together to partner with other internal departments (i.e. Workforce Development, Elder Services, Prevention, etc.), as well as with local agencies to ensure that we are taking an effective, knowledgeable, and multi-pronged approach to addressing environmental justice issues in our region. The enclosed "Letter of Commitment" further delineates the organization-wide approach to this model.

Project Type: Assessment and Training

ED_016126_00000438-00001

Special Considerations: Climate Change/Resiliency and Rural Areas

Environmental Issue: Climate Change and Food Security

List of Project Partners: Sun'aq Tribe of Kodiak (Tribe), Alutiiq Museum (business/industry), Kodiak Harvest Food Cooperative (business/industry),Sea Grant Alaska (academic), Gayla Peterson- Local Expert (business/industry), Alaska Department of Fish and Game- Division of Subsistence (Federal), Native Village of Afognak (Tribe), Kodiak Archipelago Leadership Institute(business/industry), Native Village of Larsen Bay (Tribe).

QAPP: This project will not need a Quality Assurance Project Plan. If funded, KANA and our partners will not be collecting environmental data, only requesting opinions and feedback from community members through the survey, which is more like a questionnaire. Opinions about food consumption and growth capacity will be documented in a final report, and complimented by existing knowledge. As defined by the EPA, *"Environmental data are any measurements or information that describe environmental processes, location, or conditions; ecological or health effects and consequences; or the performance of environmental technology. Environmental data include information collected directly from measurements, produced from models, and compiled from other sources, such as databases or literature."* Because we will be gathering feedback from Tribal members and collaborating with experts on the matter to compile our findings, we do not find the proposed project to require a QAPP. Nevertheless, we are happy to complete one, upon request.

b. Environmental and Public Health Information of the Underserved Community

Kodiak Island is a 100-mile-long strip of land on the south-central coast of Alaska, separated from the Alaska mainland by the roughly 30-mile-wide Shelikof Strait. The island encompasses approximately 3,600 square miles and is home to the City of Kodiak, as well as six predominantly Alaska Native villages: Akhiok, Karluk, Larsen Bay, Old Harbor, Ouzinkie, and Port Lions. The Kodiak Archipelago has been occupied for over 7,500 years and is the traditional land of the Sugpiaq (Alutiiq) people.

Kodiak Island is home to eight communities: the City of Kodiak, and the remote communities of Akhiok, Karluk, Larsen Bay, Old Harbor, Ouzinkie, Port Lions, and Chiniak. Within these eight communities, Kodiak Island is home to ten federally recognized Tribes: the Native Village of Afognak, Sun'aq Tribe of Kodiak, and Tangirnaq Native Village are based within the City of Kodiak. Alutiiq Tribe of Old Harbor, Kaguyak Village, Native Village of Akhiok, Karluk IRA Traditional Tribal Council, Native Village of Larsen Bay, Native Village of Ouzinkie, and Native Village of Port Lions are located in the six remote villages of Kodiak. There are no roads connecting the hub city of Kodiak with the outlying villages, with the exception of Chiniak. Village residents rely on transportation by boat or commercial airlines for travel in and out of their communities.

The Alutiiq, or Sugpiaq people, have inhabited their ancestral homelands for approximately 10,000 years and include four main subsets: Prince William Sound, the lower Kenai Peninsula, the Alaska Peninsula, and the Kodiak Archipelago. Like hundreds of similar Alutiiq settlements along the Gulf of Alaska, the people of the Kodiak Archipelago were skilled mariners who depended on the sea for the necessities of life. Kodiak tribal members and communities continue to rely on the land and water for subsistence resources, economic well-being, and human health and welfare.

The population of the Kodiak Island Borough, according to 2021 estimates from the census bureau, is 12,864, including the outlying villages. The total population of the Kodiak Archipelago villages is 782. Accumulatively, the village populations were 74% Alaskan Native/American Indian, 18% Caucasian, 6% two or more races, 2% Hispanic, and less than 1% of both

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Asian/Pacific Islander and African American. According to EPA's EJSCREEN tool, there are three groups of socioeconomic indicators around the island. The further away from the City of Kodiak the more communities have increased health disparities and are underserved, low income, and critical service gaps increase. For instance, the City of Kodiak and Chiniak are in the 32nd percentile of low-income with an unemployment rate in the 60th percentile, while the region that includes, Larsen Bay, Ahkiok, Karluk, and Old Harbor is in the 89th percentile for low-income and has a 96 percent unemployment rate.

Kodiak Tribes' priorities and concerns they experience from climate change are specific to their geographic area; they need to be addressed to create resilience and plan to adapt to the changing climate. Climate changes that many Alaskans are experiencing firsthand are earlier spring snowmelt, reduced sea ice, widespread glacial retreat, warmer permafrost, drier landscape, and changing ocean chemistry. In the past 60 years, Alaska has warmed twice as fast as the continental United States. Alaska's statewide average annual air temperature has increased by 3°F and average winter temperature by 6°F, with substantial year-to-year and regional variability. Alaska's annual average temperature is projected to rise an additional 2°F to 4°F by 2050. As carbon emissions rise, Alaska will continue to see an atmospheric temperature rise. (Chaplin, F.S. et al., 2014.). How foods in our region are gathered, produced, distributed, and consumed will be directly impacted by the accelerating effects due to climate change.

Alaska Native communities are being disproportionately affected by climate change while making limited contributions to climate change itself. Kodiak Tribes are seeing intense changes to the food system that they have successfully relied on for thousands of years, resulting in impacts to human health (physically, mentally, and spiritually), culture, and livelihoods. Adapting to the effects of climate change is a key priority of Tribes in the region as it is actively affecting all aspects of their health.

Tribes and communities on Kodiak are experiencing a compounding of environmental justice concerns. They are overburdened and disproportionately impacted by environmental and socio-economic stressors. Due to the remote nature of these communities, the lack of infrastructure there may act cumulatively to affect health and the environment. Furthermore, Kodiak Tribes and small municipal governments frequently express frustration with their challenges in accessing crucial resources intended to enhance resilience, improve the economy, and replace aging infrastructure. Issues like lack of capacity, time, experience, and internet connectivity are among the top challenges. According to EPA's EJSCREEN tool, the City and Kodiak have no broadband gaps, however, households outside this zone on the island fall within the 80-95% limited broadband category. Further frustration is expressed when funding is received by a Tribe of municipal government in complying with funding requirements (record keeping, reporting, compliance).

Kodiak Tribes have initiated conversations that highlight these issues and concerns with KANA and local experts in 2018. This project will consider both wild and locally grown foods, involve community members in sharing their knowledge, Indigenous and Traditional Knowledge (ITEK), and provide opportunities for public education around food harvesting and preparation. Understanding how our foods will be impacted by climate change and adapting to the effects and changes is a key priority of all Tribes in the region; as it will help the Kodiak rural community consider the long-term accessibility of essential foods.

This project seeks to address climate adaptation/resilience in rural communities along the Kodiak Archipelago. Through the creation of the KFSVA using the One Health concept, we will aim to better understand the connections between our foods, changing climate, local environmental

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impacts, and related health effects. There will be a holistic approach throughout the planning process to integrate cultural values and capture key insights through the inclusion of traditional knowledge, review unified data for the Kodiak region, and assess vulnerable food resources. Underserved communities along the Kodiak Archipelago will benefit from these results by having increased centralized knowledge about vulnerable foods and adaptation strategies to increase food resilience. Furthermore, Tribes and communities can then use this tool to leverage additional funding or resources and increased support and knowledge on how to apply for funding to support projects that will continue to increase their climate resilience. If funded, the creation of the Kodiak Regional Capacity Development Coordinator, KANA will have the capacity to support these future applications.

Lastly, it's essential to note the existing health disparities afflicting our Alaska Native communities. Current health crises include type 2 diabetes, hypertension, and obesity, all of which can be resolved, in part, by a healthier environment and more reliable healthy food systems. The percentage of Alaskan Native/American Indian (AN/AI) adults diagnosed with diabetes was higher than for people of other races/ethnicities, with additional data from the Department of Health and Human Services noting that "American Indian/Alaska Native adolescents are 30 percent more likely than non-Hispanic white adolescents to be obese. American Indian or Alaska Native adults are 50 percent more likely to be obese than non-Hispanic whites."[1] Similarly, the Indian Health Service notes that "The American Indian and Alaska Native people have long experienced lower health status when compared with other Americans. Lower life expectancy and the disproportionate disease burden…are the broad quality of life issues rooted in economic adversity and poor social conditions."[2]

Local data from the Kodiak region points to these broader trends among AN/AI populations. For example, an assessment of students in grades K-7 and 9 in the 2017-2018 academic year found that 19.2% of students were overweight, 21.4% were obese, and 8% were severely obese[3]. This report also found that "At least 18% of students were obese in all grades sampled…the percentage of students either overweight or obese was highest amongst 4th-grade students, as was the prevalence of obesity alone." Broken down by race/ethnicity, it was found that 53.3% of AN/AI students were overweight or obese, compared to only 31% of White students, and obesity rates were much higher among students identified as low socioeconomic status than their counterparts (25.1% vs. 16.0%).

In addition, Kodiak's adult population is also in a precarious situation. The 2019 Providence Community Health Needs Assessment found that 65% of respondents were overweight or obese based on BMI calculations, with 39% reporting they engaged in less than 3 days of physical activity in a given week.[4] Trendline data provided in this assessment also noted that obesity rates in Kodiak have increased from 27% to 33% since 2010, outpacing both the State of Alaska average and the national average. As we believe that healthy people live in healthy communities, we are requesting your support in combating these disparities through the One Health model.

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[1] https://minorityhealth.hhs.gov/omh/browse.aspx?lvl=4&lvlid=40

[2] https://www.ihs.gov/newsroom/factsheets/disparities/

[3] https://health.alaska.gov/dph/Chronic/Documents/Obesity/school-partnerships/2017-18WeightStatus_KIBSD.pdf

[4] https://www.providence.org/-/media/project/psjh/providence/socal/files/about/community-benefit/pdfs/2019-pkimc-chna.pdf

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c. Organization's Historical Connection to Underserved Community & Community-Driven Participation

The Economic Development department at KANA created the foundation for work in the environmental field with the vision that "*Healthy people live in healthy communities*". In 2018, KANA received EPA Indian General Assistance Program funds to establish an Environmental Department and Regional Environmental Consortium to increase local administrative, programmatic, and communications capabilities, and to build the tribal environmental programs' communications, solid waste management, water quality monitoring, and subsistence protection programs. Our regional consortium is made up of all ten federally-recognized tribes in the Kodiak Archipelago.

When the consortia formed, these village communities and tribes were independently working on a wide variety of environmental protection activities, including solid and hazardous waste management, environmental observations TEK, water temperature monitoring, and education and outreach. Through the consortium, we have been able to identify overlapping or common priorities of all the tribes. This allows KANA to identify and prioritize our focus areas, and serve our Tribes, effectively. For the last four years, KANA, in collaboration with consortium tribes, has been actively working on some of our region's top environmental priorities identified by the tribes, including ocean chemistry monitoring (dissolved inorganic compounds or ocean acidification), harmful algal blooms monitoring, and solid and hazardous waste management, as these were identified as environmental priorities.

In this short four-year period, KANA has been able to increase program capacity by bringing in additional grant funds and building partnerships. Our environmental department is currently funded and supported by the EPA Indian Environmental General Assistance Program (IGAP), EPA Hazardous Waste Management, Bureau of Indian Affairs Tribal Resilience Funding, and The Office of Lisa Murkowski. In addition to our funders, we have a large network of collaborators and partners with whom we work.

In 2017 KANA received funding to evaluate Kodiak's food sovereignty and make recommendations to increase it. KANA contracted with consultant Rachel Miller. The findings were that food is expensive, it's not impossible to increase growth and food production, animal and animal byproduct production is happening, and shipping rates to rural communities are really expensive and must become more economical or less necessary.

In October 2019, a resilience workshop co-facilitated by Alaska Sea Grant and KANA; Adapt Kodiak, brought together Kodiak Tribal members, residents, local governments, and business representatives to discuss climate-influenced challenges Kodiak Island is facing and may face. There were four areas of focus identified for the workshop: Fisheries Futures; Food Security and Subsistence; Infrastructure and Energy; and Cultural and Wellness. The event aimed to begin a conversation about climate change and resiliency in the region and identified vulnerabilities. Federal and state agencies, private industries, and Tribal members were present and participated in the two-day workshop. Information and data collected can be found on adaptalaska.org.

Because Adapt Kodiak was so well-received, in 2020, KANA, consortium tribes were awarded BIA TRCP funds to help organize and fund the next step of Adapt Kodiak—the Adapt Kodiak: Tribal Climate Adaptation workshop. This climate adaptation workshop is scheduled to take place in the fall of 2022 and will be tribal-focused, assisting tribes with climate risk assessment and planning for the future. The overall product of the two-day workshop will be developing a Kodiak Tribal Climate Adaptation Plan specific to tribes and their communities. This document will include climate hazards for Kodiak Tribes, assess vulnerabilities of key concerns

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identified by tribal members, outline climate change data sets and monitoring efforts, and review ways to reduce climate-related risks. KANA will develop a Kodiak Tribal Climate Adaptation Template, which is a version of the Plan that Tribes can easily adjust to meet their unique needs.

Since food security is a shared concern of the region, there has been a local movement among individuals and entities on the island around securing locally grown foods, harvesting programs, and new ideas on how to cut out the large dependence on off-island sourced foods. However, those conducting this work have identified gaps that we have identified in this proposal. In addition, not a lot of work has been done focusing on the assessment of just how vulnerable our local food sources are to the effects of climate change as well as outlining adaptation strategies so we can increase our resiliency.

If funded, this project would be the next step in our efforts of climate adaptation planning through tribal and community-driven participation. The overwhelming feedback from the climate adaptation planning process has pointed to the direction of food security and limited resources to apply for and maintain funding to support infrastructure, climate resilience, and general environmental work along the Archipelago. The proposed workshop and steering committee would bring together local businesses, industry, local governments, Tribes academia, and medical service providers to develop solutions to food security and economic stability that one entity cannot tackle on its own.

This project is centered around decision action. It will be tribally focused and lead with input from local, state, and federal stakeholders to create a holistic approach to human, animal, and environmental health.

d. EJCPS Model

The project supports EPA Strategic Plan Goal 2, objective 2.1 to Promote Environmental Justice and Civil Rights at the Federal, Tribal, State, and Local Levels because food security and response capacity are environmental justice issues. Lack of adequate and healthy food not only has health impacts but cultural, wellness, economic, and environmental justice impacts along the Kodiak Archipelago. The lack of capacity to apply for, manage, and receive funding to support rural communities is also an environmental justice and civil rights issue this project seeks to address.

e. Project Linkages

This project supports the aforementioned as it's centralized around seeking feedback and comment from the public. The information gained will provide capacity-building resources (through the KFSVA and Kodiak Regional Capacity Development Coordinator) to address environmental justice concerns in the region and support Tribes' and communities' ability to meaningfully engage and provide feedback. communities along the Kodiak Archipelago are disproportionately impacted by climate change, food security, and capacity support. This project seeks to address these disproportionate impacts.

f. Partner Collaboration

Since the development of KANA's Environmental and Economic Development Departments, we have created a large network of partners and stakeholders. Including but not limited to: Alaska Sea Grant, Sitka Tribe of Alaska, Southeast Alaska Tribal Ocean Research (SEATOR), NOAA- Kodiak, NOAA Beaufort, Adapt Alaska, USDA, Local Environmental Observer (LEO) Network, Haikai Institute, Alaska Harmful Algal Bloom Network Steering Committee Member, and AOOS network member. The diversity of our letters of commitment and project partners speaks to the diversity of input and support we already have for this project. We will not limit or exclude other partnerships, especially local tribes or indigenous individuals or

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entities that want to be involved in any capacity. We have worked diligently to fairly solicit the best partners and experts for work under this grant.

If funded, we will work to strengthen leadership within the region for addressing climate challenges as a priority. We will be able to create a space for tribal members to not only discuss climate adaptation planning but a space for storytelling, healing, and sharing. Because the documentation and process are Tribal led, members will gain leadership skills through increased knowledge, awareness, and critical thinking about climate change impacts. Tribal members will use technical assistance (TA) and skills to motivate others. Tribal members to work on climate change issues, which will lead to increased community planning skills.

These grant funds will also go towards supporting a training/learning opportunity and help strengthen tribal relationships between KANA's environmental staff and tribal members. These funds will support a large Kodiak Tribal Food Security and Economic Stability Workshop in Kodiak in the Fall of year one. We have funding to bring in Tribal and project partners to Kodiak for a two-day workshop.

On day one of the workshop, Alaska Sea Grant's Davin Holen will guide the discussion and provide expertise in talks with local Tribes. This facet of the workshop will focus on the KFSVA, gaining insight and knowledge from stakeholders. KANA staff will attend, take notes, and document discussion topics to put them into the KFSVA document that will be disturbed at the end of the project. Day two of the workshop, however, will consist of a grants symposium that will advance Tribes' understandings of how to pursue and execute supportive, culturally-conscious funding opportunities. This piece of workshop will likely be led by the KANA Grants Department.

Funding will also support our staff to travel out to each community once per year to gain knowledge and strengthen relationships, attend the bi-annual One Health Training in Fairbanks in year two, or train in the state of Alaska where she can learn more and share from their experiences. This will also fund the environmental team to get to all six of the villages located on Kodiak to hold community meetings, bolster relationships, gather information on resource use, TK and food system knowledge, conduct in-person surveys, and do community outreach and education.

Recently there have been many organizations working to increase access and production of locally grown foods on the Island. One of the efforts is the Kodiak Harvest Food Co-op, a grassroots startup with the mission to "provide Kodiak communities with quality food choices that are locally sourced, economically sustainable, and environmentally responsible while promoting education and engagement." (Kodiak Harvest Food Co-Op, 2022). There is also a large effort to support the village and tribal farms around Kodiak. Since 2014, there has been a push to provide education and technical assistance, farm development (hoop house, hydroponic, and mariculture), and building business plans specific to their demographics, location, resources, and needs.

Even though there is a lot of work being done on the island around food security, how the climate has and will impact these foods has not been addressed. There has not been a regional or collaborative effort to look at both subsistence and locally grown foods. Since we started this adaptation plan, most of the comments from Tribal members and the steering committee have been food security-related. Knowing this is a topic of major importance and concern to our region and its people, we propose to take on this topic of concern by conducting a KFSVA. The effort to fill this data gap could not be accomplished without the support and partnership from Tribes, entities, and individuals working on this, which is why we have proposed a grant that incorporates many of the entities currently working on this topic.

The work proposed will be a collaborative effort with our committed partners:

Funder Partners:

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- The Alutiiq Museum will support research, education outreach and project promotion and the preservation of the project records. Museum staff will assist in sourcing materials on subsistence activities, develop a traveling education box on gardening for use in Kodiak classrooms and share project news and events through their social media and marketing channels. They will also create a formal archive of the project documents to preserve project findings and documentation. The Alutiiq Museum will support research, educational outreach, project promotion, and the preservation of project records. They will work closely with KANA and teachers from the Kodiak Island Borough School district to create a traveling educational box on climate adaptation, growing, and harvesting for classrooms of all ages. Their cost for work under this project will be $10,591.
- Local Expert, Gayla Pederson, will collaborate and assist KANA with providing and gathering local Traditional Ecological knowledge based on my experience and interviews with others. She will also assist with creating educational content about harvesting and processing subsistence foods from Kodiak. Her expertise and work will cost $14,440.
- Alaska Department of Fish and Game (ADFG), Division of Subsistence, will conduct a Subsistence Survey to quantify the use of subsistence foods on the island. The data is used to inform education and policy. However, no longitudinal assessments of the data have been done. If funded, in Year 2, the Alaska Department of Fish and Game, Division of Subsistence, will analyze five decades of existing subsistence harvest and use data from the Kodiak communities and Kodiak City, helping us translate important and notable trends. Following similar work conducted on communities in Prince William Sound (http://www.adfg.alaska.gov/techpap/TP471.pdf), this household-level analysis will focus on trends in key subsistence species, and changes in resource use patterns. The Division will produce tables, figures, and interpretive text from these analyses, The Division will work closely with KANA staff to produce clear and digestible data summaries that can be distributed to tribal members and other members of the public. These data will help inform future research and regulatory decisions. Work conducted here will cost $20,771.
- Kodiak Archipelago Leadership Institute is a community-based, non-profit organization, based in Kodiak, Alaska. Their mission is to support the long-term sustainability of our region's coastal communities, and their Alutiiq heritage. This expert resource will support survey and outreach efforts throughout the project, which will cost $8,500.

Unfunded Partners:

- Alaska Sea Grant will provide in-kind support through staff time (Davin Holen, Associate Professor and Coastal Community Resilience Specialist) and travel funding to facilitate the food system vulnerability assessment workshop in Kodiak in year one of the proposed project. Alaska Sea Grant will guide the discussion, provide expertise, and assist with outreach throughout the project period.
- Kodiak Food Cooperative will participate in the workshops and events that are components of the proposed project and identify important subsistence resources and locally grown foods. The co-op will also work with KANA and Kodiak Tribes to host educational events in our space on local food growing, processing, and preservation methods. Their participation in the Food System Vulnerability assessment
- Native Village of Afognak is committed to partnering with KANA to host at least one plant walk and/or workshop with our Local Expert who will share methods of local food growing and harvesting; processing, and preservation methods with youth and camp attendees. They will also have one staff member attend the workshop to participate in the development of

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the food system vulnerability assessment and provide further feedback on how food security can be improved in Kodiak and the communities.

- Native Village of Larsen Bay is committed to partnering with KANA to host at least one plant walk and/or workshop with our Local Expert who will share methods of local food growing and harvesting; processing, and preservation methods with youth and camp attendees. They will also have one staff member attend the workshop to participate in the development of the food system vulnerability assessment and provide further feedback on how food security can be improved in Kodiak and the communities.
- Sun'aq Tribe of Kodiak. In 2019 Sun'aq Tribe of Kodiak completed the Kodiak Tribes Seafood Consumption Assessment to assess how much seafood the Alutiiq/Sugpiaq people of the Kodiak Archipelago eat. Sun'aq Tribe of Kodiak will collaborate with KANA and ADFG to access and review the Seafood Consumption Assessment survey they sent out and help KANA develop more specific surveys to better understand residences, food courses, and key species of interest of concern. They will also work with KANA to host at least one educational and/or outreach event on food security and subsistence harvesting.
- The Environmental and Economic Development Departments will work together to partner with other departments within KANA (i.e. Workforce Development, Elder Services, Prevention, Behavioral Health, etc.), as well as with local agencies (i.e. Kodiak Harvest, Alaska Department of Fish and Game, Koniag) to ensure that we are taking an effective, knowledgeable, and multi-pronged approach.

2.0 Project Activities & Milestones

Objectives	Activities	Milestone Schedule
(1) One Health Umbrella Initiative	**Use the concept as an umbrella to join environmental, animal, and human health into a holistic view of food security and economic stability for the region.**	**Share concepts and continue to make connections** **Use EJSCREEN tool and LEO network to strengthen the connection between** **Months 1-24**
(2) Tribal Focus Group- guides the initiative	1. Creation of the steering committee	Coordinate with project partners and select steering committee members. Months 1-3 Meet regularly to ensure the project is driven by tribal voices and guide the project. Months 1-24
(3) Locally Grown and Subsistence Harvested Foods Vulnerability Assessment	1. Assess Climate Change impacts on foods 2. Traditional knowledge integration 3. Local grower and harvester engagement	Gather feedback and create a food survey for locally-grown foods Gather Local, State, and Traditional Climate Change/Adaptation Data Gather Local, State, and Traditional Food Systems Data

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		Assess existing subsistence survey from ADF&G for missing data and information; Months 1-3 Work with project partners to create and distribute the survey Months 4-9
(4) Increased Partnerships and Communication	1. KANA Internal Program Engagement 2. Outreach and Communication	Host the workshop for food security and economic stability in the City of Kodiak and stream virtually. Month 10 KANA staff receive training (travel) and travel out to villages with local experts. Months 1-24 KANA staff meet with internal staff to learn about the program and better integrate environmental, and economic goals into other programs Coordinate with the Alutiiq Museum for their traveling toolbox and resources. Months 4-10 KANA staff and Local Expert host local workshops & travel out to the villages to conduct workshops with the education boxes (to camps or schools as requested); Months 10-12
(5) Tribal Community Needs Assessment and Kodiak Regional Capacity Development Coordinator	1. Improve economic opportunity and stability in the region 2. Conduct a needs assessment to better serve Tribes and Communities	Hire Kodiak Regional Capacity Development Coordinator Months 1-6 Written needs assessment, conversations with Tribal members, and travel in year 1 to gather feedback on needs Months 1-12 Combine information into one document Month 23

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		Focus day two of the workshop on grant writing training and capacity building. Month 10

Outcomes:

- Host a tribal-focused workshop to provide an opportunity to further discuss and assess locally grown and substance-harvested vulnerabilities and develop adaptation goals and actions to reduce vulnerability, and increase resilience. Focus day two of the workshop on a grants symposium that will advance Tribes' understandings of how to pursue and execute supportive, culturally-conscious funding opportunities.
- Increased data development and sharing through participant and community observations on the EJSCREEN tool and LEO network.
- Partner with local, state, and regional entities who have been working on food security to collaborate on projects.
- Connect adaptation activities between the different communities to increase opportunities for share resources, potential area-wide or multi-community growing/monitoring, and mitigation and adaptation activities that benefit more than one community
- Co-host workshops and events steered by Alutiiq traditional knowledge, to highlight TK and substance knowledge.
- Compile a Tribal Community Needs Assessment to better serve Tribes, communities, and municipalities in the region.
- Hire a Kodiak Regional Capacity Development Coordinator to Assist with communication and collaboration amongst local governments, Tribes, Tribal organizations, Federal and State programs/funders, and private entities within the Kodiak region and assist with applications to support environmental and economic development in the region.

The Kodiak Tribal Food Security and Economic Stability project has three main activities. All of these activities will be led by a Tribal Focus Group. This ensures the project objectives will meet the needs of the people we serve and ensures partnerships and outcomes are useful resources and will remain beneficial after the project's conclusion. KANA serves communities through a holistic approach and is proposing to address these concerns using the OneHealth concept, recognizing the interdependence of human, animal, and environmental health as one singular health system. All activities under this project will utilize the One Health initiative to make more meaningful connections between these sectors- aligning human health, environmental health, and animal health into one conversation to increase holistic wellness for the people that we serve.

The first activity KANA proposes is to support the development of the Kodiak Food Systems Vulnerability Assessment. We are proposing to conduct a vulnerability assessment on both subsistence-harvested and locally-grown food in Kodiak. Understanding how our foods will be impacted by climate change is important to food security in the region. We will be exploring the importance of subsistence and native foods on the island, how they're harvested, and processed, how they are utilized for nutrition, their economic stability, and cultural and spiritual wellness.

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KANA will work with Kodiak Tribes, local experts, organizations, and agencies to identify and prioritize vulnerabilities to both subsistence and locally grown foods in our region. We will then use the information gathered and assess their vulnerabilities to climate change and projected impacts. Through the KFSVA we will determine which foods have the highest probability of impact and outline resilience strategies to give a better depth of knowledge to food resources in our region and better adapt to the changing climate.

KANA staff will gather feedback from previous food security work around the Island and will write an Assessment including regional climate and atmospheric data, subsistence resources and associated environmental trends, Traditional Knowledge TK observations as well as other accredited community input or regional data. We will focus on compiling key foods and climate change data that will help us assess the effects of climate impacts specific to our region that will help us predict what to expect and how to adapt. KANA staff will utilize the EJSCREEN tool to include demographic and environmental data to identify environmental hazards in our communities, which will be reflected in the final KFSVA document. At the workshop and throughout the planning process, KANA will utilize the EJSCREEN tool and encourage participation and community observations through the web platform: Local Environmental Observer (LEO) Network. The LEO network was developed by ANTHC and links local observers and topical experts to share unusual environmental events. Community members will have the opportunity to share their observations and describe how changes are affecting their way of life.

To gain community feedback about the important foods in the region, KANA will create and distribute a Locally Grown Foods and Grow Capacity Survey. In year 1, KANA staff will collaborate with the Sun'aq Tribe of Kodiak and ADF&G to access and review their Kodiak Tribes Seafood Consumption Assessment surveys to develop a more specific survey to help better understand how and where residents source their food and if there are any key species of interest or concern. Kodiak Community Co-op and KALI will help KANA staff craft survey questions concerning the vulnerabilities within our food systems. The survey will be distributed through social media posts, and email, and delivered to Kodiak Tribes and offices to distribute and send back. KANA staff will also travel out to the village to hold community meetings and conduct surveys, in person.

The second objective of this project is to increase meaningful partnerships and communication between KANA, state, federal and regional partners to better serve Tribes and communities along the Kodiak Archipelago. The foundation of this objective is a steering committee; comprised of at least one representative from each of the participating Kodiak Tribes. The steering committee will meet monthly and be responsible for creating an agenda and narrowing and prioritizing workshop topics. Steering committee members will assist KANA staff with gathering local TK, including background information from literature about the Alutiiq people, language, and culture. This will ensure Tribal voices are involved in the planning process for a program or project to ensure that their needs are defined adequately and addressed.

In the fall of year one, KANA will host a Food Security and Economic Stability Workshop in the city of Kodiak. The event will be open to Tribes and municipalities in the City of Kodiak and in the more rural villages. We will provide funding to bring in two representatives from each Tribe; farmers, subsistence users, or engaged in locally grown and/or harvesting practices in their community. We will invite tribes, communities, agencies, and organizations working on or interested in addressing food security issues to the conference. Zoom will be utilized for attendees to connect virtually as well. This virtual option will allow the participation of individuals who cannot or choose not to, travel. The development of successful adaptation strategies will require

an understanding of the whole system. State and federal partners will be invited to participate, as well as representatives from the City of Kodiak and Kodiak Island Borough to make connections for shared resources and future management.

On day one, Alaska Sea Grant, will guide the discussion. There will be a review dedicated to teaching attendees how to conduct a vulnerability assessment. This way, Kodiak Tribes, and residents gain the knowledge of what goes into a vulnerability assessment. Day two of the workshop, however, will consist of a grants symposium that will advance Tribes' understandings of how to pursue and execute supportive, culturally-conscious funding opportunities.

After the workshop, KANA staff will transform conversations, and interviews, identify priorities, and consolidate background research to begin developing a KFSVA and needs assessment for Kodiak Tribes and communities. The KFSVA will outline key concerns, review the workshop, climate change data sets, and monitoring efforts, and review options to reduce climate-related risks. Without understanding the impacts of climate change, Kodiak tribes cannot effectively plan for the changes and protect their resources. Through this multilayered communication process, connections will be created between Tribes and climate sciences to network and better plan for and adapt to changing climate conditions.

For subsistence-harvested foods, many tribes and organizations have been working on highlighting subsistence practices to revitalize Alutiiq harvest techniques and show the importance and dependence on subsistence sources. In 2013, the Alutiiq Museum partnered with the Kodiak Island Borough School District to create a subsistence education box that can be lent out for youth to learn about subsistence foods. They created the Wild Foods Cookbook. The museum also has five harvest videos with Gayla Pederson, Alutiiq Plant Lore Culture Bearer (Local Cultural Expert) demonstrating how to harvest, prepare, and cook with local greens. However, the museum noted a gap in knowledge about processing and preserving techniques-- "how do you get foods into a state where you can then follow a recipe." The Alutiiq Museum will support research, educational outreach, project promotion, and the preservation of project records. They will work closely with KANA and teachers from the Kodiak Island Borough School district to create a traveling educational box on climate adaptation, growing, and harvesting for classrooms of all ages. Lastly, the Museum will create a formal archive of the project documents including photos, reports, presentations, interviews, etc. The Museum will inventory the materials, access them to the museum's permanent collection, create a finding aid describing the archive's contents, and back up the records on our internal and cloud servers for secure, long-term storage. That way the collection will be available to Tribes, researchers, and residents who wish to view the information.

Travel including village site visits will be a large portion of education and outreach. The in-person connection has had the most meaningful impact. inform future research and regulatory decisions. Travel in year 1 will provide an opportunity for KANA Staff to hold community meetings or present at Tribal council meetings to gather feedback on locally grown and subsistence-harvested foods, climate concerns, and areas of interest and review grant support needs. Travel to the bi-annual One Health conference in Fairbanks and to the Annual ADF&G subsistence board meeting was set aside to further connections on the state and regional levels.

KANA will also hire a Local Expert, Gayla Peterson, as mentioned in Partnerships. The Local Expert with a wealth of plant and subsistence knowledge of our region and experience with harvesting practices would be a pillar for achieving project objectives and guiding us through this project. If funded, the Local Expert will create and conduct events and activities for the City of Kodiak and its Villages. She will help create educational content based on her experience and interview with others to support collaborations with the Kodiak Co-op, Native Village of Afognak

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and Sun'aq Tribe of Kodiak. Travel support for KANA staff and the Local Expert was put in place for travel out to the villages to participate in culture camps, and harvesting walks, engage with local growers about their needs, and discuss findings. Events will focus on sharing community member knowledge and will spread the Alutiiq knowledge, language, and practices. Examples of activities include but are not limited to connecting with participants including youth and Elders through discussions, interviews, and educational activities, plant walks to ensure the information collected through the assessment process goes back into the communities, and review or documentation of Elder Recipes. KANA staff will also present the educational boxes to engage youth (and adults) at these travel events.

To address Kodiak Tribes and small municipal governments' frustrations in their challenges in accessing crucial resources intended to enhance resilience, improve the economy, and replace aging infrastructure: activity three will be to conduct a tribal community needs assessment and increase centralized grant support through the creation of Kodiak Regional Capacity Development Coordinator.

3.0 Environmental Results

a. Logic Model. Attached

b. Performance Measurement Plan.

KANA will work with partners to gather information and ensure absolute adherence to the Performance Measurement Plan. The objective of the evaluation plan is to assess the effectiveness of activities performed under this project, as it pertains to the goal of food systems, economic stability, and environmental justice. KANA intends to utilize a combination of process and outcomes evaluations throughout the duration of the project. Process metrics will primarily be focused on participation attendance, steering committee member attendance, outreach events, and survey response feedback. To measure the success of these objectives and outcomes, KANA will hold post-workshop interviews/community meetings with all participating tribes. Surveys will be distributed allowing tribes to provide honest feedback and use a number matrix to quantify our efforts and outcomes. The primary sources for process information will be participant feedback on the FSVA, Assessment, and steering committee input. This information will be stored on KANA's shared, internal network to ensure that data is centralized, secure, and accessible for the full duration of the project and post-project evaluation period. Access to information within KANA's network can be as limited as necessary to protect confidential information, with information free of identifiable information being released on request or as otherwise appropriate. Examples of when information may be released include regular reports submitted to partner agencies, internal/external programmatic reporting, or sharing with the communities being served. The primary evaluation questions to be addressed throughout this process for all identified strategies are:

1. *How many applications for associated programs have been submitted?*
2. *How can services best be improved?*
3. *How many individuals participated in the vulnerability assessment workshop / how many participated in local workshops/ plant walks?*
4. *How many participants represented underserved communities / rural communities?*
5. *How many participants were aware of and using the gathering, processing, and preservation methods that were shared pre-workshop?*
6. *How many participants are utilizing the gathering, processing, and preservation methods that have been shared post-workshop*
7. *How can these methods be shared further to reach more community members?*

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8. *How many grant notifications have been shared or applications submitted with the support of the Kodiak Regional Capacity Development Coordinator?*
9. *Where has there been new tribal representation (for example: subsistence advisory council)*
10. *Have there been any changes in land management or accessibility?*

Key deliverables will include but are not limited to training certificates for all workshop attendees and presenters, locally grown and subsistence harvested foods vulnerability assessments, a survey for locally grown foods that includes growing capacity information, Tribal Community Needs Assessment, traveling education box, outline for subsidence foods education/outreach events co-created with Local Expert and travel reports for village travel and travel to One Health Conference (in year 2) and ADF&G subsistence board meeting (year 1&2).

We will use existing structures of a steering committee, workshop, site visits, and partnership to leverage resources effectively and efficiently. The depth and breadth of our partnerships ensure KANA staff is not over capacity to conduct this work. We are using existing partnerships and experts to leverage resources for this work. These evaluation questions will be assessed bi-annually throughout the project to modify the programmatic structure as needed to achieve the identified outcomes. In addition to these general questions, KANA has also identified more specific evaluation and performance measurement plans for each of the identified strategies, as well as for established commitments. Please see the attached logic model for specific target metrics.

c. Sustainability Plan and Community Vision.

KANA staff already has a structure in place that is being used to create the Kodiak Tribal Climate Adaptation Plan and Template, which models the same project structure. The proposed activities, objectives, and outcomes outlined in this project are a direct result of Tribally-led climate adaptation planning. This project comes closer to achieving Kodiak Tribes' and communities' goals and objectives by taking the next step in the region's climate adaptation planning efforts and creating a position at KANA that will provide more centralized support (i.e. grant writing) so Tribes, communities, and municipalities can capitalize on resources and funding. The key concerns identified through the Climate Adaptation planning process were food security and program sustainability. One Health encompasses humans, the environment, and animals. Because food (plants and animals) are not just a nutritional resource but cultural importance, economic stability, and a way of life; communities have a vested interest in sustaining this project's momentum.

The proposed work will advance Tribes in climate adaptation planning and preparedness by creating the first Kodiak Food System Vulnerable Assessment that will be living documents to be used and incorporated into tribal program management, emergency planning/management, and or their EPA Tribal Environmental Plans (ETEPS). The Assessment will be created and used to identify Tribal and community grant support needs. Tribal leaders who attend the workshop will gain skills and knowledge on how to conduct vulnerability assessments, utilize this information for their Tribe, and better plan how to adapt to the changing climate, environmental factors, and ecosystems. Tribal leaders will also gain access to the GIS environmental datasets (EJSCREEN and LEO) and learn how to add observations and manipulate graphs to adjust data for their community.

We know this project can be replicated and used in communities elsewhere because Davin Holen with Alaska Sea Grant has done similar vulnerability assessments through Adapt Alaska, including an Adapt Kodiak workshop and assisting in facilitating the Kodiak Tribal Climate Adaptation Planning workshop. The FSVA output would be displayed on the Adapt Kodiak

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website for other communities to view and use. If funded, we would also share our Kodiak Regional Capacity Development Coordinator position job description and role outline. This role is not a need unique to the Kodiak region. This support is needed in many communities across rural Alaska. This can be seen in the number of tribes that hire consultants

4.0 Programmatic Capacity

a. Organization Expertise.

KANA was founded in 1966 as a 501(c) (3) nonprofit corporation and exists through the resolutions of the Tribal Governments of the Koniag region under Public Law (P.L.) 93-638, the Indian Self-Determination and Education Assistance Act. KANA has maintained stable management, organizational structure, and quality financial stability since its inception. As a federally designated Tribal Organization, KANA elects its Board of Directors through a membership-wide vote of KANA beneficiaries. The Board of Directors is 100% Alaska Native. To ensure strong operations and administration, KANA maintains fully staffed departments for finance, human resources, and other support services. KANA's Executive Leadership team is comprehensive and includes the Chief Executive Officer, Vice President of Strategy, Vice President of Community Services, Vice President of Health Services, Vice President of Administration, Chief Medical Officer, Chief of Staff, and Finance Director. This team meets weekly, alternating between 30-minute meetings for brief updates and priority issues and longer, 90-minute sessions to discuss strategy and organizational oversight.

KANA's Environmental Department is a recipient of funding under the EPA IGAP, EPA Hazardous Waste, and BIA Climate Tribal Resilience programs, and has carried out relevant environmental grant programs for several years. We display a long history of successfully fulfilling grant requirements with the EPA and several other federal and state entities. Not only is KANA's environmental team equipped with experienced and capable staff with regard to fulfilling grant requirements, but also employs grants and finance departments that aid in the successful execution of reporting requirements. Not only has the applicant fully utilized the robust systems and teams delineated above, having submitted acceptable final technical reports under these agreements, but has been commended on the thoroughness of both proposals and reporting. The extent to which we adequately report on our progress towards achieving the expected outputs and outcomes under these agreements, as well as the timeliness of reports, shows in the fact that we continue to maintain and be re-awarded funds by the EPA and countless other entities.

b. Staff Experience.

Tyler Kornelis, Economic and Environmental Project Manager. Tyler has operated in this capacity for nearly a decade, in Kodiak. He is uniquely qualified for this work. For this specific project, the Project Manager oversees other program staff and provides project direction. Generally, the Project Manager is responsible for the management, coordination, development, and implementation of economic and environmental development projects and programs deemed necessary to foster community and tribal economic development and environmental response. They coordinate with and manage projects in conjunction with other department coordinators, supervisors, and managers, and liaisons with necessary agencies, outside partners, and contractors to facilitate project or program success. The Project Manager identifies and defines project scope, resource needs, tracking mechanisms, implementation or business models, and desired outcomes. Oversees and manages applicable grants and grant staff related to solid waste management, including Tribal operations when necessary. Lastly, the Project Manager assists Village

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Governments in identifying environmental needs and priorities in response to the climate crisis. In overseeing the *Kodiak Tribal Food Security and Economic Stability Initiative*, the Project Manager will develop a strategic view of the assessment and ensure other staff remains on track with delineated objectives, milestones, deliverables, and measures of success. Please see their resume in 'Other Attachments.'

Grace Ellwanger, Environmental and Economic Development Specialist. Grace has operated in this capacity on Kodiak for nearly three years now and has developed a unique relationship with the Tribes and our environment. The Environmental and Economic Development Specialist manages all aspects of the project, in developing the Kodiak Food Systems Vulnerability Assessment. The Environmental and Economic Development Specialist works closely with the Environmental Coordinator and Project Manager to ensure all project tasks and objectives are met. They also work alongside the Project Manager to serve as a liaison between necessary agencies, outside partners, and contractors to facilitate project or program success. They assist in handling projects to ensure scope, resource needs, tracking mechanisms, implementation or business models, and desired outcomes are documented and in compliance with funder requirements. Under this project, the Environmental and Economic Development Specialist will attend a workshop, conference or training focused on climate change and adaptation in Alaska or another rural location that faces similar issues to coastal Alaska. They will attend this to gain skills and knowledge about food security, building resiliency, and vulnerability assessments. They will compile what was learned and discussed and include a report in the Kodiak Food Systems Vulnerability Assessment. Please see their resume in 'Other Attachments.'

Kodiak Regional Capacity Development Coordinator. This new hire will provide grant-seeking, writing, and management support for Tribes. Additionally, they will work diligently to aid in capacity-building efforts, as regard economic development and environmental justice projects.

c. Expenditure and Compliance.

KANA's approach, procedures, and controls for ensuring that awarded grant funds will be expended in a timely and efficient manner, have been proven repeatedly. As delineated above, KANA's current financial system is Microsoft Dynamics GP, a fund accounting system that allows us to record and present financial data in conformance with reporting requirements. KANA successfully administers more than 80 grants and contracts to provide quality healthcare, behavioral health, and community services to its patrons through full-time positions such as Grants Director, Grants Specialist, Grants Accountant, and program manager. KANA maintains the accounting and internal control policies and procedures that follow Generally Accepted Accounting Principles (GAAP). Our financial systems, policies, procedures, and statements are reviewed annually by an audit firm, and our financial statements are published to reflect GAAP. KANA is a low-risk auditee and our auditor issues a clean opinion of KANA annually.

KANA has established a clear separation of duties within the Finance and Administration departments to safeguard assets and maintain financial stability. KANA's electronic financial management system allows the Finance Director to present financial performance reports quarterly or monthly to the Board of Directors and Management, respectively. Billing and collection reports are generated and distributed to management and the Board of Directors on a monthly basis, and staff who are assigned budget management authority receive monthly budgets to actual expense reports to monitoring spending and financial activity. This information is used by managers to support decision-making related to the financial and programmatic activity. KANA program managers monitor and review expenditures to ensure accordance with each respective award as

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well as with Federal Cost Principles. Additional layers of review exist at the program director and grant accountant levels.

5.0 Past Performance

The Economic Development department at KANA created the foundation for work in the environmental field with the vision that "*Healthy people live in healthy communities*". In 2018, KANA received EPA Indian General Assistance Program funds to establish an Environmental Department and Regional Environmental Consortium to increase local administrative, programmatic, and communications capabilities, and to build the tribal environmental programs' communications, solid waste management, water quality monitoring, and subsistence protection programs. Our regional consortium is made up of all ten federally recognized tribes: the Native Village of Afognak, the Sun'aq Tribe of Kodiak, the Native Village of Ouzinkie, the Native Village of Port Lions, the Native Village of Larsen Bay, the Alutiiq Tribe of Old Harbor, Native Village of Akhiok, Native Village of Karluk-IRA Tribe of Karluk, Kaguyak Village Tribe, and the Tangirnaq Native Village.

When the consortia formed, these village communities and tribes were independently working on a wide variety of environmental protection activities: solid and hazardous waste management, environmental observations (TEK- Traditional Ecological Knowledge), water temperature monitoring, and education and outreach. Through the consortium, we have been able to identify overlapping or common priorities of all the tribes. This allows KANA to identify and prioritize our focus area. For the last four years, KANA, in collaboration with consortium tribes, has been actively working on some of our region's top environmental priorities identified by the tribes. In just a short time of four years, we have been able to increase program capacity by bringing in additional grant funds and building partnerships. Our environmental department is currently funded and supported by the EPA Indian Environmental General Assistance Program (IGAP), EPA Hazardous Waste Management, Bureau of Indian Affairs Tribal Resilience Funding, and The Office of Lisa Murkowski. We are currently operating successfully in managing these funds, adhering to programmatic and financial reporting requirements in an efficient and timely manner, and actively working towards achieving the expected outputs and outcomes of those agreements still operating. We have successfully submitted final financial and technical reports to both the EPA and BIA in the past, under these programs, and will do so also under the projects that are still developing.

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KODIAK AREA NATIVE ASSOCIATION
3449 Rezanof Drive East Kodiak, Alaska 99615 | Ex. 6 - Personal Privacy (PP) | www.kodiakhealthcare.org

U.S. Environmental Protection Agency
Attn: Jacob Burney
Office of Environmental Justice and External Civil Rights
1200 Pennsylvania Avenue, NW
Washington, DC 20460

April 14, 2023

Letter of Commitment

RE: Response to the FY23 Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program Application

Mr. Burney,

I'm writing on behalf of the Kodiak Area Native Association (KANA), submitting this Letter of Commitment in support of our Environmental Department's proposal, in response to the FY23 Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program Application—*Kodiak Tribal Food Security and Economic Stability Initiative*.

KANA was formed in 1966 as a 501 (c) (3) nonprofit corporation to provide health and social services to the Alaska Natives on Kodiak Island, with a mission to *elevate the quality of life of the people we serve*. KANA works diligently to serve its people holistically—deploying teams that specialize in various aspects of public health, ranging from environmental monitoring to behavioral health.

The Environmental Department proposes to support the development of the Kodiak Food Systems Vulnerability Assessment (KFSVA): a vulnerability assessment on both subsistence and locally grown food in Kodiak. Understanding how foods in the region will be impacted by climate change is important to understanding how the health of Alaska Natives will be impacted. KANA will work with Kodiak Tribes, local experts, and organizations to identify and prioritize vulnerabilities to both subsistence and locally grown foods in the region. Then, our environmental team will use the information gathered to assess which foods are most vulnerable to climate change and which will have the most significant impacts to overall health and wellbeing in the community if they are made less available.

They also propose to address challenges frequently expressed by Tribes and small municipal governments in the Kodiak region in accessing crucial resources intended to enhance resilience, improve economy, and replace aging infrastructure by hiring an additional staff to provide technical assistance and support to the ten Tribes and five small municipal governments in the Kodiak Archipelago.

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KODIAK AREA NATIVE ASSOCIATION
3449 Rezanof Drive East Kodiak, Alaska 99615 | Ex. 6 - Personal Privacy (PP) | www.kodiakhealthcare.org

KANA will address these concerns using the One Health concept, recognizing the interdependence of human, animal, and environmental health as one singular health system. The Environmental and Economic Development Departments will work together to partner with other internal departments (i.e. Workforce Development, Elder Services, Prevention, etc.), as well as with local agencies to ensure that we are taking an effective, knowledgeable, and multi-pronged approach to addressing environmental justice issues in our region.

As an organization, KANA commits to ensuring the integration of our departments, in support of the holistic One Health model, and the *Kodiak Tribal Food Security and Economic Stability Initiative,* as a whole. We seek to increase stakeholder engagement; enhance the integrity of community health connections between humans, animals, and the environment; and *elevate the quality of life of the people we serve.*

We respectfully request your support of this proposal.

Sincerely,

M Pfeffer

Mike Pfeffer
Chief Executive Officer

Alaska Sea Grant
University of Alaska Fairbanks
1007 West 3rd Avenue, Suite 100 · Anchorage, AK 99501
Ex. 6 - Personal Privacy (PP)
alaskaseagrant.org

U.S. Environmental Protection Agency
Attn: Jacob Burney
Office of Environmental Justice and External Civil Rights
1200 Pennsylvania Avenue, NW
Washington, DC 20460

April 6, 2023

RE: Letter of Commitment for Kodiak Area Native Association to the FY23 Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program Application

Dear Mr. Burney,

Alaska Sea Grant is submitting this Letter of Commitment to support its FY23 Environmental Justice Grant proposal, Kodiak Tribal Food Security and Economic Stability Initiative.

Alaska Sea Grant is a partnership between NOAA and the University of Alaska Fairbanks. The Coastal Community Resilience Program provides data and decision support tools to rural communities in Alaska, leveraging the University's resources and NOAA. Since 2016 I have conducted workshops across Alaska on coastal resilience with partners including Tribes such as KANA. As an anthropologist who spent my first career studying the customary harvest of wild foods and food security of rural residents of Alaska including Kodiak, I understand the importance that wild foods play in the subsistence way of life of Kodiak residents. We conducted a workshop called Adapt Kodiak in 2019, and one of the 4 focus areas was food security. This was followed up by collaborating with KANA on their Tribal Climate Adaptation Workshop last fall, which was thematically organized around the subsistence way of life. We are supporting this project as Alaska Sea Grant recognizes the unique challenges brought on by changes in the climate and their potential impacts on food resources in coastal village communities and tribal members residing in the Kodiak region. The main source of local food in Alaska is obtained through subsistence activities. Locally grown and harvested foods are a significant component of regional food security. Understanding how important foods that are grown and harvested in the region will be impacted by climate change is important not only to food security in the region but the nutritional, cultural, economic, and spiritual well-being of Kodiak Tribes.

Alaska Sea Grant supports the need for dependable subsistence resources and locally grown food access and exploration of climate change impacts so Kodiak communities and Tribes can ensure reliable and available food sources into the future. Alaska Sea Grant is committing to the project as follows.

In-Kind: Staff time and travel funding to facilitate the food system vulnerability assessment workshop in Kodiak in year one of the proposed project. Alaska Sea Grant will guide the discussion, provide expertise, and assist with outreach throughout the project period.

UAF is an AA/EO employer and educational institution and prohibits illegal discrimination against any individual: www.alaska.edu/nondiscrimination/.

Alaska Sea Grant
University of Alaska Fairbanks
1007 West 3rd Avenue, Suite 100 · Anchorage, AK 99501
Ex. 6 - Personal Privacy (PP)
alaskaseagrant.org

Thank you for considering our FY23 Environmental Justice Grant Proposal. I fully support the work that KANA is doing to support the residents of Kodiak as they address future challenges posed by climate on resources important for the cultural, social, and economic wellbeing of Kodiak residents.

Respectfully,

Davin Holen

Davin Holen, Ph.D.
Associate Professor and Coastal Community Resilience Specialist
Alaska Sea Grant Marine Advisory Program

UAF is an AA/EO employer and educational institution and prohibits illegal discrimination against any individual: www.alaska.edu/nondiscrimination/.

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Latino Community Fund of Washington State

Address: 1225 Weller South Street, Suite 410

City: Seattle

State: WA: Washington Zip Code: 98144

B. Unique Entity Identifier (UEI): ZFEEC9G7W9R7

C. Applicant/Recipient Point of Contact

Name: Lilliane Ballesteros

Phone: Ex. 6 - Personal Privacy (PP)

Email: lilliane@latinocommunityfund.org

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☒ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII.	**Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)**	☒ Yes	☐ No
	a. Do the methods of notice accommodate those with impaired vision or hearing?	☐ Yes	☒ No
	b. Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?	☒ Yes	☐ No
	c. Does the notice identify a designated civil rights coordinator?	☐ Yes	☒ No
VIII.	**Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))**	☒ Yes	☐ No
IX.	**Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))**	☒ Yes	☐ No

X. If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.

XI. If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Lilliane Ballesteros	Executive Director	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Lilliane | Middle Name:
Last Name: Ballesteros | Suffix:
Title: Executive Director

Complete Address:

Street1: PO Box 30669
Street2:
City: Seattle | State: WA: Washington
Zip / Postal Code: 98103 | Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: lilliane@latinocommunityfund.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Luis Fernando | Middle Name:
Last Name: Ramirez Limon | Suffix:
Title: Finance Director

Complete Address:

Street1: PO Box 30669
Street2:
City: Seattle | State: WA: Washington
Zip / Postal Code: 98103 | Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: luis.fernando@latinocommunityfund.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Luis Fernando | Middle Name:
Last Name: Ramirez Limon | Suffix:
Title: Finance Director

Complete Address:

Street1: PO Box 30669
Street2:
City: Seattle | State: WA: Washington
Zip / Postal Code: 98103 | Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: luis.fernando@latinocommunityfund.org

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** | **First Name:** Cristina | **Middle Name:** | **Last Name:** Ortega | **Suffix:**

Title: Statewide Manager for Civic Engagement and Ad

Complete Address:

Street1: 1106 W. Lincoln Avenue, Suite B

Street2:

City: Yakima **State:** WA: Washington

Zip / Postal Code: 98902 **Country:** USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: cristina@latinocommunityfund.org

EPA Form 5700-54 (Rev 4-02)

Wv94PvXXcke5BhcnSk7dvMZGxRQ=

Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Latino Community Fund EPA Collaborative Grant Application

Application
New
2023-04-14
Latino Community Fund of Washington State
20-5987399
ZFEEC9G7W9R7
1225 Weller South Street, Suite 410
Seattle
WA: Washington
98144-1906
USA: UNITED STATES

Lilliane
Ballesteros

Executive Director
EX. 6 - Personal Privacy (PP)
lilliane@latinocommunityfund.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
1234-2023 EPA Affected Areas .pdf
application/pdf
sEv7291Pghsw6NthPk4dkQhrGqo=

Wildfire Resiliency Project for Latinx/e Communities in Yakima
WA-9

WA-4
2023-11-01
2025-11-01
498280.00
0.00
0.00
0.00
0.00
0.00
498280.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Lilliane
Ballesteros

Executive Director
EX. 6 - Personal Privacy (PP)
lilliane@latinocommunityfund.org
Lilliane Ballesteros
2023-04-14

Lilliane
Ballesteros

Executive Director
PO Box 30669
Seattle
WA: Washington
98103
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
lilliane@latinocommunityfund.org

Luis Fernando
Ramirez Limon

Finance Director
PO Box 30669
Seattle
WA: Washington
98103
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
luis.fernando@latinocommunityfund.org

Luis Fernando
Ramirez Limon

Finance Director
PO Box 30669
Seattle
WA: Washington

98103
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
luis.fernando@latinocommunityfund.org

Cristina
Ortega

Statewide Manager for Civic Engagement and Ad
1106 W. Lincoln Avenue, Suite B
Yakima
WA: Washington
98902
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
cristina@latinocommunityfund.org

Latino Community Fund of Washington State
1225 Weller South Street, Suite 410
Seattle
WA: Washington
98144

ZFEEC9G7W9R7
Lilliane Ballesteros
EX. 6 - Personal Privacy (PP)
lilliane@latinocommunityfund.org
Executive Director
N: No
N: No
N: No
Y: Yes
N: No
Y: Yes
N: No
Y: Yes
Y: Yes
Lilliane Ballesteros
Executive Director
2023-04-14

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64285.00

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1235-2023 EPA Application Narrative .pdf
application/pdf
ntuOLyEJAk+fdcbf5BQMLS0wf9Y=

1236-2023 LCF Logic Model - EPA.pdf
application/pdf
7wX2yurtSzmiFkfEwfVwNu8jgzk=

1237-Performance Measurement Plan - Sheet1 (1).pdf
application/pdf
9n3JSJXaRzTVwHYITUME18KivNU=

1238-2023 EPA Logic Model.pdf
application/pdf
SuADsJms0DdNPRxztEuxTJwqgPQ=

1239-2023 EPA Letter of Commitment - Sachamama.pdf
application/pdf
kNhgWMOIfIO0Rij62xtmUkN6XyE=

1240-2023 EPA Letter of Commitment - Yakime Health District.pdf
application/pdf
kHNI+/BLb+cyoKHqdOQuplTM3tY=

1241-Letter of Commitment - Nuestra Casa.pdf
application/pdf
F4vynxCI6C4Iv5zXt5Un0zFOU6c=

1242-DNR 2023 EPA Letter of Support.pdf
application/pdf
0VtUzRJ3bX7DxIP+zl0AeqBtgE4=

1243-CRISTINA ORTEGA Resume.pdf
application/pdf
x/+dHjoRErwuHIACSobnT99mx+U=

1244-Lilliane Ballesteros Resume.pdf
application/pdf
qQGbb9iDtlDcsP+S6ZaGFvBhu/0=

1245-2023 LCF Logic Model - EPA.pdf
application/pdf
7wX2yurtSzmiFkfEwfVwNu8jgzk=

1246-Performance Measurement Plan - Sheet1 (1).pdf
application/pdf
9n3JSJXaRzTVwHYITUME18KivNU=

1247-LCF 2023 BUDGET for EJCPS .pdf
application/pdf
kZ52UFRtlq2HvVgBZQvMNzCNnb0=

1248-Proof of Non-Profit Status (1).pdf
application/pdf
zX8nQ4ua0qKKbxvri543ntUxymo=

Wv94PvXXcke5BhcnSk7dvMZGxRQ=
2023-04-14T22:54:11.000-04:00
Lilliane Ballesteros
GRANT13862066

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Latino Community Fund of Washington State

* b. Employer/Taxpayer Identification Number (EIN/TIN): 20-5987399

* c. UEI: ZFEEC9G7W9R7

d. Address:

* Street1: 1225 Weller South Street, Suite 410
Street2:
* City: Seattle
County/Parish:
* State: WA: Washington
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 98144-1906

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Lilliane
Middle Name:
* Last Name: Ballesteros
Suffix:

Title: Executive Director

Organizational Affiliation:

* Telephone Number: Ex. 6 - Personal Privacy (PP)
Fax Number:

* Email: lilliane@latinocommunityfund.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

1234-2023 EPA Affected Areas .pdf | Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Wildfire Resiliency Project for Latinx/e Communities in Yakima

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: WA-9 | * b. Program/Project: WA-4

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 | * b. End Date: 11/01/2025

18. Estimated Funding ($):

* a. Federal	498,280.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	498,280.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: | * First Name: Lilliane

Middle Name:

* Last Name: Ballesteros

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 - Personal Privacy (PP) | Fax Number:

* Email: lilliane@latinocommunityfund.org

* Signature of Authorized Representative: Lilliane Ballesteros | * Date Signed: 04/14/2023

April 5, 2023

U.S. EPA, Region 10
1200 Sixth Avenue, Suite 155
Seattle, WA 98101

Dear EPA Community Education review committee,

On behalf of the Yakima Health District (YHD), please accept this letter of commitment for the Latino Community Fund of Washington State (LCF) application for the 2023 Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program. Through this grant, LCF will be working with partners in Eastern and Central Washington to support and enhance the capacity of local leaders to address and build a deeper understanding and personal stewardship actions addressing local environmental issues.

The YHD is the first, and oldest, health district in the nation having provided public health services to people in Yakima County for over 100 years. Our work spans public health education and prevention, communicable disease surveillance and intervention, as well as environmental health oversight. Collaborations are extremely important in the Yakima Valley, particularly with the high concentration of low income and traditionally underserved residents in our communities. The general population in the region faces numerous major environmental health concerns including hazardous air and groundwater quality. Due to the cumulative impacts of this pollution and health inequities, the Latino community experiences disproportionate health impacts from these issues and additional barriers to information and engagement opportunities

LCF has a history of working with the Latino community throughout Washington State through a variety of networks and coalitions. This includes the Latino Equity Network, which initially brought together nine Latino nonprofit organizations since 2014 who work with thousands of Latino families in communities across the state to identify issues of concern and create solutions to them, including environmental issues. The network has since grown to include more member organizations and expand its scope. In Central and Eastern Washington, LCF has been building partnerships with local nonprofits and groups that are working to increase participation among Latino residents in various issues, including climate change and other environmental issues in the region. LCF has led community dialogue climate listening sessions, wildfire leadership and capacity cohorts, has built strong relationships with leaders in Central WA, and will host a youth leadership summit on August 12th, 2023, bringing together youth from Central WA and across Washington State to discuss civic engagement, climate change, and other local issues that community members face. For these reasons, LCF is ideally

positioned to expand the knowledge of residents in Central and Eastern Washington about a variety of pressing environmental issues.

YHD is excited to work with Latino Community Fund in this work to continue promoting awareness and education among Latino community members in Yakima County. Our commitment to work together would include participating in partner collaboration meetings, partnering on community outreach work, and co-hosting community resource fairs. We have partnered with LCF in the past on this work and are excited to continue doing so.

I hope you will give every possible consideration to LCF's application for the 2023 Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program. This grant will significantly benefit the communities of Eastern and Central Washington facing local environmental issues affecting the health and wellbeing of community members.

Please feel free to contact me at Ex. 6 - Personal Privacy (PP) if you have questions or require additional information.

Sincerely,



Lilian Bravo
Director of Public Health Partnerships

Nuestra Casa
301 S. 7th St. • Sunnyside, WA 98944 • Ex. 6 - Personal Privacy (PP)

April 14, 2023

Environmental Protection Agency Office of Environmental Justice,

Re: Letter of commitment for the Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program

To Whom It May Concern,

This letter of commitment is submitted in support of the Latino Community Fund of Washington's Application for the Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program.

Nuestra Casa is a non-profit organization, community-based organization dedicated to providing social services to rural immigrants in the Lower Yakima Valley. Although we started serving women first, we have now expanded our program to include their families through English as a Second Language Classes and Citizenship Classes. In addition, we have collaborated with Latino Community Fund on social and environmental issues. Over the last couple of years we've collaborated in promoting clean water and clean air quality via different programs.

Their expertise in environmental justice issues and Nuestra Casa's ability to connect with the community has turned us into an impactful partnership. Together, we are creating new leaders to address the conservancy and health of the Yakima Valley.

Should the program get funded, Nuestra Casa is committed to continue work with Latino Community fund in any aspect of this project. We are committed to leveraging resources and creating learning opportunities for the resilient people of the Yakima Valley.

If you need additional information, please do not hesitate to contact me at Ex. 6 - Personal Privacy (PP) or email at caty@nuestracasawa.org.

Sincerely,



Caty Padilla

SACHAMAMA

April 10, 2023

Environmental Protection Agency
Office of Environmental Justice

On behalf of Sachamama, I am honored to provide this letter of commitment for the Latino Community Fund of Washington State (LCF) application for the ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM and their efforts to build community resilience and leadership within the Latino community in Washington State.

Sachamama is a non-profit organization working to build support for a clean energy economy for all, and cultivating sustainable attitudes, behaviors & lifestyles within communities of color. Through communications and messaging, leadership and advocacy development, and community-led local actions, we are informing and activating individuals to advocate for healthy more resilient communities, while developing a nurturing movement that supports self-exploration, diversity, and civic participation.

Since 2020, Sachamama has had the privilege to work with LCF, providing resources and tools for Latino communities to be more resilient to wildfires across the Yakima Valley. Thought our 8-week Spanish video "Before the Fire Curriculum" and participatory learning processes, we have tapped into communities' knowledge to help address some of the challenges they face, determine community assets, and bring forward community-based wildfire solutions. On this joint effort, Sachamama will support LCF through:

1. Hosting the video curriculum series in our online course platform
2. Cofacilitation of weekly classes
3. Development of leadership training materials and production of communication content

sachamama.org
info@sachamama.org

SACHAMAMA

Sachamama looks forward to the opportunity to continue developing wildfire community resilience and leadership to Latino communities in Washington State. Please feel free to contact me at c.zegarra@sachamama.org or Ex. 6 - Personal Privacy (PP) if you have questions or require additional information.

Sincerely,

Carlos Zegarra
Executive Director
Sachamama

Latino Community Fund
WASHINGTON STATE

April 7, 2023

U.S. EPA, Region 10
1200 Sixth Avenue, Suite 155
Seattle, WA 98101

Dear EPA Community Education review committee,

On behalf of the Department of Natural Resources, please accept this letter of commitment for the Latino Community Fund of Washington State (LCF) application for the ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM. Through this grant, LCF will be working with partners in Eastern and Central Washington to support and enhance the capacity of local leaders to address and build a deeper understanding and personal stewardship actions addressing local environmental issues.

Latino Community Fund of Washington State is a 501(c)(3) nonprofit that invests in the Latino community to cultivate new leaders, support effective nonprofit organizations, and improve the quality of life for all Washingtonians. Through this project, LCF will work with local and statewide partners, including the Washington Environmental Council, Washington Toxics Coalition, and other partners through sub-grants to engage youth and adult community leaders to become stewards for addressing environmental issues.

The Central and Eastern Washington regions have some of the highest concentrations of Latino residents in the Northwest. The general population in the region faces numerous major environmental health concerns and lacks adequate culturally competent education and engagement materials; Latino residents face even greater barriers to information and engagement. LCF has a history of working with the Latino community throughout Washington State through a variety of networks and coalitions. This includes the Latino Equity Network, which initially brought together nine Latino nonprofit organizations since 2014 who work with thousands of Latino families in communities across the state to identify issues of concern and create solutions to them, including environmental issues. The network has since grown to include more member organizations and expand its scope. In Central and Eastern Washington, LCF has been building partnerships with local nonprofits and groups that are working to increase participation among Latino residents in various issues, including climate change and other environmental issues in the region. LCF has led community dialogue climate listening sessions, wildfire leadership and capacity cohorts, has built strong relationships with leaders in Central WA, and will host a youth leadership summit on August 12th, 2023, bringing together youth from Central WA and across Washington State to discuss civic engagement, climate change, and other local issues that community members face. For these reasons, LCF is ideally positioned to

expand the knowledge of residents in Central and Eastern Washington about a variety of pressing environmental issues.

I hope you will give every possible consideration to LCF's application for the 2023 ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM. This grant will significantly benefit the communities of Eastern and Central Washington facing local environmental issues affecting the health and wellbeing of community members.

We are excited to work with Latino Community Fund in this work to continue bringing education and resources to Latinx community members in Yakima County. Our commitment to work together would include sharing wildfire resilience resources through education material and staff presentations. We have partnered with LCF in the past on this work and are excited to continue doing so.

We look forward to the opportunity the grant funding will provide LCF and their partners to achieve their educational goals and objectives. Please feel free to contact me at Ex. 6 - Personal Privacy (PP) if you have questions or require additional information.

Sincerely,

Russ Lane
Division Manager, Wildland Fire Management Division

Ex. 6 Personal Privacy (PP)
Seattle, WA • Ex. 6 - Personal Privacy (PP) • Ex. 6 - Personal Privacy (PP)

EXECUTIVE SUMMARY

Innovative, results-oriented leader with over ten years of experience in the nonprofit sector developing and executing strategic fundraising goals, collaborations with nonprofit staff, boards, and community partners, and strengthened operational structures to increase organizational impact. Proven collaborative leadership, proactive work ethic, and ability to effectively convey cohesive mission and vision of organization to a variety of stakeholders. A strong team member who leads with integrity, initiative, and a collaborative spirit. Extensive knowledge of nonprofit systems, program budgeting, and data management. A values-driven professional, dedicated to investing in leadership pipelines that center community voice and create systems change.

PROFESSIONAL EXPERIENCE

Latino Community Fund of WA State

Executive Director, Seattle, WA, October 2019 – present

Oversee organizational administration, programming, finance, and fundraising. This has included managing a staff of 13 leaders across 3 counties, as well as 13 fiscally sponsored organizations. Developing and implementing new operational and finance policies. Managing statewide relationships with nonprofit leaders, foundation staff and board, and youth leaders. Building organizational cohesiveness and shared learning across organization through team activities, program reports, and collaborative approaches to work plans.

Notable Accomplishments:

- Co-facilitated Wildfire Resilience Trainings and supported in Outreach
- Expanded organizing work to include King, Yakima, Benton, Franklin, and Chelan Counties
- Raised and distributed over $1.5 million in Covid Response Funds in 2020
- Worked with team to lead year-long strategic planning process with board and staff
- Continued relationships with statewide partners through strategic visioning and programming in the fields of Census work, Environmental Justice, Health Equity, and Philanthropy

Interim Executive Director, Seattle, WA, January 2019 – October 2019

Manage organizational growth during leadership transition, assessing the needs and opportunities for the organization. Developed new organizational policies and procedures.

Notable Accomplishments:

- Worked with staff to successfully raise over $500,000 in 2019.
- Developed new financial management policies, including expense request process, budgeting for events, and financial oversight by managers.
- Increased budgeting skills and financial literacy of team, including youth fellows.
- Developed new relationships with statewide partners through strategic visioning and programming in the fields of Census work, environmental justice, and philanthropy.

Director of Development and Capacity Building, Seattle, WA, July 2015 – January 2019

Developed fundraising goals with program staff, Executive Director, and Board of Directors. Developed new and expanded on existing avenues for fundraising, including community events, online giving campaigns, annual Gala, and community grants committee. Established relationships that included sponsors, foundation funders, student interns, and partner organizations.

Notable Accomplishments:

- Collaborated with staff, board, and partners to raise annual budget from $1.5M to over $3M in revenue, including through grant revenue (both restricted and unrestricted), event revenue, and individual giving.

- Advocated for, raised funds for, and hired new Communications Coordinator to strengthen storytelling projects, increase impact reporting, and build out organizational branding.
- Led the planning and implementation of staff retreats, visioning sessions, and program collaborations.
- Started new relationship with UW Carlson Center, bringing in student interns (some who became Fellows and integral to the organizations growth), while also increasing staff ability to serve in managerial roles.
- Brokered collaboration with nationwide environmental nonprofit, leading to civic engagement and 2020 Census work with local Latino/a leaders in Wenatchee – leading to the first hiring of a Youth Fellow in Wenatchee, thereby expanding LCF's statewide presence and collaborations.

Entre Hermanos
Development Assistant, Seattle, WA, September 2013 – December 2016
Analyzed data and developed fundraising strategy, engaging board members to recruit new donors and bring in new sponsors for annual Gala event. Developed communication plan, including social media content, to improve donor retention. Organized Gala Event and managed relationships with sponsors. Supervised development intern.

Notable Accomplishments:
- Secured new sponsors including new nationwide partner, local unions, and health institutions.
- Developed donor database to track donor retention and create targeted donor communication.

Mari's Place for the Arts
Grant Writer, Everett, WA, June 2015 – June 2016
Worked closely with Executive Director to increase funding by leading grant research and implementation, with an emphasis on general operating support. Built out new systems for tracking and collecting financial data, including introducing excel budgeting to organization, developing program budgets, and crafting a cohesive narrative to attract new foundation partners.

United Way of King County
Community Program Ambassador, Seattle, WA, December 2014 – March 2015
Engaged with local communities to increase participation in the United Way's Free Tax-Prep Campaign.

Education Pioneers Fellowship, California Charter Schools Association
Education Pioneers Fellow, Los Angeles, CA, June 2014 –August 2014
Developed a political giving campaign to recruit small dollar contributors for statewide Charter School Association's 501c4 organization. Created school leader and board member database with 501c3 staff members.

weSPARK Cancer Support Center
Development, Events Coordinator, Los Angeles, CA, June 2009 – August 2013
Collaborated with Program Director and Executive Director to develop proposal budgets, strategize program growth, determine funding priorities, and create evaluation measures for grants. Led the development department to create new fundraising events, engage new and existing donors, and build a stronger data infrastructure. Supervised event staff member, student interns, and event volunteers, serving to build leadership of staff and volunteers through targeted learnings, shadowing, and mentorship. Implemented communication plan, including the re-design and reach of the quarterly newsletter, social media expansion, and direct outreach at local events.

Notable Accomplishments:
- Expanded and directed fundraising, increasing annual event revenues from $80K to $300K.
- Worked directly with board member to start first Run/Walk event for organization. Over 4 years of leading the event planning, increased attendance of event from 300 to over 3,000 participants, increased revenue from $40,000 to over $100,000, managed over 100 volunteers, and established new relationships with sponsors, vendors, and community organizations.
- In collaboration with Program Director, initiated partnership with statewide organization and secured grant funding for the organization's first in-person young adult cancer support group.

- Established recurring gift program, analyzing donor database to create optimal return on appeal asks and raising over $20,000 in the first year of the program.
- Over the course of 4 years, was promoted three times from intern to assistant to coordinator of development department, serving as the lead staff member for events, grants, and communication.

EDUCATION

Evans School of Public Policy & Governance, University of Washington, Seattle, WA, March 2015
Master of Public Administration (MPA), Nonprofit Management Certificate
Relevant Coursework: Strategic Planning, Budgeting & Finance, Philanthropy and Society, Program Evaluation
Activities: Senior Editor, *Evans School Review*; Leadership Team, *Partnership for Community & Diversity*
Class Project Clients: Thrive WA, Arboretum Foundation, Entre Hermanos

Occidental College, Los Angeles, CA, May 2008
Bachelor of Arts, English and Comparative Literary Studies
Activities: News Editor, *Occidental Weekly*; Organizer, *Student Labor Action Coalition*

Universität des Saarlandes, Saarbrucken, Germany, September 2006-August 2007

AWARDS, BOARD SERVICE, ACTIVITIES

Emerging Practitioners in Philanthropy (EPIP), *Steering Committee Member*, January 2019 - Present
Fundraising Consultant, *State Representative Campaign*, September 2018 – December 2018
Social Ventures Partner (SVP), *Partner*, June 2017 – Present
Mari's Place, *Board Member*, July 2016 – Present
YNPN Seattle (Young Nonprofit Professionals Network - Seattle Chapter), *Board Member/Membership Chair*, July 2018 – Present
Association of Fundraising Professionals - AFP Advancement Northwest, *Member*, February 2018 - Present
Hispanics in Philanthropy, *Next Generation Leadership Fellow*, March 2017 – September 2017
Evans School of Public Affairs, *Civic Engagement for the 21st Century Endowed Fellowship,* (2013 – 2015)
Foster School of Business, Global Social Entrepreneurship Competition (GSEC), *Semi-finalist* (2014)
Evans School Partnership for Community & Diversity Student Interest Group, *Leadership Team Member* (2015)
University of Washington Board Fellows Program, *Page Ahead Non-Voting Board Member,* January –May 2015

LANGUAGE AND SKILLS

- Spanish: fluent (reading, speaking)
- Proficient in Google Tools, Microsoft Office, Nationbuilder, Salesforce, Donor Perfect, Constant Contact, WordPress, and SPSS

Ex. 6 Personal Privacy (PP)
Yakima, WA • Ex. 6 Personal Privacy (PP)@latinocommunityfund.org • Ex. 6 - Personal Privacy (PP)

SUMMARY

Community Organizer with deep relationships in community work. Experience leading community work to bring resources to local communities in Central WA, developing long-last partnership with community groups and leaders, and creating long-term systems change for communities in WA State.

EXPERIENCE

Latino Community Fund of WA State

Statewide Manager of Civic Engagement & Advocacy, Yakima, WA, 2020 – present

Lead community organizing to build community power in Central WA and across WA State. Manage team to reach collective goals and bring resources to community members.

Notable Accomplishments:

- Co-facilitated Wildfire Resilience Trainings and supported in Outreach
- Led outreach and community engagement at health fairs, vaccine clinics, helped with the distribution of Covid response services like rental & utility assistance, PPE, food
- Raised and distributed over $1 million in Covid Response Funds
- Received Hero's Award from Yakima Health Department

Yakima Pride

Founder & President, Yakima, WA, 2018 – present

President of Board of Yakima Pride, A non-profit organization based in Yakima, Washington, committed to supporting the needs of the LGBTQ+ community and its allies.

Notable Accomplishments:

- Led planning and organizing of annual Yakima Pride Fest, bringing together 1100+ attendees

La Potra Promotions

Owner/Promoter, Yakima, WA, 2014 – present

Founded promotion company, leading planning, promotion, DJ work for community events with attendance of over 5,000+

QLaw

Board Member, Yakima, WA, 2020 - 2022

Board Member of QLaw Association, an association of LGBTQ+ legal professionals and their friends. Serving as a voice of LGBTQ+ lawyers and other legal professionals in the State of Washington on issues relating to diversity and equality in the legal profession, in the courts, and under the law.

Washington State LULAC

Former Director of Public Relations, WA, 2020-2021

Lilly Law, PLLC

Family, Immigration, Criminal Law, WA, 2018-2019

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: MAR 22 2007

LATINO COMMUNITY FUND OF
WASHINGTON STATE
C/O PETER BLOCH GARCIA
11038 FREMONT AVE N
SEATTLE, WA 98133

Employer Identification Number:
20-5987399
DLN:
17053009017047
Contact Person:
SALLY B DAVENPORT ID# 31050
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)

Accounting Period Ending:
December 31
Public Charity Status:
170(b)(1)(A)(vi)
Form 990 Required:
Yes
Effective Date of Exemption:
November 9, 2006
Contribution Deductibility:
Yes
Advance Ruling Ending Date:
December 31, 2010

Dear Applicant:

We are pleased to inform you that upon review of your application for tax exempt status we have determined that you are exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code. Contributions to you are deductible under section 170 of the Code. You are also qualified to receive tax deductible bequests, devises, transfers or gifts under section 2055, 2106 or 2522 of the Code. Because this letter could help resolve any questions regarding your exempt status, you should keep it in your permanent records.

Organizations exempt under section 501(c)(3) of the Code are further classified as either public charities or private foundations. During your advance ruling period, you will be treated as a public charity. Your advance ruling period begins with the effective date of your exemption and ends with advance ruling ending date shown in the heading of the letter.

Shortly before the end of your advance ruling period, we will send you Form 8734, Support Schedule for Advance Ruling Period. You will have 90 days after the end of your advance ruling period to return the completed form. We will then notify you, in writing, about your public charity status.

Please see enclosed Information for Exempt Organizations Under Section 501(c)(3) for some helpful information about your responsibilities as an exempt organization.

If you distribute funds to other organizations, your records must show whether they are exempt under section 501(c)(3). In cases where the recipient organization is not exempt under section 501(c)(3), you must have evidence the

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LATINO COMMUNITY FUND OF

funds will be used for section 501(c)(3) purposes.

If you distribute funds to individuals, you should keep case histories showing the recipient's name and address; the purpose of the award; the manner of selection; and the relationship of the recipient to any of your officers, directors, trustees, members, or major contributors.

Sincerely,

Lois G. Lerner
Director, Exempt Organizations
Rulings and Agreements

Enclosures: Information for Organizations Exempt Under Section 501(c)(3)
Statute Extension

Letter 1045 (DO/CG)

LATINO COMMUNITY FUND OF

INFORMATION FOR ORGANIZATIONS EXEMPT UNDER SECTION 501(c)(3)

WHERE TO GET FORMS AND HELP

You can obtain forms and instructions by calling toll free 1-800-829-3676, through the Internet Web Site at www.irs.gov, and at local tax assistance centers.

You can obtain additional information about most topics discussed below through our customer service function by calling toll free 1-877-829-5500, or on our Web Site at www.irs.gov/eo. In addition, you should sign up for Exempt Organization's EO Update, a regular e-mail newsletter that highlights new information posted on the charities pages of irs.gov. To subscribe, go to www.irs.gov/eo and click on "EO Newsletter."

NOTIFY US ON THESE MATTERS

If you change your name, address, purposes, operations or sources of financial support, please inform our TE/GE EO Determinations Office at the following address: Internal Revenue Service, P.O. Box 2508, Cincinnati, Ohio 45201. If you amend your organizational document or by-laws, or dissolve, provide the EO Determinations Office with a copy of the amended documents. Please use your employer identification number on all returns you file and in all correspondence with the Internal Revenue Service.

FILING REQUIREMENTS

In your exemption letter, we indicated whether you must file Form 990, Return of Organization Exempt From Income Tax. If your exemption letter states that you are not required to file Form 990, you are exempt from these requirements. Otherwise, if your gross receipts are normally more than $25,000, you must file Form 990 or Form 990-EZ with the Ogden Submission Processing Center, Ogden, UT 84201-0027.

You are eligible to file Form 990-EZ if your gross receipts are normally between $25,000 and $100,000, and your total assets are less than $250,000. You must file the complete Form 990 if your gross receipts are over $100,000, or your total assets are over $250,000. The Form 990 instructions show how to compute your "normal" receipts.

Form 990 Schedule A is required for both Form 990 and Form 990-EZ.

Organizations With Gross Receipts of $25,000 or Less

For tax periods beginning after December 31, 2006, you must file an annual electronic notice if your gross receipts are normally $25,000 or less. Alternatively, you may file a complete Form 990 Package if we send one to you.

Exception: Section 509(a)(3) supporting organizations must file Form 990 or

Form 990-EZ even if gross receipts are normally $25,000 or less. However, supporting organizations of religious groups with gross receipts that are normally $5,000 or less may file an annual electronic notice instead of Form 990 or Form 990-EZ.

Due Date of Return or Annual Electronic Notice

Your return or annual electronic notice is due by the 15th day of the fifth month after the end of your annual accounting period. There are penalties for failing to file a complete return timely. For additional information on penalties, see the Form 990 instructions or call our toll free number.

Revocation of Tax-Exempt Status

For tax periods beginning after December 31, 2006, your tax-exempt status will be revoked as of the filing due date of the third year if you fail to file for three consecutive years Form 990, Form 990-EZ, or the annual electronic notice.

If your tax-exempt status is revoked because you failed to file for three consecutive years, you must reapply for exemption and pay the appropriate user fee.

UNRELATED BUSINESS INCOME TAX RETURN

If you receive more than $1,000 annually in gross receipts from a regular trade or business, you may be subject to Unrelated Business Income Tax and required to file Form 990-T, Exempt Organization Business Income Tax Return. There are several exceptions to this tax:

1. Income you receive from the performance of your exempt activity,
2. Income from fundraisers conducted by volunteer workers, or where donated merchandise is sold, and

3. Income from routine investments such as certificates of deposit, savings accounts, or stock dividends.

There are special rules for income derived from real estate or other investments purchased with borrowed funds. This income is called "debt financed" income. For additional information regarding unrelated business income tax, see Publication 598, Tax on Unrelated Business Income of Exempt Organizations, or call our toll free number shown above.

PUBLIC INSPECTION OF APPLICATION AND INFORMATION RETURN

You are required to make your annual information return, Form 990 or Form 990-EZ, available for public inspection for three years after the later of the due date of the return, or the date the return is filed. This rule also applies to any Form 990-T filed after August 17, 2006. You are also required to make available for public inspection your exemption application, any supporting documents, and your exemption letter. You must also provide copies

of these documents to any individual, upon written or in person request, without charge other than reasonable fees for copying and postage.

You may fulfill this requirement by placing these documents on the Internet. Penalties may be imposed for failure to comply with these requirements. Additional information is available in Publication 557, Tax-Exempt Status for Your Organization, or call our toll free number shown above.

FUNDRAISING

Contributions to you are deductible only to the extent that they are gifts and no consideration is received in return. Depending on the circumstances, ticket purchases and similar payments in conjunction with fundraising events may not qualify as fully deductible contributions.

CONTRIBUTIONS OF $250 OR MORE

Donors must have written substantiation from the charity for any charitable contribution of $250 or more. Although it is the donor's responsibility to obtain written substantiation from the charity, you can assist donors by providing a written statement listing any cash contribution or describing any donated property.

This written statement must be provided at the time of the contribution. There is no prescribed format for the written statement. Letters, postcards and electronic (e-mail) or computer-generated forms are acceptable.

The donor is responsible for the valuation of donated property. However, your written statement must provide a sufficient description to support the donor's contribution.

For contributions of cash, a check or other monetary gift made on or after January 1, 2007, a donor cannot claim a tax deduction unless the donor maintains a record of the contribution in the form of either a bank record (such as a cancelled check) or a written communication from the charity (such as a receipt or letter) showing the name of the charity, the date of the contribution, and the amount of the contribution.

For additional information regarding donor substantiation, see Publication 1771, Charitable Contributions - Substantiation and Disclosure Requirements. For information about the valuation of donated property, see Publication 561, Determining the Value of Donated Property.

CONTRIBUTIONS OF MORE THAN $75 AND CHARITY PROVIDES GOODS OR SERVICES

You must provide a written disclosure statement to donors who receive goods or services from you in exchange for contributions in excess of $75.

Contribution deductions are allowable to donors only to the extent their contributions exceed the value of the goods or services received in exchange.

Ticket purchases and similar payments in conjunction with fundraising events may not necessarily qualify as fully deductible contributions, depending on the circumstances. If you conduct fundraising events such as benefit dinners, shows, membership drives, etc., where something of value is received, you are required to provide a written statement informing donors of the fair market value of the specific items or services you provided in exchange for contributions of more than $75.

You should provide the written disclosure statement in advance of any event, determine the fair market value of any benefit received, determine the amount of the contribution that is deductible, and state this information in your fundraising materials such as solicitations, tickets, and receipts. The amount of the contribution that is deductible is limited to the excess of any money (and the value of any property other than money) contributed by the donor less the value of goods or services provided by the charity. Your disclosure statement should be made, no later than, at the time payment is received. Subject to certain exceptions, your disclosure responsibility applies to any fundraising circumstances where each complete payment, including the contribution portion, exceeds $75. For additional information, see Publication 1771 and Publication 526, Charitable Contributions.

EXCESS BENEFIT TRANSACTIONS

Excess benefit transactions are governed by section 4958 of the Code. Excess benefit transactions involve situations where a section 501(c)(3) organization provides an unreasonable benefit to a person who is in a position to exercise substantial influence over the organization's affairs. If you believe there may be an excess benefit transaction in which you are involved, you should report the transaction on Form 990 or 990-EZ. For information on how to correct and report this transaction, see the instructions for Form 990 and Form 990-EZ, or call our toll free number shown above.

EMPLOYMENT TAXES

If you have employees, you are subject to income tax withholding and the social security taxes imposed under the Federal Insurance Contribution Act (FICA). You are required to withhold Federal income tax from your employee's wages and you are required to pay FICA on each employee who is paid more than $100 in wages during a calendar year. To know how much income tax to withhold, you should have a Form W-4, Employee's Withholding Allowance Certificate, on file for each employee. Organizations described in section 501(c)(3) of the Code are not required to pay Federal Unemployment Tax Act (FUTA) tax.

Employment taxes are reported on Form 941, Employer's Quarterly Federal Tax Return. The requirements for withholding, depositing, reporting and paying employment taxes are explained in Circular E, Employer's Tax Guide, (Publication 15), and Employer's Supplemental Tax Guide, (Publication 15-A). These publications explain your tax responsibilities as an employer.

CHURCHES

Churches may employ both ministers and church workers. Employees of churches or church-controlled organizations are subject to income tax withholding, but may be exempt from FICA taxes. Churches are not required to pay FUTA tax. In addition, although ministers are generally common law employees, they are not treated as employees for employment tax purposes. These special employment tax rules for members of the clergy and religious workers are explained in Publication 517, Social Security and Other Information for Members of the Clergy and Religious Workers. Churches should also consult Publications 15 and 15-A. Publication 1828, Tax Guide for Churches and Religious Organizations, also discusses the various benefits and responsibilities of these organizations under Federal tax law.

PUBLIC CHARITY STATUS

Every organization that qualifies for tax-exemption as an organization described in section 501(c)(3) is a private foundation unless it falls into one of the categories specifically excluded from the definition of that term [referred to in section 509(a)(1), (2), (3), or (4)]. In effect, the definition divides these organizations into two classes, namely private foundations and public charities.

The Code section under which you are classified as a public charity is shown in the heading of your exemption letter. This determination is based on the information you provided and the request you made on your Form 1023 application. Please refer to Publication 557 for additional information about public charity status.

GRANTS TO INDIVIDUALS

The following information is provided for organizations that make grants to individuals. If you begin an individual grant program that was not described in your exemption application, please inform us about the program.

Funds you distribute to an individual as a grant must be made on a true charitable basis in furtherance of the purposes for which you are organized. Therefore, you should keep adequate records and case histories that demonstrate that grants to individuals serve your charitable purposes. For example, you should be in a position to substantiate the basis for grants awarded to individuals to relieve poverty or under a scholarship or education loan program. Case histories regarding grants to individuals should show names, addresses, purposes of grants, manner of selection, and relationship (if any) to members, officers, trustees, or donors of funds to you.

For more information on the exclusion of scholarships from income by an individual recipient, see Publication 970, Tax Benefits for Education.

Part X Public Charity Status *(Continued)*

e 509(a)(4)—an organization organized and operated exclusively for testing for public safety. ☐

f 509(a)(1) and 170(b)(1)(A)(iv)—an organization operated for the benefit of a college or university that is owned or operated by a governmental unit. ☐

g 509(a)(1) and 170(b)(1)(A)(vi)—an organization that receives a substantial part of its financial support in the form of contributions from publicly supported organizations, from a governmental unit, or from the general public. ☒

h 509(a)(2)—an organization that normally receives not more than one-third of its financial support from gross **investment income** and receives more than one-third of its financial support from contributions, membership fees, and gross receipts from activities related to its exempt functions (subject to certain exceptions). ☐

i A publicly supported organization, but unsure if it is described in 5g or 5h. The organization would like the IRS to decide the correct status. ☐

6 If you checked box g, h, or i in question 5 above, you must request either an **advance** or a **definitive ruling** by selecting one of the boxes below. Refer to the instructions to determine which type of ruling you are eligible to receive.

a **Request for Advance Ruling:** By checking this box and signing the consent, pursuant to section 6501(c)(4) of the Code you request an advance ruling and agree to extend the statute of limitations on the assessment of excise tax under section 4940 of the Code. The tax will apply only if you do not establish public support status at the end of the 5-year advance ruling period. The assessment period will be extended for the 5 advance ruling years to 8 years, 4 months, and 15 days beyond the end of the first year. You have the right to refuse or limit the extension to a mutually agreed-upon period of time or issue(s). Publication 1035, *Extending the Tax Assessment Period,* provides a more detailed explanation of your rights and the consequences of the choices you make. You may obtain Publication 1035 free of charge from the IRS web site at *www.irs.gov* or by calling toll-free 1-800-829-3676. Signing this consent will not deprive you of any appeal rights to which you would otherwise be entitled. If you decide not to extend the statute of limitations, you are not eligible for an advance ruling. ☒

Consent Fixing Period of Limitations Upon Assessment of Tax Under Section 4940 of the Internal Revenue Code

For Organization

(Signature of Officer, Director, Trustee, or other authorized official)

Peter Block Garcia 3-16-07

(Type or print name of signer) (Date)

Board President

(Type or print title or authority of signer)

For IRS Use Only

MAR 22 2007

IRS Director, Exempt Organizations (Date)

b **Request for Definitive Ruling:** Check this box if you have completed one tax year of at least 8 full months and you are requesting a definitive ruling. To confirm your public support status, answer line 6b(i) if you checked box g in line 5 above. Answer line 6b(ii) if you checked box h in line 5 above. If you checked box i in line 5 above, answer both lines 6b(i) and (ii). ☐

(i) (a) Enter 2% of line 8, column (e) on Part IX-A. Statement of Revenues and Expenses. _____

(b) Attach a list showing the name and amount contributed by each person, company, or organization whose gifts totaled more than the 2% amount. If the answer is "None," check this box. ☐

(ii) (a) For each year amounts are included on lines 1, 2, and 9 of Part IX-A. Statement of Revenues and Expenses, attach a list showing the name of and amount received from each **disqualified person.** If the answer is "None," check this box. ☐

(b) For each year amounts are included on line 9 of Part IX-A. Statement of Revenues and Expenses, attach a list showing the name of and amount received from each payer, other than a disqualified person, whose payments were more than the larger of (1) 1% of line 10, Part IX-A. Statement of Revenues and Expenses, or (2) $5,000. If the answer is "None," check this box. ☐

7 Did you receive any unusual grants during any of the years shown on Part IX-A. Statement of Revenues and Expenses? If "Yes," attach a list including the name of the contributor, the date and amount of the grant, a brief description of the grant, and explain why it is unusual. ☐ **Yes** ☐ **No**

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Mother Africa

Address: 1209 Central Ave S, Suite 120, Kent, WA 98032

City: Kent

State: WA: Washington Zip Code: 98032-7436

B. Unique Entity Identifier (UEI): NM4CC29SJLY7

C. Applicant/Recipient Point of Contact

Name: Risho Sapano

Phone: 2532498811

Email: risho@motherafrica.org

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None.

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None.

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

None.

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95) ☒ Yes ☐ No

a. Do the methods of notice accommodate those with impaired vision or hearing? ☒ Yes ☐ No

b. Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications? ☒ Yes ☐ No

c. Does the notice identify a designated civil rights coordinator? ☒ Yes ☐ No

VIII. Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a)) ☒ Yes ☐ No

IX. Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974)) ☒ Yes ☐ No

X. If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.

Angela Brooks, HR Manager, 1209 Central Ave S Ste 120 Kent WA 98032, hr@motherafrica.org, Ex. 6 Personal Privacy (PP) x [redacted]

XI. If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.

Mother Africa is an Equal Opportunity Employer. Applications are considered without regard to race, age, sex, color, creed, religion, disability, national origin, marital status, mental or physical handicap, sexual orientation (heterosexuality, homosexuality, bisexuality) and expression of gender identity or any other classification protected by law.

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Risho Sapano	Executive Director	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Ms. First Name: Risho Middle Name:
Last Name: Sapano Suffix:
Title: Executive Director

Complete Address:

Street1: 12909 Central Ave S
Street2: Suite 120
City: Kent State: WA: Washington
Zip / Postal Code: 98032 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**
E-mail Address: risho@motherafrica.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: First Name: Risho Middle Name:
Last Name: Sapano Suffix:
Title: Executive Director

Complete Address:

Street1: 1209 Central Ave S
Street2: Suite 120
City: Kent State: WA: Washington
Zip / Postal Code: 98032 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**
E-mail Address: risho@motherafrica.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: First Name: Colleen Middle Name:
Last Name: Alabi Suffix:
Title: Deputy Director

Complete Address:

Street1: 1209 Central Ave S
Street2: Suite 120
City: Kent State: WA: Washington
Zip / Postal Code: 98032 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**
E-mail Address: colleen@motherafrica.org

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** | **First Name:** Kholoud | **Middle Name:**

Last Name: Naser Aldeen | **Suffix:**

Title: Program Manager

Complete Address:

Street1: 1209 Central Ave S, Suite 120, Kent, WA 98032

Street2:

City: Kent | **State:** WA: Washington

Zip / Postal Code: 98032 | **Country:** USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**

E-mail Address: kholoud@motherafrica.org

EPA Form 5700-54 (Rev 4-02)

6g1oJteo3IkNY2k+TrXQCQT6mCY=

Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Mother Africa

Application
New
2023-04-14
Community Based Organization
Mother Africa
46-1793603
NM4CC29SJLY7
1209 Central Ave S
Suite 120
Kent
King
WA: Washington
98032-7436
USA: UNITED STATES

Environmental Justice
Risho
Sapano

Executive Director
Mother Africa
Ex. 6 Personal Privacy (PP)
risho@motherafrica.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
1234-Areas Affected by the project.pdf

application/pdf
BmuPW3gV6DPYA9JeJ5nbadmWA3k=

Mother Africa Safer Healthy Homes
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2023-11-01
2026-11-01
500000.00
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600000.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Risho
Sapano

Executive Director
EX. 6 - Personal Privacy (PP)
risho@motherafrica.org
Risho Sapano
2023-04-14

Mother Africa
1209 Central Ave S, Suite 120, Kent, WA 98032
Kent
WA: Washington
98032-7436

NM4CC29SJLY7
Risho Sapano
Ex. 6 Personal Privacy (PP)
risho@motherafrica.org
Executive Director
N: No
None.
None.
None.
N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Angela Brooks, HR Manager, 1209 Central Ave S Ste 120 Kent WA 98032, hr@motherafrica.org, 425-248-4978 x 3027
Mother Africa is an Equal Opportunity Employer. Applications are considered without regard to race, age, sex, color, creed, religion, disability, national origin, marital status, mental or physical handicap, sexual orientation (heterosexuality, homosexuality, bisexuality) and expression of gender identity or any other

classification protected by law.

Risho Sapano
Executive Director
2023-04-14

Ms.
Risho
Sapano

Executive Director
12909 Central Ave S
Suite 120
Kent
WA: Washington
98032
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
risho@motherafrica.org

Risho
Sapano

Executive Director
1209 Central Ave S
Suite 120
Kent
WA: Washington
98032
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
risho@motherafrica.org

Colleen
Alabi

Deputy Director
1209 Central Ave S
Suite 120
Kent
WA: Washington
98032
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
colleen@motherafrica.org

Kholoud
Naser Aldeen

Program Manager
1209 Central Ave S, Suite 120, Kent, WA 98032

Kent
WA: Washington
98032
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
kholoud@motherafrica.org

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This is our first time using this budget form. Details are all explained in our detailed budget w narrative in our budget attachment.

1235-Mother Africa EPA EJCPS Work Plan Guide.pdf
application/pdf
pGoSEBUBglZMpePg5egJk/bS9qQ=

1236-Mother Africa Safer Healthy Homes EPA EJCPS Logic Model.pdf
application/pdf
nBXSqHHiq2bTLAdQmi0Xyqv9DC8=

1237-MA 501c3 Designation Letter.PDF
application/pdf
fmbVwn+UjjEl8iVUSawK9O16QcU=

1238-Mother Africa, EPA EJCPS Letter of Committment ECOS 041323.pdf
application/pdf
bmCFwvSofkM+4W7PhEfFzdAkVoE=

1239-Mother Africa, EPA EJCPS Letter of Commitment_KC OEM.pdf
application/pdf
0+uT2udpjGytq7s0+/nzIwEwENs=

1240-Mother Africa, EPA EJCPS LOC PSCAA_April13.pdf
application/pdf
vVMyU68DLM675rx20fizUlqS7g4=

1241-Mother Africa, EPA EJCPS Letter of Commitment_DNRP.pdf
application/pdf
Q7OEhZqDm4krzFdysxxzAg06GeE=

1242-Kholoud Naser Aldeen CV 2023.pdf

application/pdf
C0l1b0s1huHV0Q+8kY/OrDD6zSs=

1243-Colleen Alabi Resume 2023.pdf
application/pdf
3rMlTYlvsBrT8KKy/o2UcupcpdQ=

1244-Risho Sapano Resume 2023 .pdf
application/pdf
sjyc9x23lDKuh8vQv5aGyPeZgTk=

1245-Mother Africa EPA EJCPS Detail Budget 2023-2026 .xlsx
application/vnd.openxmlformats-officedocument.spreadsheetml.sheet
19PgCy1MbTfZNiS40B/7+Qdxb6k=

6g1oJteo3IkNY2k+TrXQCQT6mCY=
2023-04-14T23:19:25.000-04:00
Risho Sapano
GRANT13862079

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier: Community Based Organization

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Mother Africa

* b. Employer/Taxpayer Identification Number (EIN/TIN): 46-1793603

* c. UEI: NM4CC29SJLY7

d. Address:

* Street1: 1209 Central Ave S
Street2: Suite 120
* City: Ex. 6 Personal Privacy (PP)
County/Parish: King
* State: Ex. 6 Personal Privacy (PP)
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 98032-7436

e. Organizational Unit:

Department Name: Environmental Justice

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Risho
Middle Name:
* Last Name: Sapano
Suffix:

Title: Executive Director

Organizational Affiliation: Mother Africa

* Telephone Number: Ex. 6 Personal Privacy (PP)
Fax Number:

* Email: risho@motherafrica.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

1234-Areas Affected by the project.pdf | Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Mother Africa Safer Healthy Homes

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: 9 | * b. Program/Project: 9

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 | * b. End Date: 11/01/2026

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	100,000.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	600,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: | * First Name: Risho

Middle Name:

* Last Name: Sapano

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 - Personal Privacy (PP) | Fax Number:

* Email: risho@motherafrica.org

* Signature of Authorized Representative: Risho Sapano | * Date Signed: 04/14/2023

April 13, 2023

Jacob Burney
U.S. Environmental Protection Agency
Office of Environmental Justice
1200 Pennsylvania Avenue NW
Washington, DC 20460

RE: Letter of Commitment for Mother Africa's EPA Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Project

Dear Mr. Burney,

ECOS is pleased to partner with Mother Africa for the U.S. EPA EJCPS project. This project aims to develop a culturally relevant, multilingual climate resilience and healthy homes assessment program for immigrant and refugee communities in King County, Washington. It will enhance connections between frontline communities and current knowledge, resources, and decision-making spaces in climate action and preparedness, as well as allow Mother Africa to build connections with stakeholders such as industry and government to better meet these goals.

ECOS' mission is to protect the health and wellness of people, pets and the planet by creating the most authentic, sustainable and affordable cleaning products for all. We have made environmental justice a cornerstone of our mission and offer Safer Choice-certified cleaning products that are available nationwide at an affordable price point.

We believe that everyone has a right to safer and healthier home and that it's important to reach out to underserved communities to ensure they have access to green cleaning products. That's why ECOS is contributing cleaning products for 350 Safer Choice cleaning kits with a market value of $5,3050.

We are proud to support Mother Africa in this EJCPS project and in their work to reduce exposure of under-resourced and marginalized communities to the harms from toxic chemicals. If I can be of any further assistance or provide you with any additional information, please do not hesitate to contact me at directly at Ex. 6 - Personal Privacy (PP) or Ex. 6 - Personal Privacy (PP)

Yours sincerely,

Kelly Vlahakis-Hanks
President & CEO
ECOS

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: APR 18 2016

MOTHER AFRICA
C/O PERKINS COIE LLP
ANDREA W TEMPLETON
1201 THIRD AVE SUITE 4900
SEATTLE, WA 98101

Employer Identification Number:
46-1793603
DLN:
17053069301016
Contact Person:
JOSEPH LAUX ID# 31077
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)
Accounting Period Ending:
December 31
Public Charity Status:
170(b)(1)(A)(vi)
Form 990/990-EZ/990-N Required:
Yes
Effective Date of Exemption:
February 26, 2016
Contribution Deductibility:
Yes
Addendum Applies:
No

Dear Applicant:

We're pleased to tell you we determined you're exempt from federal income tax under Internal Revenue Code (IRC) Section 501(c)(3). Donors can deduct contributions they make to you under IRC Section 170. You're also qualified to receive tax deductible bequests, devises, transfers or gifts under Section 2055, 2106, or 2522. This letter could help resolve questions on your exempt status. Please keep it for your records.

Organizations exempt under IRC Section 501(c)(3) are further classified as either public charities or private foundations. We determined you're a public charity under the IRC Section listed at the top of this letter.

Based on the information you submitted with your application, we approved your request for reinstatement under Revenue Procedure 2014-11. Your effective date of exemption, as listed at the top of this letter, is the postmark date of your application.

If we indicated at the top of this letter that you're required to file Form 990/990-EZ/990-N, our records show you're required to file an annual information return (Form 990 or Form 990-EZ) or electronic notice (Form 990-N, the e-Postcard). If you don't file a required return or notice for three consecutive years, your exempt status will be automatically revoked.

If we indicated at the top of this letter that an addendum applies, the enclosed addendum is an integral part of this letter.

For important information about your responsibilities as a tax-exempt organization, go to www.irs.gov/charities. Enter "4221-PC" in the search bar

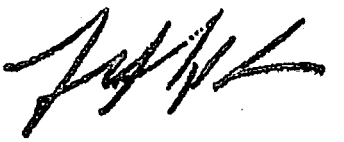
Letter 947

MOTHER AFRICA

to view Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, which describes your recordkeeping, reporting, and disclosure requirements.

We sent a copy of this letter to your representative as indicated in your power of attorney.

Sincerely,



Jeffrey I. Cooper
Director, Exempt Organizations
Rulings and Agreements

Letter 947

King County
Emergency Management
3511 Northeast Second Street
Renton, WA 98056
Ex. 6 - Personal Privacy (PP) TTY Relay: [redacted]
www.kingcounty.gov/ready

April 12, 2023

Jacob Burney
Director, Grants Management Division
Office of Environmental Justice
United States Environmental Protection Agency
1200 Pennsylvania Avenue NW
Washington, DC 20460

RE: Letter of Commitment for Mother Africa's EPA Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Project

Dear Mr. Burney,

King County Emergency Management is pleased to partner with Mother Africa for the EPA EJCPS Cooperative Agreement Project, which aims to address emergency preparedness and health impact assessments in priority populations. This would be accomplished through building the capacity of a trusted, community-based organizational partner to establish a culturally contextualized, multi-language emergency preparedness campaign. The partnership will enhance connections between focus communities and deepen community capacity to engage on climate and emergency preparedness.

The mission of King County Emergency Management is to provide regional leadership to strengthen community resilience and access to emergency services for the whole community. We provide for the effective direction, control, and coordination of County government services functional units; provide liaison with other governments and the private, non-governmental sector; and, serve as the coordinating entity for cities, County departments, and other appropriate agencies, prior to, during, and after incidents and events of regional significance. This is done in support of the King County Executive's Vision of King County as a welcoming place where everyone has the opportunity to thrive.

To further our commitment to a whole community approach to emergency management, we maintain a robust preparedness and public education program. Our office, in partnership with community-based organizations, has developed an extensive outreach plan and corresponding curriculum that would make an ideal foundation for key components of the EJCPS project. Our intent is to partner with project leads and local subject matter experts to tailor our resources to best fit the needs of the given community. We feel this would address potential gaps in response plans, enhance the health of our community, and ensure we are serving our constituents to be best of our ability.

Thank you for considering our comments on and commitment for Mother Africa's EPA Environmental Justice Collaborative Problem-Solving Cooperative Agreement Project. Should you have any questions, please feel free to contact Susanna Trimarco at strimarco@kingcounty.gov or Ex. 6 - Personal Privacy (PP)

Sincerely,

Brendan McCluskey, JD, MPA, CEM, CBCP
Director

cc: A. Kaplan, Deputy Director
N. Gibbons, Senior Manager for Regional Integration

PUGET SOUND
Clean Air Agency

1904 3rd Ave #105
Seattle, WA 98101

Ex. 6 Personal Privacy (PP)

pscleanair.gov

Board of Directors

Bremerton
Greg Wheeler
Mayor

Everett
Cassie Franklin
Mayor

King County
Dow Constantine
Executive

Kitsap County
Katie Walters
Commissioner

Pierce County
Bruce Dammeier
Executive

Public-at-Large
Emily Pinckney

Seattle
Bruce Harrell
Mayor

Snohomish County
Megan Dunn
Board Chair

Tacoma
Joe Bushnell
Councilmember

Executive Director
Christine Cooley

April 14, 2023

Jacob Burney
US Environmental Protection Agency
Office of Environmental Justice
1200 Pennsylvania Avenue, NW
Washington, DC 20460

RE: Letter of Commitment for Mother Africa's EPA Environmental Justice Collaborative Problem-Solving (EJCPS) Project

Dear Mr. Burney:

As the air quality regulatory body for over four million people in King, Kitsap, Pierce, and Snohomish Counties, the Puget Sound Clean Air Agency preserves, protects, and enhances air quality and public health, enforces the Clean Air Act, supports policies that reduce climate change, and partners with communities to do this work equitably.

The Agency is pleased to collaborate with Mother Africa on the proposed EPA EJCPS project. We understand the project will focus on multi-ethnic communities that are disproportionately impacted by environmental injustices. This project aims to develop a culturally relevant, multilingual climate resilience and healthy homes assessment program for immigrant and refugee communities in King County, Washington. This project will enhance connections between frontline communities and current knowledge, resources, and decision-making spaces in climate action and preparedness, as well as allow Mother Africa to build connections with stakeholders such as industry and government to better meet these goals.

As part of our mission, we work with communities that have historically faced disproportionate impacts in air quality and socioeconomic factors. We have our own environmental justice and air quality mapping tool, which preceded state and national tools, that we use to guide our work. Using that tool, we identified four overburdened

communities, areas that have the greatest impact from air pollution. These locations are the Chinatown-International District, Duwamish Valley, Auburn, and Lakewood. The first three areas are in King County and overlap with communities this project will target. Over the last nine years, we've built relationships and provided air quality information and exposure reduction resources in these communities.

The health impacts from wildfire smoke are not borne equally – children, elders, and people with pre-existing health conditions face greater risk. Because the air quality burden in our overburdened communities is already higher than other areas, it is especially important that community members have access to air pollution and climate resilience education and resources. Our experience providing educational workshops and sharing air quality data indicate that we are well positioned to share our knowledge on how to successfully execute trainings and educational workshops.

Specifically, we commit to:

- Promoting the group education events to our community partners as needed.
- Sharing our knowledge and resources on air quality (including wildfire smoke and wood smoke), health impacts, climate impacts, exposure reduction techniques (ex. how to construct filter-fans), and environmental justice.
- Sharing our technical expertise around air quality data and educational programming.
- Having our air quality scientists and overburdened community engagement staff present at some of the group events.

We appreciate the opportunity to work with Mother Africa and believe that their work is key in the effort to protect public health.

Sincerely,



Christine Cooley
Executive Director
Puget Sound Clean Air Agency

Ex. 6 Personal Privacy (PP)

Address: Ex. 6 Personal Privacy (PP) Kent WA 98042
Mobile: Ex. 6 - Personal Privacy (PP)
Email: Ex. 6 - Personal Privacy (PP)

Personal Summary

I am an authentic, passionate, problem solving and goal-oriented leader, my experience lays on managing various aspects of programs from beginning to end with details that includes constantly supervising staff from different backgrounds, working on budgeting and make sure that everything is in the right track, support supervisee with their tasks . Specialize in planning, monitoring, appraisal evaluation, and reviewing job contributions and making any changes necessary to increase productivity.

Employment History

April 2019 – present

Company: Mother Africa

Position: Program & Operation Manager

Job description

- Responsible for the understanding of the program design for each of the programs I supervise, including the expected deliverables, timelines, and budget.
- Track program deliverables to ensure effective progress and outcomes are met.
- Meet weekly with each of your Supervisees to provide 1 on 1 supervision support of their program work.
- Provide coaching and feedback on areas supervisees are exceling and areas for growth.
- Meet bi-weekly with the Deputy Director to create continued alignment between organization vision and program implementation.
- Attend funder meetings and community meetings as needed.
- Attend program events to support staff.
- Play an active role in program evaluation for each program, collecting data and analyzing to see whether we are on track to meet metrics.
- Report any barriers or challenges in program delivery to the Directors, participate in creative problem solving.
- Draft monthly, quarterly and/or end of program reports for funders.
- Make purchases for the organization based on approved program and operations budgets, with oversight from the Deputy Director.
- Call for and run the monthly staff meeting.
- Perform annual performance evaluations for each of your supervisees.
- Ensure that all agency policies and procedures are carried out by all supervisees.
- Conduct client initial screening, assessment tools, intake interview, determine eligibility and enrolling clients.
- Provide case management services to clients; serve as an advocate on behalf of clients in need of resources and other support.
- Maintains office efficiency by overseeing office systems: organize and manage files; maintain documents, make recommendations for streamlining systems for efficiency.
- Supervise operations staff including administrative team.
- Draft and implement office policies by setting up procedures and standards to guide the operation of the office.
- Oversee procurement of all office supplies monthly.
- Procurement of all IT hardware and software and ensuring employee compliance.

April 2018 – April 2019

Company: Mother Africa

Position: Community Support Specialist

Job Description

- Conduct client initial screening, assessment tools, intake interview, determine eligibility and enrolling clients.
- Provide case management services to clients; serve as an advocate on behalf of clients in need of resources and other support.
- Coordinate support groups to connect women who are victim of domestic violence with professional facilitator.
- Act as liaison between clients and landlords in matters relating to apartment such as lease, W9 form and welcoming letters to stabilize the family housing situation.
- Make referrals and connect clients to appropriate providers and resources to reduce barriers in order for them to be ready for employment.

- Communicate with property manager regarding move in schedule and conduct unit inspect.
- Outreach to different cities to networking with other services providers to ensure client's needs are met.
- Complete and submit quarterly data and narrative reports to supervisor.
- Attend, participate and contribute to program team building by attending training and meetings.
- Maintains clients' records by reviewing case notes; logging events and progress.

May 2017 – Sep 2017

Company: Living Well Kent Collaborative - Kent, Washington

Position: Farmer`s Market Coordinator/ Administrative (Volunteer)

Job Description

- Coordinate the operations of the Farmer's Market.
- Interact with vendors, consumers, city officials and the media.
- Responsible for the collection of participation fees.
- Supervise volunteers and/or seasonal workers.
- Coordinate reservations, scheduling, monitoring and organizing market functions.
- Meets budget by monitoring expenses; implementing cost-saving actions.
- Prepares reports by collecting, analyzing, and summarizing the function of the Market
- Set up signs and barricades, tables and chairs and other related components.
- Supervise and help they youth volunteers to clean the market area, empty trash barrels, pick up litter and landscape as needed.

September 2013 – March 2017

Company: Lincoln University College - Pateling Jaya, Malaysia

Position: Head of English Language Department/ English Language Lecturer

Job Description

- Design and develop English Master program called (Master of Art in Teaching English as a Second Language (MATESL).
- Supervise the Educational operation with an additional concentration on teaching English Language as a major target.
- Prepare the departmental yearly academic calendar.
- Prepare English Placement Test (EPT) that covers the four English language skills.
- Allocate duties to English Language Center teachers and staff to ensure the smoothness of the teaching process.
- Arrange timetables for several English programs.
- Monitor lecturer`s academic activities such as; preparing students attendance list, course outline and weekly plan, subject materials, exam papers and assessments sheets.
- Encourage collaboration with other departments and academic organizational units as appropriate.
- Prepare a yearly human resource planning report.
- Conduct a monthly departmental meeting to ensure the effectiveness and efficiency of the

Academic Qualifications

MBA-Master of Business Administration (Human Resource Management) University of Ballarat,
Victoria, Australia (Nov 2006 - Apr 2008)

B.A- Bachelor of English Language & Literature
Hebron University, Hebron, Palestine (Oct 1998 – Jul 2002)

Higher Secondary (A Levels)
University Graduates Union Secondary School, Hebron, Palestine (Sep 1997- Jul 1998)

Training and Workshops

- Kent school district interpreter training – March 2019
- Mental health first aid training – Auburn 2019
- WSCADW training – Advocacy for Rookies- Lacey –(27- 28) November 2018
- 2018 DV Symposium: Capitalizing on our Success - Best Practices and the Tools that Get Us There – Seattle university 2018
- Trauma-Informed Care South Seattle college – Seattle – September 25, 2018.
- Recognizing & Responding to Human Trafficking at Work April 14th at St. Francis of Assisi Catholic Church
- Teaching English as a second language -volunteering training Feb 17th ,018) – World Relief - Kent
- Leadership Coop training – living Well Kent (June -21 & 30), (July- 19 & 21) and (Aug -16 & 26)
- Learning Outcomes Seminar and Curriculum Development -Lincoln University College- Nov 2016).

- Attended Motivational Talk Workshop - Linton University College (Feb 2016). The speakers had their great ways to inspire students and helped them to find new ways to improve their academic performances.

Language Skills

Fully fluent in Arabic and English

Personal Interests / Hobbies

Reading, traveling, tennis, and swimming

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) Renton, WA 98056 Tel: Ex. 6 - Personal Privacy (PP) • Email: Ex. 6 - Personal Privacy (PP)

PROFESSIONAL EXPERIENCE

MOTHER AFRICA - KENT, WASHINGTON, USA

Deputy Director (November 2015- current)

- Design programs, projects and initiatives
- Supervise managers and supervisors, provide mentorship
- Design and develop monitoring and evaluation metrics and analysis
- Oversee data analysis and report drafting
- Grant writing, monitoring and management
- Create and manage annual organizational budgets, invoicing, lead for bookkeeper, CPA and annual audit engagement
- Engage with stakeholders including community leaders, service providers and government officials
- Develop internal controls and systems including board recruitment and development, financial policies, governance policies & protocols, communications & social media plans, support 3 year strategic planning process

AUTISM COMPASSION AFRICA – GHANA AND NIGERIA, WEST AFRICA

Co-Founder, Operations Director (June 2016- current)

NGO in Ghana and Nigeria West Africa providing ABA services to children with autism and their families

- Run fundraising and marketing campaigns
- Donor engagement, communications and planning fundraising events
- Bookkeeping, program budget management
- Support on the ground operations and programming

UNIVERSITY OF WASHINGTON

DEPARTMENT OF GLOBAL HEALTH - SEATTLE, WASHINGTON, USA

East Africa Diploma of Tropical Medicine and Hygiene Coordinator (September 2011- June 2014)

- Facilitate communication between 5 partner institutions: University of Washington, Johns Hopkins University, London School of Hygiene and Tropical Medicine, Makerere University (Uganda), Kilimanjaro Christian Medical University (Tanzania).
- Manage budget, coordinate faculty, develop website content
- Conducted quantitative data collection in Uganda and ran data analysis from at 12-week course evaluation, presenting findings to steering committee.

JACKSON SCHOOL OF INTERNATIONAL STUDIES, WILLIAMSWORKS & FOOTWORK, SEATTLE - WASHINGTON, USA

Global Studies Senior Research Fellow (April 2013- June 2013)

- Managed team of undergraduate students to complete research project with Williamsworks, for their client Footwork, a nonprofit working to eliminate neglected tropical diseases
- Identified funding resources available for research and program implementation in Cameroon for the client
- Provided contextual background on health system structural challenges and serving marginalized populations

DEPARTMENT OF GLOBAL HEALTH - SEATTLE, WASHINGTON, USA

Western Regional International Health Conference Coordinator (September 2011- June 2012)

Skilled event coordinator and team manager

- Conducted outreach to local organizations, engaged 20+ to participate in resource fair
- Generated co-sponsorship from 25+ academic and community institutions from the US and Canada.
- Managed planning team of 30 volunteers
- Coordinated 6 topical tracks including 20+ panel presentations and over 60 presenters and moderators
- Managed marketing, website content development and all conference logistics

DINTL - SEATTLE, WASHINGTON, USA

Independent Contractor, Gender Mainstreaming Expert (August 2013- August 2014)

- Research for development contracts with clients such as USAID, UNAIDS and African national governments, utilizing innovative approaches at results oriented development with a focus in gender mainstreaming
- Head of Research for stocktaking of national, regional, multilateral and bilateral thinking on the positioning of HIV and AIDS in the post-2015 development agenda for all 25 UNAIDS West and Central African countries.
- Program design and development for gender mainstreaming online linking and learning platform
- Marketing and social media content development lead

CONSORTIUM OF UNIVERSITIES OF GLOBAL HEALTH, UNIVERSITY OF WASHINGTON - SEATTLE, USA

Global Child Health Educational Module Project Coordinator and Researcher (September 2012- May 2014)

- Worked with author teams from various US academic institutions to develop 14 e-learner global health educational modules for pediatric residents. Provided program coordination expertise
- Contributed content and module design to the Neonatal and Maternal Health Module
- Supervised team of medical student interns

WOMEN IN PROGRESS/GLOBAL MAMAS - GHANA

Qualitative Researcher (June 2012- September 2012)

Three month field placement with nonprofit that offers women business owners in the batik and sewing industries access to international markets via fair trade systems.

- Conducted qualitative research and program evaluation on two different business models for the nonprofit
- Qualitative data analysis supported my MAIS thesis, which focused on women's empowerment and financial independence through entrepreneurship

NATIONAL YOUTH LEADERSHIP FORUM- NATIONAL SECURITY, WASHINGTON, DC, USA

Faculty Adviser (February- April 2008, January- March 2009)

- Lead diplomacy conferences for high-achieving high school students. Providing leadership for student experience including site visits, speaking events, and career guidance.
- Facilitated intense foreign policy simulation on the conflict in the Great Lakes Region of Africa. Taught classroom sessions, 30 students per session.

INTERNSHIPS

INTERNATIONAL RESCUE COMMITTEE, WASHINGTON, DC, USA

Intern (January 2010- July 2010)

- Supporting refugee clients through resettlement process. Accompanying clients to health screenings, youth vaccinations, school enrollments, ESL enrollment, and Social Security appointments.
- Facilitating education for language skills, banking and healthcare system.

MANAGEMENT SYSTEMS INTERNATIONAL - WASHINGTON, DC, USA

Intern, Human Resources and Contracts (March 2009 - May 2009)
Intern, Project Management team (June 2009- September 2009)

- Working in Project Management procedures in International Development and USAID protocol.
- Compiling expense reports, payment requests, Sub Contractor and Grantee deliverable tracking, cost-share reports, travel booking, shipping materials to the field, organizing for conferences.
- Human Resource management.

ADDITIONAL EXPERIENCE/VOLUNTEER SERVICE

CENTERSTONE, NOW BYRD BARR PLACE - SEATTLE, WA USA

Board Member, Governance Committee Chair (September 2013-December 2022)

- Advise on community needs assessments with a focus on immigrant and refugee populations
- Offer cultural competency and sensitivity lens on all new program research and development
- Chair of the governance committee responsible for recruitment, orientation, and due diligence on by-laws

AARTH SERVICES- AFRICAN AMERICANS REACH AND TEACH HEALTH MINISTRY - SEATTLE, WASHINGTON, USA

Volunteer (June 2008 – December 2008)

- Providing health services at community events focusing on immigrant and refugee population outreach and low income family health assistance.
- Offering free blood pressure tests, mammograms, health education and school supplies for families, information on HIV/AIDS prevention and awareness.

UNIVERSITY STUDY ABROAD CONSORTIUM (USAC), LUNEBURG, GERMANY

Assistant to Program Director, University of Luneburg (2006)

- Supporting USAC's Luneburg Program Director, providing administrative assistance and coordinating events.
- Liaising between USAC and European Erasmus (abroad) students, translating correspondence.
- Sending program-wide newsletters of upcoming University, USAC, and community events.

WORLD AFFAIRS COUNCIL - SEATTLE, WASHINGTON, USA

Volunteer (2008-2009, 2003-2004)

- Collaborating with community members to raise awareness of current international issues.
- Meeting with refugees, immigrants and facilitating educational events for high-school students.

EDUCATION

UNIVERSITY OF WASHINGTON, Henry M. Jackson School of International Studies, Seattle, WA
Master of Arts in International Studies, African Studies (2014) **–** Thesis: *Ghanaian Voices: Examining the Causal Relationship Between Entrepreneurship and Women's Empowerment*. High Pass Distinction.

UNIVERSITY OF WASHINGTON, Department of Global Health, Seattle, WA
Certificate in Global Health, (2013)

SEATTLE CENTRAL COMMUNITY COLLEGE, Seattle, WA
Grant Writing Certificate, (2012)

UNIVERSITY OF IDAHO, Moscow, ID
Bachelor of Arts in International Studies and **Bachelor of Arts in Foreign Language, German** (2007)
University Studies Abroad Consortium: Lueneburg, Germany 2006
Honors: President's Honor Roll, Glenard Johnson Charitable Trust Scholarship

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Ex. 6 Personal Privacy (PP)

P.O. Box 754, Renton, WA 98057
Ex. 6 - Personal Privacy (PP) Ex. 6 - Personal Privacy (PP)

SUMMARY OF SKILLS

- Masters degree in International Development and Social Change.
- Extensive experience working with non-profit organizations operating in the fields of humanitarian assistance, community development, social change and social services.
- Strong advocate for refugees and immigrants, BIPOC communities, racial and social justice.
- Visionary, strategic thinker with excellent managerial and interpersonal skills.
- Fluent in two languages, Arabic and English.

PROFESSIONAL EXPERIENCE

Executive Director Nov 2015 – present
Mother Africa
Responsible for providing direction, guidance, and leadership, with primary oversight of all organizational activities. takes leadership and holds overall responsibility for upholding the mission, vision, values, and sustainability of the organization, including fund development, financial management, personnel management, program planning, administration, board relations, and community relations. Support the development of the strategic plan to ensure that programs, budget, and decision-making processes are aligned to meet the vision, mission, and values of MA. Partner with Board and staff to strengthen and pursue various sources of funding. Currently managing 24 staff, raised and managed the organization budget from $5,000 in 2013 to $1.8M in 2021.

Cross-Cultural Therapist Oct 2012 – 2018
Lutheran Community Services Northwest
Provided mental health counseling, case management, crisis intervention, information, referrals, and social services to individuals from culturally diverse, low-income backgrounds – primarily refugees, immigrants, and asylum seekers.

Domestic Violence Victim's Advocate Jan 2010 – Sep 2012
Refugee Women's Alliance (ReWA)
Provided support, case-management, advocacy, and referrals to Arabic-speaking victims of domestic violence in King County. Facilitated support groups and provided training to service providers on how to support refugees and immigrants who speak Arabic and/or are from the Muslim faith.

Family Advocate July 2007 – 2010
YWCA, South King County
Provided case management for families in emergency shelter and transitional housing. Assisted clients to determine, develop and carry out individual goals with an emphasis on safety and self-sufficiency, and monitor goal progression. Arranged necessary communications with other agencies or individuals to assist clients in securing income, emotional and housing stability. Network with other service providers to advocate for clients and establish suitable referral systems.

Peer Health Professional 2006 – 2009
Puget Sound Educational Services District (PSESD)
Conducted educational sessions for the parents of Head Start and ECAP programs in South King County on how to use the Healthwise book and dental hygiene. Helped train parents of Head Start and ECAP to become peer health educators. Provided resources and referrals as needed.

Domestic Violence Victim's Advocate Mar 2003 – Oct 2008
YWCA, South King County
Advocated for victims of domestic violence and their children. Provided crisis intervention, information and referrals, safety planning and ongoing advocacy-based counseling. Interfaced with legal advocates to guide victims through criminal justice system, attend arraignments, civil hearings and trials as needed. Developed ongoing referral relationships with health, legal and social service systems. Provided education on domestic violence to victims, community groups, agencies and special populations in South King County. Worked directly with city employees and was available in court for survivor assistance as needed. Represented the YWCA in local and regional taskforce meetings as well as conferences. Conducted support group for survivors of domestic violence. Contributed to the enhancement of program publications: brochure, flyers and other educational and training materials.

Program Assistant for Africa 1999 – 2000
Oxfam America Boston, MA
Provided administrative and technical program support for Oxfam America's regional programs in Southern and West Africa. Assured efficiency and effectiveness of the grant-making cycle through enhancing the grant application and disbursement procedures. Developed new financial documents to facilitate the routine grant audits and compiled an up-to-date partner's profile for all Oxfam America's partners in Africa. Assisted in the development of the global program database, served in two hiring committees, and managed five volunteers.

Training Facilitator 1993 – 1995
Ebony Consultants Khartoum, Sudan
Co-trained UNDP/ADS (United Nations Development Program/Area Development Scheme) staff of lower Atbara, Northern Sudan, in Participatory Rapid Appraisal (PRA) approach to program design and evaluation. Facilitated two workshops for training of trainers in PRA.

Research Assistant & Training Facilitator 1995
Cranfield Disaster Preparedness Center (CDPC) Sudan
Facilitated three interactive workshops in Sudan (Khartoum, Sinkat and El Fashir) to field test training modules designed by CDPC to meet disaster preparedness needs for NGOs operating in Sudan.

Program Officer 1992
Sudanese National Committee for Eradication of Harmful Practices Sudan
Assessed and monitored projects concerning practices affecting women and girls such as female genital mutilation (FGM), food taboos, early marriage, etc. Contributed to writing project proposals and reports.

Health Program Officer 1992
Sabah Organization for Child Care and Development Sudan
Organized health education sessions on AIDS and STDs. Provided first aid services for the street children in Khartoum.

Field Program Officer 1990 – 1992
Canadian Save the Children Fund Sudan
Managed relief and development projects for displaced persons living in shantytowns around Khartoum. Projects covered supplementary feeding centers, primary health care clinics, education, income-generation, water, and sanitation services. Managed and supervised 15 volunteers and 10 staff.

Secretary to the Ambassador 1990
Embassy of the former Federal Republic of Yugoslavia Sudan
Scheduled appointments. Translated Arabic correspondence and news journals to English. Interpreted for the Ambassador.

INTERNSHIPS

Intern 1998 – 1999
City Manager's Office for Planning and Community Development (OPCD) Worcester, MA
Assisted the Geographic Information Systems (GIS) coordinator in maintaining municipal cadastral database: adding new subdivisions, splitting and/or combining parcels, and linking data to financial/taxation records. This activity was an essential component of the City of Worcester database updates.

Intern 1998
Grassroots International Boston, MA
Assisted the Coordinator of Palestine Democratic Development Program (PDDP) and Eritrea Reconstruction and Development Program (ERDP) in following up on the partnership programs in Palestine and Eritrea. Translated correspondence from Arabic to English.

Intern 1996
Center for Development and Population Activities (CEDPA) Washington DC
Adolescent Reproductive Health and Gender Project for Sub-Saharan Africa
Maintained project database and document publications. Assisted in the organization of the workshop for US-based international organizations working in reproductive health.

ADDITIONAL EXPERIENCE/ VOLUNTEER WORK

Community Advisory Board Member Jan 2022 – Present
Center for Adjustment, Resilience and Recovery (CARRE), International Rescue Committee (IRC)

Board Member Feb 2022 – May 2022
Health Alliance International (HAI)

Advisory Board Member 2018 – 2022
Youth Development Executives of King County (YDEK)

Co-founder, Vice President 2016 – 2018
Washington State Coalition of African Community Leaders

Co-founder, Board Member 2014 – 2019
Living Well Kent

Board member 2004 – 2006
Washington State Coalition Against Domestic Violence (WSCADV)

Board Member 2005 – 2009
African Communities Network

Founder, Board President 2004 – 2015
Mother Africa

Volunteer 2001 – 2016
American Red Cross, the Seattle-King County Chapter
Language Bank: Provide interpretation and translation services to the community.

Relief Worker, Health Educator, and Community Development Practitioner 1984 – 1995
Sudanese Red Crescent Society (SRCS) Khartoum, Sudan
As an active volunteer, served as development officer and member of the executive committee for Khartoum Branch. As team leader, led relief operations intended for displaced persons' camps. Designed and implemented community-based development projects. Disseminated Red Cross/Crescent principles to volunteers and the public. Assisted in distributing Red Cross messages in collaboration with the International Committee of the Red Cross (ICRC) Tracing Agency. Trained and managed over 150 volunteers under different projects such as AIDS control, immunization, control of diarrhea diseases, primary health care, mother and childcare in many SRCS branches. Represented the organization nationally and internationally.

Girl Guides Leader 1989 – 1995
Sudan Girl Guides Association and Sudanese Aeronautical Scout Khartoum, Sudan
Organized and implemented programs that engaged youth (boys and girls) in community service and development. Managed and trained over 150 volunteers in different programs/activities such as AIDS control, leprosy control, environment conservation, etc. Represented the group nationally and internationally.

EDUCATION

MA, International Development and Social Change 1999
Clark University MA, USA
Courses covered: participatory approaches to development, development theories, gender and development, research methods, principles of mediation and conflict resolution, geographic information systems-GIS.

BS, Business Administration, Major in Management 1995
Omdurman Ahlia University Omdurman, Sudan

Accounting Technician Diploma 1990
Sudan University for Science and Technology Khartoum, Sudan

1.a. PROJECT SUMMARY

Project Title: Safer Healthy Homes

Project Location: South King County, Washington

Applicant Information:

Mother Africa
1209 Central Ave S, Suite 120, Kent WA 98032
risho@motherafrica.org
Ex. 6 - Personal Privacy (PP)

Organization Description (70/100 words):

Mother Africa's mission is to support African women, immigrants, and refugees and their families, to help them reach their highest potential. Our programs reach subcommunities such as parents of children ages 0-5, women, youth ages 6-17 and 18-24 years old, elders, and more. We address concerns such as creating community, high school completion, college entrance and success, infant mortality and maternal advocacy, parent and child connection, meeting basic needs, environmental justice, and household health.

Are you applying for the Small CBO Set Aside Track for $150,000 projects?

If yes, ensure you submit documentation with your application (such as an employee roster) verifying the number of full-time employees on staff and the associated hours per week and salary/wage details for each full-time employee.

- ☐ Yes
- ☑ ~~No~~

Project Abstract (147/250 words):

Include the main objective, activities, and outputs/outcomes of the project, including the specific geographic areas of focus.

Safer Healthy Homes (SHH) works to improve the health of immigrant and refugee families, reduce toxics in the home and pollution in the community, and insulate those in our local South King County community against disaster. To achieve these goals, SHH staff educate community members on toxic materials' identification and the dangers of mold and lead; educate on indoor air quality; demonstrate how to safely dispose of hazardous materials; provide safer, greener cleaning product alternatives through our partnership with ECOS; and develop personalized disaster plans with participating families.

Several key outcomes of this program are: participants reduce the presence of mold and lead in the home through observation and prevention; participants reduce or eliminate the presence of toxic cleaning products in the home through toxics identification and responsible shopping; local household pollution is reduced due to avoidance of household toxics and responsible disposal; and participants maintain updated and reasonable disaster plans to create climate resilience for their

families and selves.

Project Types:

- ☑ public education
- ☑ installations of air or water filtration systems
- ☑ mitigation of pollution
- ☑ remediation of lead or asbestos
- ☑ development of disaster preparedness plans

Special Considerations:

- ☑ Climate Change/Disaster Resiliency
- ☐ Rural Areas
- ☐ Health Impact Assessments

Environmental Issue:

- ☑ Air
- ☑ Water
- ☑ Waste

List of Project Partners

ECOS (business)
King County, Office of Emergency Management (local government)
King County Climate Team, Department of Natural Resources and Parks (local government)
Puget Sound Clean Air Agency (regional government)

Will you need to develop a QAPP for your project?

- ☐ Yes
- ☑ No

1.b. ENVIRONMENTAL & PUBLIC HEALTH INFORMATION OF THE UNDERSERVED COMMUNITY

Describe and characterize the underserved community directly impacted by disproportionate environmental and/or public health harms and risks and describe how the community is impacted by those harms and risks.

(i.e., Who is the community comprised of and what are the disproportionate environmental and/or public health issues they experience?)

We work across a wide, diverse set of communities, serving clients from 25 African and 10 Middle Eastern countries. Community members speak multiple languages including Arabic, French, Swahili, Lingala, Kinyarwanda, Kirundi, Kikuyu, Amharic, Tigrinya, Dari, and MaiMai, and Mother Africa interacts with them in all their native languages.

The majority of our participants and community members are considered frontline communities and are racialized as Black in the United States. Others are Middle Eastern and North African.

Most of the community members that we serve have low-income or very low-income status. These identity markers make our communities very vulnerable to negative public health impacts and environmental or climate-change related harms. These harms and negative impacts come from a variety of sources. According to the University of Washington Climate Impacts Group, these communities also have stronger rates of asthma, face more barriers to quality healthcare, and have more difficulty evacuating during emergencies.With a projected increase in wildfires and air quality impacts, there will be prolonged periods of smoke and poor air quality in King County, making emergency preparedness planning critical for these communities, reports the Puget Sound Clean Air Agency's 2020 Air Quality Summary Report.

Air quality and pollution:

> Black and low-income communities are also disproportionately, negatively affected by air pollution at home. The EPA's Climate Change & Social Vulnerability in the United States report also states that low-income communities are 15% more likely to be threatened by higher childhood asthma diagnoses due to poor air quality while Black communities are even more likely at 34%. A study published by Nature journal titled "Air pollution exposure disparities across US population and income groups" reported that "areas of the U.S. with lower income groups have been exposed to higher average PM2.5 levels [particulate air pollution] than areas with higher income groups."
>
> Additionally, many low-income families struggle to achieve and maintain proper *indoor* air quality. The NIH's "Mold and Your Health" states that "Indoor concentrations of pollutants, such as mold, tend to be higher in low-socioeconomic status households." The NIH also links mold to adverse health outcomes, including asthma chiefly, but also allergic reactions, inflammation, and negative immune system changes.

Household toxics and wastewater pollution:

> The EPA is itself concerned with water pollution due to household products, especially toxic cleaning supplies. In an online resource published in June 2022 (https://www.epa.gov/greenerproducts/identifying-greener-cleaning-products - Two), the EPA listed the following methods of household pollution as causes for concern regarding local water quality:
>
> - Residual cleaning product chemicals washed/rinsed down drains.
> - Biodegraded surfactants broken down into "more toxic, persistent, and bioaccumulative chemicals", impacting water quality and aquatic population health.
> - Volatile organic compounds in cleaning products emitted into the air and creating smog; due to the hydrological cycle, this plays a role in reduced water quality.

Lead exposure:

> The CDC lists low-income communities as those with the highest risk of lead exposure–in large part due to the older build houses which comprise much of low-income housing. The CDC also explicitly identifies refugee and immigrant families as a population at high-risk of lead exposure, both from their home countries as well as from exposures in the United

States. They may encounter it through many sources–for example, a testing event run in 2022 by the Public Health - Seattle & King County found cultural cosmetics such as kohl eyeliner to be up to 84% lead! Overall, 11% of products tested through this event contained "concerning amounts of lead".Furthermore, in a 2019 series of testing events hosted by the King County Lead & Toxics Program, King County Medical Society, and Washington Poison Center and funded by the CDC, test results found that approximately 4% of the local children tested had elevated levels of lead in their blood. These tests were administered specifically to low-income households and children of color.

What are the environmental/public health issue(s) that the project seeks to address? What are the environmental/public health results the project seeks to achieve and how will the underserved community benefit from those results?

We aim to achieve the following long-term results from our shorter outcomes.

Air quality and pollution:

We educate our communities on the importance of ventilation and air purification, the management of moisture control, the adverse health effects of mold exposure, and the methods for mold testing.

1. Maintenance or reduction of participating families' reported respiratory conditions.

   Short term efforts: Increase community members' awareness of mold growth conditions and adverse impacts of mold exposure as well as non-toxic remediation techniques.

   Intermediate term efforts: Increase community members' household mold prevention.

Household toxics and wastewater pollution:

We empower our participants to reduce household toxics by selecting healthier and greener alternatives, both for the health of their families and homes as well as for the health of their communities at large.

1. Improved household health pollution due to decreased toxics usage.

   Short term efforts: Increase community members' awareness of toxics in household cleaning products.

   Intermediate term efforts: Increase household selection of greener, non-toxic cleaning products when shopping for supplies.

2. Decreased toxics concentration in local water systems.

   Short term efforts: Increase community members' awareness of local environmental impact of improper toxics and medication disposal and of available local proper disposal techniques.

   Intermediate term efforts: Increase in utilization of proper disposal techniques and reduction of improper disposal into wastewater.

Lead exposure:

We educate our participants on the potential types of lead exposure and the consequences of those exposures, especially for young children. We empower them to protect their

families with blood lead tests to check for lead levels, and if elevated levels are detected, we connect them to care to stay healthy and safe. Additionally, we connect them to local product testing events to check household items (cooking pots, ceramics, makeup, spices, toys etc) for lead.

1. Decreased use of products that often include high lead content.

   Short term efforts: Increase community members' awareness of potential lead exposures and its adverse impacts.

   Intermediate term efforts: Increase data on which household products contain high lead content.

2. Increased referrals to lead poisoning support providers.

   Short term efforts: Increase community members' awareness of potential lead exposures and its adverse impacts.

   Intermediate term efforts: Increase families' lead level blood testing.

If your project relates to one or more of the other factors in Section V (e.g., Health Impact Assessment, Rural Areas, Climate, or Disaster Resiliency) include additional details about how the project addresses those factors in this section.

Our fourth concern addressed by Safer Healthy Homes is climate change and environmental disasters:

> The EPA itself in its Climate Change & Social Vulnerability in the United States report identifies Black and low-income communities as two of the communities most vulnerable to climate related disasters. According to this report, communities identified as Black are 10% more likely to live in areas where they will be impacted by property loss due to inland flooding and 11% more likely to be similarly impacted by coastal flooding. Low-income communities are 16% more likely to be impacted by property loss due to coastal flooding and 11% more likely to suffer fatalities due to extreme temperature.

This will yield the long-term outcome of:

1. Increased local refugee and immigrant families' confidence to persist safely through disaster.

   Short term efforts: Increase families' awareness of the need for disaster preparedness.

   Intermediate term efforts: Increase families' continued maintenance and revision of disaster plans and supply stocks.

1.c. HISTORICAL CONNECTION TO UNDERSERVED COMMUNITY

Describe the history of your organization's involvement with the underserved community, including the duration of involvement and circumstances that led to your organization's involvement.

Mother Africa is not only involved with our communities but embedded in them. The history of our organization is a history of our communities, because we represent our underserved

communities. Mother Africa was founded in 2004 by Risho Sapano, now our Executive Director. As a Sudanese immigrant woman, Risho knew firsthand the challenges immigrant and refugee women and their families face. Risho realized that African refugees and immigrants lack opportunities to sit at decision making tables, to have a say in the decisions that impact them most. They face many barriers that ultimately slow down their progress and ability to thrive. Navigating systems to access resources that meet basic needs, employment, education, and healthcare is frustrating and almost prohibitively challenging. In response to this reality, she created Mother Africa, whose mission is to support African women, immigrants, and refugees and their families, to help them reach their highest potential. We use many strategies, which depend on the community's need, voice, and strengths. We create collective power in our communities by educating women about specific issues and empowering them to take action while providing the resources and means to do so.

Mother Africa's leadership very closely matches the communities that we serve. 92% of our staff are immigrants or refugees from African and Middle Eastern countries themselves. 66% of our board are immigrants or refugees. (The additional 34% of our board have all lived or worked in African countries and are thus connected to our served populations that way.) 100% of both our staff and Board of Directors are women.

Describe how the organization has worked with the underserved community's residents and/or organizations to address local environmental and public health issues currently or in the past and what are some of the results of that work. Include information about recent efforts in the community, if any, that have sought to address the disproportionate issues you described in 1.b.

At the beginning of our Safer Healthy Homes history, we partnered with the King County Department of Hazardous Waste, who funded us through a co-creation process, pilot launch, and two-year expansion. With community feedback, we co-created a database of materials that our team translated into Arabic, French, and Somali, ensuring communication materials reached our community members. We included photos of people to whom our community can connect, like black families and individuals in hijab. Our community expressed that they felt more included and considered in county activities and that they were finally able to access and engage with pollution and environmental justice resources which had been previously withheld from them due to language and cultural barriers.

We also run another environmental justice program called Waste4Purpose (W4P). We aim to decrease the amount of food that will enter the disposal system. Food waste sent to the landfill, rather than being composted, significantly contributes to greenhouse gas emissions. Mother Africa engages with local community members to educate them on food waste reduction strategies such as composting, recycling, and gardening.

We have a strong partnership with Tilth Alliance; their staff members present to our program participants each month on W4P topics identified by our program participants themselves. This partnership provides powerful knowledge about food waste reduction and composting, and our participants have become strong advocates for the importance of utilizing these approaches. We partner with Living Well Kent. Recently, they allowed us to build a composting station at their greenhouse site in Auburn.

As our program grows, our participants have expressed the desire to see the youth of our communities intentionally included as well. (By nature of involving families in W4P, the children also became involved.) Due to this feedback, we plan to host workshops in the summer months specifically designed for the youth engagement in our learning activities. Our staff have noticed how engaged and excited they are becoming about food waste reduction, composting, and creating a clean environment for their futures.

Mother Africa also has an ongoing relationship with Seattle King County Public Health, working on several projects that focus on lead impacts in our communities. These include product testing for lead in common household items that our communities frequently bring over from their home countries, serving on the Health Advisory Committee around lead and toxics to advocate with landlords and health professionals that serve young children, as well as running a campaign to raise lead poisoning awareness for families with young children.

Community Driven Participation: How the underserved community's residents and/or organizations were involved in developing the current project plan and are part of the decision making process.

Community involvement is essential to program success and value community feedback and critique; we prove this through our co-creation process. Our community listening sessions and program surveys are strategies in our co-creation approach to program development and iteration. We regularly collect and evaluate data through pre and post surveys, listening sessions, and 1:1 and group interviews. We take an iterative approach where program participants' feedback guides and directs improvements at consistent intervals. By involving our community consistently in program creation processes including ongoing growth and improvement, we meet specific, self-expressed needs for our clients.

An essential part of our evaluation plan for Safer Healthy Homes specifically includes a pre-programming survey period completed by incoming participants as well as a post-programming survey period for our outgoing participants. Pre-programming feedback helps us to tailor our programming according to our incoming cohort and post-programming feedback informs our program design for the next cohort.

1.d. EJCPS MODEL

Provide a clear and concise description about which of the seven elements of the EJCPS Model will be undertaken for this project. Also, describe which EJCPS Model element(s) associated with this project may have already begun or been accomplished.

For example, EJCPS Model Element 1 – Community Vision and Strategic Planning may have occurred prior to applying. The EJCPS program focus is on developing and implementing solutions; it is anticipated that applicants may have already accomplished some aspects of EJCPS Model elements.

Mother Africa anticipates incorporating all seven elements into our Safer Healthy Homes program design, implementation, and execution. We've found this model to be very helpful in articulating specifically the elements that make our environmental justice activities successful.

As this is a current program (not a new one), we have already completed several elements of the

EJCPS Model, including 1. Issue Identification, Community Vision, and Strategic Goal Setting; 3. Consensus Building & Dispute Resolution (largely this has been accomplished, but we understand that with four partners, this will likely be an ongoing effort); 4. Multi-Stakeholder Partnerships & Leveraging of Resources; and 5. Constructive Engagement by Relevant Stakeholders.

In the project term, Mother Africa will further implement the following elements of the Model: 2. Community Capacity-Building & Leadership, which is re-engaged with each new cohort; 6. Sound Management & Implementation–we have already essentially completed this task as we believe successful sound management and implementation should begin in the design/goal-setting phase, but will continue to monitor throughout active programming with an eye to this element to ensure its success; 7. Evaluation, Lessons Learned, & Replication of Best Practices, which is an ongoing and continuous process for Mother Africa, although through previous iterations of Safer Healthy Homes we have already learned much and implemented many lessons.

1.e. PROJECT LINKAGES

Briefly describe how the project supports EPA Strategic Plan Goal 2, Objective 2.1 (Promote Environmental Justice and Civil Rights at the Federal, Tribal, State, and Local Levels). https://www.epa.gov/planandbudget/strategicplan

We help to advance Goal 2: Take Decisive Action to Advance Environmental Justice and Civil Rights, Objective 2.1: Promote Environmental Justice and Civil Rights at the Federal, Tribal, State, and Local Levels by targeting sub-communities often left out of these conversations–African and Middle Eastern immigrant and refugee families. The EPA has identified three strategies to achieve this goal, and Mother Africa's Safer Healthy Homes contributes to two of three in our work:

Building capacity and climate resilience and maximizing benefits to overburdened and underserved communities.

> Mother Africa is a community-led organization that is trusted and loved by our community members. Collaborating with Mother Africa allows one to collaborate directly with our underserved African and Middle Eastern immigrant/refugee communities. Real, durable impact is created when communities hold the power to shape their circumstances and take control of their surroundings. This is why Safer Healthy Homes works to directly empower community members and engage them in environmental justice and anti-pollution work, for their own benefit as well as that of their communities.

Engaging and supporting federal, state, and local governments to achieve results in communities.

> Safer Healthy Homes partners deeply and closely with county (King) and regional (Puget Sound) government agencies and works to both align with and influence government priorities and activities to the needs of our under-recognized communities. This program provides EPA the opportunity to take part in the same.

1.f. PARTNER & COLLABORATE

Describe how the project will accomplish its goals through the use of appropriate and diverse partnerships from multiple stakeholder groups, such as industry, business, academia, government, etc.

Partnership is necessary to leverage resources and scale impact for our local communities. Mother Africa hopes that by engaging ECOS as a business partner for this project, it will promote non-toxic consumership within our communities and help contribute to a community ripple effect that will raise greener and non-toxic product choices above their toxic counterparts. By bringing non-toxic alternatives to the forefront of our communities' consciousness, we will improve household health and local wastewater pollution.

Our close partnership with county and regional government agencies aim to leverage current government initiatives and work on our identified topics as well as embed the consideration of our communities in future government activities. Our government partners will also increase our design and evaluation capacity by serving as technical experts who can ensure excellent data hygiene and pursue evaluation partnerships (discussed in 3.b.), leaving Mother Africa's program staff to focus on close connections with our participants.

Identify and describe all partners involved, including those partnerships that may be under development.

Include the following details about each of your partners: Planned roles of each partner listed in your Project Summary, how each partner will contribute to the project, what resources each partner brings to the partnership, how the partner has a vested interest in working with this partnership [other than just getting income from a sub-award or contract], how the applicant organization plans to maintain and sustain these relationships on into the future.

If you intend to fund the partner's participation in the project describe how the proposed financial transaction complies with applicable requirements in 2 CFR Part 200 on competitive procurement or for subrecipients EPA's Subaward Policy or EPA Guidance on Participant Support Costs.

We will collaborate with four partners for this programming.

ECOS:

> ECOS is a business stakeholder who will provide an in-kind donation of 350 Safer Choice certified, green, non-toxic cleaning kits for distribution during our household toxics and pollution reduction module. ECOS describes their brand as "built on ethics, empathy and environmental and social justice." They engage in productive lobbying and advocacy and find it important to materially support and partner with smaller organizations working towards their priorities: "championing safer products and ingredient transparency, taking climate action for people and the planet, caring for workers and families, and seeing a greener future."
>
> Mother Africa met ECOS CEO, Kelly Vlahakis-Hanks, at the EPA Safer Choice

Partner and Stakeholder Summit in 2022.

King County Office of Emergency Management:

The Office of Emergency Management is a local government stakeholder who will partner with us using a "train the trainer" model. OEM trainers will train our SHH program staff members, as well as our program supervisor, in emergency and disaster preparedness planning during the program design period of our program plan as well as provide reference resources. Then these Safer Healthy Homes staff members will utilize that training from OEM to elevate the quality of our disaster preparedness training disseminated to program participants.

Mother Africa first developed our relationship with OEM in 2022 and they have since been interested in finding ways to engage and serve our communities. We are currently working on another small project together to develop videos in the languages spoken by our communities about disaster preparedness for use at the county level. We have been seeking a larger scale opportunity to collaborate directly, and they were immediately enthused when we came to them with this proposal. We believe that this will strengthen our existing relationship and pave a path for a closer one in the future.

This partnership will include a sub-award contract for provision of technical expertise in the form of staff hours and materials, estimated at $8000. Subrecipients will only receive reimbursement for their actual direct or approved indirect costs such that they do not "profit" from the transaction and subrecipients are subject to the same Federal requirements as the pass-through entity.

King County, Department of Natural Resources & Parks (DNRP), Sustainable Resilient Frontline Communities (SFRC) Team:

We partnered closely with the SFRC team at King County first in 2018. We worked together to adapt an infographic about climate change into Arabic and provide culturally relevant visuals for our communities to increase the infographic's impact. Mother Africa has been an active member of the Climate Equity Community Task Force since 2019, led by the SFRC team. DNRP's SFRC team and Mother Africa are both key partners on the implementation of the King County Strategic Climate Action Plan (SCAP), updated every five years. The 2020 SCAP launched the first climate equity framework for King County in a new section entitled Sustainable and Resilient Frontline Communities (SRFC). SFRC leads will serve as thought partners and share their technical expertise and any relevant materials to support and guide introduction of climate resilience and preparedness content and messaging.

The DNRP is already invested in the well-being and inclusion of our immigrant and refugee communities, evidenced by their continued partnership with Mother Africa. The SFRC team is excited about this opportunity as a way to align further work with the Climate Action Plan and prepare future iterations of the Plan that will be inclusive to all members of King County.

This partnership will include a sub-award contract for provision of technical

expertise in the form of staff hours, estimated at $26,000. Subrecipients will only receive reimbursement for their actual direct or approved indirect costs such that they do not "profit" from the transaction and subrecipients are subject to the same Federal requirements as the pass-through entity.

Puget Sound Clean Air Agency (PSCAA):

The PSCAA serves as the air quality regulatory body for King, Kitsap, Pierce, and Snohomish Counties. We have a close partnership with members of the staff via the Climate Equity Community Task Force through King County DNRP, of which we are all members. We then first engaged with the PSCAA in 2022 when they attended our Annual Health & Wellness Fair with a resources booth to engage the community about indoor air quality. Now, they will partner with the Safer Healthy Homes program by offering technical expertise on air quality data; promoting SHH to community partners during their recruitment periods; sharing resources and knowledge with program staff regarding air quality, health ramifications, climate impacts, and exposure reduction strategies; and lending air quality scientists and overburdened community engagement staff to group workshops.

PSCAA is independently invested in serving historically overburdened communities, evidenced by their air quality environmental justice mapping tool which works to identify those overburdened communities so that PSCAA can adequately direct and target their efforts. Thus, their values and priorities create a natural alignment with the work of Safer Healthy Homes and Mother Africa.

2.a. PROJECT ACTIVITIES

Provide a clear description of the steps the applicant will take to meet the program objectives and execute the project. Provide clear descriptions and details for each project activity or component and the anticipated products/results associated with each activity.

An important consideration when reviewing Mother Africa's programming is that all program activities will be conducted in our participants' native languages. Safer Healthy Homes will reach between two and four language groups, depending on the multilingual status of the two program staff we will hire for this project. We will host 4 workshops per cohort, each 2 hours long on a specific topic, and follow-up individual coaching sessions for each participating family to ensure task completion and knowledge cementation.

Air quality and pollution:

Workshop 1: Cohort workshop will focus on the topic of air quality and pollution, with a specific emphasis on educating attendees on indoor air quality and the negative health effects of mold in the home.

After the group workshop, staff members will meet with participating families in one-on-one coaching sessions to refine workshop takeaways and complete workshop tasks, such as at-home mold and air quality testing. Depending on family need, more than one coaching session may be offered.

Household toxics and wastewater pollution:

Workshop 2: Group workshop on how to identify toxics in cleaning products (reading warning labels), how to make safe and affordable cleaning solutions at home, how to look for Safer Choice labels on certified products, and what are the available safe disposal procedures locally for existing toxics in the home. Staff will distribute our partner-provided ECOS cleaning kits to build non-toxic cleaning habits in participants.

Lead exposure:

Workshop 3: Group workshop on potential lead exposures, the risks of those exposures, and lead level blood testing. Coaching sessions will connect participants to testing sites and opportunities, and staff will connect participants to lead product testing events at Mother Africa's offices, during which participants can bring their personal items (cookware, ceramics, cultural makeups, toys, etc.) to be tested for lead content.

If blood tests reveal lead exposure (typically in children), then staff will provide referrals to child development, healthcare, etc. providers who can support families through lead exposures.

Disaster preparedness:

Workshop 4: Group workshop on local disaster risks and demonstration of developing personalized and tailored disaster plans for families. These plans will include essential details such as rendezvous and evacuation points; shelter-in-place plans, current and necessary resources and emergency kit creation; and emergency contacts. Follow up individual coaching will ensure that participants are able to complete their disaster preparedness plans.

2.b. MILESTONE SCHEDULE

Include a clearly articulated/organized milestone schedule, detailing timeframes and major milestones to complete significant project activities within the three-year period of performance.

Program Design (November 2023-April 2024)	Cohort 1 (May 2024-October 2024	Cohort 2 (November 2024-April 2025)	Cohort 3 (May 2024-October 2025)	Cohort 24 (November 2025-April 2026)	Program Evaluation (May 2026-October 2026)
Partnership fulfillment and design activities including inventory delivery, staff training, curriculum creation, strategic planning, etc.	Month 1: Recruitment, outreach. Month 2: Pre-program survey. Month 3: Workshop 1-air quality and pollution, 1:1 coaching session. Month 4: Workshop 2-household toxics and wastewater pollution, 1:1 coaching session, non-toxic ECOS cleaning kits distribution. Month 5: Workshop 3-lead exposure, 1:1 coaching session, lead product testing Month 6: Workshop 4-disaster preparedness), 1:1 coaching session, disaster plan creation, and post-program survey.	See Cohort 1 schedule.	See Cohort 1 schedule.	See Cohort 1 schedule.	Quantitative and qualitative evaluation including comprehensive data collation, data evaluation, community listening sessions, etc.

3.b. PERFORMANCE MEASUREMENT PLAN

Applicants should describe how they plan to track and monitor their project performance and progress throughout the project period. Applicants will be evaluated on the extent and quality to which the application demonstrates a sound plan for tracking progress towards achieving the expected outputs, outcomes, and associated timeframes for achieving those results.

Mother Africa has a long history of strong program evaluation and iteration. The following outcomes will be tracked by participant self-description as measured in our pre-programming and post-programming surveys. These surveys are built into our programming structure (see 2.b. above):

Increase community members' awareness of toxics in household cleaning products.

Increase community members' awareness of local environmental impact of improper toxics and medication disposal and of proper disposal techniques.

Increase families' awareness of the need for disaster preparedness.

Increase community members' awareness of potential lead exposures and its adverse impacts.

Increase community members' awareness of mold growth conditions and adverse impacts of mold exposure on indoor air quality and health.

Increase community members' awareness of potential lead exposures and its adverse impacts.

Increase data on which household products contain high lead content.

The following outcomes will be measured by an annual follow-up survey distributed to previous participants a year after the completion of their Safer Healthy Homes cohort:

Increase household selection of greener, non-toxic cleaning products including Safer Choice certified products when shopping for supplies.

Increase in utilization of proper disposal techniques and reduction of improper disposal into wastewater.

Increase families' continued maintenance and revision of disaster plans and supply stocks.

Increased local refugee and immigrant families' confidence to persist safely through disaster.

Increase families' blood lead level testing.

Increase community members' household mold prevention.

Improved household health due to decreased toxics usage.

Decreased use of products that often include high lead content.

The following outcomes will be measured by Mother Africa's internal client record tracking, with data prior to this project compared to data after this project:

Increased referrals to lead poisoning support providers.

Maintenance or reduction of participating families' reported respiratory conditions.

The following outcome will be measured through collaboration with the local Water Treatment Division, by comparing pre-Safer Healthy Homes data from our participants' neighborhoods with post-Safer Healthy Homes data:

Decreased toxics concentration in local water systems.

3.c. SUSTAINABILITY PLAN & COMMUNITY VISION

Describe plans to utilize the results and momentum of the proposed project to come closer to achieve the community's goals and objectives. Details about current work and initiatives in the community, and how the community has a vested interest in sustaining the project's momentum into the future should also be included. If applicable, applicant should also describe how the activities and results of their project can be used in communities elsewhere.

This is an expanded format of our current Safer Healthy Homes program. Mother Africa takes program feedback and iteration seriously in our work, and we see this as an invaluable opportunity to learn and grow in SHH. We began Safer Healthy Homes in 2019 and over the last four years, we have developed it–with feedback from our communities and partners–into a program which earned the EPA 2022 Safer Choice Partner of the Year Award. By expanding our partnerships this year and collaborating so closely with the EPA, we will be able to inherit and generate much shared wisdom that will inform not only the cohort iterations within this project, but the larger iterations of Safer Healthy Homes after 2026.

Over the last several years, community members have expressed a genuine enthusiasm for environmental justice work. In fact, the launch of Safer Healthy Homes was precipitated by community request and interest in this work. Our community members want to participate in this work, secure the health of their families, and assist in promoting the health of their local community. However, due to language, cultural, financial, and other barriers, our immigrant and refugee communities are more often than not excluded from opportunities to engage with environmental justice. We are confident that their interest will continue, as it has not wavered yet, but in fact only grown, as evidenced by our program waitlists.

We are a part of several local coalitions and cooperatives and value sharing best practices and learned wisdom wherever possible. We are always happy to share our environmental justice expertise with CBOs and providers in other communities in hopes that others can benefit from our lessons learned.

4.a. ORGANIZATIONAL EXPERIENCE

As related to the proposed project and their infrastructure as it relates to their ability to successfully implement the proposed project.

Mother Africa has managed our suite of environmental justice programming for over five years. This includes our Safer Healthy Homes program and Waste4Purpose program. We have several longstanding partnerships including the King County Hazardous Waste Management team, who was our original funding partner for the first four years of Safer Healthy Homes. (Further partnerships are discussed in 1.c. and 1.f.)

Our previous grants (see 5.0.) prove that we have a strong track record of collaborating with larger funders on program design, implementation, and execution. The Safer Healthy Homes programming detailed in this proposal is an expansion of the programming we have offered to our community for years and an opportunity for us to serve more community members as we learn. Our program staff and leadership staff is well prepared to manage and engage with Safer Healthy Homes in its expansion, as they have all been deeply involved with previous iterations of the program from inception. This also equips them to comprehensively educate and train the two incoming program staff we will hire to increase capacity to support this project.

4.b. STAFF EXPERIENCE / QUALIFICATIONS OF PROJECT MANAGER (PM)

Provide information that clearly demonstrates that the proposed PM and other staff associated with the project are qualified to perform the project successfully. This will be determined through the description of the following:

- Why the PM and associated staff are qualified to undertake the project;
- Illustrating the PM's ties/historical connection to the community and the applicant organization. Please include detailed descriptions of any activities that the PM has worked on with the community and/or applicant organization.

All three leadership team members including our PM have worked on the development and implementation of Safer Healthy Homes since its inception in 2018.

Founder & Executive Director, Risho Sapano founded Mother Africa in 2004 (more historical context in 1.c.). She stewards relationships with all our partners and provides vision on our program designs, including for SHH.

Deputy Director, Colleen Alabi has worked for Mother Africa for 11 years and was part of the implementing design team of SHH. She provides grant monitoring and reporting, invoicing, and financial tracking for all Mother Africa programs.

Program Manager, Kholoud Naser Aldeen has worked for Mother Africa for six years and was part of the implementing design team of SHH and has provided ongoing program management throughout the history of this program to date.

Program Supervisor, Rasha Elshaarawi started as a health promoter on our team at the beginning of the program in 2019, serving French and Arabic speaking communities. She was then promoted to Senior Program Coordinator in 2022, and will be promoted to Program Supervisor with this grant award. With her hands-on experience delivering the program activities for the past three years, she is well positioned to

onboard and support new health promoters to effectively serve in this role.

4.c. EXPENDITURE OF GRANT FUNDS & COMPLIANCE PLAN WITH EPA's Pre-award Compliance Review for Nonprofit Organizations

Mother Africa has effectively stewarded multiple King County grant funds upwards of $500,000 each over the past several years. We have also effectively stewarded Washington State funds (Department of Ecology) in the amount of $240,000. Our grants are expended in a timely and efficient manner. We have conducted annual independent audits the past 2 fiscal years with no findings, as well as fiscal desk monitoring with King County with no findings. We have no concerns about being able to comply with the EPA's Pre award Compliance Review for Nonprofit Organizations.

5.0 PAST PERFORMANCE

Submit a list of federally and/or non-federally funded assistance agreements that your organization performed within the last three years. Assistance agreements include grants and cooperative agreements, but not contracts. List no more than 5 agreements.

We do not have any federally funded agreements to date. Here are 5 of our largest Non-federally funded assistance grants:

1. King County Best Starts for Kids Universal Developmental Screening.
2. King County Best Starts for Kids Innovation Fund. This was completed in 2022 and led to a new award in a different department.
3. King County Best Starts for Kids Youth & Family Homelessness Prevention Initiative.
4. Washington State Department of Ecology Public Private Partnerships, Solid Waste Reduction.
5. Department of Social and Human Services Office of Refugees and Immigrants sub-contract award for Refugee Youth Mentorship Program (sub-contract of World Relief).

All 5 of these contracts have been successfully run. Four of the five programs are currently active, with timely expenditure and reporting on all anticipated outputs and outcomes. All 5 programs have had acceptable final technical reports submitted under these agreements, leading to contract extensions or new awards.

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: South Willamette Solutions

Address: 48513 Hwy 58, Ste 5

City: Oakridge

State: OR: Oregon Zip Code: 97463

B. Unique Entity Identifier (UEI): SQD3M1XTDLZ7

C. Applicant/Recipient Point of Contact

Name: Sarah Altemus-Pope

Phone: Ex. 6 Personal Privacy (PP)

Email: director@southwillamettesolutions.org

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Sarah Altemus-Pope	Executive Director	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Sarah | Middle Name:
Last Name: Altemus-Pope | Suffix:
Title:
Complete Address:
Street1: 48513 Hwy 58, Ste 5
Street2:
City: Oakridge | State: OR: Oregon
Zip / Postal Code: 97463 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: director@swfcollaborative.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Sarah | Middle Name:
Last Name: Altemus-Pope | Suffix:
Title: Executive Director
Complete Address:
Street1: 48513 Hwy 58, Ste 5
Street2:
City: Oakridge | State: OR: Oregon
Zip / Postal Code: 97463 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: director@southwillamettesolutions.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Sarah | Middle Name:
Last Name: Altemus-Pope | Suffix:
Title: Executive Director
Complete Address:
Street1: 48513 Hwy 58, Ste 5
Street2: Suite #5
City: Oakridge | State: OR: Oregon
Zip / Postal Code: Ex. 6 Personal Privacy (PP) | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: director@southwillamettesolutions.org

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: | First Name: Dustin | Middle Name:

Last Name: Rymph | Suffix:

Title: South Willamette Solutions Project Manager

Complete Address:

Street1: 48513 Hwy 58, Ste 5

Street2:

City: Oakridge | State: OR: Oregon

Zip / Postal Code: 97463 | Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**

E-mail Address: staff@swfcollaborative.org

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: South Willamette Solutions

* b. Employer/Taxpayer Identification Number (EIN/TIN): 84-2003040

* c. UEI: SQD3M1XTDLZ7

d. Address:

* Street1: 48513 Hwy 58, Ste 5
Street2:
* City: Oakridge
County/Parish:
* State: OR: Oregon
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 97463-9737

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Sarah
Middle Name:
* Last Name: Altemus-Pope
Suffix:

Title: Executive Director

Organizational Affiliation:

* Telephone Number: Ex. 6 - Personal Privacy (PP)
Fax Number:

* Email: director@swfcollaborative.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Oakridge-Westfir Wildfire Adaptation and Resiliency Project

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: OR-004 * b. Program/Project: OR-004

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 * b. End Date: 10/31/2026

18. Estimated Funding ($):

* a. Federal	150,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	150,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name: Sarah

Middle Name:

* Last Name: Altemus-Pope

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 Personal Privacy (PP) Fax Number:

* Email: director@swfcollaborative.org

* Signature of Authorized Representative: Sarah Altemus-Pope * Date Signed: 04/14/2023

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

EJCPS

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Sarah
Altemus-Pope

48513 Hwy 58, Ste 5
Oakridge
OR: Oregon
97463
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
director@swfcollaborative.org

Sarah
Altemus-Pope

Executive Director
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USA: UNITED STATES

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director@southwillamettesolutions.org

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48513 Hwy 58, Ste 5

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Dustin
Rymph

South Willamette Solutions Project Manager
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1234-FinalLetter_84-2003040_SOUTHWILLAMETTESOLUTIONS_06102019_01.pdf
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1235-EJCPS Budget Narrative.pdf
application/pdf
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1236-EJCPS SWS Logic Model.pdf
application/pdf
cublLYO+lLI2Ktlr+EKZimgWR9o=

1237-EJCPS PM Resume_Dustin Rymph.pdf
application/pdf
7pKilpZqPOLGViB1klgazQzJMN0=

1238-Letter of Support ODF.pdf
application/pdf
32Oo4oZaN7snGQ6ApK5kNr/Lnj0=

1239-LRAPA commitment letter for SWS Environmental Justice Collaborative Support grant.pdf
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JrqXwYVv56MCV5zMxIt3LF8lChs=

1240-MFRD EJCPS support Ltr..pdf
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/X9FMNGAJypngggH5ufDzeGY/SU=

1241-LCFirewise_Support_SWFC.pdf
application/pdf
Tl/7Y+wKZXCTuDWB4WOcuwICElc=

1242-OSU_EJCPS support Ltr. (completed-Adobe Sign).pdf
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tRoRZ4f7CaR4TDuX/6iSPARV+k8=

1243-LOS_SWS_MFWWC2023.pdf
application/pdf
JdxiR2IC4vNHOgWBeMO7faXTo/Q=

1244-Cities of Oakridge and Westfir EJCPS support Ltr. - signed.pdf
application/pdf
AAE4+q25HpFyXjc39SS2zOBqUdE=

1245-Oakridge Community Firewise Event + Film Screening FINAL.pdf
application/pdf
S+r7BAZLWL2TiTxhP0ULToYUFMA=

1246-Forests & Fire Community Conversations v2 (1).pdf
application/pdf
poFwKnGLzPj+AxdUzwkA6iN2x0E=

1247-OW Fire Mitigation Projects 2022-2023 6_3 (1).pdf
application/pdf
ANKrpPzJ9sjDUSnf5waeDmLvVdI=

South Willamette Solutions
48513 Hwy 58, Ste 5
Oakridge
OR: Oregon
97463

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Sarah Altemus-Pope
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director@southwillamettesolutions.org
Executive Director
N: No
N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Sarah Altemus-Pope
Executive Director
2023-04-14

1248-EJCPS SWS Application.pdf
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Application
New
2023-04-14
South Willamette Solutions
84-2003040
SQD3M1XTDLZ7
48513 Hwy 58, Ste 5
Oakridge
OR: Oregon
97463-9737
USA: UNITED STATES

Sarah
Altemus-Pope

Executive Director
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M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Oakridge-Westfir Wildfire Adaptation and Resiliency Project
OR-004
OR-004
2023-11-01
2026-10-31
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c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Sarah
Altemus-Pope

Executive Director
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director@swfcollaborative.org
Sarah Altemus-Pope
2023-04-14

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Sarah Altemus-Pope
GRANT13861935

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: JUN 2 1 2019

SOUTH WILLAMETTE SOLUTIONS
47663 HWY 58 SUITE A
OAKRIDGE, OR 97463-0000

Employer Identification Number:
84-2003040
DLN:
26053563003309
Contact Person:
CUSTOMER SERVICE ID# 31954
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)
Accounting Period Ending:
December 31
Public Charity Status:
509(a)(2)
Form 990/990-EZ/990-N Required:
Yes
Effective Date of Exemption:
June 06, 2019
Contribution Deductibility:
Yes
Addendum Applies:
No

Dear Applicant:

We're pleased to tell you we determined you're exempt from federal income tax under Internal Revenue Code (IRC) Section 501(c)(3). Donors can deduct contributions they make to you under IRC Section 170. You're also qualified to receive tax deductible bequests, devises, transfers or gifts under Section 2055, 2106, or 2522. This letter could help resolve questions on your exempt status. Please keep it for your records.

Organizations exempt under IRC Section 501(c)(3) are further classified as either public charities or private foundations. We determined you're a public charity under the IRC Section listed at the top of this letter.

If we indicated at the top of this letter that you're required to file Form 990/990-EZ/990-N, our records show you're required to file an annual information return (Form 990 or Form 990-EZ) or electronic notice (Form 990-N, the e-Postcard). If you don't file a required return or notice for three consecutive years, your exempt status will be automatically revoked.

If we indicated at the top of this letter that an addendum applies, the enclosed addendum is an integral part of this letter.

For important information about your responsibilities as a tax-exempt organization, go to www.irs.gov/charities. Enter "4221-PC" in the search bar to view Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, which describes your recordkeeping, reporting, and disclosure requirements.

Letter 947

SOUTH WILLAMETTE SOLUTIONS

Sincerely,

Stephen A. Martin

Director, Exempt Organizations
Rulings and Agreements

Letter 947

Ex. 6 Personal Privacy (PP)

• Ex. 6 - Personal Privacy (PP) • Ex. 6 - Personal Privacy (PP) LinkedIn Profile •

Education

University of Oregon, Eugene, OR
September 2019- June 2021: 4.05 GPA
M.S. in Conflict and Dispute Resolution
(Specialization: Land Use Conflict)
Oxford Consortium for Human Rights Fellow

University of Nebraska, Lincoln, NE.
August 2006 - May 2011 3.67 GPA
B.A. in Political Science
E.N. Thompson Scholars Forum

Relevant Coursework:
Environmental Justice (ENVS 535), Cross-Cultural Dynamics of Conflict Resolution (CRES 615) Land Use Planning Policy (PPPM 610), Facilitation (CRES 670), Environmental Conflict Resolution (CRES 660), NEPA Assessments (PPPM 508), Mediation (LAW 660)

Relevant Professional Experience

Southern Willamette Forest Collaborative
Project Manager- RARE AmeriCorps *September 2022 - July 2023*
Outreach Coordinator- RARE AmeriCorps *September 2021 - July 2022*

- Co-authored grant proposals for, managed implementation of, and monitored over $700k worth of successful wildfire mitigation projects
- Convened and facilitated interagency meetings between local, county, state, and federal fire officials alongside cooperating residents in the county's first Fire Safe Council
- Facilitated the Recreation Committee, bringing together recreation economy stakeholders to share information with, and provide input to, US Forest Service staff
- Conducted over 100 assessments advising residents on reducing wildfire risk to their homes
- Convened and facilitated a Community Disaster Readiness Group in order to begin integrating the community into effective all-hazards emergency management

Thurston Community Garden *March 2021 - December 2022*
Garden Manager

- Managed and coordinated over 20 gardeners, performing manual labor as well as resolving conflicts, liaising between partner organizations, and managing volunteers

Lincoln Southwest High School *August 2014 - March 2019*
Public Forum Debate Coach

- Wrote monthly policy analyses on wide-ranging topics for educational use
- Coached, supervised at tournaments, and created lesson plans for high school debaters

Volunteer Experience

Westfir-Oakridge Local Food Hub (WOLFH) *March 2020 - Fall 2022*
Secretary

- Helped to form a nonprofit dedicated to food security and community building in and around Oakridge, OR

Thurston Food Pantry *March 2021 - Fall 2022*
Steering Committee, Food Delivery Volunteer

- Harvested fresh produce from the community garden and distributed food boxes at a local mobile home park

Alternatives to Violence Project *December 2017 - May 2018*
Volunteer Facilitator

- Facilitated conflict resolution workshops, primarily with inmates on work release

Proyecto Chico Mendes *February 2014 - April 2014*
Restoration Technician

- Volunteered as a laborer to help re-establish a culturally important tree species in rural Guatemala

Certifications

Oregon Certified Mediator *March 2020*
UO Mediation Course (Law 600)

Community Emergency Management Team (CERT) Training *September 2022*
Basic course through Eugene-Springfield Emergency Management

Human Subjects Research *July 2020*
CITI Program

FEMA Emergency Management Courses
IS-100.c: Introduction to the Incident Command System
IS-0235.c: Emergency Planning

LRAPA
Lane Regional Air Protection Agency

1010 Main St
Springfield, OR 97477

Phone [redacted]
Fax [redacted]
http://www.lrapa.org
E-mail: lrapa@lrapa.org

April 13, 2023

U.S. Environmental Protection Agency (EPA)
Office of Environmental Justice and External Civil Rights

RE: Letter of Commitment and Support for Environmental Justice Collaborative Problem-Solving (EJCPS) Lane Regional Air Protection Agency

Dear EPA,

Lane Regional Air Protection Agency (LRAPA) is the regional air authority for Lane County, and we are strongly committed to providing clean air and reducing PM2.5 in Oakridge. LRAPA has been a partner with the Southern Willamette Forest Collaborative (SWFC) project from the beginning, as a member of the community air attainment group that eventually led to the community firewood program and two EPA Targeted Airshed Grant (TAG) awards that LRAPA administers under the banner of Oakridge Air. SWS is contracted by LRAPA to deliver Oakridge Air home heating upgrades and community outreach, and we work closely together to provide smoke education and messaging to the community.

Public health and fire adaptation are intertwined in Oakridge, and we fully agree that the most vulnerable to fire and smoke should be engaged with first. In 2022, the Cedar Creek Fire, located 15 miles east of Oakridge, burned 127,311 acres of forest and wilderness land in the Willamette National Forest. This lightning-caused fire required the mandatory evacuation of Oakridge and severely impacted air quality. Between September 1 and October 31, 2022, 37 days experienced 24-hour averages above health-based standards set by the EPA.

Adding capacity through this grant proposal would be instrumental in reducing wildfire risk to the community, maintaining the community Firewise program, and moving Oakridge-Westfir towards becoming a fire-adapted community.

LRAPA commits to partnering with Oakridge Collaborative Wildfire Resiliency and Adaptation Project in the following ways:

- Coordinating with SWS to provide effective public education on the dangers of smoke through the Oakridge Air and SWFC projects;
- Using our networking resources to help SWS reach the people who have the highest need;
- Continuing to participate in the annual Community Wildfire Safety Night;
- Assisting where the Oakridge Air project smoke outreach coincides with this project.

LRAPA is dedicated to equitable public health outcomes and recognizes that funding for added capacity through the EJCPS grant would be beneficial to this goal.

Sincerely,

Steven A Dietrich

Steven A. Dietrich
Executive Director

April 3, 2023

U.S. Environmental Protection Agency (EPA)
Office of Environmental Justice and External Civil Rights

RE: Letter of Commitment and Support for Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program for the Middle Fork Ranger District of the Willamette National Forest

Dear EPA,

The Willamette National Forest would like to register its support for the South Willamette Solutions (SWS) application to the EPA EJCPS grant. The Middle Fork Ranger District (MFRD) is located in Westfir, Oregon and works with the SWS on projects that benefit the National Forest System and the local communities.

The Oakridge-Westfir area is completely surrounded by Forest Service lands, and cooperation is both mutually beneficial and critical to resilience and equitable outcomes in the face of wildfire. Wildfire is a common occurrence on MFRD. In 2023, the Cedar Creek fire affected 15% of the MFRD and caused a level 3 evacuation of Oakridge-Westfir. MFRD staffs a full fire crew, 4 engines, and a call when needed helicopter each season. The MFRD regularly participates in mutual aid initial attack when called and has responded to numerous brush fires in town.

SWS has proactively worked to encourage the local community to adopt fire-adaptive practices. They have facilitated consistent, effective lines of communication and opportunities for planning between our agency and community members. In 2021, these efforts led to Firewise redesignation for the greater Oakridge-Westfir area and official designation for the City of Oakridge. Educating the community and encouraging property improvements not only helps the city in the event of fire, but it allows greater access for managing fires on Forest Service land and can help prevent the growth of fires. SWS engaged Forest Service staff to help complete Firewise assessments and facilitates discussions for cross-boundary treatments with private landowners, state agencies, and other stakeholders.

The Oakridge Collaborative Wildfire Resiliency and Adaptation Project (OCWRAP) seeks to address these challenges by taking SWS's recent success in mitigation and focusing on the most vulnerable residents. Facilitating community engagement and promoting sustainable practices that reduce the impacts of wildfires and smoke exposure are important functions that SWS provides. The Willamette National forest provides $20,000 funding annually for the SWFC through Challenge Cost Share agreement, 22-CS-11061800-022, Southern Willamette Forest Collaborative Capacity Building and Coordination. Our contribution to the OWCRAP EJPCS project will include:

1. Enhancing safety and risk reduction through prioritized fuels reduction projects and wildfire mitigation efforts.

2. Provide technical assistance for cross boundary field reduction projects and prescribed burning.
3. Continue to participate as an advisory member to the South Willamette Solutions board of directors.
4. Continue to participate in monthly SWFC meetings including the fire safe council and implementation advisory committee.
5. Provide meeting space for collaborative meeting and workshops at the Middle Fork Ranger District.
6. Provide SWS access to ArcGIS Online and share relevant spatial data through ESRI for planning purposes.

If there are further questions about our work with SWS, please don't hesitate to call Molly Juillerat, Middle Fork District Ranger Ex. 6 - Personal Privacy (PP) or Cameron Mitchell, Deputy District Ranger Ex. 6 - Personal Privacy (PP) for further information.

Sincerely,

MOLLY JUILLERAT

Digitally signed by MOLLY JUILLERAT
Date: 2023.04.13 14:55:53 -07'00'

Molly Juillerat
Middle Fork District Ranger
Willamette National Forest

Oregon

Department of Forestry
South Cascade District
Eastern Lane Unit
3150 Main St
Springfield, OR. 97478-5800
Phone: Ex. 6 - Personal Privacy (PP)
FAX: Ex. 6 - Personal Privacy (PP)

"STEWARDSHIP IN FORESTRY"

April 3, 2023

U.S. Environmental Protection Agency (EPA)
Office of Environmental Justice and External Civil Rights

RE: Letter of Commitment and Support for Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program for Oregon Department of Forestry

Dear EPA,

Oregon Department of Forestry (ODF) would like to register support for the South Willamette Solutions' (SWS) proposal for the Oakridge-Westfir Wildfire Resiliency and Adaptation Project (OWWRAP). This project will add crucial capacity to the community's efforts to reduce wildfire risk, become wildfire adapted and improve interagency coordination. The Cities of Oakirdge and Westfir have been identified as priority areas for wildfire risk mitigation due to the location within the Wildland Urban Interface (WUI) and the high risk of damage from wildfires.

ODF worked closely with the Southern Willamette Forest Collaborative (SWFC), the main project of SWS, to develop both the Greater Oakridge-Westfir Area and City of Oakridge Firewise Assessments. ODF has funded SWS to administer fuels reduction projects for WUI surrounding Oakridge and Westfir, assisted in identifying priority areas for treatment, and helped develop treatment prescriptions. ODF also participates in the SWFC led Fire Safe Council meetings.

ODF Partners commit to aiding this project in the following ways:

- Participate in monthly Fire Safe Council and SWFC Implementation Advisory Committee meetings.
- Assist with maintaining an active status for the City of Oakridge and Greater Oakridge-Westfir Area Firewise communities.

- Provide technical assistance for prescribed fire planning and implementation and smoke permitting.
- Collaborate to identify priority projects for ODF Western States Fire Managers Grant and Community Assistance Grant in the Oakridge-Westfir WUI.

Increasing collaboration and coordination for this work in Oakridge and Westfir is crucial to lower the wildfire risk to people and property. This proposed in-community work will build upon agency projects and help to protect the communities from wildfire and make the landscape more resilient. When coupled with the recent fuels reduction efforts managed by SWS, this grant funding will help fulfill the firewise assessment goals.

If you have any questions regarding the support of this project, please feel free to reach out to me.

Regards,

/s/ Connor Devore

Connor Devore
Fire Planning Foresters
ODF Eastern Lane
3150 Main Street
Springfield, OR 97478
Ex. 6 - Personal Privacy (PP)
connor.c.devore@odf.oregon.gov

Lane County Firewise Program
3050 N Delta Highway
Eugene, Oregon 97408

April 3, 2023

U.S. Environmental Protection Agency (EPA)
Office of Environmental Justice and External Civil Rights

RE: Letter of Commitment and Support for Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program from the Lane County Firewise Incentive Program.

Dear EPA,

The Lane County Firewise Incentive Program, is a program of the Lane County Land Management Division, Lane County, Oregon. Firewise offers rural Lane County homeowners financial assistance to make their homes better able to survive wildfires. We frequently collaborate with South Willamette Solutions and the Southern Willamette Forest Collaborative (SWFC), and support their proposal for the Oakridge-Westfir Wildfire Resiliency and Adaptation Project (OWWRAP). As Firewise professionals, we recognize the need for those at the highest risk to be targeted for assistance.

Lane County Firewise staff have worked closely with the Southern Willamette Forest Collaborative to train their staff to conduct Firewise Home Ignition Zone assessments, helped connect homeowners to their programming, and regularly attend Fire Safe Council meetings facilitated by SWFC. Lane County Firewise intends to aid this proposed project in the following ways:

- Continue to leverage partnerships to effectively administer the Lane County Firewise Incentive program to vulnerable community homeowners;
- Participate in monthly Fire Safe Council and SWFC Implementation Advisory Committee meetings;
- Share information and training about Structural Ignition Potential to local residents;
- Share information about funding opportunities with residents and agency partners;
- Continue to participate in the Oakridge-Westfir Community Wildfire Safety Night.

This proposed in-community work is consistent with and supports our program's efforts, and helps to make Home Ignition Zone assistance more accessible to a wider community.

If you have any questions regarding our support of this project, please feel free to reach out to our staff.

Regards,

Lane County Department of Public Works
Land Management Division: Firewise Program
3050 N Delta Hwy, Eugene, OR 97408
Office: Ex. 6 - Personal Privacy (PP)

April 3, 2023

U.S. Environmental Protection Agency (EPA)
Office of Environmental Justice and External Civil Rights

RE: Letter of Commitment and Support for Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program Oregon State University Extension Fire Program

Dear EPA,

The Oregon State University Extension Fire Program's mission is in direct alignment with the South Willamette Solutions (SWS) proposal for the EPA EJCPS grant. Focusing on environmental justice is of top importance when it comes to addressing the wildfire crisis in the West.

OSU Extension partners with local communities to provide trusted expertise and science-based knowledge to address critical issues and help every Oregonian thrive. We are committed to creating positive change through programs and providing spaces where each person feels safe and welcome. Our research, programs, partnerships and volunteer opportunities are focused on creating healthy communities and economies, resilient and productive forests and natural ecosystems, sustainable agriculture, food systems, and gardening, and thriving youth, individuals and families.

OSU Extension is committed to collaborating with the Oakridge Collaborative Wildfire Resiliency and Adaptation Project (OCWRAP) in the following ways:

- Use OSU Extension's networking capacity to connect important stakeholders to project completion;
- Provide place-based and audience appropriate education and material to SWS and its partners about the role of prescribed fire for wildfire risk mitigation and forest health;
- Provide technical assistance to advise SWFC and partners how navigate the Oregon Department of Forestry's Certified Burn Manager training program;
- Help SWS navigate the regulatory and social landscape as necessary to complete strategically sound fuels reduction.

In the last five years, significant wildfires have heavily impacted the Oakridge area, threatening structures and creating prolonged hazardous smoke intrusions. Events such as the 2022 Cedar Creek Fire, which caused evacuation of the community and record breaking smoke effects, have proven the need to collaborate on mitigation projects that represent uniquely vulnerable populations. OSU Extension Service supports this project to reach the most vulnerable Oakridge-Westfir residents including those with lower incomes, people of color, indigenous people, people whose primary language is not English, and people with disabilities who are disproportionately impacted by the risk posed by wildfire.

Sincerely,

Kayla Bordelon

Kayla Bordelon (Apr 11, 2023 14:39 PDT)

Kayla Bordelon, Ph.D. (*she/her*)
Regional Fire Specialist, Willamette Valley & North Cascades
Assistant Professor (Practice), Forestry & Natural Resources Extension Fire Program
Oregon State University | c. Ex. 6 - Personal Privacy (PP)

MIDDLE FORK
WILLAMETTE
WATERSHED COUNCIL

April 3, 2023

U.S. Environmental Protection Agency (EPA)
Office of Environmental Justice and External Civil Rights

RE: Letter of Commitment and Support for Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program

Dear EPA,

The Middle Fork Willamette Watershed Council (MFWWC) works with communities for a healthy Middle Fork Willamette watershed through environmental education and habitat restoration. We are a non-regulatory nonprofit bringing local property owners, residents, stakeholders, and private land managers together with local, state, and federal agencies to form a common vision for the ecological and economic sustainability and livability of our watershed. To help bring these stakeholders together, we frequently work together with South Willamette Solutions and the Southern Willamette Forest Collaborative (SWFC) and Oakridge Air project.

Fire adaptation has become a top priority in our ecological restoration and education efforts. Recent wildfires have burned through vast areas in our watershed, often threatening communities and ecosystem health. Adding capacity through OWWARP will be instrumental in maintaining resiliency in the communities and environment around Oakridge-Westfir. The MFWWC commits to partnering with the Oakridge Collaborative Wildfire Resiliency and Adaptation Project in the following ways:

- Assisting in educational outreach with local schools, incorporating fire ecology and science when appropriate.
- Continuing to act as an advisory board member for South Willamette Solutions.
- Continuing to participate in SWFC committee meetings, such as the Fire Safe Council and the Implementation Advisory Committee
- Continuing as one of the main implementing partners for the Oakridge Air project, delivering smoke safe curriculum and education to the Oakridge School District.

This proposal to focus on the most vulnerable residents in Oakridge and Westfir is critical to facilitate community engagement and promote wildfire risk reduction activities to reduce the impacts of wildfires and smoke exposure in the communities of the Upper Willamette watershed.

Sincerely,

Dov Weinman
Executive Director
Middle Fork Willamette Watershed Council

655 A Street STE A/B, Springfield, OR 97477 - Ex. 6 - Personal Privacy (PP)
dov@middleforkwillamette.org - https://www.middleforkwillamette.org/

April 3, 2023

U.S. Environmental Protection Agency (EPA)
Office of Environmental Justice and External Civil Rights

RE: Letter of Commitment and Support for
Environmental Justice Collaborative
Problem-Solving (EJCPS) Cooperative Agreement Program
City of Oakridge and City of Westfir

Dear EPA,

Oakridge and Westfir have worked for years to address economic and social challenges faced since the downturn of the timber industry decades ago. Through various projects, Oakridge and Westfir city leaders have worked with agency and nonprofit partners to bring in millions of dollars to purchase and remediate the Oakridge Industrial Park, address wood smoke pollution, promote recreation and tourism, and maintain infrastructure and services that are impressive for the size of the community.

These efforts are put at risk by the increasing threat of wildfire. The last ten years have seen multiple wildfires adjacent to Oakridge and Westfir and the past two years fires have forced evacuations. According to the Oregon Wildfire Risk Explorer, much of the surrounding forests are expected to burn with high or intense fire severity in the future. Community populations rank in the highest relative Social Vulnerability Index (SVI) category, with a poverty rate of 30% in Oakridge. It is well-known that vulnerable populations are more susceptible to the dangers of wildfire, and less likely to be able to afford the means to mitigate their risk.

South Willamette Solutions (SWS) has worked to support the two Cities and bring needed change to the community's approach to wildfire preparedness. Among the efforts that SWS has led or partnered to achieve are four different fuels reduction projects, emergency assistance during wildfire evacuations, a community yard waste program, and the inclusion of two new Firewise communities. The OWWARP project would add crucial capacity to address wildfire resilience in Oakridge-Westfir. The Cities of Oakridge and Westfir pledge their commitment to the project in the following ways:

- Oakridge will continue to provide space in the Oakridge Industrial Park for the community yard debris program and community firewood program;
- Oakridge and Westfir will assist in sharing information with citizens about how to volunteer time to maintain the Greater Oakridge-Westfir Area and City of Oakridge Firewise communities;
- Oakridge and Westfir will continue to participate in the annual Community Wildfire Safety Night;
- Oakridge and Westfir will continue to participate in monthly Fire Safe Council meetings and other SWFC committees as appropriate;

- Oakridge and Westfir will continue to share information with the public about prescribed burning and ways people can protect themselves from smoke in accordance with the Oakridge Smoke Safety Plan.

This proposal to focus on **the most vulnerable residents** in Oakridge and Westfir is critical to **facilitate community engagement and promote wildfire risk reduction activities to reduce the impacts of wildfires and smoke exposure** in our communities. We fully support this proposal.

Sincerely,

Bryan Cutchen
Bryan Cutchen (Apr 14, 2023 09:36 PDT)

Bryan Cutchen, Mayor
Oakridge, Oregon

D'Lynn Williams
D'Lynn Williams (Apr 14, 2023 15:49 PDT)

D'Lynn Williams, Mayor
Westfir, Oregon

Cities of Oakridge and Westfir EJCPS support Ltr.

Final Audit Report 2023-04-14

Created:	2023-04-13
By:	Sarah Altemus-Pope (director@swfcollaborative.org)
Status:	Signed
Transaction ID:	CBJCHBCAABAA6QFw2FfBlhOgiXlcM7YX0Jmo9TlCqhmn

"Cities of Oakridge and Westfir EJCPS support Ltr." History

Document created by Sarah Altemus-Pope (director@swfcollaborative.org)
2023-04-13 - 10:28:03 PM GMT

Document emailed to Kathy Holston Ex. 6 - Personal Privacy (PP) for signature
2023-04-13 - 10:29:36 PM GMT

Email viewed by Kathy Holston Ex. 6 - Personal Privacy (PP)
2023-04-13 - 10:29:39 PM GMT

Signer Kathy Holston Ex. 6 - Personal Privacy (PP) entered name at signing as Bryan Cutchen
2023-04-14 - 4:36:47 PM GMT

Document e-signed by Bryan Cutchen Ex. 6 - Personal Privacy (PP)
Signature Date: 2023-04-14 - 4:36:49 PM GMT - Time Source: server

Document emailed to Ex. 6 - Personal Privacy (PP) for signature
2023-04-14 - 4:36:51 PM GMT

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2023-04-14 - 6:30:25 PM GMT

Sarah Altemus-Pope (director@swfcollaborative.org) added alternate signer staff@swfcollaborative.org. The original signer Ex. 6 - Personal Privacy (PP) can still sign.
2023-04-14 - 10:45:56 PM GMT

Document emailed to staff@swfcollaborative.org for signature
2023-04-14 - 10:45:57 PM GMT

Email viewed by staff@swfcollaborative.org
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EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Mr. First Name: Eliot Middle Name: Joseph
Last Name: Oreskovic Suffix:

Title: Managing Director of Operations

Complete Address:

Street1: 5426 Flowerdale Ave.
Street2:
City: Cleveland State: OH: Ohio
Zip / Postal Code: 44144 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: eliot@esportsus.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: Mr. First Name: Eliot Middle Name: Joseph
Last Name: Oreskovic Suffix:

Title: Managing Director of Operations

Complete Address:

Street1: 5426 Flowerdale Ave.
Street2:
City: Cleveland State: OH: Ohio
Zip / Postal Code: 44144 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: eliot@esportsus.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: Mr. First Name: Eliot Middle Name: Joseph
Last Name: Oreskovic Suffix:

Title: Managing Director of Operations

Complete Address:

Street1: 5426 Flowerdale Ave.
Street2:
City: Cleveland State: OH: Ohio
Zip / Postal Code: 44144 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: eliot@esportsus.org

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: Mrs. First Name: Sarah Middle Name:

Last Name: Han Suffix:

Title: Managing Director of Communications

Complete Address:

Street1: [redacted]

Street2: [redacted]

City: Anaheim State: CA: California

Zip / Postal Code: 92806 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: sarah@esportsus.org

EPA Form 5700-54 (Rev 4-02)

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: United States Esports Association

Address: 100 N Howard Str., Ste W

City: Spokane

State: WA: Washington Zip Code: 99201

B. Unique Entity Identifier (UEI): YNA3Y5YCC4L5

C. Applicant/Recipient Point of Contact

Name: Eliot J. Oreskovic

Phone: Ex. 6 Personal Privacy (PP)

Email: eliot@esportsus.org

Title: Managing Director of Operations

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☐ Yes ☒ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Eliot Oreskovic	Managing Director of Operations	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: United States Esports Association

* b. Employer/Taxpayer Identification Number (EIN/TIN): 83-1064062

* c. UEI: YNA3Y5YCC4L5

d. Address:

* Street1: 100 N Howard Str.
Street2: Ste W
* City: Spokane
County/Parish:
* State: WA: Washington
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 99201-0508

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Mr.
* First Name: Eliot
Middle Name: Joseph
* Last Name: Oreskovic
Suffix:

Title: Managing Director of Operations

Organizational Affiliation: United States Esports Association

* Telephone Number: Ex. 6 Personal Privacy (PP)
Fax Number:

* Email: eliot@esportsus.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

esports.eco: Addressing Scope 2 emissions from esports activities from electricity consumption at local esports venues, and combating climate change at the community level, with national effect

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: WA-5 * b. Program/Project: OK-1

Attach an additional list of Program/Project Congressional Districts if needed.

1254-aea_usea_ejcps23_cds.pdf | Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 * b. End Date: 10/31/2026

18. Estimated Funding ($):

* a. Federal	149,436.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	149,436.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Mr. * First Name: Eliot

Middle Name: Joseph

* Last Name: Oreskovic

Suffix:

* Title: Managing Director of Operations

* Telephone Number: Ex. 6 Personal Privacy (PP) Fax Number:

* Email: eliot@esportsus.org

* Signature of Authorized Representative: Eliot Oreskovic * Date Signed: 04/14/2023

1.0: PROGRAM OBJECTIVES

a. Project Summary

Project Title: Oakridge-Westfir Wildfire Adaptation and Resiliency Project (OWWARP)
Project Location: East Lane County, Oregon: Oakridge, 97463; Westfir, 97492
Applicant Information:

Name of Organization: South Willamette Solutions
Address: 48513 Hwy 58, Ste 5, Oakridge Oregon, 97483
Main Contact: Sarah Altemus-Pope, Executive Director, Ex. 6 - Personal Privacy (PP)
Email: director@southwillamettesolutions.org

Brief Description of Applicant Organization:

South Willamette Solutions (SWS) is a community-based nonprofit in Oakridge, Oregon, with the mission **to promote, coordinate and support creative solutions that strengthen rural communities, economies and landscapes**. SWS brings together community members, conservation groups, industry, agencies and land managers to find common ground on environmental challenges and co-create balanced, sustainable solutions.

SWS main projects are the Southern Willamette Forest Collaborative (SWFC) and Oakridge Air. Projects are overseen by the SWS board of directors made of seven community members and four advisory positions with Forest Service and City of Oakridge, City of Westfir and Middle Fork Willamette Watershed Council.

Are you applying for the Small CBO Set Aside Track for $150,000 projects?: Yes, attached

Project Abstract:

This project aims to bolster the capacity of SWFC's Firewise and Fire Adapted Community programs by transitioning an AmeriCorps member into a staff position. SWS, Oakridge Air, and SWFC programs serve the historically disadvantaged communities of Oakridge and Westfir, which lie entirely within the Wildland Urban Interface (WUI) and frequently experience hazardous air quality due to wildfires.

The Oakridge Air project primarily tackles wintertime woodsmoke and implements a community response plan for smoke, while SWFC focuses on fuel reduction projects to diminish wildfire threats. Since forming two Firewise communities in 2019, SWFC has administered grants to execute private lands fuel reduction projects, manage yard debris and community firewood programs, and establish a volunteer community disaster readiness group.

Pursuing the National Cohesive Wildfire Management Strategy's vision of a Fire Adapted Community demands comprehensive interagency collaboration, community coordination, and public outreach. Enhancing SWFC's capacity allows for more effective identification and addressing of Oakridge-Westfir's vulnerable residents' needs. SWFC is poised to advance these goals while prioritizing support for disproportionately affected communities by:

1. Promoting sustainable practices to mitigate climate change and reduce wildfire risks;

2. Involving all community members and ensuring access to decision-making processes;
3. Educating on wildfire hazards and risk-reduction strategies;
4. Providing access to resources for wildfire mitigation;
5. Expanding the community disaster readiness group for comprehensive emergency preparedness and response.

SWFC remains dedicated to uniting stakeholders in addressing these challenges and protecting vulnerable populations from wildfire impacts.

Project Type(s): Emergency Preparedness and Disaster Resiliency, Collaborative Capacity Building, Stakeholder Engagement, Community Engagement

Special Considerations: Climate Change, Disaster Resiliency, Rural Areas

Environmental Issues: Air Quality, Ecosystem Health, Life Safety Risks related to Wildfire

List of Project Partners:

Partner Name	Stakeholder Group
Lane Regional Air Protection Authority	Regulatory Agency
US Forest Service, Middle Fork Ranger District	Federal Government
Oregon Department of Forestry	State Government
City of Oakridge	Municipal Government
City of Westfir	Municipal Government
Oregon State University (OSU) Extension	Academic
University of Oregon	Academic
Lane County Firewise Office	County Government
Middle Fork Willamette Watershed Council	Watershed Council

Will you need to develop a QAPP for your project?: NO

b. Environmental and Public Health information of the Underserved Community:

Oakridge-Westfir is designated WUI and at high wildfire risk by the Lane County Community Wildfire Protection Plan (CWPP). Because The area is completely surrounded by forest topography and frequent lightning events, residents are impacted by wildfire almost every year. Approximately 4,500 residents live in the area and there are 1,900 homes in the Greater Oakridge-Westfir Area and City of Oakridge Firewise neighborhoods. The CWPP recognizes that reducing risk to wildfire is a shared responsibility and requires collaboration between citizens, non-profit organizations, agencies, and the community to develop better solutions, share resources, and utilize limited funding more efficiently.

Oakridge and Westfir are both within the Oakridge airshed, which is a state designated Smoke Sensitive Receptor Area (SSRA) and has been in violation of EPA's federal air quality standards for PM2.5 for decades. Oakridge's air quality is poor, leading to higher risks of respiratory and heart problems, and even cancer. This community is in the 99th and 100th percentile rankings in both cancer risk and respiratory hazard indicators and has a disproportionately older and lower

income demographic. Using Lead Paint indicators via the EPA's EJScreen tool, Oakridge-Westfir homes are in the 81st percentile for the EPA region, meaning that only 19% of homes in the whole region are older. Furthermore, this community ranks in the 93rd percentile for low-income indicators, 24% of the population has a disability, 14% of which are related to walking. Many people in Oakridge live in poverty, with 38% below the poverty line and 54% of those over 60 in poverty. Most students in the area receive free or reduced lunch.

EPA United States Environmental Protection Agency

EJScreen Report (Version 2.1)

the User Specified Area, OREGON, EPA Region 10

Approximate Population: 4,489

Input Area (sq. miles): 14.50

Oakridge-Westfir

Selected Variables	Value	State Avg.	%ile in State	USA Avg.	%ile in USA
Pollution and Sources					
Particulate Matter 2.5 (µg/m³)	6.82	8.69	8	8.67	11
Ozone (ppb)	40.1	37	77	42.5	32
Diesel Particulate Matter* (µg/m³)	0.0361	0.337	7	0.294	<50th
Air Toxics Cancer Risk* (lifetime risk per million)	30	32	59	28	80-90th
Air Toxics Respiratory HI*	0.4	0.47	42	0.36	80-90th
Traffic Proximity (daily traffic count/distance to road)	160	660	44	760	43
Lead Paint (% Pre-1960 Housing)	0.5	0.24	81	0.27	73
Superfund Proximity (site count/km distance)	0.019	0.081	19	0.13	17
RMP Facility Proximity (facility count/km distance)	0.019	0.78	3	0.77	1
Hazardous Waste Proximity (facility count/km distance)	0.018	1.6	6	2.2	2
Underground Storage Tanks (count/km²)	2.7	3.8	60	3.9	64
Wastewater Discharge (toxicity-weighted concentration/m distance)	N/A	0.0046	N/A	12	N/A
Socioeconomic Indicators					
Demographic Index	34%	27%	75	35%	58
People of Color	8%	25%	18	40%	21
Low Income	60%	29%	93	30%	88
Unemployment Rate	16%	5%	94	5%	92
Limited English Speaking Households	0%	2%	0	5%	0
Less Than High School Education	18%	9%	88	12%	78
Under Age 5	3%	5%	38	6%	34
Over Age 64	32%	18%	88	16%	91

The 2022 Cedar Creek Fire was a major disaster, burning over 127,000 acres and forcing evacuations. When residents returned, they faced weeks of hazardous air quality. Between September 1 and October 31, 2022, 37 days had 24-hour averages above health bases standards for PM2.5 set by the EPA.

The project will address the need for hazardous fuel reduction in communities and WUI to reduce the likelihood and intensity of wildfires. This is an environmental justice concern in Oakridge as a community in the upper percentile for disproportionately impacted populations:



Over 1100 purifiers were distributed to Oakridge and Westfir residents by SWS volunteers during the Cedar Creek Fire

those with health conditions, low incomes, who are over 64, and have less than a high school education. Creating a Fire Adapted Community and disaster readiness group will help residents be more prepared for climate change impacts. Public education on home hardening and outreach will increase understanding about the links between wildfires, air quality, and health.

Environmental/public health issues that the project seeks to address

Added staff capacity will enable SWS projects to focus on the intersection between environmental and public health issues arising from wildfire risks and smoke exposure and the increased vulnerability of impoverished, mobility-challenged populations, and people with language or cultural barriers. Fuels reduction, the most widespread form of wildfire hazard mitigation, is increasingly being planned with EJ in mind. The US Forest Service now includes Environmental Justice as a consideration when planning wildfire mitigation treatments, which means working with local communities to identify populations that are disproportionately ignored by their efforts.[1] The USGAO has suggested that the EPA cooperate with other Federal partners to strategically plan mitigation efforts in order to increase equitable outcomes.[2]

Issues:

Structure Ignition Potential: Individuals living in poverty or with mobility issues are more likely to be impacted by structure ignition during wildfires, as they have limited means to mitigate risks and face challenges in evacuating. Ember showers often exploit ignitable landscaping and unhardened home construction, putting these vulnerable populations at higher risk.

Financial and Physical Barriers: Many effective wildfire risk mitigation measures, such as removing limbs and dead trees or replacing flammable siding and roofing, are cost-prohibitive or physically demanding. These barriers leave vulnerable populations more exposed to wildfires and their consequences.

Solutions:

Targeted Fuels Reduction Assistance: SWFC will focus on providing support to those with the greatest need for fuels reduction assistance, ensuring the most vulnerable residents receive help in mitigating wildfire risks. SWFC has funding from the Oregon Office of the State Fire Marshal to assist at least 25 homes, and with added capacity can identify the most vulnerable residents based on factors such as income, disabilities, age, language barriers, and fire risk.

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[1] Ex. 6 Personal Privacy (PP)

[2] https://www.gao.gov/assets/gao-23-104723.pdf

ED_016126_00000512-00004

Capacity to Secure Funding for Wildfire Mitigation: SWFC will collaborate with partners to secure additional funding for essential wildfire mitigation measures.

Section V Factors:
Rural Areas: At populations of 3300 and 250, Oakridge and Westfir and surrounding unincorporated Lane County are classified as rural by several measures. Emergency and assistance services are difficult to come by in Oakridge-Westfir due to its rural status.
Disaster Resiliency: Fuels, topography, climate change, socioeconomics, vulnerable structures, and restricted evacuation routes make Oakridge-Westfir at high risk from wildfire, snow storms, and other disasters.

By focusing on these results, the project aims to create a safer, more resilient community that prioritizes the needs of the most vulnerable populations, mitigating the environmental and public health risks associated with wildfires.

Issue:
Emergency Preparedness: Essentials in the face of disaster, such as preparedness kits, extra savings, and a social safety net are much harder to come by for marginalized and low-income communities. Social, linguistic, and cultural barriers may also reduce information sharing during wildfire emergencies. This has borne out in recent disasters in Oakridge and Westfir.

Solutions:
Community Capacity and Resilience: SWFC has been asked to start a Community Disaster Readiness Group which can help to prepare the community for wildfire events and disasters, including evacuation support and preparedness resources. This group can also work to recruit, identify and support individuals with disabilities and health issues, ensuring that these at-risk populations are accounted for during emergencies.
Preparedness Kits: Collaborating with community partners will provide low-income residents with essential supplies for disasters, helping them be ready to evacuate when necessary.
Transportation Support: Identifying residents without reliable transportation and including them in evacuation carpool plans, ensuring timely and effective evacuations

Section V Factors:
Climate: Climate change is directly responsible for exacerbating wildfire impacts in our area in two ways: 1) The climate in western Oregon has become hotter and drier overall. This doesn't tell the whole story, though, as recent springs have been inordinately wet. This trend increases vegetative growth in the spring which increases hazardous fuels when the trend of extended dry seasons occurs. 2) The dry season has extended later into the season than recent historical record. This has a twofold effect. One, it extends the period in which fuels dry which increases fire effects. Two, it increases the amount of time that the dry season coincides with East Winds, the dry and rapid winds which have caused the explosion of mega fires in the region recently.

Capacity will provide the ability to educate the public about the ways a changing climate affects disasters and will bring together technical experts to help address climate-driven issues

How the underserved community benefit from those results

Without adequate paid professional capacity, mitigation projects can sometimes benefit the most convenient clients instead of those who have the greatest need. The underserved community, particularly those with mobility issues, low incomes, English as a second language, and respiratory problems, benefit from the project results in several ways:

- Enhanced Safety and Risk Reduction: By prioritizing vulnerable residents in fuels reduction assistance and wildfire mitigation efforts, the project helps reduce their risk of structural ignition, protecting their homes and ensuring their safety.
- Improved Emergency Preparedness: The project's focus on disaster readiness and tailored evacuation plans specifically considers the needs of those with mobility issues and language barriers, enabling them to be better prepared and supported during emergencies.
- Financial Support: Securing funding for essential wildfire mitigation measures, such as replacing roofs and siding, alleviates the financial burden on low-income residents and enables them to access resources that would otherwise be cost-prohibitive.
- Accessible Information: The project ensures that diverse populations, including those with English as a second language, have access to vital information and resources related to wildfire risks and preparedness, enabling them to make informed decisions and take appropriate actions during emergencies.
- Community Empowerment: By engaging underserved community members in decision-making processes and promoting their participation in projects, the project fosters a sense of empowerment and ownership, ultimately contributing to a more resilient and inclusive community.

Quotes from SWFC Fuels Reduction Clients:

"I would have never been able to reduce the excess amount of overgrowth on my own. I really appreciate the help to reduce potential fire disasters in the community." -Dan

"The fuel reduction project recently done on our property and my adjoining neighbors property will go a long way in providing fire prevention measures to protect our community." -Jay

c. Organization's Historical Connection to Underserved Community:

SWS was established in 2019 to be the nonprofit umbrella for Oakridge Air and the Southern Willamette Forest Collaborative (SWFC). The SWFC has been facilitating collaborative processes for forest management planning, restoration, and implementation since 2014. SWS employs 2.5 staff, who in 2022 managed over $700,000 of projects in the community. The Oakridge Air project provides certified wood stoves, ductless heat pumps and weatherization through the Oakridge Air TAG grant. Oakridge Air also helps coordinate high school CTE woodshed distribution and deliver chimney sweeps. SWFC projects provide Firewise assessments, defensible space and landscape fuels reduction treatments in Oakridge and Westfir. SWFC and Oakridge Air collaborate to implement the smoke safety plan, coordinating before and during smoke events to message to the community about all types of smoke and manage the CFP subsidized firewood program and community yard debris program.

Additional recent SWS accomplishments include:

- Forming the Greater Oakridge-Westfir Area and City of Oakridge become Firewise and Fire Adapted communities in order to prepare for smoke and wildfire events.
- Leading the local fire safe council to coordinate interagency fuels reduction treatments for critical areas of the wildland urban interface.
- Helping the Oakridge School District secure a $600K grant to remodel the high school multipurpose room with backup power and draft a cleaner air space MOU with the City.
- Developed a community response plan (called the Smoke Safety Plan) with the support of the Oregon Department of Environmental Quality to address PM2.5 pollution year round.
- Host the Willamette Activity Center Fundraising Committee to leverage a 1.5M grant to revitalize an abandoned community building to again provide essential social services.
- Coordinate cleaner air spaces, industrial air purifiers for schools and distributing over 1100 air purifiers to the public during the Cedar Creek Fire.
- Holding collaboration committee meetings for the public and agencies to work together on pressing environmental issues that impact the community and surrounding environment.

The bulk of SWS community engagement has grown from recommendations and projects that are identified in SWFC committees. Since 2014, SWFC has organized collaborative meetings with agencies, industry, special interest groups, elected leaders and the public for forest related projects planning and implementation. To tackle social, economic and ecological challenges simultaneously, the SWFC formed to bring people together on projects that integrate social and ecological objectives and environmental justice. Because of partner and public concern, programs have been added to address wildfire risks to private lands and communities. SWFC committees are open to the public and regularly have about 20 participants join monthly meetings with email lists of up to 100 participants, many of whom are local citizens.

1) **SWS Board of Directors/ SWFC Steering Committee** has been active in the upper Willamette watershed since 2014 when the SWFC steering committee was formed and started meeting monthly. The SWS was legally incorporated as a 501(c)(3) non-profit organization in 2019 to apply for and maintain grants, agreements, and oversee Oakridge Air and SWFC projects. Many of the founding members are still active on the board and with SWFC committees.

2) **SWFC Implementation Advisory Committee** (IAC) has been active since 2016 to plan cross-boundary fuels reduction, restoration projects and implementation with the Forest Service and ODF. After many years of large fires in the area, the IAC is now learning about how cross-boundary fire planning can protect communities and manage fire on the landscape.

3) **SWFC Rigdon collaboration committee** has been active since 2017 and works closely with the Forest Service Rigdon Interdisciplinary Team to develop recommendations to restore four sub-watersheds across 105,000 acres. This complex landscape covers the northernmost extent of this unique habitat type that is altered due to fire exclusion. The committee engages in pre-scoping discussions to help shape projects by identifying zones of agreement.

4) **SWFC Recreation committee** has been active since 2019. Recreation is an important local economic driver but the demands and impacts on the ground are increasing. The committee shares about recreation events and works together to support sustainable recreation.

5) The **Fire Safe Council** has been active since 2022 and coordinates strategic community fuels reduction projects for the Oakridge-Westfir WUI. Partners collaborate on cross boundary fuels reduction planning, smoke management, Firewise assessments and work together to seek funding and implement projects to create a Fire Adapted Community.

In addition to facilitating collaborative committees, SWS hosts community projects that align with the SWS mission and intersect with climate change:

Oakridge Air developed from the air attainment partners group which SWFC helped to form in 2014 which eventually led to an Oregon Solutions project and signed a declaration of commitment to assist Oakridge towards re-attainment. Since then, Lane Regional Air Protection Agency received two EPA Targeted Airshed Grants and hired SWS as a contractor to coordinate residential upgrades to improve community health and air quality by providing clean heating options for residents. SWS employs 1.5 staff under the Oakridge Air banner which has enabled dozens of home heating upgrade projects replacing old, polluting wood stoves.

Community Firewood Program (CFP) started as a SWFC led public-private partnership in 2015. The CFP is the only local firewood vendor, which is important because the community relies on wood heat because there is no natural gas. The program offers subsidized, seasoned wood supplied by sources that might otherwise be burned (i.e. slash piles).

The Community Disaster Readiness Group (CDRG) is a new initiative that has grown from after action review recommendations from the community. After the Cedar Creek Fire, United Way of Lane County approached the SWS and offered seed funding to form a Community Disaster Readiness Group. The goal is to stand up a volunteer group that can coordinate volunteers to help fill the gaps that professional first responders may not be able to meet during a disaster. SWS is tapping the SWFC network to recruit volunteers to participate and SWFC will help coordinate training, exercises, and other efforts such as neighborhood emergency asset mapping. Anyone can participate and no prior emergency response experience is necessary.

<u>Community Driven Participation</u>

SWFC and SWS are successful because of the volunteer time and investments from the community. Over the past nine years the organization has steadily grown because of citizen engagement and the attention collective action raises with agency partners. Volunteers outnumber paid staff or government employees in SWFC meetings and events. In addition to the hundreds of hours volunteered on SWFC committees, citizens annually volunteer over 1500 hours making homes safer during wildfires.

- Volunteers, in addition to regional fire prevention partners, help to coordinate the annual Wildfire Safety Night, with food and labor at a discount from local vendors.
- General public regularly attend SWFC events such as the Community Wildfire Safety Night, evening learning sessions and field trips.

- Volunteers help the SWFC prep hundreds of seedlings and volunteer to hand them out during the annual Oakridge Westfir Tree Planting Festival parade.
- Dozens of Private forestland owners and individual home owners have worked with SWFC to receive fuels reduction treatments to their properties.
- Local healthcare providers work with SWS staff to help with air purifier distribution and home heating upgrades in addition to messaging.
- Smoke and fire messaging is amplified by volunteer Oakridge Air ambassadors as well as local fire crews.

SWS staff are all deeply involved in the local community and committed to cooperating with citizens from all backgrounds and circumstances. This commitment is driven in part by the fact that most staff have lived lives that reflect the experiences of the local community. SWS staff include 2.5 paid employees and one RARE Americorps member. Two of SWS staff graduated from Oakridge High School, two staff and two contractors identify as growing up low income in Oakridge, two staff identify as female and one staff identifies as African American.

The SWS board of directors includes seven community members and four advisory members who reflect the local demographic in age, gender and socioeconomic status. Steering committee members and staff include professionals, retirees, business owners, and veterans. The board reflects much of the demographics of the area, whereas the staff may be young compared to the community at large. Staff and board members are active volunteers on Oakridge-Westfir community festival committees, museum board, food box volunteers, library volunteers, garbage clean-up crews, farmers market, and youth sports coaches.

d. EJCPS Model:

The proposed project builds upon the first four elements of the EJCPS Model:

CPS Element 1: Issue Identification, Community Vision, and Strategic Goal Setting:

Wildfire adaptation has been identified as an issue in collaborative SWFC efforts for years. SWFC partners and the community have long been concerned with the disproportionate impacts of smoke and fire risk on our community. Out of this, our Firewise communities were established in 2020 and 2021. Agency partnerships led to Community Firewise Assessments, which set forth a community risk assessment, put together a community vision, and set near and long-term goals to begin the process of becoming Fire Adapted.

CPS Element 2: Community Capacity-Building and Leadership Development:

Firewise leadership was originally vested in agency outreach positions, consultant partners, fire mitigation experts, SWFC staff, and local officials. Since 2021, community liaisons and volunteers have been tasked with helping the core group of professionals to recruit, educate, and maintain Firewise status in Oakridge and Westfir. SWFC IAC and Fire Safe Council leveraged agency outreach capacity with local social knowledge to start to empower those in the community who are respected and know their neighbors. The annual Community Wildfire Safety Night has also been an excellent tool to connect experts, laypeople, and other concerned community members to take ownership of the Wildfire risk problem.

CPS Element 3: Consensus Building and Dispute Resolution:
The Fire Safe Council brings together stakeholders from technical experts, concerned citizens, agency partners, industry partners, and community leaders. This forum, along with the IAC and Community Disaster Readiness Group, are specifically built with the principle of consensus decision-making in mind. SWFC staff are professionally trained conflict resolution facilitators.

CPS Element 4: Multi-Stakeholder Partnerships and Leveraging of Resources:
Collaborative fire mitigation and response planning has been achieved in several official forums which have produced tangible results. SWS has brought in over $600k of state funded grants to mitigate wildfire risk for residents. This work would not have been possible without the technical, in-kind, and financial support of agency, community, and industry partners as described in CPS Element 3. SWS continues to leverage these resources for future opportunities. SWFC also recently facilitated a US Forest Service workshop on Potential Operational Delineations (POD's), a collaborative planning process that integrates fire suppression planning with community values at risk, which will lead to more cross-boundary projects.

This proposal seeks to add capacity as a tipping point to effectively achieve CPS Element 5, 6, and 7 with a focus on disproportionately impacted communities:

CPS Element 5: Constructive Engagement by Relevant Stakeholders
The Fire Safe Council, Community Disaster Readiness Group, Firewise network, and the collaborative POD's process are firmly established. Now the work of strengthening the groups and bringing all relevant stakeholders together must be ramped up. This includes doing the legwork to meaningfully engage more low income people, people whose primary language is not English, people with disabilities, Tribal liaisons, the elderly, and people of color. While SWFC has had success in bringing some representatives of a wide-variety of groups to the table, in order to ensure that environmental justice is a focus, capacity must be added.

CPS Element 6: Sound Management and Implementation
SWFC has effectively managed wildfire mitigation projects that have treated at least 70 properties. Almost all of these residents have had direct interactions with the Project Manager. In the course of executing the project in this proposal, lessons learned from previous work will be incorporated into collaborative management and implementation from the Fire Safe Council and Community Disaster Readiness Group.

CPS Element 7: Evaluation, Lessons Learned, and Replication of Best Practices
The proposed project would facilitate a lessons learned workshop or after action review of the process in Fall of 2026. This proposal also includes several intermediate workshops to collect lessons learned from community members. Evaluation of past and current projects is always a part of our recurring Fire Safe Council and is recorded in publicly available notes.

e. Project Linkages:

In keeping with EPA Strategic Plan Goal 2, Objective 2.1 (Promote Environmental Justice and Civil Rights at the Federal, Tribal, State, and Local Levels), the capacity added by this project is specifically to promote Environmental Justice at all levels of society.

Wildfire hazard has often been studied through the lens of Environmental Justice social vulnerability.[3] Reasons for inequitable outcomes during wildfires include systemic issues such as housing inequality, out-of-pocket cost to residents for risk reduction activities and insurance, and a thin financial and social safety net in life-disrupting disaster events. Cultural and linguistic barriers can also hamper effective information sharing regarding effective hazard mitigation. Recent focus has been turned toward the disproportionate impact of particulate matter pollution on vulnerable communities in wildfires. [4] The elderly, residents of lower-value properties, Native Americans, and people of color are disproportionately situated in wildfire hazard areas.[5] People with disabilities, in addition to being more susceptible to the effects of wildfire smoke, are often excluded from disaster planning which has led to tragic results during wildfire events.[6]



Agency, Industry, Environmental Advocacy Groups and community members come together on a Collaborative field trip

f. Partners and Collaborators:

Partnerships are key to the success of all SWFC work and are a critical component of Oakridge-Westfir Wildfire Adaptation and Resiliency Project. The SWFC committees and programs are transparent and open to the public, but will be improved by having dedicated staff time to foster two-way engagement with tribes, communities of color, non-english speakers, working poor families, and other socially disenfranchised groups. The partners listed below are only a fraction of the total groups that SWFC and OA cooperate with on a regular basis.

City of Oakridge and **City of Westfir** closely partner with SWS for the Oakridge Air and SWFC fuels reduction projects to benefit residents. Both are committed to improved air quality and reducing wildfire risk for citizens. The Oakridge Industrial Park hosts the community firewood program and yard debris program. Both mayors help with outreach for SWS projects, participate in committees, and hold advisory seats on the SWS board. The City of Oakridge is finalizing a MOU with SWS to allow direct access to the City readerboard to post information about smoke and fire safety. **Oakridge Fire Department** and **Westfir Fire Department** assist with Wildfire

[3]
[4] **Ex. 6 Personal Privacy (PP)**

[5] https://iopscience.iop.org/article/10.1088/1748-9326/ac60d7/pdf

[6] http://www.jik.com/CaliforniaWildfires.pdf

Safety night, Firewise hazard assessments, smoke coordination, and participate in the Fire Safe Council and CDRG advisory group.

Oregon Department of Forestry funds SWFC through the Federal Forest Restoration program, participates in the Fire Safe Council, IAC and provides technical support for firewise assessments, cross-boundary fuels reduction planning, and smoke coordination. ODF funds SWS private lands fuels reduction for the Oakridge-Westfir WUI. ODF has multiple years of future funding from Western States and Community Assistance Grant for unincorporated areas in east Lane County and coordinates with SWFC to identify local properties in need of assistance.

Lane County works with SWFC across a variety of projects. The Firewise office participates in the Fire Safe Council and Wildfire Safety Night and conducts home ignition zone treatments to unincorporated areas that qualify for their program. The Emergency Management office engages SWFC staff in updating the County Natural Hazard Mitigation Plan and Community Wildfire Protection Plan. The Economic Development office participates in the Implementation Advisory Committee and WAC committee. Lane County Commissioner Buch joins SWFC committees when relevant and helps SWFC during the Oakridge-Westfir Tree Planting Festival.

Willamette National Forest, Middle Fork Ranger District (MFRD) covers most of eastern Lane County and completely surrounds the communities of Oakridge and Westfir. Across the 750,000 acre district uncharacteristically large wildfires are becoming increasingly frequent. In 2021 and 2022, the Middle Fork Complex and Cedar Creek fires came within miles of Oakridge-Westfir. MFRD has been a key partner with the SWFC since it was founded, participating in all committees and as an advisory member to the SWFC steering committee and SWS board of directors. SWFC committees and the Fire Safe Council work closely with the MFRD on cross-boundary fuels reduction planning and implementation and smoke coordination. The Forest provides approximately $20,000 base funding for SWFC facilitation each year.

Lane Regional Air Protection Agency (LRAPA) is the local government agency that monitors and regulates air quality in Lane County. LRAPA is the project manager for the Oakridge Air TAG grant and contracts with SWS to deliver home heating upgrades and outreach. LRAPA is a key partner for community outreach and engagement, smoke education and provides technical assistance for smoke advisories and prescribed burning.



OSU fire ecologist speaks to the public at wildfire safety night

Oregon State University (OSU) is a land grant university with a Fire Extension Service that provides technical assistance to fire practitioners. sits on the Fire Safe

Council and IAC. OSU has been a member of the SWFC Rigdon committee since its inception, providing best available science and conducting wildfire research on the MFRD. In addition, a SWS local board member is also a professor in the OSU Environmental and Molecular Toxicology Department.

Orchid Health is the only medical clinic in Oakridge and Westfir and staffs a community health worker who helps Oakridge Air. In 2020, Oakride Air distributed purifiers through the clinic to the most vulnerable patients who were identified by the medical providers. Orchid also helped during the Cedar Creek fire, distributing purifiers and replacement filters at their office to those most in need. Orchid Health also participates at the Wildfire Safety Night. Orchid Health is a valuable partner and can help SWFC connect to the medically vulnerable and underserved.

Middle Fork Willamette Watershed Council (MFWWC) works to improve the conditions of the watershed. MFWWC coordinates in-stream and upland restoration and is invested in helping communities in the watershed become Fire Adapted. MFWWC participates in SWFC committees, delivers Oakridge Air education at the schools, and is an advisory member to the SWS board of directors.

We anticipate partnership with the following because of ongoing relationships:

Oregon Office of the State Fire Marshal (OSFM) is responsible for coordinating fire response in communities. In the past few years the office has adapted to address wildfire and is now funding fuels mitigation projects in communities and has granted SWS funds for creating defensible space around Oakridge homes. OSFM participates in the Fire Safe Council, the Wildfire Safety Night and provides technical assistance for new state fire safety codes.

University of Oregon (UO) Ecosystem Workforce Program is researching health outcomes of home heating upgrades and there could be overlap with homes with air monitors and defensible space work. The EWP has worked with SWFC providing technical expertise for collaborative processes and design, conducted a workforce study for SWFC, and is a co-applicant on a research proposal to study social impacts of the Cedar Creek Fire, which could also overlap. A local SWS board member is also a professor in the OU Classics department.

2.0 Project Activities / Milestone Schedule

Goal 1: Connect Most Vulnerable Residents of Oakridge-Westfir to Resources that Mitigate Wildfire Risk

Tasks	Timeline
1.1: Engage with and identify 25 highest-need community members based on wildfire risk rating and social vulnerability with OSFM grant funds	1.1: Monthly
1.2: Facilitate contractor work at these homes	1.2: Ongoing
1.3: Connect future fuels mitigation projects to the needs of most vulnerable residents in project proposals	1.3:Annually April-June
1.4: Work with partners such as Orchid health to recruit and identify potential underserved clients to connect to future projects	1.4: Ongoing

Partners: ODF, MFWWC, City Governments, Lane County Firewise, Residents, Orchid Health, OSFM

Goal 2: Build and maintain Community Disaster Readiness Group (CDRG)

Tasks	Timeline
2.1: Facilitate Map Your Neighborhood Exercise/Phone Tree/Asset Map	2.1: Winter 2023
2.2: Facilitate bimonthly meetings to discuss CDRG strategy	2.2: Ongoing
2.3: Facilitate trainings with Community Emergency Response Team trainers	2.3: Biannually
2.4: Work with partners to create a disaster communication system	2.4: Ongoing

Partners: ODF, MFWWC, City Governments, Lane County Firewise, Residents, Orchid Health, OSFM

Goal 3: Maintain and Strengthen Interagency and Community Collaboration around Fire Mitigation and Disaster Preparedness

Tasks	Timeline
3.1: Facilitate monthly Fire Safe Councils to coordinate fuels reduction work and prescribed fire projects and alternatives to burning	3.1: Ongoing
3.2: Recruit community members from populations disproportionately affected by wildfire using developed outreach strategy	3.2: Ongoing
3.3: Plan and execute Community Wildfire Safety Night (CWSN) with partners	3.3: Annually
3.4: Work with USFS to integrate community goals into wildfire planning	3.4: Ongoing

Partners: ODF, USFS, OSU, LRAPA, MFWWC, City Governments, Lane County Firewise, Residents, Orchid Health, OSFM

Goal 4: Maintain and Enhance Firewise Community Status

Tasks	Timeline
4.1: Update volunteer hours spent by community doing fire mitigation around their homes to fulfill Firewise requirements each November	4.1: Annually
4.2: Work with community partners to create a community Firewise Assessment update for the Greater Oakridge-Westfir Firewise community	4.2: Fall 2025
4.3: Collaborate to provide synchronized Firewise outreach and education	4.3: Summers

Partners: City Governments, Residents, Orchid Health, OSFM, USFS, Lane County Firewise

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Time	Milestones and Project Activity Deliverables	Goals
Fall 2023	• Community Disaster Readiness Group has facilitated a Neighborhood Asset Mapping campaign with results recorded and easily communicated	• **2**
Winter 2023	• Team has created an outreach list for OSFM Firewise campaign and has an established outreach plan, including maps, contact information • Compile Firewise volunteer hours from Oakridge/Westfir communities and submit to NFPA for recertification	• **1** • **3**
Spring 2024	• Educate community via newsletters and social media about project implementation • Hold two official Community Wildfire Safety Night planning sessions • SWS Team holds meetings and launches an outreach campaign to identify neighborhood Firewise leaders • Create community asset map in an easily available, sharable, and interoperable format	• **3** • **3** • **4** • **2** • **2**
Summer 2024	• Hold 4th annual Community Wildfire Safety Night • If Smoke or Fire emergency, focus capacity toward health, education, and evacuation. • If no Emergency, use capacity to educate on mitigation and plan for Fall engagement with public • Implement vast majority of OSFM mitigation project	• **3** • **2** • **1** • **1**
Fall 2024	• Conduct surveys with residents to determine mitigation successes and failures • Complete Mitigation work that was incomplete from Spring completing Firewise work on 25 homes • Prepare next cohort of mitigation clients	• **1, 3** • **1** • **1**
Winter 2024	• Hold standalone Community Wildfire Safety Workshop. • Pursue funding opportunities for continued mitigation work • Work with partners on prescribed fire while minimizing public health impact • Plan at least one community disaster response training or exercise	• **3** • **All** • **1** • **2**
Spring 2025	• Write grants for mitigation funding from government and private funders • Begin 2025 mitigation projects, through new funding or with volunteers • Begin Planning for 5th annual Community Wildfire Safety Night • Conduct at least one community disaster response training or exercise • Assemble Firewise Community Assessment Team Members	• **All** • **1** • **3** • **2**

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Time	Milestones and Project Activity Deliverables	Goals
Summer 2025	• Finish Mitigation projects that pose fire risk before fire season • Hold 5th Annual Community Wildfire Safety Night • Prepare for contingency plans regarding Fire and Smoke emergencies • Complete Oakridge Firewise Assessment with collaborative partners	• **1** • **3** • **2** • **4**
Fall 2025	• Conduct surveys with residents around mitigation successes and failures • Complete Mitigation work that was incomplete from Spring before fire season and prepare new clients • Collect Firewise volunteer hours and submit updated Firewise Assessment	• **1** • **1** • **4**
Winter 2025	• Hold annual standalone Community Wildfire Safety Workshop • Pursue funding • Ensure completion of 2025 Mitigation projects plan with partners • Plan at least one community disaster response training or exercise	• **3** • **All** • **1** • **2**
Spring 2026	• Write grants for mitigation funding from government and private funders • Implement bulk of 2025 Mitigation to vulnerable residents • Begin Planning for 6th annual Community Wildfire Safety Night • Conduct at least one community disaster response training or exercise	• **All** • **1** • **3** • **2**
Summer 2026	• Hold 6th annual Community Wildfire Safety Night • Smoke/Wildfire contingency plan if needed	• **3** • **2**
Fall 2026	• Comprehensive Review of EJCPS funded activities and publish findings • Finalize formal transitions in capacity and leadership from SWS to partners	• **All**
Ongoing	• Fire Safe Council monthly meetings • Weekly reports at staff meetings about project progress • Tabling at events to educate and network as opportunities arise	• **All**

3.0 Environmental Results – Outputs, Outcomes, and Performance Measures (Logic Model)

a. Environmental Results (Logic Model): Submitted as an attachment

b. Performance Measurement Plan

The Project Manager will report directly to the SWS Executive Director. All progress is reported in weekly staff meetings, monthly board meetings and in collaborative committees. Proof of progress on project management includes photo documentation taken before and after treatments or through georeferenced GPS tracks of project boundaries created by contractors on Avenza, Arc FieldNotes, or a similar application. Additional records include homeowner testimony; contractor invoicing; signed project agreements and waivers clarifying roles, regulations, and expectations between SWS, landowners, and contractors. Outreach coordination is tracked in shared spreadsheets and maps which are updated weekly during

project outreach and implementation. Maps, outreach material, contracts, waivers, photos, and other documentation are saved electronically and at the SWS offices.

EPA reporting project progress on expenditures, purchases, and other fiscal activities

- Real-time and quarterly reports of program dollars expended by program task

EPA reporting actual accomplishments versus proposed outcomes and milestones

- Number of homes which have undergone Firewise assessments
- Number of homes which have undergone defensible space treatments
- Number of SWFC meetings facilitated by the project manager
- Number of public speaking engagements by the project manager

The SWS board of directors has final monitoring and oversight of all SWFC staff actions.

c. Sustainability Plan and Community Vision

A primary objective of this proposal is to delegate and empower community members and other agencies to continue collaborative programs and processes. The vision for Oakridge-Westfir is to become a Fire Adapted community that collaborates to identify wildfire risk and works collectively on actionable steps to reduce the risk of loss. This work protects property and increases the safety of firefighters and residents.

1. Moving the community towards becoming Fire Adapted sets up processes and practices to reduce wildfire risks and make people and property safer.
2. Involving all community members and ensuring access to decision-making processes creates citizen buy in and investment in and understanding.
3. Educating about wildfire hazards and risk-reduction strategies provides tools and knowledge to citizens that enables them to protect their properties and livelihoods.
4. Providing access to resources for wildfire mitigation brings equity to wildfire preparedness and removes financial and physical barriers that many people experience.
5. Establishing and growing the community disaster readiness group increases community emergency preparedness and adds capacity to respond when disasters do happen.

4.0 Programmatic Capability

a. Organizational Experience

The SWFC has a proven track record of successfully implementing fuels reduction projects. SWS has successfully been awarded multiple state and foundation grants to coordinate and implement fuels reduction projects, manage a yard debris and community firewood program, and stand up a volunteer community emergency response committee. 2022-23 outcomes include 330 acres of private lands fuels reduction, 60 homes with defensible space, and an additional 45 firewise assessments in the Oakridge-Westfir area. In addition to implementing projects, the SWFC facilitates the Fire Safe Council to bring stakeholders together to coordinate fuels treatments on private and federal lands and manage smoke.

b. Staff Experience / Qualifications of Project Manager (PM)

The staff that will be working on this project include Sarah Altemus-Pope, who founded the SWFC. Sarah also serves as the executive director of South Willamette Solutions, which was

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formed in 2019 to fiscally sponsor the SWFC and Oakridge Air. Sarah grew up in Oakridge and attended the University of Oregon where she graduated with a JD/MA Conflict Resolution. Sarah started with the Forest Service on the Middle Fork fire crew, worked ten years as a Forest Service smokejumper in Missoula, MT, and spent three years at the Washington office in D.C. developing ICS based training for the USAID Office of Foreign Disaster Assistance. Sarah returned to Oregon to finish her J.D. and started the SWFC as a masters degree project.

Dustin Rymph has worked as the SWFC projects coordinator since 2021. Dustin is in his second year of service through a Resource Assistance for Rural Environments (RARE) Americorps participatory agreement, which will be converted to a staff position at the end of the service term. Dustin graduated the University of Oregon's Conflict and Dispute Resolution master's program with a specialty in Land Use conflicts and has over 12 years of professional horticultural/ botany experience. Dustin has completed the National Fire Protection Agency (NFPA) Assessing Structural Ignition Potential (ASIP) training, shadowed ODF and Lane County Firewise assessors, and has completed over 75 home assessments. Dustin facilitates the fire safe council and has managed hundreds of acres of fuels reduction work coordinating private landowners, individual homeowners and managing contractors.

c. Expenditure of Awarded Grant Funds
Federally and/or non-federally funded assistance agreements that SWS performed within the last three years.

5.0 Past Performance

Agreement	**Successfully Managed**	**Met reporting requirements**
$99,200 Oregon Department of Environmental Quality # 057-22	SWS successfully implemented 44 acres of fuels reduction in the WUI	Yes
$354,000 Oregon Department of Forestry #21LRP-LB-01	SWS has successfully implemented 140 of required 150 acres of fuels reduction in the WUI	Still open, closes 6/30/23
$279,400 Oregon Department of Forestry #4SFG01-08	SWS has successfully implemented 89.35 of required 120 acres of fuels reduction in the WUI	Still open, closes 6/30/23
$32,608.40 Forest Service Cost Share Agreement #21-CS-11061800-001	SWS successfully facilitated and coordinated SWFC committees and projects	Yes
$65,000 Oregon Watershed Enhancement Board Agreement #2200-8008-17532	SWS successfully developed and advanced zones of agreement with SWFC committees	Yes

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Environmental Protection Agency

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Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

USEA x AEA esports.eco

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Application
New
2023-04-14
United States Esports Association
83-1064062
YNA3Y5YCC4L5
100 N Howard Str.
Ste W
Spokane
WA: Washington
99201-0508
USA: UNITED STATES

Mr.
Eliot
Joseph
Oreskovic

Managing Director of Operations
United States Esports Association
Ex. 6 Personal Privacy (PP)
eliot@esportsus.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency

66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
esports.eco: Addressing Scope 2 emissions from esports activities from electricity consumption at local esports venues, and combating climate change at the community level, with national effect
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WA-5
OK-1
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2023-11-01
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c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Mr.
Eliot
Joseph
Oreskovic

Managing Director of Operations
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eliot@esportsus.org
Eliot Oreskovic
2023-04-14

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WA: Washington
99201

YNA3Y5YCC4L5
Eliot J. Oreskovic
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eliot@esportsus.org
Managing Director of Operations
N: No
N: No

Y: Yes
N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Eliot Oreskovic
Managing Director of Operations
2023-04-14

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2023-04-14T23:58:17.000-04:00
Eliot Oreskovic
GRANT13862126

Ex. 6 Personal Privacy (PP)

EXPERIENCE

Current

Group Sales Coordinator
Space Needle & Chihuly Garden and Glass

- Responsible for advance sales to schools and groups
- Increase revenue based on private tours and travel experiences
- Handles problems with guest experience for two properties
- Member of sustainability committee.

Jan 2021 - Dec 2021

Research Assistant, Glacial Seismology
University of Washington,

- Use of Python and AWS to analyze and model seismic data
- Interpretation of results and developing ideas in code
- Unique problem solving with Python scripts
- ***Presented at National AGU Meeting in December 2021***

April 2021 - Sept 2021

Environmental Outreach Internship
United States Esports Association

- Individual research into sustainability initiatives and SDGs
- Developed plans to fit UNFCCC's Sports for Climate Action Framework
- Gathered and organized deliverables weekly

July 2018 - March 2020

Admissions Representative
Pacific Science Center

- Personalized guest experiences
- Needed to possess wide variety of Seattle and scientific knowledge
- Understood all tickets and exhibits to promote sales

EDUCATION

Sept 2017 - March 2021

B.S in Geophysics, University of Washington, Seattle, WA
Minor in Mathematics

- ***Specialized Coursework***
  Seismology, Geomechanics, Environmental Geochemistry, Isotope Geochemistry, Electromagnetism, Geophysics, Glaciology, Natural Hazards, Climate Change, Probability
- ***Computer Skills***
  Microsoft Office, Google Earth, GS Data Interpretation Software, Python, MATLAB
- ***Communication***
  Technical Writing, Public Speaking, and Presentation

PRESENTATIONS

December 2021

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) ***American Geophysical Union Fall Meeting 2021,*** **ID#** Ex. 6 Personal Privacy (PP)

AFFILIATIONS

Since Jan 2020 **Association of Environmental and Engineering Geologists**
Since Aug 2021 **American Geophysical Union**

EXTRACURRICULAR

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: AUG 17 2018

UNITED STATES ESPORTS ASSOCIATION
INC
11027 ELLISTON WAY NE
REDMOND, WA 98053-0000

Employer Identification Number:
83-1064062
DLN:
26053625002738
Contact Person:
CUSTOMER SERVICE ID# 31954
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)
Accounting Period Ending:
December 31
Public Charity Status:
509(a)(2)
Form 990/990-EZ/990-N Required:
Yes
Effective Date of Exemption:
June 27, 2018
Contribution Deductibility:
Yes
Addendum Applies:
No

Dear Applicant:

We're pleased to tell you we determined you're exempt from federal income tax under Internal Revenue Code (IRC) Section 501(c)(3). Donors can deduct contributions they make to you under IRC Section 170. You're also qualified to receive tax deductible bequests, devises, transfers or gifts under Section 2055, 2106, or 2522. This letter could help resolve questions on your exempt status. Please keep it for your records.

Organizations exempt under IRC Section 501(c)(3) are further classified as either public charities or private foundations. We determined you're a public charity under the IRC Section listed at the top of this letter.

If we indicated at the top of this letter that you're required to file Form 990/990-EZ/990-N, our records show you're required to file an annual information return (Form 990 or Form 990-EZ) or electronic notice (Form 990-N, the e-Postcard). If you don't file a required return or notice for three consecutive years, your exempt status will be automatically revoked.

If we indicated at the top of this letter that an addendum applies, the enclosed addendum is an integral part of this letter.

For important information about your responsibilities as a tax-exempt organization, go to www.irs.gov/charities. Enter "4221-PC" in the search bar to view Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, which describes your recordkeeping, reporting, and disclosure requirements.

Letter 947

Part 1A: Project Summary

Project Title esports.eco: Addressing Scope 2 emissions from esports activities from electricity consumption at local esports venues, and combating climate change at the community level, with national effect

Project Locations See Project Partners; Online

Applicant Name United States Esports Association
Applicant Address 100 N Howard Str., Ste W, Spokane, WA 99201-0508
Applicant Primary POC Eliot J. Oreskovic (he/them), eliot@esportsus.org, Ex. 6 - Personal Privacy (PP)

Applicant Description The United States Esports Association is an IRC Section 501(c)(3)-exempt WA nonprofit corporation. Our mission is to promote the holistic development of the American esports industry. We are one of three esports organizations in the UNFCCC's Sports for Climate Action Framework and one of two on the Race to Zero. We are also developing an out-of-school-time add-on program for collegiate esports programs as part of a project funded by a Targeted Violence and Terrorism Prevention grant award from DHS.

Small CBO Set-Aside Track? Yes, we're applying for the Small CBO set-aside
QAPP Required? Yes, we're required to and will develop a QAPP

Project Abstract We propose to build and deploy a comprehensive research, education, and self-regulatory apparatus to monitor, report, and reduce esports' ecological impact in terms of Scope 2 emissions from electricity consumption at local esports venues, to educate industry and public stakeholders as to esports' comprehensive ecological impact, and to establish ecological awareness as the foundation of the American esports industry through voluntary consensus. We propose to deploy watt monitors at project partners' venues, which encompass 9 of 10 EPA regions and 11 of 22 continental eGRID Subregions, in order to record a sample of their gaming computers' electricity consumption for years 1 through 2 of the performance period. These data would be combined with venue-level electricity consumption, recorded and analyzed on a dedicated information system, and published for industry and academic consumption on an annual basis. Based on this research, we propose to create educational-informational materials about esports' ecological impact and the importance of awareness to electricity consumption, host webinars about our findings and ways to reduce Scope 2 emissions for local esports venues, and create and publish informational toolkits for how stakeholders can address Scope 2 emissions and to educate stakeholders on this issue. Finally, we propose to found an industry standardization and self-regulation organization, with representation from project partners, which would pursue ANSI recognition as a standards developer for club esports. This organization would foster voluntary consensus among stakeholders to establish and implement best practices for addressing esports' ecological impact, throughout years 2 and 3 of the performance period.

Project Type Monitoring, Education, Standardization, Self-Regulation
Special Considerations Climate Change
Environmental Issue Scope 2 emissions, especially from Energy Inefficiency

Project Partners

The following partners are industry stakeholders that own and operate esports venues. They are organized as for-profit entities, typically limited liability companies and C-type corporations.

EPA Region 2		The Esports Cave	Leander, TX
Contender Esports	Wappingers Falls, NY	Shenanigans Esports	San Antonio, TX
EPA Region 3		**EPA Region 7**	
Laughing Coffin	Taneytown, MD	Contender Esports	Springfield, MO
EPA Region 4		**EPA Region 8**	
Triangle Esports Academy	Cary, NC	Contender Esports	Fort Collins, CO
EPA Region 6		**EPA Region 9**	
Contender Esports	Tulsa, OK	Contender Esports	Gilbert, AZ
Warguts Esports	Tulsa, OK	GameSync Esports Center	San Diego, CA
The Vault Legacy	Amarillo, TX	**EPA Region 10**	
The Esports Cave	Austin, TX	Legacy Gaming, Community, & Concierge	Tukwila, WA
Desh Gaming Lounge	Burleson, TX		

The following partner is a CBO that directly works with the above industry stakeholders, which administer programming to local communities. They are organized as a nonprofit corporation in the State of OK and are tax-exempt under IRC Sections 501(c)(3) and 509(a)(2).

EPA Region 6	
Amateur Esports Association	Stillwater, OK; Tulsa, OK

Part 1B: Environmental & Public Health Information

This project proposes to address and reduce energy inefficiencies in local esports venues in multivarious communities throughout the United States as part of a broader climate resilience

strategy. This strategy seeks to make climate resilience a core component of the American esports industry and to transform the industry into an emissions-negative space.

This project's locus of impact is the operations of local esports venues within their communities. In this way, this project proposes to address past and future ecological harms by neutralizing the source of the problem, aligning industry stakeholders with national and international climate goals, establishing voluntary consensus on the issue among stakeholders, and implementing voluntary best practices to reduce esports' ecological harms from local esports venues.

Local Community Profiles

This project proposes to work with 15 local esports venues located in 14 different communities nationwide. These communities span 10 of the 50 states, 8 of the 10 EPA regions, and 10 of the 27 eGRID subregions and half of the contiguous subregions. This project mixes underserved and overburdened communities with well-served, affluent, and non-minority-serving ones and distinguishes between communities based on two (2) factors: poverty and minority status.

9 of the 14 different communities where the partnered local esports venues reside have poverty rates that are in excess of either the poverty rate for their county, state, or both. These are provided by Figure A below. Data were obtained from the 2021 5-Year ACS.

Figure A: Poverty Status per Project Community

Community	City	County	State	Community	City	County	State
Taneytown, MD	9.2%	4.7%	13.9%	Springfield, MO	17.4%	12.9%	12.7%
Tulsa, OK	18.9%	14.9%	15.6%	Fort Collins, CO	13.9%	11.8%	9.7%
San Antonio, TX	17%	14.7%	14.2%	San Diego, CA	11.7%	10.6%	12.3%
Austin, TX	12.7%	11.3%	14.2%	Tukwila, WA	12.4%	9.4%	9.9%
Amarillo, TX	16.6%	9.2%	14.2%				

An additional 7 of the 14 communities have a significant percentage of their population (40% or above) who are not White. The percent of non-White residents is provided by Figure B below. Data were obtained from the 2021 5-Year ACS.

Figure B: Minority Status per Partner Community

Community	Percent Minority	Community	Percent Minority
Wappingers Falls, NY	42.44%	Austin, TX	45.31%
Cary, NC	41.77%	San Diego, CA	53.62%

Tulsa, OK	48.19%	Tukwila, WA	69.97%
San Antonio, TX	55.67%		

Target Public Health Issues

Esports activities by their nature cause greenhouse gas emissions through dedicated hardware's energy consumption. For this reason, esports activities differ greatly from the traditional sports industry, while their core elements align.[1] While ecological sustainability within the traditional sports context remains an open question, as does sustainability in high technology, limited progress towards a carbon-neutral future for these industries has been made. This is not the case for esports.[2] Coupled with the rapid expansion of esports worldwide, the consequences of not addressing esports activities' inherent harms are existential.[3] In this way, the incentive structures for succeeding in esports and advancing ecological sustainability are at odds.

While esports development to date has focused on remote competitions that culminate in massive in-person events, the next frontier of esports development is the creation and expansion of local esports venues,[4] driven by the prohibitive costs of requisite hardware to compete at high levels.[5] This trend has already occurred across East and Southeast Asia, and large-scale infrastructural development began in the United States as of Q1 2020. Vindex, which is a major British esports conglomerate, has committed to constructing 500 local esports venues in over 125 major American markets from 2020 to 2025.[6] Other franchising companies have joined this trend, and existing franchises are continuously expanding.

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[1] Snavely, T. L. (2014, December). *History and analysis of esport systems* (Master's thesis, The University of Texas at Austin). UT Electronic Theses and Dissertations.

[2] Nystroem, A.-G., McCauley, B., Macey, J., Scholz, T. M., Besombes, N., Cestino, J., Hiltscher, J., Orme, S., Rumble, R., & Toerhoenen, M. (2022, March 10). Current issues of sustainability in esports. *International Journal of Esports, 1*(1). https://www.ijesports.org/article/94/html

[3] Ross, W. J., & Fisackerly, W. (2023, March 24). Do we need esports ecology? Comparisons of environmental impacts between traditional sport and esports. *Journal of Electronic Gaming and Esports, 1*(1). doi:10.1123/jege.2022-0030

[4] Jenny, S. E., Keiper, M. C., Taylor, B. J., Williams, D. P., Gawrysiak, J., Manning, R. M., & Tutka, P. M. (2018). Esports venues: A new sport business opportunity. *Journal of Applied Sport Management, 10*(1), 34-49. doi:10.18666/JASM-2018-V10-11-8469

[5] Abbas, A. Z., Asif, M., Hollebeek, L. D., Ul Islam, J., Hooi Ting, D., & Rehman, U. (2021, November). The effects of consumer esports video game engagement on consumption behaviors. *Journal of Product & Brand Management, 30*(8), 1194-1211. doi:10.1108/JPBM-04-2020-2839

[6] Vindex. (2020, July 29). *Vindex acquires Belong Gaming arenas brand and partners with game digital to establish global esports gaming center chain* [Press release]. https://www.prnewswire.com/news-releases/vindex-acquires-belong-gaming-arenas-brand-and-partners-with-game-digital-to-establish-global-esports-gaming-center-chain-301102128.html

Left unaddressed, participation in esports activities puts participants at increased risks of multivarious psychosocial, physical, and cognitive issues.[7] Despite latent risks to health and wellbeing, the benefits of participation in esports are overwhelming, with particular emphasis on meaning-making and identity formation[8] and the development of 21st century skills.[9] Pairing the benefits of participation in esports in general with the benefits of local, community-based sports has the potential to yield a synthesis of benefits focused on the community itself. Additional benefits emerge when local, community-based esports activities are leveraged as community anchors,[10] tourism pull factors,[11] and catalysts for economic regeneration.[12] Development in these areas, coupled with esports' link to high-quality broadband access,[13] positions esports activities as central to community development.

Given the attractiveness of the benefits of esports activities to the local community, the esports industry has rapidly grown within the past five (5) years. Esports activities require that electricity be consumed, given that esports themselves are played on computers or dedicated hardware. Whereas similar social, recreational, and sporting activities are separable from their electricity demand, esports is not. As a result, any growth in esports activities is necessarily coupled with a growth in electricity demand which results in a growth in Scope 2 emissions.

Energy efficiency is known to be linked to health outcomes.[14] Therefore, this project addresses energy inefficiencies in esports activities conducted in local esports venues as a catalyst for decreasing esports' Scope 2 emissions which will have positive effects on public health, especially through its positive effects on climate change.

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[7] Yin, K., Zi, Y., Zhuang, W., Gao, Y., Tong, Y., Song, L., & Liu, Y. (2020, December). Linking esports to health risks and benefits: Current knowledge and future research needs. *Journal of Sport and Health Science, 9*(6), 485-488. doi:10.1016/j.jshs.2020.04.006

[8] Guo, Z., Cahalane, M., & Carbonie, A. (2022, December 7). Online gaming with a purpose: Exploring positive personal development achieved through esports play. *Behaviour & Information Technology.* doi:10.1080/01449X.2022.2154266

[9] Zhong, Y., Guo, K., Su, J., & Kai Wah Chu, S. (2022, December). The impact of esports participation on the development of 21st century skills in youth: A systematic review. *Computers & Education, 191*. doi:10.1016/j.compedu.2022.104640

[10] Warner, S., & Dixon, M. A. (2013). Sports and community on campus: Constructing a sports experience that matters. *Journal of College Student Development, 54*(3), 283-298. doi:10.1353/csd.2013.004

[11] Masłowski, P., & Karasiewicz, T. (2021, July 1). Esports as a new trend in the tourism industry. *Geography and Tourism, 1*(9), 95-105. doi:10.34767/GAT.2021.09.08

[12] Taks, M., Chalip, L., & Green, B. C. (2015). Impacts and strategic outcomes from non-mega sport events for local communities. *European Sport Management Quarterly, 15*(1), 1-6. doi:10.1080/16184742.2014.995116

[13] Shaw, A., Drogin Rodgers, E. B., Rodgers, R. P., & Wiggins, B. P. (2019, September 18). Esport spectator motivation. In R. Rogers (ed.), *Understanding esports: An introduction to the global phenomenon* (pp. 73-84). Rowman & Littlefield.

[14] Evens, A., Garascia, M., & Isaacson, M. (2017, June). Utilities and health: Energy efficiency as a common link. *The Electricity Journal, 30*(5), 10-14. doi:10.1016/j.tej.2017.04.009

Desired Public Health Outcomes

This project's desired public health outcome is an enhanced quality of life in communities with local esports venues. This will be achieved by decreasing energy consumption by partnered local esports venues by means of an increase in energy efficiency and the standardized creation and implementation of best practices based on voluntary consensus of relevant stakeholders. These effects will be achieved by an increase in ecological awareness and climate action among the owners and operators of partnered local esports venues, which will be achieved through continuous research, education, and self-regulation.

The proposed partner communities are direct beneficiaries of this project and its desired public health outcomes in three (3) ways.

First (1st), this project enhances the public health benefits of local, community-based esports by ensuring that participation in esports, and esports' expansion as a result, does not come at a cost to the environment. In this way, this project aligns business and community interests in respect of the esports industry and climate action. By doing so, this project decreases esports' contributions to climate change through Scope 2 emissions, which will decrease the degree to which these communities are affected by proximal electricity generation. As a hedge against a future increase in electricity demand as a result of the rapid development of local esports venues, proposed partner communities and communities that will host local esports venues in the future will increasingly benefit from this intervention as development progresses.

Second (2nd), by working with business interests to address climate change at the local level, this project supports holistic, community-serving economic development throughout proposed partner communities. This project mixes underserved and overburdened communities with well-served, affluent, and non-minority-serving ones. As a result, this project fosters climate awareness and action equally across communities and therefore combats disparate treatment and future overburdening as climate change's effects intensify. Further, this project advances broad, industry-level climate goals through specific, community-level action which increases the degree to which community members can meaningfully participate in climate action.

Third (3rd), this project asserts community interests as co-equal to business interests and has principal buy-in from local business interests based on this position. This project's voluntary consensus component in particular levels the playing field by giving all community stakeholders equal access and influence within the voluntary consensus process. This has the effect of enhancing underserved and overburdened communities' relative power and reducing the degree to which well-served, affluent, and non-minority-serving communities can exert disproportionate influence on decision-making processes. In this way, this project advances a climate action model of "national impact through local action." This model enhances community members' ability to meaningfully participate in climate action and increases the degree to which communities themselves can assert their rights and support ecological justice.

By shifting the locus of impact to businesses in local communities, this project is uniquely able to advance an ecological justice framework that empowers community members to action within their communities, with national effect. We assert that this framework, as operationalized by this project, can achieve the desirable public health outcomes, as described.

Impact on Climate Change

This project meaningfully contributes to national climate action, and by its design to community climate action, by limiting the esports industry's negative ecological impact via Scope 2 emissions by increasing energy efficiency and establishing self-regulatory measures to voluntarily enforce an ecological justice framework for local esports activities.

By increasing energy efficiency, through education as to esports' ecological impact and self-regulatory action against energy inefficiency, this project decreases national electricity demand arising from esports activities. By decreasing demand, this project decreases the degree to which esports activities cause Scope 2 emissions within their eGRID subregions and negatively impact communities within the proximity of electricity generation sites. By decreasing emissions and negative proximal impact, this project aligns economic development motives with climate action and drives positive ecological impact through commercial activity.

Part 1C: Organization's Connection to the Community

History of Community Involvement

The United States Esports Association's (USEA) direct historical connection with the target communities is through its partnership with the Amateur Esports Association (AEA).

The AEA organizes amateur competition through its local partners, of which most are local esports venues. The AEA was founded in 2020 and began community work throughout OK at that time. Since then, the AEA has grown its membership to over 64 organizations, comprising local esports venues, charitable organizations, schools, and online competition organizers. The AEA's timeline for work in partner communities varies and is provided by Figure C below.

Figure C: Timeline of Community Involvement through Proposed Project Partners

Wappingers Falls, NY	8/22	San Antonio, TX	7/22	Fort Collins, CO	8/22
Taneytown, MD	7/22	Austin, TX	11/21	Gilbert, AZ	8/22
Cary, NC	1/23	Leander, TX	11/21	San Diego, CA	8/22
Tulsa, OK	10/21	Amarillo, TX	2/22	Tukwila, WA	5/22
Burleson, TX	7/21	Springfield, MO	8/22		

A representative sample of the AEA's local esports venue members are proposed as community partners for all three (3) components of this project, as per the *Local Community Profiles* subsection to Part 1A of this application.

History of Connection to the Issues

The USEA's and AEA's historical connection with environmental and public health issues is through their partnership on the matter. The USEA is a member of the Sports for Climate Action Framework and the Race to Zero, both of which are organized by the United Nations Framework Convention on Climate Change (UNFCCC). As a member of these initiatives, the USEA has committed to a 50% reduction in organizational GHG emissions by 2030 and net zero emissions by 2040 and to limit global climate change to within 1.5 degrees Celsius.

In early-mid 2021, the USEA launched esports.eco, which is its primary ecological sustainability initiative and program oriented towards achieving climate commitments to the UNFCCC. In mid-late 2021, the USEA entered into a memorandum of understanding with the AEA in contemplation of the AEA's participation in esports.eco as a co-equal partner. Under this agreement, the AEA will expose esports.eco to its member venues and collaborate with the USEA on achieving programmatic and ideological buy-in on the underlying ecological issues among AEA members. The AEA will also work with the USEA to estimate GHG emissions in relation to AEA competitions at the AEA level and to coordinate reporting for their member venues, some of which are included as proposed partners for this project.

History of Community-Driven Work

There exists a critical lack of funding and research on the issue of esports ecology. As a result, there has not been any industry-specific ecology work performed to date. While esports.eco is aligned on the UNFCCC's goals, these deficits have prevented work at any level thus far, both for esports.eco as well as any other esports or esports-adjacent initiatives. This issue is further exacerbated by dissimilar and disproportionate challenges in similar industries, especially sports, at the local, regional, national, continental, and international levels.

esports.eco is the first ecological sustainability initiative for the esports industry across the world. Thus this project would be the first attempt globally at researching esports' ecological impact in terms of Scope 2 emissions, publicly reporting this impact for multivarious industry stakeholder groups, and convening industry stakeholders to establish and implement standard best practices via voluntary consensus mechanisms. Given the USEA's prior relationship with the Global Esports Federation, which is a global esports industry governing body, as its US member federation from Q2 2020 to Q1 2022, this project's broader impact aligns with the historical and present work of the USEA within the global esports community.

Nature of Community Participation

Partnered local esports venues, who are indirect beneficiaries, were consulted about the project's reasonability in terms of their dispensation of roles and responsibilities as required, given the existence of a non-financial relationship between the partners and the USEA or AEA in this matter. Notably, many of these proposed partners have a pre-existing financial relationship with the AEA as part of a members dues program for participation in AEA programming. Direct beneficiaries in the local communities were not consulted in this project's development.

Control over this project will be delegated in parts. The AEA will control work with the local esports venues. The local esports venues will have supervised control over the data collection component of this project's research component. The USEA will have supervisory control over the research component and direct control over the educational component. The USEA, AEA, and local esports venues will share direct control over the voluntary consensus component.

The USEA and AEA will attempt to foster direct beneficiary control throughout the performance period and establish permanent direct beneficiary control thereafter.

Throughout the performance period, the USEA and AEA will work with partnered local esports venues to coordinate and publish information about the project, esports' ecological impacts, and ways that individual community members can contribute to reducing esports' negative impact. Community members will also be able to access and meaningfully participate in webinars as part of this project's education component as well as in the voluntary consensus component as a stakeholder class. Further, the USEA and AEA, in coordination with partnered local esports venues, will hold quarterly listening sessions to foster community participation and will make a form available for community members to provide feedback on the project and to lodge complaints about partnered esports venues to allege discrimination or other complaints.

Following the performance period, the USEA and AEA will continue to hold quarterly listening sessions to foster continuous community participation, engage community members as a stakeholder class in relation to this project's voluntary consensus component, and keep a form available for community members to provide feedback on the project and to lodge complaints. The USEA and AEA will work with the National Esports Collegiate Conference (NECC), which is the largest college esports athletic conference in North America, to coordinate internship and experiential learning opportunities at partnered local esports venues in relation to continuous research. The USEA has a pre-existing relationship with the NECC for a similar purpose, and the NECC is aligned with the USEA and AEA in offering such opportunities to interested students.

Part 1D: Incorporation of the EJCPS Model

This project incorporates and operationalizes Elements 1, 2, 3, 5, 6, and 7 of the EJCPS Model. Element 4 was excluded because it targets different stakeholders than proposed. As this project requires multi-stakeholder and cross-value chain buy-in to be successful, we intend to expand to include other stakeholders following the performance period.

Element 1

Element 1, *Issue Identification, Community Vision, and Strategic Goal Setting,* is incorporated and operationalized by this project's research and voluntary consensus components.

Within the research component, partnered local esports venues, as indirect project beneficiaries, will deploy and maintain three (3) watt monitors within their facilities and cooperate with the AEA on transmitting, cleaning, and warehousing data on a weekly basis. Once data are warehoused, they will be analyzed for trends, inefficiencies, and opportunities to implement best practices. As these data are not presently collected at the industry level, nor is

organizational reporting of electricity consumption and Scope 2 emissions normative, insights from this component will be foundational to identifying particular issues with local esports venues' operations and informing decision-making across stakeholder classes as a result.

Within the voluntary consensus component, partnered local esports venues, as indirect project beneficiaries, will co-found and participate in an industry self-regulation and standardization organization for the purpose of achieving consensus in relation to club esports. Participation in the standards development and implementation processes will require a science and evidence-based approach. The data from the research component, as well as any insights therefrom, will inform participating stakeholders as to the issue at hand and aid in their decision-making as to ways and means to effectively address esports' ecological risks. As such, this component supports the development of a community vision and enables strategic goal-setting based on science and empirical evidence.

Element 2

Element 2, *Community Capacity-Building and Leadership Development*, is incorporated and operationalized by all the components of this project.

Within the research component, partnered local esports venues, as indirect project beneficiaries, will deploy and maintain three (3) watt monitors within their facilities and cooperate with the AEA on transmitting, cleaning, and warehousing data on a weekly basis. This project activity will be the first time local esports venues, and the industry at large, participates in strategically coordinated electricity consumption monitoring to achieve desirable public health outcomes. As a result, this component builds capacity within emitting organizations at the community level and mobilizes esports stakeholders in support of climate action.

Within the education component, partnered local esports venues, as indirect project beneficiaries, will undergo a series of educational-informational webinars. These webinars will upskill staff as to best practices for reducing their facilities' Scope 2 emissions from esports activities as well as educate and inform stakeholders as to the findings of this project's research component. In this way, the education component builds local industry capacity and systematically upskills partnered local esports lounge staff as a means of achieving local climate resilience. This component also achieves systemic change as to esports lounges' energy conservation and efficiency and establishes generalizable training supports for broader within-stakeholder-group adoption. These gains serve to develop and mobilize esports stakeholders as leaders in ecological sustainability.

Within the voluntary consensus component, partnered local esports venues, as indirect project beneficiaries, will co-found and participate in an industry standardization and self-regulatory organization for the purpose of achieving consensus in relation to club esports. We will also seek ANSI recognition of this organization as a national standards developer, which will conform this organization's voluntary consensus mechanisms with those required by ANSI and ISO. By unifying this area of the industry in this way, this component builds local and industry capacity to combat esports' ecological risk and mobilize climate action.

Element 3

Element 3, *Consensus Building and Dispute Resolution,* is incorporated and operationalized by this project's voluntary consensus component. Partnered local esports venues, as indirect project beneficiaries, will co-found and participate in an industry standardization and self-regulatory organization for the purpose of achieving consensus in relation to club esports. We will also seek ANSI recognition of this organization as a national standards developer, which will conform this organization's voluntary consensus mechanisms with those required by ANSI and ISO. In this way, this project coordinates, facilitates, and systematizes the consensus-building process for all stakeholder classes on the issue of club esports, which includes but is not limited to local esports venues' ecological, and especially climate, risk. By unifying stakeholder interests in this way, this project works to align diverse stakeholders incentive structures along common ideas and plans for addressing areas of concern. From this, dispute-resolution mechanisms will likely emerge, as competing stakeholders classes will then have a voluntary forum to voice concerns.

Element 5

Element 5, *Constructive Engagement by Relevant Stakeholders,* is incorporated and operationalized by this project's education and voluntary consensus components.

Within the education component, partnered local esports venues, as indirect project beneficiaries, will undergo a series of educational-informational webinars. These educational-informational webinars will also be made available for public consumption at the time of production as well as on demand thereafter. Additional educational-informational materials on known best practices in energy efficiency for entertainment and sports venues and findings from this project's research component will similarly be made available to partnered local esports venues, community members, and any other stakeholder classes on demand. These webinars and materials will be the first of their kind and will offer local esports venues and other stakeholder classes easy and open access to information and assistance on the issue.

Within the voluntary consensus component, partnered local esports venues, as indirect project beneficiaries, will co-found and participate in an industry standardization and self-regulatory organization for the purpose of achieving consensus in relation to club esports. This organization will be the first organization of its kind for local esports venues and other stakeholder classes on the issue of club esports. As such, this organization will offer local esports venues and other stakeholder classes a public forum for fostering cooperation and consensus, addressing interorganizational concerns, resolving disputes, and instilling awareness to esports' ecological and climate risk, amongst other concerns, as central to the club esports conversation.

Element 6

Element 6, *Sound Management and Implementation,* is incorporated and operationalized throughout this project's execution by design. Through points of contact as clearly defined, the USEA will cooperate with the AEA in maximizing partnered local esports venues' participation in

all components of this project, ensuring their timely completion of deliverables and other performance milestones, complying with relevant governmental and organizational compliance processes and procedures, and proactively upholding the community's civil rights. To ensure transparency and accountability throughout the performance period, the USEA and AEA will regularly convene in formal settings to review this project's execution and partnered local esports venues' responsibilities throughout all components of this project, as agreed.

Element 7

Element 7, *Evaluation, Lessons Learned, and Replication of Best Practices,* is incorporated and operationalized throughout this project's execution by design. Through points of contact as clearly defined, the USEA will cooperate with the AEA in evaluating progress made towards achieving this project's performance milestones and desired public health outcomes. The Project Manager and Partner Manager will cooperate with partnered local esports venues on producing quarterly reports, status updates, and formal reflections on this project's execution, for internal, governmental, and public consumption. Other relevant compliance materials will be published on this project's dedicated website throughout the performance period.

Part 1E: Project Linkages

This project advances Goal 2 of the *EPA Strategic Plan, FY 2022-2026* by conducting novel research on the ecological impacts of esports activities, especially on the climate; educating emitting organizations on esports' ecological risk and known best practices in energy efficiency for entertainment and sporting venues; and convening stakeholders in a neutral forum for the purpose of achieving voluntary consensus on this matter. With these activities, this project advances Objective 2.2 by empowering communities with local esports venues to participate in industry decision-making, standardization, and self-regulation processes and assert their civil rights in defense of public health as equal beneficiaries of our natural environment.

Part 1F: Partner and Collaborate

Partner Responsibilities

The partnered local esports venues have committed to deploy and maintain watt monitors at their facilities for years 1-2 of the performance period, in respect of the research component; participate in educational-informational webinars hosted by the USEA and AEA, in respect of the education component; and co-found and fully participate in the voluntary consensus organization, in respect of the voluntary consensus component. The AEA has committed to cooperate with the USEA under an anticipated subaward in the execution of all parts of this project, as described throughout this application. Letters of commitment are attached.

Partner Resources and Interests

The partnered local esports venues have pledged time and effort as part of their commitment to their responsibilities, as described. The AEA has pledged time and effort as part of their commitment to their responsibilities, as described, in anticipation of a subaward.

The partnered local esports venues have a pre-existing financial relationship with the AEA and, as such, have a material interest in cooperating with the AEA in this and related matters. Based on consultation with the owners and operators of the partnered local esports venues, the USEA and AEA are confident in the stated commitment of the partnered local esports venues to dispense of their responsibilities, as described, and intend to hold them accountable to their letters of commitment, as attached. The USEA and AEA believe that strategic communications published throughout the performance period, as well as prominent recognition of partnered local esports venues for their participation, offer commercial incentives for cooperation.

Applicant - Partner Relationship

The USEA and AEA have a pre-existing relationship for the co-development and co-execution of esports.eco, part of which is this project's execution. The AEA has positive report with the partnered local esports venues, and the USEA and AEA have mutual positive report, given historical cooperation and collaboration.

Parts 2A-B: Project Activities and Milestones

This project consists of three (3) components: research, education, and voluntary consensus.

The research component consists of the deployment of watt monitors into partnered local esports venues' facilities for a period of two (2) years and is supported by data cleaning, warehousing, and publication in raw form.

The education component consists of the creation and dissemination of educational-informational materials focusing on esports ecology; known best practices in energy efficiency, especially for entertainment and sporting venues; and insights from data collection in the research component.The voluntary consensus component consists of the formation of a voluntary consensus organization in respect of club esports, acceptance into ANSI as a member and Accredited Standards Developer, and the creation of at least one (1) standard in relation to esports ecology, namely energy efficiency best practices.

Performance milestones and the timeline for the completion and delivery of project deliverables are provided by Figure D on the following page.

Figure D: Performance Milestones and Project Deliverables

Q3 2023	Q4 2023	Q1 2024	Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025	Q3 2025	Q4 2025	Q1 2026	Q2 2026
Data collection via watt monitoring at partnered local esports venues								Publish industry and academic report on esports' Scope 2 emissions		Adopt 1 standard on esports emissions and energy efficiency best practices	
Monthly blog posts on esports ecology, energy efficiency, and project progress											
Complete QAPP	Found nonprofit	Apply for ANSI membership	Apply for ANSI ASD status		Quarterly webinars on esports ecology and energy efficiency						

Part 3B: Performance Measurement Plan

The Project Manager and Partner Manager will convene weekly to assess progress made towards project deliverables and performance milestones and will document their formal interactions on this matter. The Partner Manager will convene the owners and operators of the partnered local esports venues to assess progress made towards project deliverables and performance milestones and to ensure their fullest dispensation of responsibilities. The Partner Manager will document their formal interactions on this matter and share documentation with the Project Manager within one (1) week of the documentation's creation.

The Project Manager will coordinate the provision of technical support services with the Partner Manager to ensure timely and efficient progress is made towards project deliverables and performance milestones by partnered local esports venues. Where timely and efficient progress on any matter is not being made, as supported by the Project Manager's and Partner Manager's documentation on the matter, the Project Manager will convene the affected partners and prescribe a remediation plan to regain timeliness and efficiency. The Project Manager will notify EPA as to any progress developments as they are realized and complete any progress reports prescribed by EPA prior to their deadlines for submission. If issues arise that are beyond the USEA's control, the Project Manager will contact EPA's principal point of contact to the USEA immediately to request non-financial support, if needed, and establish a remediation plan.

All documentation on performance measurement will be made available to the USEA and AEA on demand by means of a password-protected cloud storage system. The Project Manager will make such documentation available to EPA as requested or otherwise required. The Project Manager and Partner Manager will cooperate with partnered local esports venues on producing quarterly reports, status updates, and formal reflections on this project's execution, for internal, governmental, and public consumption. Other relevant compliance materials will be published on this project's dedicated website throughout the performance period.

Part 3C: Sustainability Plan & Community Vision

The USEA and AEA have a pre-existing memorandum of understanding contemplating the co-development of esports.eco as co-equal partners. We anticipate that this relationship will endure throughout the performance period and sustain esports.eco thereafter.

The AEA has a prior financial relationship with the partnered local esports venues, and we anticipate that this relationship will endure throughout the performance period and thereafter. Given this relationship, we anticipate that participation in continuous research, education, and voluntary consensus by partnered local esports venues will be maintained throughout the performance period and thereafter. We additionally anticipate that the partnered local esports venues' membership in the voluntary consensus organization, as part of this project's voluntary consensus component, will incentivize them to maintain participation in esports.eco following the performance period.

The USEA and AEA are in agreement that the AEA will coordinate participation in esports.eco by its other local esports venues following the performance period. Following the performance

period, the USEA and AEA will work with the National Esports Collegiate Conference (NECC), which is the largest college esports athletic conference in North America, to coordinate internship and experiential learning opportunities at partnered local esports venues in relation to continuous research. The USEA has a pre-existing relationship with the NECC for a similar purpose, and the NECC is aligned with the USEA and AEA in offering such opportunities to interested students. We anticipate that increasing student participation and collegiate buy-in to esports.eco, especially for students and institutions that share communities with local esports venues, will further esports.eco's growth and sustainability following the performance period.

Parts 4A-C: Programmatic Capability

Organizational Experience & Infrastructure

The USEA has the necessary controls to ensure successful and compliant project execution as a result of a previous federal financial award. The USEA's subject-matter experience is derived from its participation in the UNFCCC's Sports for Climate Action Framework and Race to Zero. The USEA intends to contract Sarah Han, who is the USEA's present Managing Director of Communications, as Project Manager, and Victoria Johnson, who was instrumental in developing esports.eco, as a Climate Specialist.

The AEA does not have prior experience with sustainability programming. As a result, the Project Manager will be contracted from the USEA and will oversee, coordinate, and lead the execution of all parts of this project, including the execution of the AEA's responsibilities. As an anticipated subaward, the AEA will comply with the USEA's internal procurement policy, which itself is compliant with 2 CFR 200, and the USEA's policies and procedures for soliciting, receiving, and addressing complaints as to discrimination or other civil rights violations. The AEA has a qualified volunteer staff and will contract with Wyatt Pursley, who is the AEA's present CEO, as Partner Manager. The USEA will leverage its positive report with the AEA in overseeing administration and compliance.

Staff Experience & Qualifications

Project Manager

We intend to contract with Sarah Han, who is the USEA's present Managing Director of Communications and secondary point of contact for the USEA's previous federal financial award, for the performance of project management services. Sarah would be responsible for leading the execution of this project in all parts, which includes but is not limited to coordination of project activities by proposed partners, management of the procurement process for subawards and contracts, oversight and approval of deliverables from subawards and contracts made, and service as principal point of contact between the USEA and EPA.

Sarah has 10+ years of paid work experience in client management, community development, and event management. In this time, Sarah worked for more than four (4) years in wealth management for UBS, which is a globally recognized bank, in client

support for managing portfolios totaling at least $10 million in assets; led the development of a community esports organization at California State University, Long Beach; and has over two (2) years of experience in the esports and gaming industries. Sarah is also instrumental to the day-to-day operations of the USEA, which she supports collaboratively with the Managing Director of Operations who serves as the organization's executive director.

Climate Specialist

We intend to contract with Victoria Johnson, who was instrumental in the development of the USEA's esports.eco program throughout 2021, for the performance of specialist services in relation to this project's education and voluntary consensus components. Victoria would be responsible for providing subject-matter expertise in the development of educational-informational materials and webinars within the education component as well as the development of the voluntary consensus organization and advisory of the governing body of the voluntary consensus organization on relevant subject matter within this project's voluntary consensus component.

Victoria earned a BS in Geophysics from the University of Washington in Spring of 2021 and had her thesis research accepted for the Fall 2021 meeting of the American Geophysical Union. While her particular area of study differs from climate science per se, Victoria's experience with data analysis and modeling of seismic data is substantially relevant to this project's technical demands. From her work on esports.eco to date, Victoria has familiarized herself with the Corporate Standard and has supported research in development by the USEA as to esports' ecological impact, with a focus on sustainable business models and alternative frameworks for conceptualizing esports emissions.

Partner Manager

We intend to make a subaward to the AEA for services in support of this project's research and education components. We anticipate that the AEA will contract with Wyatt Pursley, who is the AEA's present CEO, for the performance of partner management services. Wyatt would be responsible for leading the execution of this project's research component, liaising with partnered local esports venues, managing the procurement process for contracts made by the AEA under their proposed subaward, overseeing and approving of deliverables from contracts made, and serving as principal point of contact between the USEA and AEA and between the AEA and partnered local esports venues.

Wyatt is the AEA's founder and chief executive. As such, Wyatt has led the AEA into being the largest network of independent or franchised local esports venues and community-based esports clubs across the United States as well as the only nonprofit organization organizing community-based esports competitions in this way. Given Wyatt's position within the organization, he has unique and special relationships with the owners and operators of the partnered local esports venues. We anticipate that this

positive report will foster streamlined and efficient work with partnered local esports venues throughout all parts of this project, especially the research component.

Expenditure of Awarded Grant Funds

The USEA is compliant with 2 CFR 200 through its internal procurement policy. The Project Manager has experience working with federal information systems to file progress reports and requests draw-downs from awards. The USEA's Board of Directors has sole control over the USEA's financial affairs, including budgeting and the release of funds. The Project Manager also has experience meeting and evaluating project deliverables and performance milestones, especially with the USEA's previous federal financial award. Through the anticipated subaward relationship between the USEA and AEA, the USEA will ensure compliance with federal laws and regulations, project deliverables and performance milestones are met, and grant monies are timely and efficiently dispensed.

Part 5: Past Performance

The USEA does not have experience with EPA assistance agreements or non-federal grants. The USEA was awarded a grant in 2022 under the Targeted Violence and Terrorism Prevention program administered by the DHS Center for Prevention Programs and Partnerships (CP3).

- Opportunity Number: DHS-22-TTP-132-00-01
- Award Number: EMW-2022-GR-00102

The USEA has met performance milestones as agreed to and accepted by CP3 and has submitted performance reports to CP3 and FEMA prior to the deadline. When the USEA has not met performance milestones within the anticipated timeline, the USEA has communicated these shortcomings as well as the relevant challenges and other circumstances that led to this transpiring. The USEA has also made alternative accommodations to remediate any performance deadline shortcomings, communicated these to CP3, and worked to meet alternative deadlines. The USEA has not requested any extensions to the performance period.

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Alaska Municipal League

Address: One Sealaska Plaza, Suite 302

City: Juneau

State: AK: Alaska Zip Code: 99801

B. Unique Entity Identifier (UEI): RPTJN4EMAGN3

C. Applicant/Recipient Point of Contact

Name: Nils Andreassen

Phone: Ex. 6 - Personal Privacy (PP)

Email: nils@akml.org

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

Not applicable, no pending lawsuits.

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

Not applicable, no pending lawsuits.

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

Not applicable, no pending lawsuits.

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☒ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

Not applicable.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

Not applicable, we have less than 15 employees.

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

Not applicable, we have less than 15 employees.

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Alicia Hughes-Skandijs	Executive Director	04/13/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Nils | Middle Name:
Last Name: Andreassen | Suffix:
Title: Executive Director

Complete Address:

Street1: One Sealaska Plaza
Street2: Suite 302
City: Juneau | State: AK: Alaska
Zip / Postal Code: 99801 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:** Ex. 6 Personal Privacy (PP)
E-mail Address: nils@akml.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Lisa | Middle Name:
Last Name: Fisher | Suffix:
Title: Controller

Complete Address:

Street1: One Sealaska Plaza
Street2: Suite 302
City: Juneau | State: AK: Alaska
Zip / Postal Code: 99801 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:** Ex. 6 Personal Privacy (PP)
E-mail Address: lisa@akml.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Alicia | Middle Name:
Last Name: HughesSkandijs | Suffix:
Title:

Complete Address:

Street1: One Sealaska Plaza
Street2: Suite 302
City: Juneau | State: AK: Alaska
Zip / Postal Code: 99801 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:** Ex. 6 Personal Privacy (PP)
E-mail Address: alicia@akml.org

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: | First Name: Erin | Middle Name:

Last Name: Reinders | Suffix:

Title: Infrastructure Coordinator

Complete Address:

Street1: One Sealaska Plaza

Street2: Suite 302

City: Juneau | State: AK: Alaska

Zip / Postal Code: 99801 | Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:** Ex. 6 - Personal Privacy (PP)

E-mail Address: erin@akml.org

EPA Form 5700-54 (Rev 4-02)

State of Alaska

Department of Commerce

Juneau

CERTIFICATE OF INCORPORATION

The undersigned, as Commissioner of Commerce of the State of Alaska, hereby certifies that duplicate originals of the Articles of Incorporation of ALASKA MUNICIPAL LEAGUE

duly signed and verified pursuant to the provisions of the Alaska Non-Profit Corporation Act, have been received in this office and are found to conform to law.

ACCORDINGLY the undersigned, as such Commissioner of Commerce, and by virtue of the authority vested in him by law hereby issues this Certificate of Incorporation of

ALASKA MUNICIPAL LEAGUE

and attaches hereto a duplicate original of the Articles of Incorporation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my official seal, at Juneau, the Capital, this

11th day of January A.D. 19 72

KENNETH M. KADOW
COMMISSIONER OF COMMERCE

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RECORD

ARTICLES OF INCORPORATION

ALASKA MUNICIPAL LEAGUE

The undersigned adult residents of the State of Alaska desiring to form a corporation not for profit under AS 10.20, adopt the following Articles of Incorporation:

ARTICLE I

The name of the corporation is the Alaska Municipal League.

ARTICLE II

The purposes for which the corporation is organized are as follows:

(a) To perpetuate and develop the League as an agency for the cooperation of Cities and Boroughs in the State of Alaska for the practical study of municipal affairs.

(b) To promote application of the best methods in all branches of municipal service by holding at least one conference annually for the discussion of problems of administration.

(c) To gather and circulate information and experience concerning the most approved methods of municipal administration.

(d) To secure general and municipal legislation which will be beneficial to the Cities and Boroughs and inhabitants thereof, and to oppose legislation injurious thereto.

(e) To safeguard the interests, rights and privileges of Alaskan Cities and Boroughs as they may be affected by Federal and State governmental action.

(f) To secure cooperation among Cities and Boroughs of the State in a thorough study of local problems and in the application of efficient methods of local government.

(g) To provide means whereby municipal officials may interchange ideas, experiences, and obtain expert advice.

(h) To engage in the study and preparation of uniform ordinances, resolutions, and practices; and to do any and all other things necessary or proper for the benefit of the Cities and Boroughs of Alaska.

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(i) To promote the general welfare of the Cities and Boroughs in this State and the general improvement and facilitation of every branch of municipal government and administration.

ARTICLE III

The principal place of business of the corporation is in Juneau, Alaska.

ARTICLE IV

The period of the corporation's duration is perpetual.

ARTICLE V

Any incorporated Alaska City, organized Borough, or Federally incorporated community shall be eligible for membership in this League. When the City or Borough becomes a member of the League, any official of such City or Borough may be selected by its governing body as a delegate to any convention of the League. Any member City or Borough which shall be in arrears for more than one-year's dues shall be stricken from the roll of the League until its dues shall be paid in full. Any member City or Borough may withdraw from the League after thirty (30) days' written notice thereof is given to the Executive Director, provided that all dues then payable have first been paid.

ARTICLE VI

The address of the initial registered office of the corporation is Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP). The initial registered agent shall be Don M. Berry.

ARTICLE VII

The powers of this corporation shall be exercised, its properties controlled and its affairs conducted by the Board of Directors. The Board of Directors shall consist of the President, Vice-President, and seven Directors, each of whom shall hold an elective or appointive position in a member City or Borough. The officers of this organization shall be a President, Vice-President, and an Executive Director. The terms of office of the President and Vice-President shall be one year. The terms of office of Executive Director shall be two years. The initial officers and directors shall be the officers and directors of the existing unincorporated association known as the Alaska Municipal League, to which this corporation is successor. Any vacancy in office shall be filled by appointment by the President subject to approval of the Board of Directors. The Board of Directors

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shall not receive any compensation for their services but, by resolution of the Board, may receive reimbursement for actual and necessary expenses incurred in the performance of their duties. The President may appoint special committees for the purpose of studying municipal problems, conducting schools, making legislative recommendations, or other appropriate League services. No committee shall be authorized to create any financial liability unless it shall have been approved both in nature and amount by the President, the Executive Director, or the Board of Directors.

ARTICLE VII

An annual conference of the League shall be held each year at a time and place to be determined by the Board of Directors. The program of the annual conference shall be arranged by or under the direction of the Board of Directors. Special meetings of the League may be called by the President or by a majority of the Board of Directors at any time by giving notice to the City Clerk of each member City and Borough at least fifteen (15) days prior to the date of the meeting. The notice shall state the purpose of the meeting. Regional meetings may be called at any time for the benefit of City and Borough officials located in various sections of the State in the same manner as herein provided for calling special meetings.

ARTICLE VIII

Nomination for elective offices shall be made by a nominating committee of five (5) members chosen by the President on the first day of the annual conference. Additional nominations may be made from the floor, and elections shall be on the last day of the session.

ARTICLE IX

There shall be no limit upon the number of delegates to be sent by any member City or Borough to the meeting of the League. All delegates may be heard in debate. Questions shall be decided by voice vote unless any member City or Borough shall require roll call vote. When a roll call vote is taken, each member City or Borough is entitled to only one (1) vote. Each delegation shall select one of its registered delegates as chairman to express or record its vote. No member may vote by proxy.

ARTICLE X

The annual dues for each City or Borough shall be based on the population within the City or Borough as determined on December 1st of each year by the governing body thereof. The rate of annual dues for each member

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City and Borough shall be established by the Board of Directors. The dues shall be payable in advance on January 1st of each year, provided that dues for any member City or Borough joining the League between April 1st and June 30th shall be three-fourths (3/4) of the annual dues; between July 1st and September 30th shall be one-half (1/2) of the annual dues; and between October 1st and December 31st shall be one-quarter (1/4) of the annual dues.

ARTICLE XI

Upon the dissolution or winding up of this corporation, its assets remaining after payment of, or provision for payment of, all debts and liabilities of this corporation shall be distributed to the State of Alaska or to a local government body of the State of Alaska for use exclusive for public purposes, or to a non-profit fund foundational corporation which is organized and operated exclusively for charitable purposes and which has established its tax exempt status under Section 501 (c) (3) of the Internal Revenue Code, and Section 23701 - d of the Revenue and Taxation Code. If this corporation holds any assets in trust, such assets shall be disposed of in such a manner as may be directed by decree of the Superior Court of the Judicial District in which this corporation's principal office is located upon petition thereof by the Attorney General or by any person concerned in the liquidation.

ARTICLE XII

The League shall always be non-partisan in its organization and in the conduct of its affairs. It shall be the duty of the presiding officer to suppress the discussion of partisan politics and to suppress efforts to make a personal or political attack upon any official or any member of this League.

ARTICLE XIII

It shall be the duty of the Executive Director to prepare by-laws and submit them to the Board of Directors for consideration and adoption by a majority of its members. By-laws may be amended by a majority vote at the annual meeting or any special meeting of the League.

ARTICLE XIV

These articles of incorporation may be amended at the annual meeting or special meeting by a two-thirds (2/3) vote of all Cities and Boroughs voting, provided the proposed amendment shall have been submitted in writing and read to the delegates on the first day of the meeting.

ED_016126_00000540-00005

AK Entity #: Ex. 6 Personal Privacy (PP)
Date Filed: 01/11/1972
State of Alaska, DCCED

ARTICLE XV

The names and addresses of the persons who are to act as the first directors of the corporation until selection of their successors are:

George M. Sullivan, City of Anchorage, Ex. 6 Personal Privacy (PP)

John A. Carlson, Fairbanks North Star Borough, Box 1267, Fairbanks,

George W. Anderson, City of Ketchikan, Ex. 6 Personal Privacy (PP)

B. W. Mathery, City and Borough of Juneau, Ex. 6 Personal Privacy (PP)

Hazel Heath, City of Homer, Box 335, Homer, Alaska, 99603

Rocky Gutierrez, City and borough of Sitka, Box 950, Sitka, Ak. 99835

Joseph A. McLean, City and Borough of Juneau, Ex. 6 Personal Privacy (PP)

Edwin H. Glotfelty, City of Kenai. Box 580, Kenai, Alaska, 99611

Robert G. Parsons, City of Fairbanks, Box 790, Fairbanks, Ak. 99701

Walter Parker, Greater Anchorage Area Borough, Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

Edward Hoffman, City of Bethel, Box 7, Bethel, Alaska, 99559

ARTICLE XVI

The names and addresses of the incorporators are:

George M. Sullivan, City of Anchorage, Ex. 6 Personal Privacy (PP)

John A. Carlson, Fairbanks North Star Borough, Box 1267, Fairbanks

George W. Anderson, City of Ketchikan, Ex. 6 Personal Privacy (PP)

Walter B. Parker, Greater Anchorage Area Borough, Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

Hazel Heath, City of Homer, Box 335, Homer, Alaska 99603

Robert G. Parsons, City of Fairbanks. Box 790, Fairbanks, Ak. 99701

Edwin H. Glotfelty, City of Kenai, Box 580, Kenai, Alaska, 99611

Les Shepard, City and Borough of Sitka, Box 950, Sitka, Ak. 99835

ED_016126_00000540-00006

DATED at Ketchikan, Alaska on this 29th day of October 1971.

[illegible] [illegible]

[illegible] [illegible]

[illegible] [illegible]

[illegible] [illegible]

ACKNOWLEDGEMENT

STATE OF ALASKA)
) ss.
FIRST JUDICIAL DISTRICT)

I HEREBY CERTIFY that on this _____ day of _____, 19__ personally appeared before me the foregoing people who have signed the above signatures, who being duly sworn severally declared that they are the persons who signed the foregoing document as incorporators and that the statements therein contained are true.

_____
Notary Public for Alaska.
My commission expires: _____

ED_016126_00000540-00007

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:	* 2. Type of Application:	* If Revision, select appropriate letter(s):
☐ Preapplication	☒ New	
☒ Application	☐ Continuation	* Other (Specify):
☐ Changed/Corrected Application	☐ Revision	

* 3. Date Received:	4. Applicant Identifier:
04/13/2023	RPTJN4EMAGN3

5a. Federal Entity Identifier:	5b. Federal Award Identifier:
EPA	66.306

State Use Only:

6. Date Received by State:	7. State Application Identifier: Alaska

8. APPLICANT INFORMATION:

* a. Legal Name: Alaska Municipal League

* b. Employer/Taxpayer Identification Number (EIN/TIN):	* c. UEI:
92-0031908	RPTJN4EMAGN3

d. Address:

* Street1:	One Sealaska Plaza
Street2:	Suite 302
* City:	Juneau
County/Parish:	
* State:	AK: Alaska
Province:	
* Country:	USA: UNITED STATES
* Zip / Postal Code:	998011245

e. Organizational Unit:

Department Name:	Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:		* First Name:	Nils
Middle Name:			
* Last Name:	Andreassen		
Suffix:			

Title: Executive Director

Organizational Affiliation:

* Telephone Number:	Ex. 6 - Personal Privacy (PP)	Fax Number:	Redacted

* Email: nils@akml.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

N: Nonprofit without 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Health Climate Planning that Strengthens Alaska's Rural Communities

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: AK-001 * b. Program/Project: AK-001

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 10/01/2023 * b. End Date: 09/30/2026

18. Estimated Funding ($):

* a. Federal	495,691.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	495,691.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name: Nils

Middle Name:

* Last Name: Andreassen

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 - Personal Privacy (PP) Fax Number: Redacted

* Email: nils@akml.org

* Signature of Authorized Representative: Alicia Hughes-Skandijs * Date Signed: 04/13/2023

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Health-Climate Planning that Stregthens Alaska's Rural Communities

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167281.00
495691.00

163197.00
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167281.00
495691.00

450628
45063

Alaska Municipal League
One Sealaska Plaza, Suite 302
Juneau
AK: Alaska
99801

RPTJN4EMAGN3
Nils Andreassen
EX. 6 - Personal Privacy (PP)
nils@akml.org
Executive Director
N: No
Not applicable, no pending lawsuits.
Not applicable, no pending lawsuits.
Not applicable, no pending lawsuits.
N: No
N: No
Not applicable.
Y: Yes
Y: Yes

Y: Yes
Y: Yes
Y: Yes
Y: Yes
Not applicable, we have less than 15 employees.
Not applicable, we have less than 15 employees.
Alicia Hughes-Skandijs
Executive Director
2023-04-13

1234-AML_Project Narrative and Work Plan.pdf
application/pdf
sgh/7cPQExMGmOi28HKfYVNK5Ik=

Nils
Andreassen

Executive Director
One Sealaska Plaza
Suite 302
Juneau
AK: Alaska
99801
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
nils@akml.org

Lisa
Fisher

Controller
One Sealaska Plaza
Suite 302
Juneau
AK: Alaska
99801
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
lisa@akml.org

Alicia
HughesSkandijs

One Sealaska Plaza
Suite 302
Juneau
AK: Alaska

99801
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
alicia@akml.org

Erin
Reinders

Infrastructure Coordinator
One Sealaska Plaza
Suite 302
Juneau
AK: Alaska
99801
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
erin@akml.org

1235-AML_Budget Detail.pdf
application/pdf
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1236-AML_Letters of Commitment.pdf
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1237-AML_Logic Model.xlsx
application/vnd.openxmlformats-officedocument.spreadsheetml.sheet
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1238-Attachment_AlaskaHIAToolkit.pdf
application/pdf
6sb4mKp3BtAxjSeS+Y5ROr4CvmY=

1239-Attachment_Assessment of the Potential Health Impacts of Climate Change in Alaska.pdf
application/pdf
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1240-Resumes.pdf
application/pdf
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Application
New
2023-04-13
RPTJN4EMAGN3
EPA

66.306
Alaska
Alaska Municipal League
92-0031908
RPTJN4EMAGN3
One Sealaska Plaza
Suite 302
Juneau
AK: Alaska
998011245
USA: UNITED STATES

Nils
Andreassen

Executive Director
EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
nils@akml.org
N: Nonprofit without 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Health Climate Planning that Strengthens Alaska's Rural Communities
AK-001
AK-001
2023-10-01
2026-09-30
495691.00
0.00
0.00
0.00
0.00
0.00
495691.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Nils
Andreassen

Executive Director
EX. 6 - Personal Privacy (PP)
nils@akml.org
EX. 6 - Personal Privacy (PP)
Alicia Hughes-Skandijs
2023-04-13

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2023-04-13T21:45:31.000-04:00
Alicia Hughes-Skandijs

GRANT13860878

UAA Institute for Circumpolar Health Studies
University of Alaska Anchorage

U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA)
OFFICE OF ENVIRONMENTAL JUSTICE AND EXTERNAL CIVIL RIGHTS (OEJECR)
1200 Pennsylvania Ave, N.W.
Washington, DC 20460

April 5th, 2023

The University of Alaska Anchorage (UAA) Institute for Circumpolar Health Studies has worked with the Alaska Municipal League (AML) to support and host the Alaska Municipal Climate Network (AMCN). This ongoing effort has helped share climate planning information with community leaders, and presented best practices at AML's annual local government conference.

UAA is pleased to be able to strengthen this collaboration in support of this application to EPA, focused on collaborative problem solving. This serves as our letter of commitment to participate in the project, and to provide technical assistance as it relates to climate action and resilience planning, including in its relation to the outcomes of the health impact assessments being conducted.

I will serve as the UAA project lead. My research focuses on understanding the health impacts of climate change and working with communities to develop locally relevant adaptation and resilience-building strategies. To address community needs, my prior work has addressed vector-borne and zoonotic diseases, wildfires, health and extreme heat, air quality, food security, and safe transportation. I also facilitated the development of the Municipality of Anchorage's Climate Action Plan in 2019. My role in the project's development and implementation, includes:

- Identifying available data sources and information related to the intersection of public health and climate change impacting communities in Alaska.
- Development of a model or template climate action and resilience plan (CARP) for use by the project team, which will facilitate the strategic and efficient implementation in communities.
- Working with the project team to develop the plan for or helping conduct climate planning with local resilience planning committees.
- Reviewing draft CARPs to ensure technical accuracy and provide recommendations as necessary.

The contribution of UAA staff time will be considered a subaward and compliant with 2 CFR 200, leveraging UAA's staff expertise and interests, including work that is already occurring in relation to climate planning in Alaska. UAA's team at the Institute for Circumpolar Health Studies includes a variety of research assistants, and we are able to bring in additional resources as needed to complete the project effectively.

UAA understands that this project will occur over three years, beginning in November 2023, and that the CARP component will occur mainly in the second half of the project. Technical assistance will be provided throughout, including through the implementation of the health impact assessments that are scheduled to be deployed in the first half of the project. My experience may be helpful here, too.

I look forward to a successful outcome from this application and to working with AML in delivering this project in ways that benefit the public health and environmental justice of Alaska communities.

Sincerely,

Micah B. Hahn

Micah Hahn, PhD, MPH
Associate Professor of Environmental Health
Ex. 6 - Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)

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THE STATE of ALASKA
GOVERNOR MIKE DUNLEAVY

Department of Health
DIVISION OF PUBLIC HEALTH
Section of Epidemiology
3601 C Street, Suite 540
Anchorage, Alaska 99503
Main: Ex. 6 - Personal Privacy (PP)
Fax: Redacted

April 11, 2023

U.S. Environmental Protection Agency (EPA)
Office of Environmental Justice and External Civil Rights (OEJECR)
1200 Pennsylvania Ave, N.W.
Washington, DC 20460

On behalf of the Alaska Department of Health (DOH), Division of Public Health (DPH), please accept this letter of commitment from DOH for the Alaska Municipal League (AML) proposal, "Health-Climate Planning that Strengthens Alaska's Rural Communities". We commit to participating in the project by providing technical assistance on topics related to public health, particularly on the use of health impact assessments (HIA) to evaluate the impact of climate change and natural disasters on disadvantaged communities in rural areas of Alaska.

DPH currently has a memorandum of agreement with AML to collaborate on addressing public health concerns in Alaska and we look forward to strengthening this collaboration through the project proposed by AML.

The Environmental Public Health Program (EPHP), within DPH, will be lead during this collaborative effort. I manage this program and lead climate and health activities for the Department. I am also lead on DOH activities related to HIA and helped develop the Alaska HIA toolkit. As part of this work, I was the primary author on the 2018 DPH report, "Potential Health Impacts of Climate Change in Alaska". EPHP intends to be a strong contributor to the project's development and implementation, and will participate as capacity allows in the:

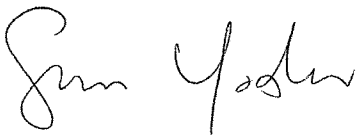
- Identification of available public health data to be used for community HIAs and assessing social determinants of health.
- Development of model or template assessment for use by the project team to facilitate the rapid appraisal within communities.
- Development of stakeholder engagement plan.
- Review of draft HIAs to ensure technical accuracy and provide recommendations as necessary.

Contributions from EPHP staff will be considered in-kind support and will, wherever possible, leverage DOH staff expertise and interests, including current work related to climate and health in Alaska. We understand that this project will occur over three years, beginning in November 2023, and that the HIA component will occur mainly in the first half of the project. As feasible,

technical assistance will be provided throughout, including through the development of climate action and resilience plans that are scheduled to be developed in the second half of the project.

We look forward to a successful outcome from this application, as well as working with AML in delivering this project, which we feel will benefit public health and environmental justice for in Alaskan communities.

Sincerely,



Sarah Yoder
Environmental Public Health Program Manager
Alaska Department of Health
Division of Public Health | Section of Epidemiology
sarah.yoder@alaska.gov; Ex. 6 - Personal Privacy (PP)

THE STATE of ALASKA
GOVERNOR MIKE DUNLEAVY

Department of Environmental Conservation

DIVISION OF AIR QUALITY
Office Name

555 Cordova Street
Anchorage, Alaska, 99501
Main: Ex. 6 - Personal Privacy (PP)
Toll free: Ex. 6 - Personal Privacy (PP)

U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA)
OFFICE OF ENVIRONMENTAL JUSTICE AND EXTERNAL CIVIL RIGHTS (OEJECR)
1200 Pennsylvania Ave, N.W.
Washington, DC 20460

April 5th, 2023

The Alaska Department of Environmental Conservation (DEC) is working closely with the Alaska Municipal League (AML) to ensure an effective response to EPA's Climate Pollution Reduction Grant Program. The close collaboration that AML has with other State agencies, including Department of Health and Alaska Department of Transportation and Public Facilities reflects the value that AML brings to strengthening the intersection of local and State government processes and activities.

Given DEC's role in delivering a Priority Climate Action Plan for the State of Alaska, including to conduct a greenhouse gas emission inventory, and ultimately to produce a Comprehensive Climate Action Plan, it is critical that partnerships exist between communities and state government. DEC will work with AML to meet the deliverables of that effort.

At the same time, DEC recognizes how broad in scope community concerns and climate resilience truly are, and believes that additional components as highlighted in this application will inform overall state processes. By including elements such as environmental justice and social determinants of health, and utilizing tools like the health impact assessment, we believe that our coordinated approach to addressing resilience will be strengthened.

With that in mind, DEC is pleased to be able to strengthen this collaboration in support of AML's application to EPA, focused on collaborative problem solving. This serves as our letter of commitment to participate in the project, and to provide technical assistance as it relates climate action plan development, including to cross-reference against the work that we will conduct to complete the Climate Pollution Reduction grant activities.

The DEC project lead is Morgan Frank, who will be a strong contributor to the project's development and implementation, and is the project manager for DEC for the CPRG, who will:

- Provide DEC resources and data as applicable, and coordinate sharing of GHG inventory data.
- Coordinate with the project team any consultation on State-level climate action plan activities.

- Work to align community priorities, environmental justice considerations, and health equities as part of statewide planning.

This staff time will be considered in-kind support, leveraging DEC staff expertise and interests, including work that is already occurring in relation to climate planning in Alaska. DEC's air quality team is extensive, and we are able to bring in additional resources as needed. DEC understands that this project will occur over three years, beginning in November 2023, and that our collaboration will be beneficial over the life of the project.

We look forward to a successful outcome from this application and to working with AML in delivering this project in ways that benefit climate action planning within Alaska communities.

Sincerely,

Morgan Frank

Morgan Frank, Program Manager

Division of Air Quality

Air Non-Point and Mobile Sources

cc: Jason Olds / DEC Air Director

Joey Ausel/ DEC Administrative Services Manager

Barbara Trost/ DEC Monitoring and Quality Assurance Manager

U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA)
OFFICE OF ENVIRONMENTAL JUSTICE AND EXTERNAL CIVIL RIGHTS (OEJECR)
1200 Pennsylvania Ave, N.W.
Washington, DC 20460

April 5th, 2023

The Alaska Federation of Natives (AFN) is working closely with the Alaska Municipal League (AML) to ensure an effective response to federal investment opportunities that benefit Alaska's communities and Tribal governments. AFN and AML have co-hosted two infrastructure symposia and a broadband summit in the last year, and contribute to the work of the Alaska Infrastructure Coordinating Committee and online resources for Alaska communities.

AFN manages a program of Community Navigators who assist Tribal governments in working through federal opportunities, and fostering collaboration. AFN provides technical assistance to Tribal governments, Alaska Native regional and village corporations, and affiliates organizations. AFN is uniquely situated to facilitate engagement and participation in community-level activities.

AFN is pleased to be able to strengthen this collaboration in support of AML's application to EPA, focused on collaborative problem solving. This serves as our letter of commitment to participate in the project, and to assist especially with stakeholder engagement as it relates to Alaska' Tribal governments.

Our project lead is Nicole Borromeo, who is the program director for the AFN Navigator Program, and who will:

- Provide input and guidance in project development and implementation, ensuring that resilience strategies are consistent with priorities expressed by Tribes in Alaska.
- Coordinate with the project team any consultation on community level climate action plans or strategies, and to encourage Tribal environmental coordinators to participate in Local Resilience Planning Committees.
- Contribute perspectives on equitable resilience and climate planning, and environmental justice.

This staff time will be considered in-kind support, leveraging AFN staff expertise and interests, and work that is already occurring in relation to maximizing the federal investment into Alaska. AFN understands that this project will occur over three years, beginning in November 2023, and that our collaboration will be beneficial over the life of the project.

Alaska Federation of Natives | Ex. 6 Personal Privacy (PP)
Phone: Ex. 6 - Personal Privacy (PP) Fax: Ex. 6 Personal Privacy (PP) Website: www.nativefederation.org

We look forward to a successful outcome from this application and to working with AML in delivering this project in ways that benefit climate action planning within Alaska communities.

Sincerely,

Julie Kitka
President

Alaska Federation of Natives | 3000 A Street, Suite 210 | Anchorage, Alaska 99503
Phone: Ex. 6 - Personal Privacy (PP) Fax: Ex. 6 Personal Privacy (PP) Website: www.nativefederation.org

Ex. 6 Personal Privacy (PP)
Executive Director
Alaska Municipal League

CONTACT

Ex. 6 Personal Privacy (PP) Juneau, AK 99801 * Ex. 6 - Personal Privacy (PP) * [redacted]@akml.org * www.akml.org

EDUCATION AND TRAINING

University of Saskatchewan / University of Tromso – Master of Arts, Expected Dec 2023

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Supervise staff of 14 and support board of 29. Set strategic direction and implement member directed activities. Serve as a Trustee of the Alaska Municipal League Joint Insurance Association, and as executive director of the Alaska Municipal League Investment Pool, overseeing $460 million in assets. Responsible for operations that include Alaska Municipal Financial Solutions, providing bookkeeping and accounting services; Alaska Remote Seller Sales Tax Commission, which manages the collection annually of $20 million; and the Alaska Municipal Health Trust.

2009 – 2018 - *Executive Director* ◦ Institute of the North
Principal Investigator for the Arctic Council's Arctic Energy Summit, Principal Investigator for the Arctic Council's Arctic Maritime and Aviation Transportation Infrastructure Initiative. Supervise staff of two to five people, manage funding of up to $1,500,000 annually, and develop strategic plan and implementation process for the Institute of North. Secretariat for the State of Alaska's Alaska Arctic Policy Commission and author/editor of the State's Arctic Policy; and Secretariat of the State's Climate Change Task Force and author/editor of the State's Climate Change Policy.

2005 – 2009 - *VISTA Program Coordinator* ◦ Rural Alaska Community Action Program
Coordination of VISTA Village Council Management Program in ten rural communities. Develop community planning curriculum for VISTA members, and coordinate environmental activities for 20 AmeriCorps members in rural Alaska, overseeing completion of Fire Smart Alaska program.

PUBLICATIONS

- Ex. 6 Personal Privacy (PP)
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2019 – 2022 - *City Manager* ◦ City of Unalaska and International Port of Dutch Harbor
Ensure policy direction set by City Council is implemented and delivery of public services is provided in an efficient and cost-effective manner. Direct oversite of Assistant City Manager and nine department directors.

2015 – 2019 - *Assistant City Manager* ◦ City of Unalaska and International Port of Dutch Harbor
Led Department of Administration with staff and programs involved with human resources, risk management, employee housing, non-profit community support grants. Formalized employee development program, including a partnership with University of Alaska Fairbanks to provide onsite Certified Public Management training for Directors and Deputy Directors.

2011 – 2015 - *Director of Planning* ◦ City of Unalaska and International Port of Dutch Harbor
Led staff and projects involved with comprehensive planning, housing initiatives, development review, tideland leasing, GIS & mapping, and historic preservation. Coordinated the annual development and adoption process of the 5-year Capital Project & Major Maintenance Plan, and the integration into Budget process. Reestablished the Historic Preservation Commission and provided staff support to the Planning Commission, Historic Preservation Commission, & City Council.

2009 – 2011 - *Long Range Planning Supervisor* ◦ City of Franklin, Tennessee
Formed and managed the Long-Range Planning Division in the Department of Planning and Sustainability, which included staff and projects involving sustainability, land use and transportation planning, and grant administration. Coordinated annual updates to the Land Use Plan, tracking outreach methods and increasing participation.

SYNERGISTIC ACTIVITIES

- *Alaska Planner of the Year Award Recipient*, 2015
- *Credentialed Manager*, International City and County Management Association (ICMA-CM)
- *Certified Charrette Planner & Manager*, National Charrette Institute
- *Certified Public Manager (CPM)*
- *Certified Planner*, American Institute of Certified Planners (AICP)
- *American Planning Association Alaska Regional Vice President*, 2013 – 2015

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2022 – Present - *Director of Programs* • **Alaska Municipal League**
Provide assistance to member communities in grant applications and funding compliance Educate members regarding program opportunities and updates to federal program administration. Oversee program compliance with requirements, schedule, budget, reporting, and deliverables. Collaborate with other teams to develop program plans and assign program resources. Measure performance across initiatives and events.

2009 – 2018 - *Direct One, Assembly Member* • **City and Borough of Juneau**
Draft legislation and amendments, set policies and oversaw budgets. Work successfully with diverse group of coworkers to accomplish goals and address issues related to our comprehensive plan and vision. Observed confidentiality rules in

2021-2022 - *Grants Administrator* • **Department of Education and Early Development**
Developed and implemented strategies necessary for minimizing risk of non-compliance. Conducted reviews to foster ongoing compliance with federal and local regulations. Verified documented and disbursed payments. Monitored account balances and encumbered and de-encumbered funds according to regulation and grantee behavior.

2013-2021- *Grant Review II* • Department of Health and Social Services, State of Alasa
Trained employees on additional job positions to maintain coverage of roles. Led team meetings and one-on-one coaching sessions to continuously improve performance. Processed financial documents, contracts, expense reports and invoices. Reviewed budgets and quarterly reports, disbursed payments and amendments, and monitored account balances.

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University of Wisconsin-Madison, Madison, WI, USA	PHD	05/2013	Epidemiology / Environment & Resources
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2017 - present Associate Professor, University of Alaska-Anchorage, Anchorage, AK, USA
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Products

Products Most Closely Related to the Proposed Project

1. Ex. 6 Personal Privacy (PP) The Livelihood Vulnerability Index: A pragmatic approach to assessing risks from climate variability and change—A case study in Mozambique. Global environmental change : human and policy dimensions. 2009; 19:74-88.
2. Ex. 6 Personal Privacy (PP) Collaborative climate mitigation and adaptation planning with university, community, and municipal partners: A case study in Anchorage Alaska. Local Environment. 2020 August 29; 25(9):648-665. DOI: 10.1080/13549839.2020.1811655
3. Ex. 6 Personal Privacy (PP) Wildfire Smoke Is Associated With an Increased Risk of Cardiorespiratory Emergency Department Visits in Alaska. Geohealth.

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2021 May;5(5):e2020GH000349. PubMed Central PMCID: PMC8137270.

4. Ex. 6 Personal Privacy (PP) Compounding Effects of Social Vulnerability and Recurring Natural Disasters on Mental and Physical Health. Disaster Med Public Health Prep. 2022 Jun;16(3):1013-1021. PubMed PMID: 33757617.

Other Significant Products, Whether or Not Related to the Proposed Project

1. Ex. 6 Personal Privacy (PP) Meteorological conditions associated with increased incidence of West Nile virus disease in the United States, 2004-2012. Am J Trop Med Hyg. 2015 May;92(5):1013-22. PubMed Central PMCID: PMC4426558.
2. Ex. 6 Personal Privacy (PP) The role of landscape composition and configuration on Pteropus giganteus roosting ecology and Nipah virus spillover risk in Bangladesh. Am J Trop Med Hyg. 2014 Feb;90(2):247-55. PubMed Central PMCID: PMC3919225.
3. Ex. 6 Personal Privacy (PP) Establishing a baseline for tick surveillance in Alaska: Tick collection records from 1909-2019. Ticks Tick Borne Dis. 2020 Sep;11(5):101495. PubMed Central PMCID: PMC7447289.
4. Ex. 6 Personal Privacy (PP) Modeling future climate suitability for the western blacklegged tick, Ixodes pacificus, in California with an emphasis on land access and ownership. Ticks Tick Borne Dis. 2021 Sep;12(5):101789. PubMed Central PMCID: PMC9379859.

Synergistic Activities

1. Facilitate the Alaska Municipal Climate Network (2019-present). Coordinating a group of Alaska municipal climate leaders who are working collaboratively to scale and share their strategies for climate mitigation and adaptation work in communities across Alaska.
2. Chair, UAA Chancellor's Faculty Working Group on Climate Change (2019-present). Created and lead the first UAA faculty group working to integrate climate change into UAA teaching, research, service, and facilities.
3. Served on Anchorage Downtown Urban Farm Steering Committee (2018-2022). Worked with representatives from local government, UAA, tribal health, and mental health and food policy non-profits to turn a vacant downtown lot into a community orchard, urban farm, and jobs training facility.
4. PI, Development of Anchorage Climate Action Plan through a Campus-Community Partnership (2018-2019). Brought together over 80 working groups members from local government, academia, non-profits, and the business community and comments from over 1,000 Anchorage residents to collaboratively develop the city's first climate action plan.

Certification:

When the individual signs the certification on behalf of themselves, they are certifying that the information is current, accurate, and complete. This includes, but is not limited to, information related to domestic and foreign appointments and positions. Misrepresentations and/or omissions may be subject to prosecution and liability pursuant to, but not limited to, 18 U.S.C. §§ 287, 1001, 1031 and 31 U.S.C. §§ 3729-3733 and 3802.

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State of Alaska Epidemiology **Bulletin** Recommendations and Reports

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Volume 20 Number 1

Assessment of the Potential Health Impacts of Climate Change in Alaska

Contributed by Sarah Yoder, MS, Alaska Section of Epidemiology

January 8, 2018

Acknowledgments: We thank the following people for their contributions to this report: Dr. Sandrine Deglin and Madison Pachoe, Alaska Section of Epidemiology; Dr. Bob Gerlach, Alaska Department of Environmental Conservation; Dr. James Fall, Alaska Department of Fish and Game; Michael Brubaker, Alaska Native Tribal Health Consortium; Dr. Robin Bronen, Alaska Institute for Justice; Dr. Tom Hennessy, CDC Arctic Investigations Program; and Dr. Ali Hamade, Dr. Paul Anderson, and Dr. Yuri Springer, former Alaska Section of Epidemiology staff.

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EXECUTIVE SUMMARY

Background

Over the past century, the air and water temperatures in Alaska have warmed considerably faster than in the rest of the United States. Because Alaska is the only Arctic state in the Nation, Alaskans are likely to face some climate change challenges that will be different than those encountered in other states. For example, permafrost currently underlies 80% of Alaska and provides a stable foundation for the physical infrastructure of many Alaska communities. As has already been seen in numerous villages, the groundcover that overlies permafrost is vulnerable to sinking or caving if the permafrost thaws, resulting in costly damage to physical infrastructure. The reliance on subsistence resources is another contrast to many other states. Many Alaskans depend upon subsistence harvests of fish and wildlife resources for food and to support their way of life. Some Alaskans report that the changing environment has already impacted their traditional practices.

Many past efforts to characterize the potential impacts of climate change in Alaska have focused primarily on describing expected changes to the physical environment and the ecosystem, and less on describing how these changes, in addition to changes in animal and environmental health, could affect human health. Thus, a careful analysis of how climate change could affect the health of people living in Alaska is warranted. The Alaska Division of Public Health has conducted such an assessment using the Health Impact Assessment (HIA) framework; the assessment is based on the current National Climate Assessment (NCA) predictions for Alaska.

The document is intended to provide a broad overview of the potential adverse human health impacts of climate change in Alaska and to present examples of adaptation strategies for communities to consider when planning their own response efforts. This document does not present a new model for climate change in Alaska, and it does not offer a critique of the NCA predictions for Alaska.

Finally, while this assessment is focused on the potential adverse health impacts of climate change in Alaska, it is important to note that there will likely be some beneficial health impacts of climate change in Alaska as well. For example, warmer temperatures might be more conducive to a longer growing season and growing a wider range of agricultural crops, resulting in increased food security in some areas. Warmer winter temperatures might also lead to fewer injuries and fatalities related to cold temperatures.

Big Picture Overview

What is already known about this topic?

Alaska is experiencing changes in climate, and temperatures in the state have warmed faster than the rest of the United States. Climate change has already affected human health in Alaska and additional impacts are likely to occur.

What is added by this report?

The impacts of climate change in Alaska have been well documented in historical, environmental, and regional contexts, but little has been published on the range of human health impacts statewide. This report provides a broad assessment of the potential adverse human health impacts of climate change in Alaska.

This report is also intended to serve as a resource for communities to determine which adverse impacts of climate change are most likely to affect their residents and to help communities develop their own adaptation strategies for climate change.

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Climate Change Predictions for Alaska

This HIA is based on assumptions and projections provided in the third NCA report and supporting documents, including Volume I of the fourth NCA. The NCA frequently refers to Scenario A2, which assumes increasing concentrations of greenhouse gases in the Earth's atmosphere and has been considered as a plausible climate scenario in multiple climate assessments. This HIA presents a general picture of what climate conditions might look like in Alaska, based on Scenario A2, as well as additional simulations presented by other agencies. Highlights of these predictions are below.

Temperature: Compared to 1971–1999, Alaska's average annual temperature is expected to be 2°–4°F higher in 2050 and 8°–9°F higher in 2100. Moreover, projections indicate that as temperatures increase, near-surface permafrost will disappear from much of Alaska by 2100 and the permafrost boundary will move hundreds of miles northward by the end of the century.

Precipitation: The average annual precipitation is predicted to increase by 15%–30% by 2100, compared to the reference period of 1971–1999. Snowfall amounts are predicted to decrease, but more areas will likely become wetter due to increased duration and volume of rainfall. Much of the increased precipitation is likely to evaporate because of increased temperatures. Extreme storms and extreme precipitation events may also increase.

Sea Ice Extent: Summer sea ice is predicted to disappear in the Chukchi Sea by 2050, and winter sea ice could decrease by 50% in the Bering and Chukchi Seas by the end of the century.

Climate Change and Potential Health Impacts in Alaska

The Alaska Division of Public Health typically assesses health impacts using health effect categories (HECs), which have been developed to identify the full spectrum of possible health impacts related to a specific scenario. Examples are provided below of what has been observed in each of these categories and what may be expected for the next 20–50 years, given the climate change predictions for Alaska (note: a wide range of examples of potential adverse health impacts of climate change in Alaska that are not provided in this executive summary are presented in the full document). It is important to note that climate-associated health impacts on communities are magnified by additional social and economic stresses that are not reviewed in this HIA.

Mental Health and Wellbeing: Climate change can affect mental health by causing solastalgia, the distressing sense of loss that people experience as a result of unwanted environmental changes that occur close to one's home, and associated pathologies including anxiety, depression, and post-traumatic stress disorder that can result from acute events such as fires, floods, and storm surges, and more protracted changes such as thawing permafrost and coastal erosion. These effects tend to disproportionately impact those living in low-resource settings, including indigenous groups. Psychosocial distress and its associated comorbidities will likely continue to increase in Alaska as communities experience unwanted changes in their environment.

Accidents and Injuries: Accidents and injuries due to extreme weather events, such as droughts, floods, and storms, are predicted to increase with climate change, and some reports suggest that such increases are already occurring. Flooding is a particular concern of extreme precipitation events and coastal storms, as floods are the second only to heat as the deadliest of all weather hazards in the United States. Extreme precipitation events can also lead to fatal- and non-fatal injuries due to mudslides, debris flow, and avalanches. Moreover, motor vehicle accidents may increase as thawing permafrost and the freeze-thaw cycles in the active layer of soil can cause

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damage to the transportation infrastructure in Alaska, which includes highways, railroads, and airstrips.

Potential Exposure to Hazardous Materials: A warming climate is predicted to lead to more frequent and larger fires in the Arctic. Over 5 million acres burned in Alaska in 2015, making it one of the worst recorded fire seasons ever. Fairbanks has had multiple air quality advisories in recent years due to hazardous conditions from wildfire smoke. As large wildfires increase, more poor air quality events are likely to occur, potentially leading to exacerbations of pre-existing respiratory and cardiovascular illnesses.

Food, Nutrition, and Subsistence Activity: Diminished food quality and quantity as well as changing food distribution and subsistence patterns are predicted to continue to arise from climate change. In Alaska, for example, hunters report thinning sea and river ice, which makes harvesting wild foods more dangerous. Storing and harvesting wild foods may also become more difficult with increased temperature and precipitation.

Infectious Diseases and Toxins from Microorganisms: Increasing temperatures and changing weather patterns could have many implications for infectious diseases in Alaska, especially waterborne and vectorborne diseases. For example, increased water temperatures could lead to more outbreaks of *Vibrio parahaemolyticus* gastroenteritis. Additionally, increased air temperatures could facilitate the northern spread of insects that can transmit West Nile Virus and Lyme disease.

Non-communicable and Chronic Diseases: Climate change is predicted to affect allergies and respiratory health as higher temperatures and changes in precipitation influence the abundance, seasonality, and distribution of aeroallergens (e.g., plant pollen). As a result, rates of allergic rhinitis (hay fever) and asthma are predicted to increase due to changes in aeroallergen concentrations. Warmer average winter temperatures in Alaska might have already contributed to an increase in patients seeking health care due to reactions from insect (e.g., yellowjacket) stings.

Water and Sanitation: Climate change brings a new complication to the challenge of addressing Alaska's existing water and sanitation disparities. Water and sanitation infrastructure damage has already occurred in some communities due to coastal erosion, thawing permafrost, storm surges, and flooding. Further damage to drinking water, wastewater, or storm water systems could adversely impact human health by way of facilitating waterborne diseases and decreasing the availability and quality of drinking water.

Health Services Infrastructure and Capacity: Thawing permafrost, erosion, wildfires, and flood events could damage health care infrastructure and decrease access to care by making travel to clinics more challenging.

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Key Potential Adverse Health Impacts by Health Effect Category

One initial step that local communities can take to prepare for climate change is to identify and prioritize the potential health impacts that will be most relevant to their community and, for each identified impact, determine the expected timing and magnitude of the effect. Examples of criteria that could be used for this application include (a) potential time to impact, (b) geographic extent of the impact, (c) the number of people directly impacted, (d) the number of people impacted who might experience serious health problems, and (e) resources needed to adapt to the impact. These criteria can then be summarized and presented in a simplified visual format such as a tiered and color-coded table. Next, communities can create a table that displays what the potential adverse health impacts of climate change might look like in their community for each health effect category to help prioritize adaptation strategies and resource needs (an example of what such a table might look like on a statewide basis is presented in the full document).

Summary of Monitoring and Adaptation Recommendations

The monitoring recommendations provided in this HIA are intended to help characterize the adverse health impacts of climate change over time. Monitoring indicators and resources are listed to help decision-makers and other stakeholders develop surveillance strategies and identify agencies currently collecting the relevant health and environmental data. Examples of proposed monitoring indicators include cases of selected infectious diseases, hospitalizations and deaths due to climate-related events (e.g., flooding, storm surges, wildfires), and changes in subsistence food consumption and food security. Examples of monitoring resources provided include the Scenarios Network for Alaska + Arctic Planning (SNAP) for community profiles on observed and projected temperatures; the Local Environmental Observer (LEO) Network for postings by local observers and topical experts about unusual animal, environment, and weather events; and the Alaska Trauma Registry (ATR) for injury trends. Where possible, this HIA identifies monitoring strategies that have been developed and tested by other state, federal, and international entities.

The adaptation recommendations provided in this HIA are intended to reduce morbidity and mortality from climate-related causes. Adaptation as it relates to climate change is defined by the Intergovernmental Panel on Climate Change as the "adjustment in natural or human systems in response to actual or expected climatic stimuli or their effects, which moderates harm or exploits beneficial opportunities." Examples of proposed overarching adaptation strategies include developing local and statewide climate change advisory groups, assessments, and adaptation plans; offering community members opportunities to relay their concerns about climate change and propose solutions; including human health in community vulnerability assessments for climate change; and assuring an adequate workforce capable of performing climate change research, surveillance, and adaptation. More specific adaptation strategies are also provided, such as reviewing architecture and engineering designs to ensure that plumbing infrastructure can withstand changes to the underlying permafrost, and if not, consider ways to address the problem; supporting successful community-based mental health wellness programs; and developing community response plans for wildfires.

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1.0 INTRODUCTION AND OVERVIEW

1.1 Climate Change Overview and Description

Climate change refers to both local and global alterations in climate, as well as the secondary effects of new climate conditions (such as decreasing sea ice). Rising temperatures, changes to precipitation, and increased frequency of extreme weather events are only a few of the commonly discussed features of climate change (IPCC, 2012). Each of these features has implications for ecosystems and human health (Luber et al., 2014; NCA, 2014).

1.2 HIA Overview

This Health Impact Assessment (HIA) provides a review of potential adverse human health impacts related to climate change in Alaska. It will (1) provide a broad overview of the wide range of potential adverse climate change impacts on human health in Alaska, (2) present the most current climate change information, to the extent possible, and (3) present examples of strategies for communities and decision-makers to consider when planning their own actions in response to climate change.

1.3 Legal Requirements for Health Impact Assessment (HIA)

The State of Alaska developed an HIA Toolkit to guide HIA practitioners in the state (referred to as Alaska HIA Toolkit; ADHSS, 2015). This Climate Change HIA represents a non-traditional HIA for Alaska (in that it does not focus on a proposed resource development project), though it still uses the HIA Toolkit as a guiding framework. As with traditional Alaska HIAs, this document and its related recommendations are not legally binding for any agency.

1.4 Purpose of Document

This report is intended to identify available information and enhance knowledge on climate change and how it might negatively impact human health in Alaska. It uses the structure of HIA to characterize and forecast the potential adverse health impacts of climate change in the state. A review of this type is especially important because there has not been a statewide comprehensive review or extensive discussion of potential human health impacts of climate change in Alaska. This report will be useful for communities and decision-makers in determining how to prioritize monitoring and adaptation strategies related to climate change.

1.5 HIA Framework and Methodology

1.5.1 HIA Definition

Health Impact Assessment is a combination of procedures, methods, and tools by which a policy, program, or project may be judged as to its potential effects on the health of a population, and the distribution of those effects within the population.

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1.5.2 HIA Methods

Using methodology presented in the Alaska HIA Toolkit (ADHSS, 2015), this HIA

- Reviews components of climate change based on climate change predictions for Alaska,
- Reviews the physical and general environmental setting of predicted changes,
- Identifies potential adverse health impacts using a set of defined health effect categories (HECs),
- Provides a perspective of the wide range of potential climate change impacts on human health in the state, and
- Provides examples of monitoring recommendations and adaptation strategies tied to potential health impacts.

1.5.3 HIA Scope

This HIA reviews the potential health impacts of climate change in Alaska primarily based on the following information:

- State of Alaska (SOA) databases and reports
- The National Climate Assessment (NCA) and associated documents
- The United States Global Change Research Program's (USGCRP) Climate and Health Assessment, 2016
- General methodologic parameters developed by the Alaska HIA Toolkit

1.5.3.1 Areas Outside the Scope of the HIA

While this HIA is focused on the potential adverse health impacts of climate change in Alaska, it is important to note that there will likely be beneficial health impacts of climate change in Alaska as well. For example, warmer temperatures could be more conducive to a longer growing season and growing a wider range of agricultural crops, which would increase food security in some areas. Warmer winter temperatures might also lead to fewer injuries and fatalities related to cold temperatures. That said, the instances of potential benefits of climate change are likely to be limited in number and smaller in magnitude than the adverse consequences (e.g., the increase in food security from the ability to grow new crops is likely to be smaller than the decrease in food security resulting from the decreased availability of some subsistence resources; USGCRP, 2016). Local communities can maximize potential positive health impacts of climate change by prioritizing their adaptation strategies and taking timely action steps.

1.5.3.2 Health Effect Categories (HECs)

The Alaska-specific HECs are a standard set of health effect categories that have been developed and discussed in the Alaska HIA Toolkit (Table 1). HECs have been developed to identify the full spectrum of possible health impacts related to a specific project or, in the case of this HIA, a set of climate change predictions. This climate change HIA adapted the Alaska HECs to better suit a discussion of climate change. As such, the Social Determinants of Health—the conditions in which people are born, grow up, live, work, and age (USDHHS, 2017)—are discussed as a constellation of factors that have implications within each HEC, rather than as a separate HEC, and Mental Health and Wellbeing was added as a new HEC. Finally, the advantage of the HEC structure is completeness, the disadvantage is occasional redundancy as some of the HECs overlap (e.g., mental health and wellbeing can be related to food, nutrition, and subsistence activities).

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Table 1. Health Effect Categories

Health Effect Category	Pathway Description
Mental Health and Wellbeing	This category pertains to outcomes and determinants related to mental health, substance use, social exclusion, psychosocial distress, historical trauma, family dynamics, economic stressors, and social support systems. The key outcomes considered are increases and decreases in psychosocial distress and its associated comorbidities, adverse health behaviors (such as substance abuse), anxiety, depression, and suicide.
Accidents and Injuries	This category pertains to health outcomes and determinants related to accidents and injuries. The key outcomes considered are increases and decreases in intentional and unintentional injuries with fatal and nonfatal results. The key determinants in this category include items such as the presence of law enforcement, traffic patterns, alcohol involvement, distance to emergency services, and the presence of prevention programs.
Exposure to Potentially Hazardous Materials	This category pertains to health outcomes and determinants that may arise from exposure to hazardous materials. The key health outcomes considered are increases and decreases in documented illnesses or exacerbation of illnesses commonly associated with pollutants of potential concern. These may be mediated through inhalation, ingestion, or physical contact.
Food, Nutrition, and Subsistence Activity	This category pertains to health outcomes and determinants related to food security, dietary choices, and the consumption of subsistence foods. The key health outcomes considered are nutrient levels, malnutrition or improvements in nutrient intake, and the subsequent increases or decreases in related diseases. The key determinants include diet composition, food security, and the consumption of subsistence foods.
Infectious Diseases and Toxins from Microorganisms	This category pertains to health outcomes and determinants that result from infectious diseases. The key health outcomes include rates of increase or decrease for a range of infectious diseases, such as sexually transmitted infections (STI), respiratory illnesses, or skin infections. Important health determinants may include immunization rates and the presence of infectious disease prevention efforts.
Water and Sanitation	This category pertains to changes to access, quantity, and quality of water supplies.

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Table 1. Health Effect Categories

Health Effect Category	Pathway Description
	Key determinants reviewed may include distance to clean water, water fluoridation, indoor plumbing, water treatment facilities, adequate volume of water resources, and the existence of community facilities, such as a washeteria and/or community.
Non-communicable and Chronic Diseases	This category pertains to health outcomes and determinants related to chronic disease. Important outcomes include increases or decreases in mortality and morbidity rates of cancer, cardiovascular and cerebrovascular diseases, diabetes, respiratory diseases, and mental health disorders. Key determinants for chronic diseases may include smoking rates, rates of alcohol and drug abuse, physical activity levels, presence of recreation centers, as well as cancer screening rates.
Health Services Infrastructure and Capacity	This category pertains to health outcomes and determinants related to health care access and health care infrastructure. Important outcomes include the increase or decrease in the number of medical evacuations (medevac), clinics or hospital visit trends, health expenditures, and medication usage. Health determinants may include distance to health facilities, medevac facilities/aircraft, the presence of community health aides, and the frequency of visits to the area by health care providers.

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2.0 OBSERVED AND PREDICTED CLIMATE CHANGE

2.1 Climate Change Defined

What is climate?

Climate is the long-term average variation in weather measured over an extended period (i.e., several decades; NWS, 2009).

What is weather?

Weather is the state of the atmosphere in terms of wind, temperature, cloudiness, humidity, etc. at a given time. Climate refers to the average weather conditions over a longer period of time (NWS, 2009).

What is climate change?

According to the U.S. Environmental Protection Agency (EPA), "climate change refers to any substantial change in measures of climate (such as temperature or precipitation) lasting for an extended period (decades or longer)" (EPA Climate Change Indicators, 2016). It is important to note that climate change is *not* synonymous with global warming. Global warming refers to the average increase in temperature of the atmosphere, which is just one potential indicator of climate change.

General Theory of Climate Change

Climate change is influenced by human activities and natural processes (IPCC, 2014; USGCRP, 2017). Normally, when solar radiation reaches the Earth, some is reflected by the atmosphere, but most is absorbed and warms the Earth's surface. Some of the absorbed solar radiation is re-emitted as infrared radiation and absorbed by greenhouse gas molecules in the atmosphere (e.g., water vapor, CO_2, methane, nitrous oxide, and chlorofluorocarbons [NASA, 2017]), which re-emits the radiation back towards the Earth, warming the Earth's surface. As the Earth's atmosphere changes and greenhouse gas emissions increase, less solar radiation can escape, which leads to further warming. This extra heat then impacts various components of climate (e.g., air and ocean temperatures, weather patterns; NCA, 2014).

2.2 Climate Change Indicators

This HIA defines seven key indicators most relevant to climate change in Alaska. These indicators are tied to the potential effects of climate change and facilitate tracking these effects to obtain a better picture of the various components of climate change in Alaska. This climate change HIA is focused on the following indicators:

- Temperature
- Precipitation
- Weather patterns
- Sea ice
- Glaciers
- Permafrost
- Sea levels

A detailed discussion of these indicators and how they are measured can be found in Appendix 1.

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2.3 Evidence of Climate Change in Alaska

Globally, temperature trends show evidence of a warming planet. The annual average global surface temperature has risen at an average rate of 0.15°F per decade since 1901 (EPA Climate Change Indicators, 2016). Ocean temperatures, precipitation, and sea levels have also increased globally. A more detailed discussion of the changes among the indicators on a global and national scale can be found in Appendix 2.

Trends in the Arctic related to climate change are typically more pronounced than in other parts of the world. Arctic regions are predicted to see rapid and substantial climate changes (ACIA, 2005). Over the past several decades in Alaska, the only Arctic region in the United States, temperatures have risen, precipitation has increased, sea ice has declined, and permafrost has thawed at an increasing rate (EPA Climate Impacts, 2016; Stewart et al., 2013; Richter-Menge et al., 2017).

2.3.1 Temperature

Alaska warmed twice as fast as the rest of the United States from 1949–2011 (EPA Climate Impacts, 2016; Chapin et al., 2014). While there is substantial variation in year-to-year temperatures, clear trends exist (Stewart et al., 2013). Overall, Alaska now experiences more extremely hot days (warmest 1% of daily high temperatures since 1950) and fewer extremely cold days (coldest 1% of daily low temperatures since 1950; NCA, 2014; Stewart et al., 2013; Blunden & Arndt, 2017). Statewide, the average annual air temperature has increased by 3°F and the average winter temperature has increased by 6°F since the 1950s (Chapin et al., 2014). Much of the warming has occurred in the winter and spring (Stewart et al., 2013). Alaska had record-setting warmth during the cold season of 2015–2016 (from October through April). Average temperatures during the 2015–2016 cold season exceeded the period-of-record (1925–2016) mean by more than 8.4°F; the Interior region experienced the greatest increase in temperatures (Stewart et al., 2013; Walsh et al., 2017).

2.3.2 Precipitation

Long-term trends show average precipitation from 1945–1965, followed by approximately 15 years of below average precipitation totals. Subsequently, the average annual precipitation has increased statewide by approximately 10% in recent decades (Stewart et al., 2013).

Extreme precipitation events, defined as the heaviest 1% of 3-day precipitation totals for each calendar year, have increased in the spring in the southeast and west-central portions of the state. The northern region has experienced a decrease in extreme precipitation events in all seasons except fall. All regions in Alaska, except the Arctic, have seen an increase in extreme precipitation events during the summer months (Stewart et al., 2013).

2.3.3 Weather Patterns

An analysis of Alaska storm information from the National Centers for Environmental Predictions storm track database during 1953–2010 showed no significant change in the overall frequency of strong storm events. Along the northern and northwestern coasts, however, strong storm events have increased in the summer and fall months when there is no protective sea ice cover (Stewart et al., 2013).

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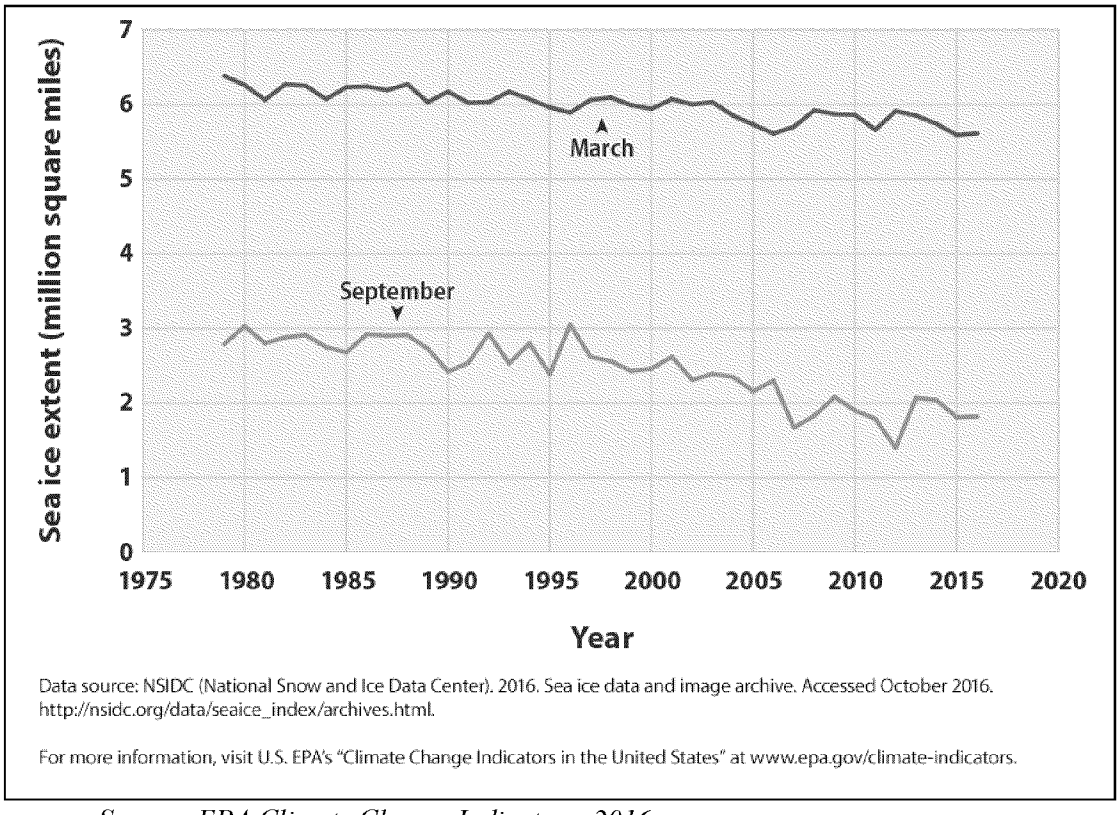
2.3.4 Sea Ice

Sea ice extent has declined substantially in the Arctic and some of the fastest loss has been along the Alaskan coast (USGCRP, 2017). Based on satellite-based sea ice records, which began in 1979, end of summer sea ice from 2007–2012 was lower than any prior time (Stewart et al., 2013). The average annual Arctic sea ice extent has decreased 3.5–4.1% per decade since 1979 (USGCRP, 2017). In 2012, the September sea ice coverage was roughly 50% less than in the 1980s (Figure 1. ; EPA Climate Change Indicators, 2016). The March 2017 sea ice extent was approximately 8% less than the 1981–2010 average for that month (Richter-Menge et al., 2017). The September 2017 sea ice extent was approximately 25% less than the 1981–2010 average for that month. The sea ice is also younger and thinner (factors that make sea ice more vulnerable to summer melt) than any time on record (Chapin et al., 2014; Stewart et al., 2013). The greatest reduction in sea ice has been in the Pacific side of the Arctic. Researchers believe that increased heat inflow through the Bering Strait from the North Pacific is a key contributing factor to the retreat of sea ice since the 1980s (Stewart et al., 2013).

Figure 1. March and September Monthly Average Sea Ice Extent, 1979-2016



Source: EPA Climate Change Indicators, 2016

2.3.5 Glaciers

Alaska is experiencing the fastest loss of glacier ice on Earth (NCA, 2014). According to the National Climate Assessment, "from 2005 to 2010, Alaskan glacier losses made up one-third of the world's ice sheet losses, even though Alaska has 20 times fewer ice-covered areas than Greenland" (NCA, 2014). Additionally, Alaska's glaciers lose approximately 75 gigatons of water each year, which contributes 0.008 inches to the global annual sea level rise as well as a relative sea level fall in some parts of Alaska, such as in the southeast, as the land in these glacial regions rebounds (Meier et al., 2007; Vaughan et al., 2013).

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2.3.6 Permafrost

Permafrost is ground that remains frozen for a period of at least 2 consecutive years. It has an active layer, which thaws downward from the surface during warm seasons, and refreezes during the fall. Underneath the active layer is a stable layer that remains frozen; the depth of this layer depends on average annual temperatures, snow depth, soil properties, and ground slope (Stewart et al., 2013). Additionally, large quantities of organic carbon are stored in permafrost. As permafrost thaws, it can release greenhouse gases such as carbon dioxide (CO_2) and methane (Schuur et al., 2015).

Permafrost is critical for the basic existence of many communities and ecosystems in Alaska. Eighty percent of Alaska is underlain by permafrost, and seventy percent of this land is vulnerable to subsidence (caving in or sinking) if the permafrost becomes unstable (Chapin et al., 2014; Jafarov et al., 2012). As temperatures have increased, permafrost has begun to thaw. Since the 1970s, permafrost near the Arctic coast has warmed 4–5°F at the 65-foot depth (Chapin et al., 2014). In 2016, record high temperatures were observed at the 20 meter depth at all permafrost observatories on Alaska's North Slope, with the exception of Deadhorse (Blunden & Arndt, 2017; Ritcher-Menge et al., 2017).

2.3.7 Sea Levels

While sea levels have risen in much of the world, levels in parts of Alaska have fallen. Scientists believe the decrease in sea level is due to changing vertical tectonic motion. Large earthquakes in Alaska's recent history have also impacted sea level calculations (separate sea level trends are calculated using data from before and after the earthquakes in 1957, 1964 and 1988). There is considerable regional variability in current sea level trends in Alaska. For example, Yakutat, Skagway, and Juneau have recorded the largest decreases in sea level (-15 to -18 millimeters/year from 1975–2014). Sand Point, Prudhoe Bay, and Prince Rupert have experienced small increases in sea level (+0 to 3 millimeters/year from 1975–2014; NOAA Tides and Currents). There are limited tidal gages in Alaska (e.g., there are no tidal gages from Bristol Bay to Norton Sound) and thus there is considerable uncertainty in determining the relative changes in sea level statewide (USGCRP, 2017).

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2.4 Climate Change Predictions for Alaska

This HIA is based on assumptions and projections provided in the third National Climate Assessment (NCA, 2014) and supporting documents including Volume I of the fourth NCA (Volume II was not yet available at the time of publication of this HIA; USGCRP, 2017). The NCA frequently refers to Scenario A2, which was released by the Intergovernmental Panel on Climate Change (IPCC, 2000); this scenario assumes increasing concentrations of greenhouse gases (e.g., water vapor, CO_2, methane, nitrous oxide, and chlorofluorocarbons [NASA, 2017]) in the Earth's atmosphere and has been considered as a plausible climate scenario in multiple climate assessments. This HIA presents a general picture of what climate conditions might look like in Alaska, based on Scenario A2, as well as additional simulations presented by other agencies. It is important to underscore the inherent difficulty in making climate change predictions due to a wide range of variables, including changes in emissions, population, economics, technology, etc. However, the use of such a scenario, where the potential changes of various indicators are predicted from the same set of climate model simulations, provides a consistent climate picture to forecast potential health impacts to a population (Stewart et al, 2013). A summary of the projections for Alaska, focusing on seven measurable climate indicators, is provided below (Table 2; refer to Section 2.6 for additional region-specific information). This document does not present a new model for climate change or contain any new data or analyses; rather, it is a review of existing literature.

Table 2. Summary of Climate Change Predictions for Alaska

Climate Change Indicator	Region*			
	Alaska (Statewide)±	Coastal#	Interior†	Northern‡
Temperature	• Increase of 2–4°F by 2050[2] • Increase of 8.6°F by 2085[1]	• Increase of 6–8°F by the end of the century[2] (least amount of warming in southeast AK)	• Increase of 8–10°F by the end of the century[2]	• Increase of approximately 10–12°F by the end of the century[2]
Precipitation	• Increase of 0–15% by 2035[1] • Increase of 10–35% by 2085[1] • Increased heavy precipitation events, amount indeterminate • Wetter winters and drier summers[4]	• Increase of 5–15% by 2035[1] • Increase of 15–35% by 2085[1] • Largest increases in northwestern coastal region, smallest increases in southeast AK[1,2]	• Increase of 0–5% by 2035[1] • Increase of 20–30% by 2085[1]	• Increase of 0–15% by 2035[1] • Increase of 25–35% by 2085[1]
Weather	• Increased storm intensity, amount indeterminate[3] • Change to winter storms is uncertain[2] • Increased length of summer[1] • Decreased length	• Increased storm intensity, amount indeterminate[3] • Change to winter storms is uncertain[2] • Fall freeze-up delayed by 40–60 days[1]	• Increased storm intensity, amount indeterminate[3] • Change to winter storms is uncertain[2] • Spring thaw date advanced by 2–3 weeks[1]	• Increased storm intensity, amount indeterminate[3] • Change to winter storms is uncertain[2] • Fall freeze-up delayed by one month[1]

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Climate Change Indicator	Region*			
	Alaska (Statewide)±	Coastal#	Interior†	Northern‡
	of winter[1]		• Fall freeze-up delayed by 2 weeks[1]	
Sea Ice	• Virtually ice-free northern waters in late summer by 2040s[2, 5]	• Decrease of winter sea ice in the Bering Sea of more than 50% by the end of the century[1]	• N/A	• No summer ice in the Chukchi Sea by 2030–2050[1] • Decrease of winter sea ice in the Chukchi Sea of more than 50% by the end of the century[1]
Glaciers	• Continued glacier retreat, amount indeterminate[2]	• Continued glacier retreat, amount indeterminate[2]	• Continued glacier retreat, amount indeterminate[2]	• Continued glacier retreat, amount indeterminate[2]
Permafrost	• Near-surface permafrost will be lost entirely from large parts of the state by the end of the century[2] • Permafrost boundary will shift hundreds of miles northward by the end of the century[4]	• Permafrost-free by the end of the century[2]	• Significant permafrost degradation[1,2]	• Degradation of permafrost by the end of the century, but the smallest decreases in the state[2]
Sea Levels	• Increasing sea levels, amount indeterminate[3]	• Increasing sea levels, amount indeterminate[3]	• N/A	• Increasing sea levels, amount indeterminate[3]

[1]Stewart et al., 2013; [2]NCA, 2014; [3]UAF Sea Grant, 2014; [4]EPA Climate Impacts, 2016; [5]USGCRP, 2017

[*]The regions presented here were selected to remain consistent with the National Climate Assessment Reports and other supporting documents (e.g., Stewart et al., 2013). Change in indicator represents a change from baseline levels. Baseline data are presented in subsequent sections.

[±]Predictions for Alaska overall; data presented often represent average predicted change for Alaska.

[#]The coastal region represents communities south of the Brooks Range and in proximity to the coast. In this document, the coastal region includes southeast (e.g., Juneau, Ketchikan, Sitka), south coast (e.g., Anchorage, Kodiak, Cordova), southwest (e.g., Bethel, Dillingham), and west-central (e.g., Nome, Kivalina, Kotzebue) portions of the state.

[†]The interior region is bounded by the Brooks Range and the Alaska Range; communities in this region include (among others) Fairbanks, Tanana, and Galena.

[‡]The northern region is bounded by the Brooks Range and the Arctic Ocean. Communities in this region include (among others) Utqiaġvik (formerly known as Barrow), Prudhoe Bay, and Anaktuvuk Pass.

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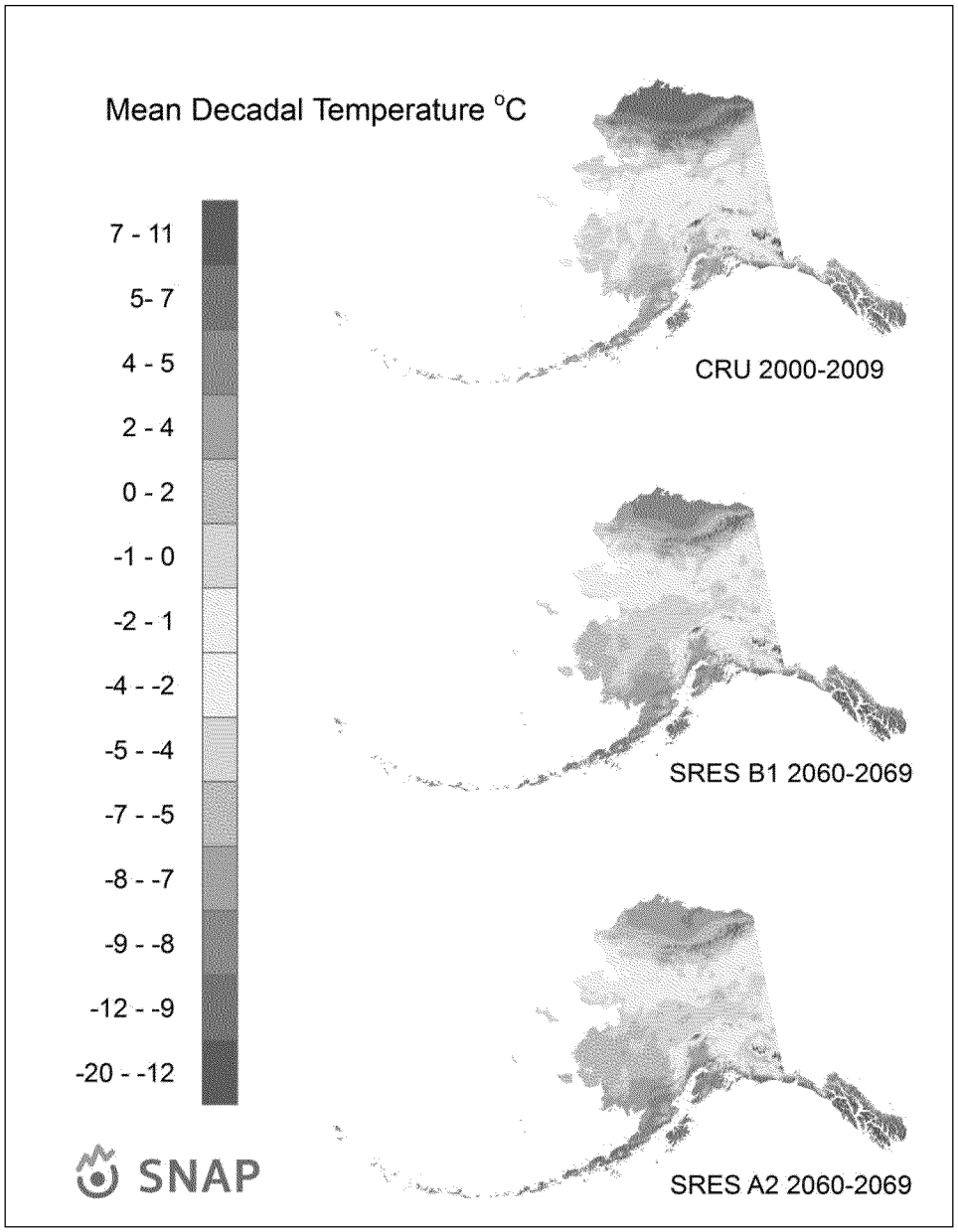
2.4.1 Temperature

Recent models predict that compared to 1971–1999, Alaska's average annual temperatures will be 2°–4°F higher in 2050 and 8°–9°F higher in 2100 (Stewart et al., 2013). Compared to 2000–2009, from 2060–2069, northern and interior Alaska are expected to experience greater increases in mean decadal temperature than other regions in the state (Figure 2). These regions are predicted to increase by approximately 10°F. Statewide, mean winter temperatures are predicted to increase by approximately 4°F by 2035, 8°F by 2050, and more than 12°F by 2085 (Stewart et al., 2013; Walsh et al., 2017).

Figure 2. Mean Decadal Annual Temperature for Alaska, by Region



CRU: past data collected by the Climatic Research Unit; SRES B1: lower emissions scenario; SRES A2: higher emissions scenario. Source: NCA, 2014; Stewart et al., 2013

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2.4.2 Precipitation

Annual precipitation is predicted to continue to increase in Alaska, particularly in northwestern Alaska. Models also predict that, compared to 1971–1999, precipitation statewide will increase 0%–15% by 2035 and 10%–35% by 2085 (Stewart et al., 2013). Precipitation in northwestern Alaska is predicted to increase 15%–30% by 2100, based on the A2 scenario (Stewart et al., 2013). While precipitation is expected to increase, fresh water availability is expected to decrease in Alaska due to increased water evaporation from higher temperatures and longer growing seasons (Chapin et al., 2014). For example, annual available water declined 55% over the past 50 years on the western Kenai Peninsula (USFWS, 2017).

While models do not predict a decrease in winter precipitation, there is considerable uncertainty regarding seasonal variability in precipitation predictions. Some studies predict changes to snowfall patterns, including later dates of first snows, earlier snowmelt, and a decline in high snowfall days. Models show that extreme precipitation events may also increase, particularly in the coastal regions (Walsh et al., 2014a).

2.4.3 Weather Patterns

Models show that extreme storm events may increase. Storm surges of 10 feet or more are predicted for many coastal communities in western Alaska during the next 50 years; some locations may see storm surges as high as 13 feet (UAF Sea Grant, 2014).

2.4.4 Sea Ice

The decline of sea ice is predicted to continue with increasing air and ocean temperatures, in addition to changes in atmospheric and ocean circulation (Stewart et al., 2013). If current trends continue, climate models predict significant declines in the extent of sea ice in Alaska. Models show that summer sea ice could disappear in the Chukchi Sea at some point during 2030–2050, and winter sea ice could decrease by 50% in the Bering and Chukchi Seas by the end of the century. Virtually ice-free northern waters in late summer are predicted by the 2040s (USGCRP, 2017; Chapin et al., 2014; Stewart et al., 2013). The predicted loss of sea ice and increased extreme storm events will likely increase coastal erosion, as sea ice typically protects the shoreline (EPA Climate Impacts, 2016).

2.4.5 Glaciers

Scientists expect continued glacial retreat in Alaska, though the scale of retreat is uncertain. Even if air temperatures stopped increasing in Alaska, glaciers could continue to respond to past warming trends for decades (NCA, 2014).

2.4.6 Permafrost

Projections show that permafrost will continue to thaw due to increased soil temperatures and that near-surface permafrost will disappear from much of Alaska by 2100 (Chapin et al., 2014; Jafarov et al., 2012; Stewart et al., 2013). As a result, the permafrost boundary is likely to move hundreds of miles northward by the end of the century (EPA Climate Impacts, 2016; Stewart et al., 2013). A loss of permafrost could also lead to the loss of surface water, which can lower the water table and decrease the depth of ponds and lakes (EPA Climate Impacts, 2016). Data also indicate that thawing permafrost releases carbon dioxide and methane and contributes to an increase in greenhouse gas emissions in Alaska (Commane et al., 2017). Scientists estimate that thawing permafrost worldwide could contribute to an increase of 0.13–1.69°F in global temperatures by 2300 (MacDougall et al., 2012).

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2.4.7 Sea Levels

Currently, the land surface in southern Alaska is rising faster than the global rise in sea level, leading to a continued decrease in sea level (O'Harra, 2010). Scientists anticipate that global sea rise will eventually exceed the rate of rising land surface in Alaska and that the State's entire coastline will eventually be affected by sea level rise, though the sea level rise is projected to be less than the global average (O'Harra, 2010; UAF Sea Grant, 2014; USGCRP, 2017). Much of Alaska's coastal land surface is predicted to rise 0.1–1.0 meter by 2100, whereas the projected global mean sea level (GMSL) rise is 0.3–2.5 meters (Sweet et al., 2017).

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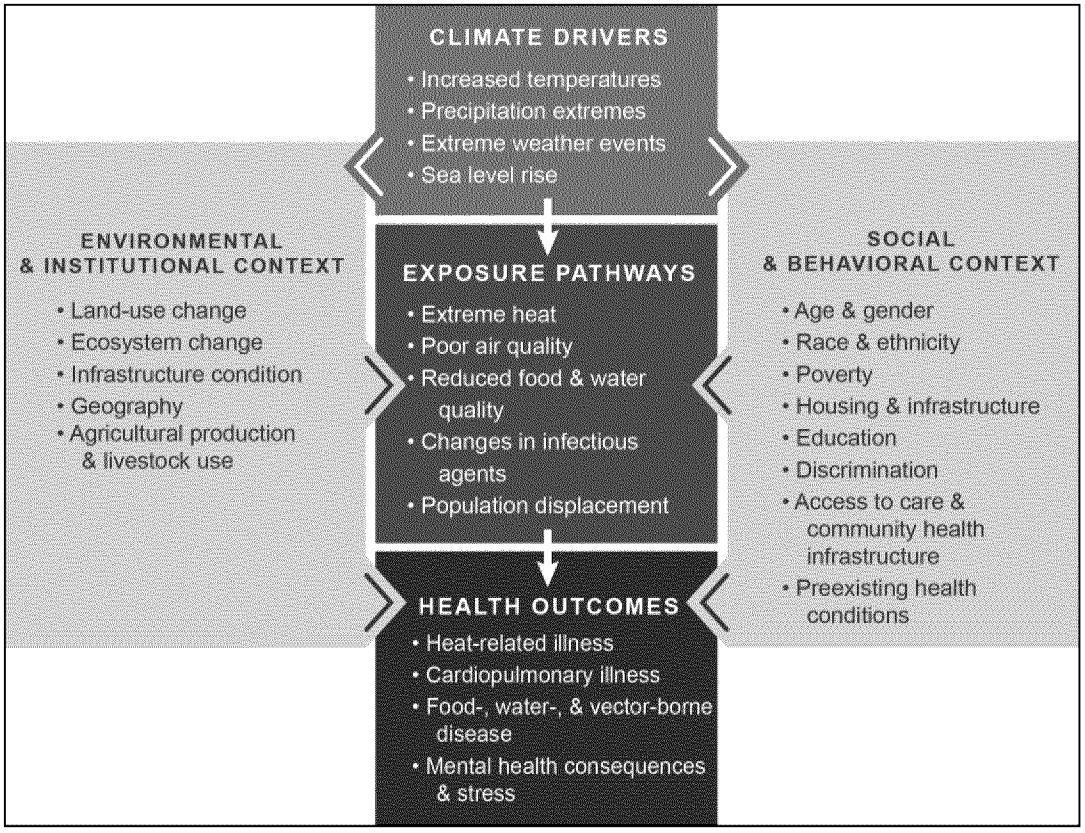
2.5 Climate Change and Health

Climate change can affect human health (Patz et al., 2014; USGCRP, 2016). Many international agencies (e.g., WHO, World Bank) and national groups (e.g., CDC, NOAA, and NASA) have discussed the current implications of climate change on human health and the potential for future health impacts. Although there are exceptions, climate change generally appears to exacerbate existing health challenges at both the community and individual levels (Smith et al., 2014). There are several different pathways by which climate change can affect health, including direct impacts such as injuries caused by fires or storm surges, and indirect impacts such as changes in quantity and quality of subsistence foods (Figure 3). Moreover, it is important to note that climate-associated health impacts on communities are magnified by additional social and economic stresses.

Figure 3. Climate Change and Human Health



Source: USGCRP, 2016; modified from U.S. Environmental Protection Agency

The potential human health impacts related to the climate change predictions for Alaska are discussed in this section. A health impact is a positive or negative change in a specific health outcome or health determinant that is characterized by *specific* health outcomes or determinants (not general statements about health status) and quantifiable data, whenever possible.

Each HEC contains health impacts that fit the criteria above. The following sections describe the interaction between the potential factors of climate change and human health. It is important to note that health outcomes and indicators in Alaska will change over time, regardless of climate change; this HIA focuses only on the potential health impacts from climate change. Future health impacts could be more or less substantial than what is discussed in this HIA, depending on changes in Alaska not directly tied to climate (e.g., economic changes).

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2.6 Potentially Affected Communities

The Alaska HIA Toolkit defines a potentially affected community (PAC) as an area, community, or village where health impacts may occur. This HIA commonly refers to four regions of PACs where impacts due to climate change are predicted.

Climate change regions

Alaska: General predictions are available for Alaska (statewide) for most of the climate change indicators. Not all data are available at the regional level. This is noted where applicable.

Coastal: This region consists of communities where maritime strongly influences climate. In this HIA, the coastal region includes the Southeast (e.g., Juneau, Ketchikan, Sitka), South coast (e.g., Anchorage, Kodiak, Cordova), Southwest (e.g., Bethel, Dillingham, communities in the Aleutian Islands), and west-central (e.g., Nome, Kivalina, Kotzebue) portions of the state.

Interior: Interior Alaska is bounded by the Brooks and Alaska mountain ranges. This region experiences a continental climate with large temperature variability, low humidity, and relatively light precipitation (Stewart et al., 2013). Communities in this region include (among others) Fairbanks, Tanana, and Galena.

Northern: This region is north of the Brooks Range and is bordered on the north by the Arctic Ocean. This region is considered Alaska's Arctic and has the lowest average annual temperatures in the state. Communities in this region include (among others) Utqiaġvik (formerly Barrow), Prudhoe Bay, and Anaktuvuk Pass.

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3.0 PRIORITIZING HEALTH IMPACTS

The following sub-sections describe the interaction between the potential factors of climate change (based on the climate change predictions from Section 2.4) and provide examples of potential adverse health outcomes. Appendix 3 presents a comprehensive summary table of the potential interactions between climate change and health in Alaska.

The potential impacts identified in this section are reviewed according to climate change-specific health impact dimension criteria and are presented in a color-coded table in Section 3.2. Communities can identify and evaluate potential health impacts from climate change using a similar framework.

Populations of Concern

Climate change has impacts across various population groups in the United States and some populations may be particularly vulnerable to specific impacts. According to the World Health Organization, "vulnerability is the degree to which a population, individual or organization is unable to anticipate, cope with, resist and recover from the impacts of disasters" (Wisner and Adams, 2002). In terms of climate change, "vulnerability is the tendency or predisposition to be adversely affected by climate-related health effects, and encompasses three elements: exposure, sensitivity or susceptibility, and the capacity to adapt to or to cope with change" (USCGRP, 2016). Population groups that are particularly vulnerable to the impacts of climate change include people with low incomes, those with less literacy proficiency, indigenous groups, immigrant groups, children and pregnant women, the elderly, and persons with pre-existing or chronic medical conditions (Patz et al., 2014; USGCRP, 2016).

Rural Alaska has some of the highest rates of poverty in the United States as well as some of the highest costs for food and fuel. In 2014, the percent of residents living below the federal poverty level in the state was 10.2%, while the percent of people living below the federal poverty level in rural Alaska was over 60% (ACS Study, 2015). People who live in poverty may be particularly vulnerable to climate change because they have fewer resources to cope with adversity, relocate, evacuate, or respond in other ways (e.g., to increases in the cost of food and other resources; EPA Climate Impacts, 2016; NCA, 2014).

Alaska Native people living in rural areas may also be at increased risk for adverse health impacts from climate change, in part due to their close cultural ties to the land and subsistence food resources, such as salmon, caribou and whale (EPA Climate Impacts, 2016). Stresses to traditional practices, which encompass a way of life, as well as cultural, spiritual, and personal identity, could have significant social impacts in Alaska (ADEC, 2010); some villages report such changes have already begun (Bell et al., 2010; Cochran et al., 2013).

Children and the elderly are also important populations vulnerable to the impacts of climate change (Smith et al., 2014; USGCRP, 2016). Older adults may have added difficulty coping with climate change, due in part to mobility issues in a time of emergency, such as an extreme weather event. Children are also vulnerable due to mobility issues (they are reliant on others to care for them in disaster situations).

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3.1 Potential Impacts by Health Effect Category

3.1.1 Mental Health and Wellbeing

Mental health and stress-related disorders are important health outcomes that are influenced by climate change (Luber et al., 2014; USGCRP, 2016). For example, climate change can affect mental health by causing solastalgia, the distressing sense of loss that people experience as a result of unwanted environmental changes that occur close to one's home (Albrecht et al., 2007), and associated pathologies such as anxiety, depression, and post-traumatic stress disorder that can result from acute events such as fires, floods, and storm surges, as well as more protracted changes such as thawing permafrost and coastal erosion (Patz et al., 2014; Watts et al. 2015; USGCRP, 2016). These effects disproportionately impact those living in low-resource settings, including indigenous groups (Berry et al., 2010). Climate change can also influence interpersonal violence, community conflict, and can impact mental health and wellbeing through changes in factors such as family structure, economic status, and cultural continuity (Cochran et al., 2013; USGCRP, 2016).

Psychosocial distress and associated health outcomes may also increase among emergency workers and first responders, due to the nature of their jobs. These workers respond to disasters involving death and injury and work in stressful environments, which put them at risk for post-traumatic stress disorder, depression, and panic disorder (USGCRP, 2016).

In Alaska, many residents have expressed concern and a feeling of depression related to the uncertainty of the scope and magnitude of potential climate change (ADEC, 2010). Residents have expressed anxiety about the potential impact of climate change on culture, subsistence resources, traditional knowledge and ways of knowing, infrastructure damage, the economy, community relocation, cultural and burial sites, recreational activities, future generations, and the 'Alaskan way of life' (ADEC, 2010). Based on the climate change predictions for Alaska, there may be continued impacts on mental health, community wellness, family structure, and "maladaptive" coping behaviors, such as alcohol use, substance abuse, and suicidality. Psychosocial distress, the stress and anxiety that arise over factors such as economic issues, relocation, and uncertainty over infrastructure stability, has already increased among some residents (Cochran et al., 2013). Psychosocial distress and its associated comorbidities is predicted to continue to increase as community relocation becomes more imminent, mental illness could be exacerbated because of factors such as decreased food security, damaged infrastructure and associated economic costs, water quality concerns, and extreme storm events (NCA, 2014; USGCRP, 2016).

Effects of Thawing Permafrost

Permafrost is found in over 80% of Alaska (Chapin et al., 2014; GAO, 2009). An estimated 100,000 Alaskans (roughly 14% of the Alaska population) live in areas sensitive to permafrost degradation (EPA Climate Impacts, 2016; USARC, 2013). As permafrost disappears and the landscape changes, roads may become damaged, subsistence resources may become more scarce and more difficult to access, and communities may need to relocate (Chapin et al., 2014; Cochran et al., 2013). Additional discussion on community relocation can be found in Sea Level Changes, below.

Thawing permafrost also increases the susceptibility of soil to erosion, which is a concern during intense storms along the coast, as well as in communities located along riverbanks. As the melted water in the soil drains away, the remaining soil becomes soft and porous, resulting in loss of

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surface water (including estuaries, ponds, lakes, streams, and rivers). When this soil comes into contact with waves or river currents, it easily erodes, sometimes in large quantities. Eroded coastline can lead to damaged infrastructure, including the potential loss of housing, medical clinics, water sanitation systems, roads, cultural and burial sites, and entire communities.

Damaged infrastructure, and uncertainty regarding the scope of thawing permafrost, could lead to psychosocial distress (e.g., anxiety or depression).

Effects of Sea Level Changes

Nearly 90% of Alaska Native communities are located on the coast (NPR, 2013). As sea levels continue to rise, several coastal Alaska villages have become inundated with tidal waters and have suffered extensive erosion and damaged infrastructure. Thawing permafrost has also led to coastal and riverbank erosion and infrastructure damage. In Shishmaref, for example, entire houses have been destroyed due to erosion. The United States Army Corps of Engineers (USACE) determined that Shishmaref and 183 of 213 (86%) other Alaska Native communities are at risk of flooding and erosion. According to the United States Government Accountability Office (GAO), 31 Alaska Native villages face imminent threats from flooding and erosion, both of which may worsen due to climate change (Bronen, 2011; GAO, 2009). Of these communities, at least 12 have decided to relocate (either partially or entirely), or at least consider the relocation process; several communities, such as Newtok, have already begun the relocation process (GAO, 2009). The threat and process of community relocation is stressful for residents and could result in a variety of adverse health outcomes related to psychosocial distress (Bronen, 2011).

Effects of Gradual Temperature Changes and Ecosystem Properties

In addition to extreme weather events causing psychosocial impacts, gradual climate change could also impact mental health. The gradual impacts of climate change may exacerbate existing mental health conditions or cause new ones (USGCRP, 2016). For example, climate change could lead to a distressing sense of loss—called solastalgia—as a person's land and way of life (culture) is changed (Smith et al., 2014). Studies on the mental health impacts from gradual and cumulative climate change are still limited and are less robust than the research on short-term extreme weather events, but there is some indication that long-term climate change could produce mental health impacts. The literature has focused on the effects of long-term temperature change, but some emerging studies show that changes to air quality, water quality, changing disease vectors, and food sources may also lead to adverse mental health outcomes (USGCRP, 2016).

Effects of Extreme Weather Events

Alaska is predicted to continue to experience more frequent and intense storms. Precipitation is expected to continue to increase, as shown by the climate change predictions for Alaska. Many people who have been affected by extreme weather events, such as floods, hurricanes, and wildfires, have experienced stress reactions and mental health consequences, such as post-traumatic stress and depression (EPA Health Impacts). Additional mental health effects include grief, increased substance abuse, and suicidal ideation (USGCRP, 2016). Highly destructive hurricanes have been associated with an increase in acute stress, post-traumatic stress, domestic violence, depression, and suicide in affected communities (USGCRP, 2016). These adverse mental health outcomes are particularly concerning for those who have experienced multiple disasters. For example, following Hurricane Katrina in 2005, veterans with pre-existing mental illness were 6.8 times more likely to develop additional mental illness compared to veterans without a pre-existing mental illness (Sullivan et al., 2013; USGCRP, 2016).

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Anxiety and depression are also commonly reported outcomes of climate-related disaster events that involve significant life disruptions, including the loss of life, resources, and social support networks (USGCRP, 2016; Luber et al., 2014). Long-term depression and anxiety has been associated with flood events, as well as increased aggression in children (USGCRP, 2016; Ahern et al., 2005). Interpersonal violence often increases after extreme weather events, as well as suicidal behavior and substance abuse (Smith et al., 2014; USGCRP, 2016).

Effects of Weather Pattern Changes

With increased air temperatures, tourism, recreational, and subsistence activities may be impacted. Warmer temperatures can decrease the number of days when recreational snow activities such as skiing and snow machining can occur. Increased wildfires could impact hiking and other recreational activities in summer months. As tourism patterns change, communities that support themselves through these recreational activities may experience economic impacts. Alaskans who rely on these recreational activities for exercise and mental health may incur adverse health consequences if their recreational opportunities become more limited.

3.1.2 Accidents and Injuries

Climate change can cause direct and indirect impacts to the health outcomes and determinants related to accidents and injuries. Relevant health outcomes include unintentional fatal and non-fatal injuries, such as motor vehicle crashes and falls.

Effects of Temperature Changes

Climate change is projected to increase the frequency and duration of heat waves and the number of high-temperature days in Alaska (Stewart et al., 2013). In the past 60 years, average annual temperatures in Alaska have increased by 3°F and average winter temperatures have increased by 6°F (Chapin et al., 2014). On average, summers in Alaska have increased by more than 2.3°F over the past 50 years (Stewart et al. 2013), and the average annual temperatures in Alaska could be 2°–4°F higher by 2050 (Chapin et al., 2014). Alaska now experiences more extremely hot days and fewer extremely cold days than in previous decades (Chapin et al., 2014; Stewart et al., 2013).

Heat stress is the most direct health effect of a warming planet due to climate change (Patz et al., 2014). Prolonged exposure to heat can cause heat exhaustion, heat cramps, and heat stroke (Portier et al., 2010). Fatalities from extreme heat result from heat stroke and related conditions. Extreme heat also exacerbates preexisting conditions, such as cardiovascular, cerebrovascular, and respiratory diseases (Luber et al., 2014). Nationwide, heat-related deaths represent more deaths than from all other weather events combined, such as flooding or tornadoes (Luber and McGeehin, 2008; Patz et al., 2014; Portier et al., 2010). Roughly 700 deaths, on average, are attributed to heat-related causes in the United States annually (Portier et al., 2010). An estimated 35,000 excess deaths occurred during the European heat wave in 2003 (Patz et al., 2014).

While the temperatures in Alaska are not predicted to be nearly as high as in many other parts of the country, Alaskans may be more vulnerable to increasing temperatures than those living in other regions of the country due to a general lack of air conditioning or other means of cooling buildings and houses (Berner et al., 2005; Brubaker et al., 2013; Brubaker et al., 2011). One study found that cities with cooler climates tend to experience more heat-related deaths than those with warmer climates because populations in warmer climates can better acclimatize to heat and are more likely to have access to air conditioning (Portier et al., 2010). In the summer of 2013, for

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example, temperatures in Nondalton hovered around 70°–80°F for multiple weeks; there was a shortage of fans in the community, and several cases of heat stress were reportedly seen at the clinic (Brubaker et al., 2013).

Alaskan seniors and those with preexisting illnesses such as heart disease and diabetes may experience a higher burden of morbidity and mortality due to heat stress. Socioeconomic factors have also been found to determine vulnerability—economically disadvantaged and socially isolated people face higher burdens of death from heat (Portier et al., 2010). As such, rural Alaska communities may experience more challenges in adapting to warmer temperatures.

Effects of Extreme Weather Events

Extreme weather events such as droughts, floods and storms are predicted to increase with climate change and some reports suggest that change is already occurring. The frequency and intensity of extreme precipitation events is projected to increase in Alaska (Stewart et al., 2013). Flooding is typically the primary concern of extreme precipitation events and coastal storms, as floods are the second-deadliest of all the weather hazards in the United States (Patz et al., 2014; USGCRP, 2016).

Extreme precipitation events can also lead to fatal- and non-fatal injuries due to rock falls, mudslides, debris flow and avalanches. Extreme weather events, such as intense storms, could lead to increased risk of injury and death by more vessels capsizing from higher seas, more motor vehicle accidents caused by icier roads, etc. Extreme weather events may also cause infrastructure damage (Larsen et al., 2008). For example, buildings can collapse from heavy snow loads and supersaturated ground (IPCC, 2012). Infrastructure damage could lead to an increased risk of injury and death.

Storm surges—extreme high-water events caused by high winds and low atmospheric pressure—and stronger winter storms are predicted to increase in Alaska. Storm surges have already been causing increasing damage, particularly on the Bering Sea coast and in the Arctic (UAF Sea Grant, 2014). Damage includes receding shoreline due to erosion, infrastructure damage, and flooding. These consequences can lead to drowning, as well as fatal and non-fatal injuries (Brubaker et al., 2010; USGCRP, 2016).

In Alaska, a community-based surveillance study found that unintentional injury was significantly more likely to occur during months when participants reported unseasonable environmental conditions (e.g., heavier than average precipitation, increased variability in ice conditions); self-reported unintentional injuries were even more likely if participants had to change their travel plans (e.g., take a different route) in response to the unseasonable conditions (Driscoll et al., 2016)

Effects of Thawing Permafrost

The thawing and freezing cycles of permafrost often cause damage to the transportation infrastructure in Alaska, including roads, railroads, airstrips, and trails (EPA Health Impacts). Many of Alaska's roadways are built on permafrost. Roads and bridges can be damaged due to frost heaves or the subsidence of permafrost; motor vehicle accidents may result as unsuspecting drivers encounter this damage. Damaged roads, in addition to damaged airstrips and railroads, could also impede access to a number of facilities, including health clinics in emergency situations (Brubaker et al., 2012; Schwartz et al., 2014). See Section 3.1.8, Health Services Infrastructure and Capacity, for more information regarding the potential health impacts of damaged health facilities due to thawing permafrost.

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Effects of Wildfires

Wildfires are predicted to continue to increase in size and intensity in Alaska due to increased temperature, as well as changes to precipitation and storm patterns (Brubaker et al., 2014; Chapin et al., 2014). Wildfires can directly cause fatal and non-fatal injuries—residents can be trapped in their homes, firefighters can be overpowered by flames, etc. Wildfire smoke can also impair driving visibility, which increases the risk of motor vehicle deaths and injuries (USGCRP, 2016). See Section 3.1.3 for an expanded discussion of the potential impacts of wildfires in Alaska, including potential air quality concerns.

Effects of Sea Ice Changes

As temperatures increase, sea ice distribution changes and ice thickness declines (Stewart et al., 2013). The reduction of sea and river ice can cause fatal and non-fatal injuries when people travel over thin ice and become stranded or break through the ice. Such accidents have been shown to cause a significant amount of deaths among Inuit populations (Berner et al., 2005). Hunters have reported a decrease in ice extent and thickness during key hunting times (Berner et al., 2005; Brubaker et al., 2012; Brubaker et al., 2010; Fleischer et al., 2013; NCA, 2014).

3.1.3 Exposure to Potentially Hazardous Materials

Climate change could impact air quality and change the way resources are transported in Alaska. This could change the exposure to potentially hazardous materials, such as air pollutants. Changes to the environment, such as thawing permafrost, could also lead to exposure to potentially hazardous materials. For example, thawing permafrost could expose previously buried contaminants. The key health outcomes considered in this HEC are increases and decreases in documented illnesses or exacerbation of illnesses commonly associated with pollutants of potential concern. These exposures may be mediated through inhalation, ingestion, or physical contact.

Effects of Thawing Permafrost

Permafrost contains large quantities of carbon—approximately twice the carbon that is currently in the Earth's atmosphere (NCA, 2014). As permafrost thaws, microbes in the soil become more active and accelerate the breakdown of organic material. Greenhouse gasses such as carbon dioxide and methane are released into the air during this process (NCA, 2014). The release of greenhouse gases adversely impact air quality and further accelerates climate change (Schuur et al., 2015).

Additionally, as permafrost thaws, buried structures and materials can become exposed, leading to infrastructure damage, and the potential for increased exposure to contaminants. For example, thawing permafrost could subside and expose landfills and contaminated sites and increase the exposure to hazardous materials, such as asbestos, lead and other heavy metals, and organic contaminants (AMAP, 2003). Thawing permafrost could also damage existing infrastructure, such as pipelines, which could also lead to exposure to hazardous materials. In 2017, a well failure in Prudhoe Bay, Alaska led to an uncontrolled release of oil and gas into the environment. The event appears to have occurred as a result of a mechanical failure after thawed permafrost caused the ground below the well to sink, which placed extra pressure on the well (ADN, 2017). Though the permafrost thaw is believed to have been caused by hot production fluids in this particular incident, this event highlights the possibility of an increased exposure to hazardous materials due to thawing

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permafrost from a warming climate.

Effects of Global and Local Air Pollution

Climate change could impact air pollutant concentrations in a variety of ways. Climate influences weather components such as temperature, humidity, wind patterns and precipitation; each of these climate factors can influence air quality (NCA, 2014; USGCRP, 2016). Additional climate-driven metrological changes, such as wildfires and wind-blown dust, can also influence air quality. Poor air quality has been linked to adverse cardiovascular and respiratory health, premature death, and an increase in all-cause mortality (Lim et al., 2012; UNEP, 2011). This section focuses on the role of climate change in air pollution and associated human health outcomes.

Ozone

Ozone occurs naturally in Earth's stratosphere and is also formed by human-made activities. Ozone in the stratosphere is beneficial; it prevents harmful ultraviolet radiation from reaching Earth's surface. Ozone at ground level is a powerful oxidant and a lung irritant (USGCRP, 2016). Ground-level ozone is an air pollutant that is created by chemical reactions between nitrogen oxides (NOx) and volatile organic compounds (VOCs); ozone is a component of smog (EPA Ozone, 2016; Luber et al., 2014). Ground-level ozone is associated with adverse health outcomes, such as decreased lung function, increased premature deaths, and aggravated respiratory conditions (e.g., asthma, chronic bronchitis, and emphysema; EPA Ozone, 2016; Luber et al., 2014).

Ozone formation can increase with higher temperatures and sunlight. Ozone can also be affected by changes in weather patterns and humidity (Portier et al., 2010). Climate change may have already impacted ground-level ozone concentrations in some regions of the United States (Bloomer et al., 2009; Leibensperger et al., 2008; USGCRP, 2016). Worldwide, projections show that increasing temperatures from climate change could increase the number of days with unhealthy levels of ozone (EPA Climate Impacts, 2016).

However, ozone's warming effect on the Arctic, including Alaska, appears to be less significant than in other regions of the world. Modeling ozone changes in the Arctic has a lot of uncertainty when drawing conclusions about ozone levels and their effect on the Arctic (AMAP, 2015).

Particulate Matter (PM)

Particulate matter is a complex mix of solid particles and liquid droplets found in the air. PM can include, among other components, organic chemicals, metals, dust particles, and acids (i.e., nitrates and sulfate). Particulate matter is categorized by the size of particles. Particulate matter that is 10 micrometers (μm, PM_{10}) or smaller in aerodynamic diameter can be inhaled and enter a person's lungs. Fine PM ($PM_{2.5}$) is a subset of PM_{10} and refers to particles that are 2.5 μm or smaller in aerodynamic diameter, which are small enough to be inhaled deep into the alveoli in the lungs.

PM is known to cause adverse health effects. Recent literature shows that exposure to $PM_{2.5}$ has stronger associations to adverse health effects than PM of a larger size. Smaller particles can be inhaled more deeply into the lungs and are more likely to deposit in the lungs because they are not as readily expelled through sneezing or coughing.

Due to the complexity of particulate matter, researchers have not been able to predict whether

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climate change will increase or decrease fine particulate matter concentrations in the United States (EPA Climate Impacts, 2016). Humidity and temperature are known to play a role in the formation of $PM_{2.5}$ (Portier et al., 2010). Increased rainfall could decrease particulate matter suspended in the air (less dust), but other climate change factors could lead to an increase in PM, such as wildfires, melting glaciers (increased glacial dust), and wind patterns (EPA Climate Impacts, 2016).

In Alaska, there are several features of climate change that could lead to an increase in PM concentrations. Receding glaciers, for example, can lead to increased glacial dust. Strong winds, which may increase with climate change, can suspend glacial dust and lead to elevated ambient PM levels (primarily PM_{10}). This is already an issue in parts of Alaska; for example, PM_{10} in the Matanuska-Susitna Valley is primarily wind-blown silt from river basins. This phenomenon may worsen as glaciers continue to retreat. $PM_{2.5}$ could also increase in Alaska due to larger and more frequent wildfires (discussed in greater detail below).

Wildfires

Primarily due to increasing temperatures and changing precipitation and weather, Alaska's wildfire season is getting longer and fires are occurring more frequently and growing larger (UAF, 2013; USGCRP, 2017). Studies show that warmer temperatures could cause droughts, and therefore cause an increased risk of wildfires in various regions of the United States (Patz et al., 2014). Western states, including Alaska, are predicted to be particularly affected by more frequent large wildfires (Bennett et al., 2014; USGCRP, 2017). Record-breaking forest fire seasons have been seen in recent years; over 5 million acres burned in Alaska in 2015, one of the worst recorded fire seasons in the state (AICC, 2015). There have also been unusually large tundra fires in recent years. For example, the 2007 Anaktuvuk River fire burned 1,039 acres on the Alaskan tundra and released more carbon than had been absorbed by the entire circumpolar Arctic in the past 25 years (Chapin et al., 2014).

Adverse health outcomes are predicted to increase in association with increased wildfires in many regions of the United States (Luber et al., 2014; USGCRP, 2016). In addition to morbidity and mortality directly from wildfires (see Section 3.1.2: Accidents and Injuries), pollution exposure could also affect the population. Wildfire emissions can significantly exceed national air quality guidelines for several pollutants (such as PM). Wildfire smoke (comprised of particulate matter, nitrogen oxides, carbon monoxide, volatile organic compounds, and heavy metals such as mercury) has air pollution implications far beyond the actual location of the fire (Luber et al., 2014; Naeher et al., 2007). Communities near wildfires and thousands of miles downwind of fires can be exposed to wildfire emissions (smoke) ranging from days to months while the fire is active (Smith et al., 2014; USGCRP, 2016).

Exposure to smoke from wildfires has been associated with multiple adverse health effects, such as low birth weight, increased hospitalizations due to respiratory and cardiovascular conditions, and premature death (USGCRP, 2016). Worldwide, an estimated 339,000 premature deaths per year are attributed to air pollution from forest fires (Patz et al., 2014). Particulate matter can exacerbate existing conditions, such as asthma, COPD, and cardiovascular conditions (Delfino et al., 2009; Naeher et al., 2007; USGCRP, 2016). Wildfires are commonly associated with increased hospital admissions for exacerbated conditions, such as asthma and COPD. During the 2007 fire in San Diego, the odds of a person seeking emergency care increased by approximately 50% during periods of peak PM concentrations when compared with non-fire conditions (Thelen et al., 2013).

Climate modeling suggests that a warming climate might lead to more frequent and larger fires in the Arctic (ACIA, 2005). Future climate change may further increase the risk of wildfires in Alaska, thereby increasing wildfire emissions and negatively impacting human health (Chapin et al., 2014).

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As large wildfires increase, more poor air quality events may result, potentially leading to exacerbations of pre-existing respiratory and cardiovascular illnesses.

Effects of Sea Ice Changes

A reduction in sea ice extent could make the Arctic Ocean more accessible for marine traffic. Shipping routes could increase, as well as oil and gas exploration and cruise ship travel in new areas. These changes could increase the risk of exposure to hazardous materials during a maritime-related accident, though the risk could also decrease given that marine vessels would have greater access to safer ice-free waters (NCA, 2014). Air and ocean pollution may also increase with more traffic in the Arctic Ocean; ports and marine vessels are major sources of black carbon and PM (Azzara and Rutherford, 2015).

Effects of Gradual Temperature Changes and Ecosystem Properties

Pesticides can be used to control nuisance or potentially disease-carrying pests, such as mosquitoes and ticks. They can also be used to protect agricultural crops from pests. Health effects vary depending on the type of pesticide. For example, some pesticides can affect the nervous and endocrine systems; some can cause lung, eye, or skin irritation; and some may cause cancer (EPA, 2017). Increased temperature, as well as other predicted ecosystem and weather pattern changes, such as increased precipitation, may facilitate pest migration to Alaska or an expansion of existing pest populations in the state (Rosenzweig et al., 2001). Pesticide use may increase in Alaska in response to changing pest populations, which could lead to increased human exposure to pesticides.

3.1.4 Food, Nutrition, and Subsistence Activity

Alaska state law defines subsistence use as "the noncommercial, customary and traditional uses of wild, renewable resources by a resident domiciled in a rural area of the state for direct personal or family consumption as food, shelter, fuel, clothing, tools, or transportation, for the making and selling of handicraft articles out of nonedible by-products of fish and wildlife resources taken for personal or family consumption, and for the customary trade, barter, or sharing for personal or family consumption" (State of Alaska, 2016: AS 16.05.940 [34]). The Alaska Federation of Natives (AFN) describes subsistence as "the hunting, fishing, and gathering activities which traditionally constituted the economic base of life for Alaska's Native peoples and which continue to flourish in many areas of the state today" (AFN, 2012).

Subsistence is part of a rural economic system, called a "mixed, subsistence-market" economy, wherein families invest money into small-scale, efficient technologies to harvest wild foods. Fishing and hunting for subsistence resources provide a reliable economic base for many rural regions. Subsistence is focused toward meeting the self-limiting needs of families and small communities (Wolfe and Walker, 1987; Fall, 2016). Subsistence fishing and hunting are important sources of employment and nutrition in almost all rural Alaska communities, regardless of race. Traditional and cultural activities also support a healthy diet and contribute to residents' overall wellbeing (ADF&G, 2016; Norton-Smith, 2016).

Rising food prices, challenges to food quality and quantity, and changing food distribution patterns are all factors that could be impacted by climate change (Luber et al,. 2014; Patz et al., 2014). Due to the specialized dietary patterns in Alaska with a heavy reliance on subsistence resources, changes to key food sources could lead to food insecurity and associated health

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consequences. Many Alaska communities have already reported various changes to subsistence harvest, such as salmon die-offs related to warmer ocean waters, shifting caribou migration, decline and range change in sea mammals, and increased variability in berry harvest (berry changes have been both positive and negative; Brubaker et al., 2014; Brubaker et al., 2012; Hupp et al., 2015).

Notable potential impacts of climate change on food, nutrition, and subsistence activity in Alaska include a northward shift in seal, walrus, and fish species; thinning sea and river ice, which can make harvesting wild foods more precarious; increasing ocean temperatures; and permafrost changes that could alter spring run-off patterns (Cochran et al., 2013). If these changes continue to occur, the consumption of local food sources might decrease (though the consumption of some local food sources could increase if a species moves into a new area).

Effects of Thawing Permafrost

In Alaska, permafrost changes could make travel and thus the harvesting of subsistence foods more difficult. Areas once stabilized by permafrost have started to subside, damaging transportation infrastructure and posing challenges for local populations harvesting subsistence resources (Norton-Smith et al., 2016). Subsistence harvesters in Kivalina report that thawing permafrost and related erosion have decreased stream water quality, resulting in a decrease in Arctic char populations. Salmon populations have increased in the area, but the traditional preference is for char (Brubaker et al., 2010). These challenges have led to smaller reported food harvests. If changes such as these continue to occur, the consumption of local food sources might decrease (though the consumption of some local food sources could increase if a species moves into a new area).

Thawing permafrost creates an additional challenge to the availability of traditional foods. Traditional ice cellars are failing in some Arctic communities (Brubaker et al., 2010b). Ice cellars, formed by digging a storage area into the permafrost, are an important component of subsistence food storage for some residents in the communities of Nuiqsut, Kivalina, Point Hope, Point Lay, Utqiaġvik, Wainwright, and Kaktovik. Alaska Native people have used ice cellars for thousands of years to store food and families have used the same ice cellars for generations (Brubaker et al., 2010). As soil temperatures increase and permafrost begins to thaw, ice cellars are more likely to fail and result in food spoilage. Cellar failure could lead to foodborne illnesses from consuming spoiled food (see Section 3.1.5) and could also lead to a crucial shortage of food for a household. Such shortages could increase food insecurity in communities (Brubaker et al, 2009b).

Effects of Gradual Temperature Changes and Ecosystem Properties

The various components of climate change, such as increasing temperatures, could impact ecosystems in Alaska. An example of such an impact is the expansion of plant species that were once limited to a specific part of the state due to temperature. Gradual changes to the ecosystem could also impact subsistence resources, and therefore potentially impact the availability of certain foods for residents (NCA, 2014). Some ecosystem changes could lead to population declines for some resources (e.g., less food available for caribou herds and the introduction of invasive species). Migration patterns of subsistence resources, such as caribou, have changed and may to change due to ecosystem changes. These migration changes could make harvesting subsistence resources more difficult in some communities (i.e., people will need to travel further to find a caribou), but could lead to more successful subsistence harvests in some areas (i.e., a resource moving into new habitat—such as deer) (Struzik, 2010). Warming temperatures might also lead to an increase in parasites in subsistence resources, such as caribou, which could potentially affect the availability of certain foods in Alaska (ADF&G, 2008; Bradley et al., 2005).

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Ocean acidification, rising ocean temperatures, and declining sea ice are additional components of climate change that may interact to affect the location and abundance of marine fish, including those used for subsistence. Due to declining sea ice, subsistence hunters report needing to travel increasingly large distances to hunt marine mammals, such as bearded, spotted, ringed, and ribbon seals, whose reproduction and survival rates are known to fluctuate with climate changes (Ferguson et al., 2005).

3.1.5 Infectious Diseases and Toxins from Microorganisms

Researchers predict that climate change will cause a variety of temperature and ecosystem changes at both the global and local levels. Increasing temperatures and changing weather patterns can affect the incidence and spread of infectious diseases, especially vectorborne and waterborne diseases. Such implications include altered population size and range of hosts, vectors, and pathogens; duration of the transmission season; and outbreak timing and persistence (Parkinson et al., 2005). This section focuses on vectorborne, waterborne, and foodborne diseases that may be linked to climate change and are relevant to Alaska.

Vectorborne and Zoonotic Diseases: Effects of Temperature Changes, Extreme Weather Events, and Changing Weather Patterns

Vectorborne diseases are illnesses that are caused by pathogens and parasites in human populations (WHO, 2016). Common arthropod vectors include mosquitoes, ticks, and fleas. Climate change could impact vector ecology in several ways. Changes to weather patterns and the frequency of extreme weather events can affect vector population size, density, and survival rates. Climate change could also influence the reproduction and survival rate of pathogens in the host, as well as the size of the host population (Gage et al., 2008). Increases in temperature could also impact vector development; this may hinder or aid in vector survival, depending on the vector (ADEC, 2010). For example, an increase in temperature could allow for mosquitoes to survive longer in a previously inhospitable environment (Patz et al., 2014). In Alaska, increasing temperature and precipitation are potential driving factors for changes in the occurrence of vectorborne diseases.

Zoonotic diseases are diseases that can be spread between animals and humans. Since many people interact with animals frequently in their daily lives, some zoonotic diseases are common in human populations.

West Nile Virus

West Nile virus (WNV) was first observed in the United States in 1999. Since then, WNV has been documented in 48 states and has been spreading across the Canadian provinces as far west as Yukon Territory. Thus far, no locally-acquired cases of WNV have been recorded in Alaska.

The normal lifecycle of WNV involves mosquitoes and birds. When a mosquito feeds on an infected bird, it becomes infected with WNV and then transmits the virus by feeding on another bird, human, or horse. Humans and horses represent dead end hosts; probably because the level of viremia that develops is not high enough to allow mosquitoes that subsequently bite them to become infected (ADHSS, 2002). Of the 35 mosquito species known to carry WNV, several of those species are endemic or have been found in Alaska (e.g., *Aedes canadiensis, A. vexans, Culex pipiens,* and *C. restruans*) (ADHSS, 2002). However, given our relatively cool, short summers and brief mosquito season, experts feel that Alaska does not currently have favorable

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climatic conditions to support ongoing transmission of the virus, though this could change with a changing climate. The ideal temperature for WNV carriage in mosquitoes is at least 86° (30°C) over a 10 day period (NY ClimAid).

Climate change predictions for Alaska show an increase in temperatures across the state, particularly in the Interior and Northern regions. Summer temperatures in Interior Alaska already exceed 80°F for several days annually, and it is reasonable to assume that with the predicted temperature change for Interior Alaska, there is potential to meet this temperature requirement by the mid- to late-century (Chapin et al., 2014; Stewart et al., 2013).

Lyme Disease and Other Tick-borne Diseases

Ticks are restricted to specific geographic locations where climatic conditions, such as temperature and precipitation, are suitable for them to complete their life cycles (Gage et al., 2008). Tick habitat is also related to the abundance of host species, such as white tailed deer and white-footed mice. In the Lower 48, warmer air temperatures have increased the reproduction rate and range of the blacklegged ticks, *Ixodes scapularis* (deer tick) and *I. pacificus* (western blacklegged tick; EPA Climate Impacts, 2016). These ticks are vectors for the bacteria *Borrelia burgdorferi*, which causes Lyme disease (CDC Lyme Transmission, 2015).

There have been no known locally-acquired cases of Lyme disease in Alaska (Alaska does not currently have favorable climatic conditions to support the tick species that transmit the disease). Tick surveillance demonstrates that *I. scapularis* currently has an established range from the eastern U.S. into southern Manitoba, Canada (Bouchard et al., 2015). Climate-based models indicate that as temperatures increase, the *I. scapularis* population could continue to expand northward through Canada, and potentially to Alaska (Brownstein et al., 2005; Gage et al., 2008; McPherson et al. 2017). Moreover, recent surveillance efforts have identified *I. scapularis* on some Alaska dogs with recent travel outside of Alaska. There is no indication that *I. scapularis* is currently established in Alaska; however, further introduction of these ticks into the state could eventually result in an established population (Durden et al, 2016). Other non-native species can also survive if they are introduced to certain parts of the state (Woodford, 2012). For example, *Dermacenter variabilis* (the American dog tick, a vector for the pathogens that cause Rocky Mountain spotted fever, tularemia, Q fever, and bovine anaplasmosis) has been identified on Alaska dogs without a history of recent travel outside of Alaska. *D. variabilis* is not established in Alaska, but it does have eventual invasion potential, given the right set of climatic conditions (current northern range limit is below 52° North latitude in southern Canada [Dergousoff et al., 2013]; Durden et al., 2016; Woodford, 2012).

Rabies Virus

Rabies is a zoonotic disease caused by a family of viruses that infect mammals. The majority of animal rabies cases in the U.S. occur in wild animals, such as foxes, skunks, bats, and raccoons. Rabies is most commonly transmitted to humans via the bite of a rabid animal (CDC Rabies, 2016).

Rabies is enzootic (consistently present) among the fox populations of northern and western coastal Alaska. In Alaska, rabies infection most commonly occurs in foxes, although dogs, wolves, and bats occasionally become infected as well (ADHSS, 2011). Most cases occur in early fall through spring. During this time, foxes move inland from the sea ice. Climate changes could lead to conditions that support an increase in the Arctic fox population (Kim et al., 2014). Increasing temperature could facilitate an expansion of rabid Arctic fox populations, but

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predictions are complicated by modeled regional differences in precipitation (Kim et al., 2014). Decreased sea ice could limit the movement of Arctic foxes, which could lead to decreased opportunity for rabies transmission (Kim et al., 2014), but may also result in Arctic foxes foraging closer to villages and thereby might increase the likelihood of contact with humans and domestic pets.

Rabies from bats is common in the continental United States and several Canadian provinces. There are only six bat species in Alaska, and most have ranges that do not extend beyond southeast Alaska (ADHSS, 2016). The geographic range of bats is tied to several factors, including climate (particularly average temperatures; Kim et al., 2014). Of note for Alaska, the short duration of darkness in the summer limits foraging activities for bats, thereby limiting their northern range (ADHSS, 2006). This limiting factor would remain, regardless of climate change.

Echinococcosis

Echinococcosis is a zoonotic infection caused by tapeworms from the genus *Echinococcus*. Echinococcosis occurs sporadically in Alaska and reported cases have decreased in recent decades. Cystic echinococcosis, caused by infection with *Echinococcus granulosus*, has been reported in all regions in Alaska except the Aleutians. Alveolar echinococcosis, caused by infection with *E. multilocularis*, has only been reported in Alaska in the North Slope region and St. Lawrence Island. Warmer temperatures could support the expansion of foxes and voles, which are common carriers of *E. multilocularis,* though warmer temperatures might also make it harder for *E. multilocularis* eggs to survive (Parkinson and Evengård, 2009; Rausch, 2003; Jenkins et al., 2013).

Food- and Waterborne Diseases: Effects of Temperature Changes, Extreme Weather Events, and Ecosystem Properties

Climate change may alter the incidence of food- and waterborne disease by way of increased temperatures, extreme weather events, and changing availability of fresh food and drinking water. Increased temperatures can directly affect pathogens by influencing their survival, persistence, and virulence (ADEC, 2010; Fleury et al., 2006). For example, increased air temperatures may lead to thawing permafrost, which could impact the safety of traditional forms of food storage in Alaska (Brubaker et al., 2010b).

Extreme weather events, such as floods and droughts, can reduce the availability of safe drinking water, fresh food, and sewer services. Increased precipitation and associated runoff can also change the spread of pathogens that cause food and waterborne diseases (Parkinson and Butler, 2005). Flooding and heavy rainfall could cause overflows from sewage treatment facilities into fresh water sources and overflows could contaminate food crops with pathogen-containing feces (EPA Climate Impacts, 2016).

Botulism

Foodborne botulism is caused by ingesting the neurotoxin made by the bacterium *Clostridium botulinum*. Improperly canning, fermenting, aging, or putrefying foods can create an anaerobic environment, which promote the growth and toxin production of *C. botulinum*; this can happen at temperatures greater than 39°F (4°C; Parkinson and Butler, 2005). Cases of botulism in Alaska are relatively uncommon and have decreased in recent years, but the rate of foodborne botulism is higher in Alaska than anywhere else in the Nation (CDC Botulism, 2017). All foodborne botulism cases in Alaska have occurred among Alaska Native people who consumed traditional Alaska

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Native foods (ADHSS, 2017b). These include "fermented" foods, dried foods, and traditionally prepared condiments, such as seal oil. Traditional foods, such as sea mammals, are not technically fermented because they lack adequate carbohydrates to enable fermentation; instead, these foods are usually putrefied (ADHSS, 2017b). Because of the temperature dependency of spore germination, it is possible that warmer ambient air temperatures in Alaska could result in an increase in cases of foodborne botulism if foods are not able to be properly prepared and stored in a manner that prevents spoilage (Parkinson and Evengård, 2009).

Paralytic Shellfish Poisoning

Paralytic shellfish poisoning (PSP) is a potentially fatal neuroparalytic condition that results from ingesting saxitoxin, a marine toxin produced by dinoflagellate algae. In the right conditions, saxitoxin accumulates in bivalve mollusks (e.g., mussels, scallops, and clams). Increasing temperatures promote harmful algal bloom (HAB) events in freshwater and saltwater, although PSP is a risk year-round (Paerl et al., 2011; Smith et al., 2014). Outbreaks of PSP have been reported world-wide and have increased in frequency and range. PSP cases occur in Alaska and could occur with greater frequency and broader range due to increasing ocean temperatures (Parkinson and Butler, 2005). HAB events can also involve domoic acid, a toxin produced by dinoflagellates that can cause amnesiac shellfish poisoning (ASP) when ingested by humans (NOAA Fisheries, n.d.). Climate change projections show HAB events in Puget Sound occurring 2 months sooner and lasting up to a month longer than at present. In Alaska waters, HAB events may also occur more frequently and last longer (UAF Sea Grant, 2014).

Giardiasis

Giardiasis is a diarrheal illness caused by the ingestion of *Giardia lamblia* cysts found in contaminated soil, food, or water, as well as by fecal-oral spread from an infected person (CDC Giardia, 2015). Alaska has some of the highest annual rates of giardiasis in the United States (Yoder et al., 2010; Painter et al., 2015). The incidence of giardiasis could increase with climate change as northern habitats become more suitable for animals that carry the protozoan (e.g., beaver; Brubaker et al., 2010; Parkinson and Evengård, 2009; Jenkins et al., 2013).

Other Gastrointestinal Illnesses

Vibrio parahaemolyticus is a leading cause of seafood-associated gastroenteritis in the United States. *V. parahaemolyticus* in Alaska has been associated with the consumption of raw oysters gathered in warm-water estuaries (McLaughlin et al., 2005). *V. parahaemolyticus* thrives in warmer water temperatures (e.g., >15°C; ADHSS, 2004b). Warm water temperature also appears to have led to Alaska's first documented outbreak of *V. parahaemolyticus* in 2004, which was a particularly warm summer (ADHSS, 2004). The prevalence of *V. parahaemolyticus* may increase in Alaska waters with increasing water temperatures, though there are effective means to prevent an outbreak. Following the 2004 outbreak, the Alaska Department of Environmental Conservation developed a control plan for *V. parahaemolyticus*. As part of this plan, shellfish harvesters must monitor water temperatures. If the temperature reaches ≥60°F, harvesters must take corrective action; such an action may include lowering oyster gear below the thermocline (temperatures <60°F; ADEC, 2017). The control plan and increased awareness of *V. parahaemolyticus* in the state are likely reasons why an outbreak in Alaskan waters has not occurred since 2004. (Note: potential impacts related to water and sanitation, such as

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gastrointestinal illness due to damaged water systems, will be addressed in Section 3.1.7, Water and Sanitation.)

Effects of Other Infectious Diseases and Toxins

Infectious Respiratory Diseases

The distribution of viruses with a wild bird host, such as influenza, could be impacted by climate change—particularly as ecosystems gradually change in response to factors such as changing temperatures (Berner et al., 2005). The impact of these potential factors on human cases of influenza, however, is unpredictable (Gilbert et al., 2008).

Other Toxins

Naturally occurring toxins may also be mobilized into the environment due to thawing permafrost, which could increase exposure to contaminants. In 2016, for example, an outbreak of anthrax occurred in the Siberian region of Russia and resulted in the hospitalization of dozens of people and the death of a child. Historically, many outbreaks of anthrax have occurred in reindeer and cattle in this region. Some researchers speculated that the cause of the outbreaks in 2016 was thawing permafrost that led to previously frozen and buried dead animals thawing and rising to the surface, and subsequently releasing anthrax spores that had been previously immobilized in the carcasses (NPR, 2016).

3.1.6 Non-communicable and Chronic Diseases

Climate change could also impact chronic non-communicable diseases due to lifestyle changes (e.g., leisure-time activity and diet) and aeroallergen and air quality changes (the potential effects of air pollution are addressed in Section 3.1.3).

Effects of Thawing Permafrost, Temperature Changes, and Ecosystem Properties

Changing Food Consumption Patterns

As discussed in Section 3.1.4, climate change could lead to a decrease in the consumption of subsistence foods and a decrease in food-secure households in Alaska. Shifting from subsistence foods can lead to an increase in the consumption of store-bought foods of lesser nutritional value (Johnson et al., 2008). Diets with more unhealthy and/or less nutrient-rich foods could lead to several chronic non-communicable conditions, such as obesity, diabetes, certain types of cancer, and cardiovascular disease (ADEC, 2010; Eyre et al., 2004). If diets change in Alaska due to climate change, rates of these chronic diseases could increase over time.

Changing Access to Recreational and Subsistence Activities

Warmer temperatures could decrease the number of days when recreational snow activities such as skiing and snow machining can occur, as well as some subsistence activities (e.g., hunting on the ice or snow). Increased wildfires could impact recreational activities (such as hiking) and subsistence activities during the summer months. Alaska residents who rely on these recreational and subsistence activities for exercise and mental health may be adversely affected if their opportunities become more limited.

Insect Bites and Stings

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Increased temperatures may influence insect bites and stings in Alaska. Warmer average winter temperatures in Alaska might have already contributed to an increase in patients seeking health care for insect bite and sting reactions. In Alaska, there was a statistically significant increase in patients seeking care for insect reactions (e.g., yellowjacket stings) over a 14-year period (Demain et al., 2009). The most northern regions in the study had the largest percentage of increases in patients seeking health care for insect reactions and experienced the largest increases in winter temperatures, averaging at least 6°F. Researchers believe that warmer temperatures may have been a contributing factor to the increase in insect bites and stings (ADEC, 2010; Demain et al., 2009).

Effects of Aeroallergen Changes

Climate change could affect allergies and respiratory health as higher temperatures and changes in precipitation influence the abundance, seasonality, and distribution of aeroallergens (such as birch pollen; NCA, 2014). Warmer temperatures in Alaska could lead to greater pollen exposures due to earlier and longer pollen seasons. As a result, rates of allergic rhinitis (hay fever) and asthma could be impacted by these changes to aeroallergens.

A community-based surveillance study in Alaska observed that allergic asthma symptoms from outdoor sources were significantly more likely in months when participants reported unseasonable environmental conditions, such as pollen changes or increased precipitation (Driscoll et al., 2016; AMAP, 2017). In 2014 and 2016, tree pollen counts in Anchorage and Fairbanks were the some of the highest the world and may have been the result of an early, dry spring (ADHSS, 2017; ADN 2016). This increase in tree pollen counts may have resulted in more reported allergy symptoms in both communities (ADN, 2016).

3.1.7 Water and Sanitation

The World Health Organization (WHO) lists unsafe drinking water combined with inadequate sanitation and hygiene as one of the top 10 health risk factors leading to disease, disability, and death worldwide (Berner et al., 2005; WHO, 2009). The WHO estimated that these risk factors contribute to approximately 88% of the deaths from diarrheal diseases (CDC WASH, 2015). An estimated 900,000 people fall ill and up to 900 die each year in the United States from diseases resulting from drinking contaminated water (APHA, 2011). In Alaska, the lack of adequate sanitation is associated with increased transmission of communicable diseases such as respiratory infections, skin infections, meningitis, and gastroenteritis in rural communities (Berner et al., 2005; Hennessy, 2008; Wenger et al., 2010; Thomas et al., 2015).

Drinking water distribution in Alaska currently consists of several methods, including piped utility systems, community-haul, and self-haul (Warren et al., 2005). Sewage systems in Alaska include piped facilities, septic systems, pit privies (outhouses), community haul and self-haul. Approximately 80% of rural community housing units have in-home water and wastewater services (Thomas et al., 2015). The remaining 20% (approximately 30 communities) use alternative methods, such as honey buckets (a honey bucket is a container placed in the house and used as a toilet; disposal requires carrying the container outside to be emptied at a designated spot, which may or may not be a sewage lagoon; Berner et al., 2005).

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Climate change could impact water and sanitation facilities, and rates of associated disease, in a number of ways. Flooding, thawing permafrost, increased temperatures, and changing weather patterns are all examples of climate change components that could impact human health. In Alaska, water and sanitation infrastructure damage has already occurred in some communities due to coastal and riverbank erosion, thawing permafrost, storm surges, and flooding (including flooding from spring ice breakup). Further damage to drinking water, wastewater, and/or storm water systems could adversely impact human health by way of facilitating waterborne diseases (such as giardiasis) and decreasing the availability and quality of water used for personal hygiene and drinking water.

Effects of Thawing Permafrost

Thawing permafrost can damage water and sewer infrastructure, leading to an increase in waterborne diseases, such as cryptosporidiosis and giardiasis. Thawing permafrost has already been implicated in damage to water and sewer systems in rural Alaska communities. Kwigillingok, for example, reported the loss of an aquifer due to the disappearance of permafrost (ADEC, 2010). As permafrost continues to thaw in Alaska, water and sewer infrastructure may suffer damage, which could increase waterborne and water-washed diseases (diseases caused by lack of clean water for washing, such skin and eye infections; ADEC, 2010).

Thawing permafrost could also lead to the drainage of surface water sources (AMAP, 2017). Lakes in permafrost regions in Alaska have already begun to change; some lakes have decreased in size and others have disappeared (Evengård et al., 2011). Because many communities in the Arctic rely on surface water sources, including Alaska's North Slope, changes to these sources could impact the availability of potable water and impact human health. For example, limited access to water is associated with an increase in skin infections and pediatric hospitalization rates for pneumonia, influenza, and respiratory syncytial virus infections (Wenger et al., 2010; Thomas et al., 2015; Hennessy et al., 2008).

Effects of Weather Pattern Changes

Increased precipitation, particularly heavy rainfall events, can overwhelm water and sewage systems, leading to waterborne infections (see Section 3.1.5 for an expanded discussion of waterborne disease and climate change; CDC, 2011; USGCRP, 2016; ADEC, 2010; Patz et al., 2014). In 1993, the largest outbreak of *Cryptosporidium* in the United States was preceded by the heaviest rainfall event in 50 years. This outbreak in Milwaukee caused approximately 403,000 illnesses and 50 deaths (MacKenzie et al., 1994; Patz et al., 2008). Extreme storm events have been tied to human illness in the Arctic (Evengård et al., 2011; Warren et al., 2005).

Extreme storm events can also damage infrastructure for drinking water, wastewater, and storm water systems (USGCRP, 2016). Heavy precipitation can lead to flooding and surface runoff and can increase pathogen loads in water sources and promote harmful algal blooms (USGCRP, 2016). Heavy precipitation events can also exacerbate existing issues with inadequate or deteriorating infrastructure.

Nationally, researchers predict that hurricanes and rainfall will increase in intensity, thus increasing the risk of flooding in coastal and inland regions. In Alaska, storms are predicted to increase in frequency and intensity. This predicted change, combined with increased coastal and riverbank erosion, could lead to damaged water and sanitation infrastructure, as well as contaminated surface water sources due to flooding. Storm damage to Kivalina in 2004, for example, damaged the community's leach field system for the washeteria (which is the only structure providing public

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showers, laundry facilities, and flush toilets, as Kivalina does not have piped water and sewer) and resulted in the closure of the washeteria for the entire winter (Brubaker et al., 2010). The rate of respiratory infections in Kivalina increased after 2004, possibly due to the washeteria's prolonged closure (Thomas et al., 2013). A community-based surveillance study in Alaska found that water insecurity (reduced amount of water usually used) was significantly more likely in months when participants reported unusual weather (Driscoll et al., 2016).

Effects of Sea Level Changes

Rising sea levels can increase coastal erosion, worsen storm surges and flood areas, and damage infrastructure (Patz et al., 2014). While sea levels are decreasing in some parts of Alaska, levels are increasing near some communities. Additionally, coastal erosion and storm surges are already challenges in some communities. Storm surges in vulnerable coastal regions could lead to sea water overtopping and contaminating freshwater sources (ADEC, 2010). As discussed in the climate change predictions for Alaska, the state may be adversely impacted once the rate of sea level rise exceeds the rate of rising land surface, though the scale and timing of this change is uncertain (O'Harra, 2010; UAF Sea Grant, 2014).

Effects of Temperature and Precipitation Changes

Though precipitation in the form of rain is expected to increase for much of Alaska, some models predict that the availability of potable water will decrease due to climate change (ADEC, 2010). For example, tundra lakes and ponds in some parts of Alaska have already been shrinking due in part to increased evaporation and increased drainage as permafrost thaws (Riordan et al., 2006). For a community-specific example, water operators in Point Hope reported that during the summers of 2007 and 2008, there was a disruption in drinking water treatment due to drought and a temperature-driven increase in organic material in an Arctic tundra lake, which was the source of drinking water for the community (Brubaker et al., 2009). There was no evidence of an impact to the rates of waterborne illness in the community during this incident; however, substantial increases in organic material can raise the cost of water treatment (due to more frequent filter changes), sometimes limiting a community's ability to provide safe drinking water (Brubaker et al., 2009).

3.1.8 Health Services Infrastructure and Capacity

Health services infrastructure and capacity refers to physical infrastructure, staffing levels, staff competencies, and technical capabilities of health care facilities. Access to health care and health care capacity is often influenced by natural disasters. This can occur if an influx in patients overwhelms health service capacity, thus limiting residents' access to health care. If large-scale incidents occur that involve multiple individuals, existing health services could be overwhelmed, as many clinics and regional health centers have limited capacity.

Currently, about half of all Alaska Native people reside in small communities that are isolated from regional hospitals and health centers due to large distances, weather events, and geographic barriers. Many of these communities are not accessible by road, and can only be accessed via boat, snow machine, or small aircraft.

Climate change could impact access to health care services. For example, thawing permafrost could damage a health clinic structure, a road accessing a clinic, or village runways. Extreme storm events and wildfire smoke can decrease access to health services. Communities without

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access to health care services may be adversely affected by climate variability and climate change (Frumkin et al., 2008; Smith et al., 2014).

Effects of Thawing Permafrost

Thawing permafrost could damage health care infrastructure and directly impact health care services—more people requiring medical assistance because of accidents and injuries due to failing infrastructure. Water supply systems and wastewater systems are further examples of infrastructure that could be damaged from thawing permafrost and result in adverse health effects.

Effects of Extreme Weather Events

In Alaska, scientists predict more frequent and intense storms due to climate change. As mentioned above, large-scale incidents, such as extreme weather events, could overwhelm existing health services, especially in communities where the capacity of health care resources are already strained. Extreme weather events could also preclude access to health services—e.g., storms can impede air and boat travel.

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3.2 Key Potential Health Impacts by Health Effect Category

One initial step that local communities can take to prepare for climate change is to identify the potential health impacts that will be most relevant to their community and, for each identified impact, determine the expected timing and magnitude of the effect. Examples of criteria that could be used for this application include (a) potential time to impact, (b) geographic extent of the impact, (c) the number of people directly impacted, (d) the number of people impacted who might experience serious health problems, and (e) resources needed to adapt to the impact. The criteria can then be summarized and presented in a simplified visual format such as a tiered and color-coded table (e.g., Table 3). Next, communities can create a table that displays what the potential adverse health impacts of climate change might look like in their community for each health effect category to help prioritize adaptation strategies and resource needs (e.g., Table 4 presents a notional example of what such a table might look like on a statewide basis).

Table 3. Example of a System to Rank the Timing and Magnitude of Health Impact Dimension Criteria

	Timing and Magnitude		
Health Impact Dimension	**Lower**	**Intermediate**	**Higher**
Time to Impact	≥50 years	20–50 years	<20 years
Geographic Extent	Local	Regional	Statewide
Number of People Directly Impacted	Few	Intermediate	Many
Number of People Impacted who Might Experience Serious Health Problems	Few	Intermediate	Many
Resources Needed to Adapt/Respond	Few	Intermediate	Many

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Table 4. Notional Example of Potential Adverse Health Impacts of Climate Change Statewide, by Health Effect Category*

Health Effect Category	Selected Adverse Health Impacts	Time to Impact	Geographic Extent	# of People Directly Impacted	# People Experiencing Serious Health Problems	Resources Needed to Adapt/ Respond
Mental Health and Wellbeing	Increase in solastalgia, anxiety, and depression due to the changing environment					
Accidents and Injuries	Increased heat stress and associated disorders					
	Increased accidents/injuries due to infrastructure damage					
	Increased accidents/injuries due to wildfires					
	Increased accidents/injuries due to extreme weather events (e.g., flooding)					
	Increased accidents/injuries due to unsafe ice conditions					
Exposure to Potentially Hazardous Materials	Increased cardiovascular disease morbidity/mortality due to air pollution (e.g., caused by wildfires)					
	Increased respiratory disease morbidity/mortality due to air pollution (e.g., caused by wildfires)					
	Increased exposure to hazardous materials (e.g., due to infrastructure damage, storm events)					
Food, Nutrition, and Subsistence Activity	Decrease in subsistence food consumption and food security (e.g., due to migration changes, increased costs of importing foods)					
Infectious Diseases and Toxins from Microorganisms	Increased morbidity/mortality related to vectorborne diseases					
	Increased morbidity/mortality related to zoonotic diseases					
	Increased morbidity/mortality related to food- and waterborne diseases (e.g., botulism, PSP, *Vibrio parahaemolyticus*)†					
Non-communicable and Chronic Diseases	Increased rates of chronic diseases such as obesity, diabetes, and hyperlipidemia due to changing lifestyles±					
	Increased rates of chronic respiratory diseases due to aeroallergens					
Water and Sanitation	Increased morbidity/mortality due to compromised access to water and sanitation facilities (e.g., infrastructure damage)					
Health Services Infrastructure and Capacity	Increased morbidity/mortality due to compromised access to health care (e.g., infrastructure damage)					

**Note: This table was constructed as a notional example for Alaska communities to consider replicating when developing the community health component of their own climate change adaptation plans. As such, it should be viewed primarily as an instructional tool rather than a precise representation of the likelihood of specific health impacts due to climate change in Alaska. Creating a reliable table for the entire state would require more input from a wide range of subject matter experts and stakeholders.*

†This health impact focuses on illnesses that are not a direct result of compromised access to water and sanitation facilities, which are addressed in a subsequent category (Water and Sanitation).

±This health impact focuses on illnesses that are not a direct result of air pollution, which is addressed in a previous category (Exposure to Potentially Hazardous Materials).

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3.3 Monitoring Recommendations and Adaptation Strategies

The monitoring recommendations and adaptation strategies discussed in this section are provided as suggestions based on the examples of potential health impacts identified in this statewide HIA.

3.3.1 Monitoring Recommendations

The monitoring recommendations provided here are intended to help characterize the adverse health impacts of climate change over time. Monitoring indicators and resources are listed to help decision-makers and other stakeholders develop surveillance strategies and identify agencies currently collecting the relevant health and environmental data. This section presents monitoring recommendations and resources for each HEC.

An effective monitoring strategy requires the development of a suite of measurable and objective indicators. Fortunately, numerous public health surveillance systems exist and robust sets of climate change indicators have been developed by agencies such as the U.S. Environmental Protection Agency (EPA Climate Change Indicators, 2016) and the Council of State and Territorial Epidemiologists (CSTE Climate Change Indicators, n.d.).

This HIA proposes health and environmental indicators to (1) characterize how well the state is performing for several health outcomes in each health effect category, and (2) monitor future change (Table 5). Table 5 also presents monitoring resources to help improve situational awareness related to potential climate change impacts. These resources are listed to help decision-makers and other stakeholders develop surveillance strategies and identify agencies currently collecting the relevant health and environmental data; however, agencies may not have designated staff for ongoing monitoring and the list of monitoring resources is not exhaustive. More resources will need to be developed to comprehensively monitor all potential indicators statewide. Where possible, this HIA identifies monitoring strategies that have been developed and tested by other state, federal, and international entities. For example, this HIA suggests monitoring many of the health and environmental indicators proposed and pilot tested as indicators by CSTE (CSTE Climate Change Indicators, n.d.).

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Table 5. Proposed Health and Environmental Indicators and Monitoring Resources

Potential Impact	Health and Environmental Indicators	Examples of Existing Monitoring Resources
Mental Health and Wellbeing		
Increase in psychosocial distress (e.g., anxiety or depression) due to the changing environment	Health indicators • Hospital/clinic visits due to distress following a climate-associated event (e.g., flooding, storm surge, wildfire) Environmental indicators • Tidal gauges (to monitor sea-level rise)	Health resources • Alaska Trauma Registry (ATR) for injury trends: http://dhss.alaska.gov/dph/Emergency/Pages/trauma/registry.aspx • Alaska Health Facilities Data Reporting Program (HFDR) for hospital diagnoses trends: http://dhss.alaska.gov/dph/HealthPlanning/Pages/DischargeData.aspx Environmental resources • NOAA Sea Level Trends: http://tidesandcurrents.noaa.gov/sltrends/sltrends.html
Accidents and Injuries		
Increased heat stress and associated disorders	Health indicators • Deaths due to heat (number, rate)* • Hospitalizations due to heat (number, rate)* • ER visits due to heat (number, rate)* Environmental indicators • Daily maximum and minimum temperatures	Health resources • ATR for injury trends • Alaska HFDR for hospital diagnoses trends Environmental resources • Scenarios Network for Alaska + Arctic Planning (SNAP) for community profiles on observed and projected temperatures: https://www.snap.uaf.edu/tools-and-data/all-analysis-tools

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Potential Impact	Health and Environmental Indicators	Examples of Existing Monitoring Resources
Increased accidents/injuries due to infrastructure damage (e.g., motor vehicle accidents)	Health indicators • Injuries and deaths from transportation (number, rate) Environmental indicators • Daily maximum and minimum temperatures • Soil temperatures	Health resources • ATR for injury trends • Alaska HFDR for hospital diagnoses trends • Alaska Department of Transportation (DOT) reports on fatal and nonfatal motor vehicle accidents Environmental resources • SNAP for community profiles on observed and projected temperatures
Increased accidents/injuries due to wildfires	Health indicators • Injuries and deaths due to wildfire (number, rate)* Environmental indicators • Air mass stagnation events (number)* • Total number of wildland fires* • Total number of acres affected by wildland fires*	Health resources • ATR for injury trends • Alaska HFDR for hospital diagnoses trends Environmental resources • BLM wildfire webpage: http://fire.ak.blm.gov
Increased accidents/injuries from extreme weather events (e.g., flooding)	Health indicators • Injuries and deaths due to severe storms (number, rate)* Environmental indicators • Meteorological event data, such as extent and timing of unusual events	Health resources • ATR for injury trends • Alaska HFDR for hospital diagnoses trends Environmental resources • SNAP for observed and projected extreme weather data • Alaska Shoreline Change Tool: http://maps.dggs.alaska.gov/shoreline/#-16434084:9589812:5
Increased accidents/injuries due to unsafe ice conditions	Health indicators • Injuries and deaths due to ice break-through events (number, rate) Environmental indicators • Ice thickness, timing of ice break-up and ice-free waters	Health resources • ATR for injury trends • Alaska HFDR for hospital diagnoses trends Environmental resources • SNAP for observed and projected sea ice coverage • Local Environmental Observer (LEO) Network for

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Potential Impact	Health and Environmental Indicators	Examples of Existing Monitoring Resources
		postings by local observers and topical experts about unusual animal, environment, and weather events: www.leonetwork.org
Exposure to Potentially Hazardous Materials		
Increased cardiovascular disease morbidity/mortality due to air pollution (e.g., caused by wildfires)	Health indicators • Exacerbations of cardiovascular disease Environmental indicators • Annual average of PM_{10} and $PM_{2.5}$* • Days with PM_{10} and $PM_{2.5}$ in the unhealthy range* • Air mass stagnation events (number)* • Total number of wildland fires* • Total number of acres affected by wildland fires*	Health resources • Alaska HFDR for hospital diagnoses trends Environmental resources • Alaska Department of Environmental Conservation (ADEC) for $PM_{2.5}$ and PM_{10} monitoring • Community air monitoring programs
Increased respiratory disease morbidity/mortality due to air pollution (e.g., caused by wildfires)	Health indicators • Exacerbations of respiratory disease • Hospitalizations and ER visits due to allergic sensitizations and insect bites/stings Environmental indicators • Annual average of PM_{10} and $PM_{2.5}$ (number)* • Days with PM_{10} and $PM_{2.5}$ in the unhealthy range (number)* • Air mass stagnation events (number)* • Total # of wildland fires* • Total # of acres affected by wildland fires*	Health resources • Alaska HFDR for hospital diagnoses trends Environmental resources • ADEC for $PM_{2.5}$ and PM_{10} monitoring • Community air monitoring programs • Community pollen count monitors
Food, Nutrition, and Subsistence Activity		
Decrease in subsistence food consumption and food security (e.g., due to migration changes)	Health indicators • Subsistence harvest quantity per capita • Percentage of food secure households • Cases of nutritional deficiencies Environmental indicators • Number of successful hunts/caught salmon • Size of salmon runs	Health resources • Alaska Department of Fish and Game (ADF&G) subsistence harvest survey results and food security trends: https://www.adfg.alaska.gov/sb/CSIS/ • Alaska HFDR for hospital diagnoses trends Environmental resources • LEO Network for postings by local observers and

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Potential Impact	Health and Environmental Indicators	Examples of Existing Monitoring Resources
	• Closure of hunting/fishing areas due to insufficient resources	topical experts about unusual animal, environment, and weather events: www.leonetwork.org • ADF&G fish counts: http://www.adfg.alaska.gov/sf/FishCounts/ • ADF&G subsistence harvest survey data
Infectious Diseases and Toxins from Microorganisms		
Increased morbidity/mortality related to vectorborne and zoonotic diseases	Health indicators • Cases of Lyme disease (number, rate)* • Cases of WNV (number, rate)* • Cases of *Vibrio parahaemolyticus* (number, rate) • Cases of animal rabies (number, rate) • Cases of giardiasis (number, rates) • Cases of echinococcosis (number, rate) Environmental indicators • Number of WNV positive mosquito pools* • Minimum infection rate (MIR) for WNV (MIR=WNV-positive pools per number of adult mosquitoes) tested)	Health resources • Alaska Section of Epidemiology (SOE) • Alaska HFDR for hospital diagnoses trends Environmental resources • Wide-scale mosquito sampling is not currently conducted in Alaska • Continued tick surveillance • LEO Network for unusual animal events
Increased morbidity/mortality related to food- and waterborne diseases (e.g., botulism, PSP, *Vibrio parahaemolyticus)*	Health indicators • Cases of PSP, *Vibrio parahaemolyticus*, domoic acid (number, rate) • Cases of botulism (number, rate) Environmental indicators • Number and length of harmful algal blooms (HAB events) • Ocean water and ambient air temperatures	Health resources • Alaska SOE • Alaska HFDR for hospital diagnoses trends Environmental resources • LEO Network • SNAP for community profiles on observed and projected temperatures • NOAA Coastal Water Temperature Guide: https://www.nodc.noaa.gov/dsdt/cwtg/
Non-communicable and Chronic Diseases		
Increased rates of chronic respiratory diseases due to aeroallergens	Health indicators • Allergic disease related hospital admissions (number, rate)* • Allergic disease related emergency discharges	Health resources • Alaska HFDR for hospital diagnoses trends Environmental resources

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Potential Impact	Health and Environmental Indicators	Examples of Existing Monitoring Resources
	(number, rate)* • Hospital admissions due to asthma (number, rate) Environmental indicators • Date pollen season started and ended* • Length of pollen season (number of days)* • Days during pollen season when readings were elevated (number, percent)* • Pollen counts for the pollen season (mean, minimum, maximum)* • List of pollen types measured*	• LEO Network for unusual events
Water and Sanitation		
Increased morbidity/mortality due to compromised access to water and sanitation facilities (e.g., infrastructure damage)	Health indicators • Cases of childhood gastrointestinal illnesses, cryptosporidium, giardiasis (number, rate) Environmental indicators • Percentage of residents with access to adequate water and sanitation facilities	Health resources • Alaska HFDR for hospital diagnoses trends Environmental resources • ADEC Village Safe Water Program: http://dec.alaska.gov/water/vsw/index.htm
Health Services Infrastructure and Capacity		
Increased morbidity/mortality due to compromised access to health care (e.g., infrastructure damage)	Health indicators • Ratio of population to health care provider	Health resources • ADHSS Health Professional Shortage Area designations: http://dhss.alaska.gov/dph/HealthPlanning/Pages/primarycare/hpsa.aspx

**Part of nationwide CSTE Climate Change Indicators*

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3.3.2 Adaptation Strategies

Adaptation as it relates to climate change is defined by the Intergovernmental Panel on Climate Change as the "adjustment in natural or human systems in response to actual or expected climatic stimuli or their effects, which moderates harm or exploits beneficial opportunities" (IPCC, 2012; Watts et al., 2017). According to the Arctic Monitoring and Assessment Programme (AMAP), adaptation is also "an ongoing process encompassing awareness, understanding, mobilizing resources, building capacity, taking action, evaluating success and adjusting accordingly" (AMAP, 2017). Adaptation strategies related to health include efforts to reduce morbidity and mortality from climate-related causes (Watts et al., 2017). Communities can use the adaptation strategy examples below in developing their own climate change assessments, vulnerability assessments, and action plans. Overarching and HEC-specific adaptation strategy examples for communities are provided in Table 6 and 7. When possible, local values should be incorporated into the process of selecting adaptation strategies to increase the likelihood of successful implementation (Reid et al., 2014; AMAP, 2017).

Another important component of climate change adaptation is community resilience. In the event of a disaster, including climate-driven disasters such as large-scale flooding or a rapidly eroding shoreline, community resilience measures a community's capability of restoring the original pre-disaster state, as well as the capacity to cope with emerging post-disaster situations (Kais & Islam, 2016). Proactive community resiliency can reduce the vulnerability of residents and infrastructure to climate hazards and disasters (Community Resilience Building, n.d.). Policymakers that understand a community's resilience can better aid communities in avoiding or adapting to climate-related disasters (Kais & Islam, 2016). Building community resilience is typically a process whereby participants from various sectors (e.g., local government, tribal leadership, academia, corporations, and residents) work together to identify top hazards, current challenges and strengths, and prioritize actions to utilize resources in effective ways to recover from climate disasters (Community Resilience Building, n.d.).

Table 6. Overarching Adaptation Strategy Examples for Communities

Adaptation Strategies
Create local climate change advisory groups, assessments, and adaptation plans
Offer community members ample opportunity to relay their concerns about climate change and propose solutions
Develop and implement local community resilience plans (https://www.communityresiliencebuilding.com)
Include human health in community vulnerability assessments for climate change (for an example, see: http://www.georgetowntc.com/pdf/GeorgetownVulnerabilityAssessmentFinal.pdf)
Develop or update Small Community Emergency Response Plans (SCERP) and include potential climate-related disasters in the plans (https://ready.alaska.gov/Plans/SCERP).
Develop local and statewide health surveillance systems for selected climate change indicators
Provide informational resources to community members about the potential health impacts of climate change
Promote climate change research at local, regional, and statewide levels
Develop an ongoing catalogue of climate change studies and data gaps in Arctic and sub-Arctic populations
Assure sufficient public health workforce capable of performing climate change research, surveillance, and adaptation
Conduct risk communication, health education, and community outreach as needed

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Table 7. Health Effect Category-Specific Adaptation Strategy Examples for Alaska Communities

Health Effect Category	Potential Adaptation Strategies
Mental Health and Wellbeing	• Raise awareness about solastalgia (the distressing sense of loss that people experience as a result of unwanted environmental changes that occur close to one's home) and promote strategies that mediate public risk perceptions, psychological and social impacts, coping responses, and behavioral adaptation (Resser et al. 2011) • Implement community-based strategies to promote mental health and wellbeing (e.g., https://www.preventioninstitute.org/taxonomy/term/124) • Implement and strengthen existing community-based behavioral health programs that aim to prevent mental/behavioral health problems (e.g., anxiety/depression, substance abuse, suicide, and violence prevention programs)
Accidents and Injuries	• Review architecture and engineering designs to ensure that infrastructure can withstand changes to the underlying permafrost and extreme weather events, and if not, consider ways to address the problem • Support surveillance and communication networks to warn community members of dangerous travelling conditions (e.g., thin ice, frost heaves in roads, storm surges) • Develop risk-appropriate storm shelters for Alaska communities • Develop a plan to create access to cooling centers during extreme heat events (e.g., in interior Alaska; often cooling centers are located in buildings with the capacity to provide cooler environments, such as an air-conditioned school or library)
Exposure to Potentially Hazardous Materials	• Review architecture and engineering designs to ensure that infrastructure can withstand changes to the underlying permafrost, and if not, consider ways to address the problem • Assess location-based vulnerabilities to wildfires, mitigate high-risk areas, and develop community response plans, such as the Firewise Community Program (http://forestry.alaska.gov/fire/firewise) • Develop a plan to create access to clean air centers during wildfires (https://www3.epa.gov/airnow/wildfire_may2016.pdf)
Food, Nutrition, and Subsistence Activity	• Establish community-based monitoring programs for subsistence resources, such as the Local Environmental Observer (LEO) Network and the Alaska Native Tribal Health Consortium (ANTHC) Rural Alaska Monitoring Program (RAMP); https://anthc.org/what-we-do/community-environment-and-health/climate-change-food-security) • Provide support for community freezers and other food safety programs to ensure access to safe and healthy traditional foods in Arctic communities • Conduct risk communication, health education, and community outreach regarding the presence of potential contaminants in subsistence foods
Infectious Diseases and Toxins from Microorganisms	• Support programs such as LEO Network, the One Health Group, and RAMP • Conduct ongoing, active monitoring for harmful algal blooms (HABs) • Expand surveillance efforts for cases of vectorborne diseases and presence of associated vectors
Chronic and Non-communicable Diseases	• Support monitoring efforts for seasonal patterns of respiratory and cardiovascular disease exacerbations that might be associated with wildfire smoke or aeroallergens
Water and Sanitation	• Review architecture and engineering designs to ensure piping infrastructure can withstand changes to the underlying permafrost, and if not, consider ways to address the problem • Collaborate with water utilities and water resource managers to assess expected performance of infrastructure and natural systems under changing climate conditions
Health Services Infrastructure and Capacity	• Review architecture and engineering designs to ensure health care infrastructure can withstand changes to the underlying permafrost, and if not, consider ways to address the problem

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5.0 APPENDIX 1: CLIMATE CHANGE INDICATORS

5.1.1 Temperature

This indicator focuses on air, surface, and ocean temperature patterns over time. Air temperature is measured at fixed locations over land and a mixture of ship- and buoy-based systems over the water. Thermometer and other instrument-based surface temperature records date back hundreds of years in some locations (NCA, 2014).

This indicator also examines trends in unusual temperatures from (a) the changes in average annual temperatures, (b) the size and frequency of prolonged heat waves, (c) unusually hot summer temperatures and cold winter temperatures, and (d) the changes in record high and low temperatures. To determine whether an observation is 'unusual' in terms of temperature, data are averaged over a particular month or season of interest; the coldest 10% of years are considered 'unusually cold', and the warmest 10% are considered 'unusually hot' (EPA Climate Change Indicators, 2016). Extremely hot and cold days are also reviewed; extremely hot days are considered the warmest 1% of daily high temperatures and extremely cold days are considered the coldest 1% of daily low temperatures (Stewart et al., 2013).

5.1.2 Precipitation

This indicator entails precipitation patterns, based on rainfall and snowfall measurements from land-based weather stations worldwide. Reliable statewide records are available for Alaska from 1925 to present (EPA Climate Change Indicators, 2016).

An extreme precipitation event is an episode of abnormally high rain or snow; the definition of 'extreme' varies based on location, season, and the length of the historical record.

5.1.3 Weather Patterns

This indicator includes climate features tied to weather patterns; season lengths, frequency/intensity of storms, and timing/amount of storm events are all considered. Roughly defined, weather is "the conditions of the atmosphere over a short period of time" (NASA, 2005). Climate, in comparison, is the behavior of the atmosphere over longer periods of time.

5.1.4 Sea Ice

This indicator describes the extent and age of Arctic sea ice. Data for this indicator are typically gathered by the National Snow and Ice Center using satellite imaging technology (EPA Climate Change Indicators, 2016). Extensive measurements of Arctic sea ice through satellite imaging began in 1979.

Sea ice extent is defined as the area of ocean where at least 15% of the surface is frozen. This indicator focuses on the average sea ice extent during peak freezing and peak melting months. Sea ice extent typically reaches its annual minimum in September and its maximum in March (EPA Climate Change Indicators, 2016).

The age of sea ice is determined by tracking ice as it moves over time through a combination of daily satellite images, wind measurements, and data from surface buoys (EPA Climate Change Indicators, 2016).

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5.1.5 Glaciers

A glacier is a large mass of snow and ice, present year-round, which has accumulated over many years. Glaciers accumulate snow, which eventually becomes compressed into ice, and at lower elevations, the ice naturally loses mass because of melting and calving (ice breaking off and floating away). A glacier that does not increase or decrease in size when melting/calving is balanced by new snow accumulation (EPA Climate Change Indicators, 2016).

A world glacier inventory was created in the 1970s, based primarily on aerial photographs and maps. This inventory contains more than 100,000 glaciers, which cover an approximate area of 240,000 km^2 (UNEP, 2008).

This indicator describes the change in glacier mass balance, which is measured as the average change in thickness across the surface of a glacier. Glaciers provide visible evidence of changes in temperature and precipitation and can contribute to sea level rise if they lose more ice than they can accumulate through new snowfall (EPA Climate Change Indicators, 2016).

5.1.6 Permafrost

Permafrost is a layer of soil below the surface in which the temperature continuously remains below freezing (NWS, 2009). The upper layer of permafrost, the active layer, may thaw and refreeze seasonally. The active layer lies above the continually frozen permafrost layer. Permafrost consists of soil, rocks, and frozen water. Large quantities of carbon dioxide and methane are stored in permafrost (Chapin et al, 2014).

This indicator describes the extent of permafrost in Alaska. Permafrost extent is measured by soil temperature. The University of Alaska Fairbanks Geophysical Institute has been monitoring temperatures and depth of permafrost since 1976 (Stewart et al., 2013).

5.1.7 Sea Levels

This indicator encompasses trends in sea level based on measurements from tide gauges and from satellite imagery. Tide gauges measure relative sea level change along the coast and satellites measure absolute sea level change over the ocean surface. Many tide gauges have collected data for more than 100 years. Satellites have collected data since the early 1990s (EPA Climate Change Indicators, 2016). Sea level data for much of Alaska are available from 1975 to present (NOAA Tides and Currents).

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6.0 APPENDIX 2: EVIDENCE FOR CLIMATE CHANGE OUTSIDE OF ALASKA

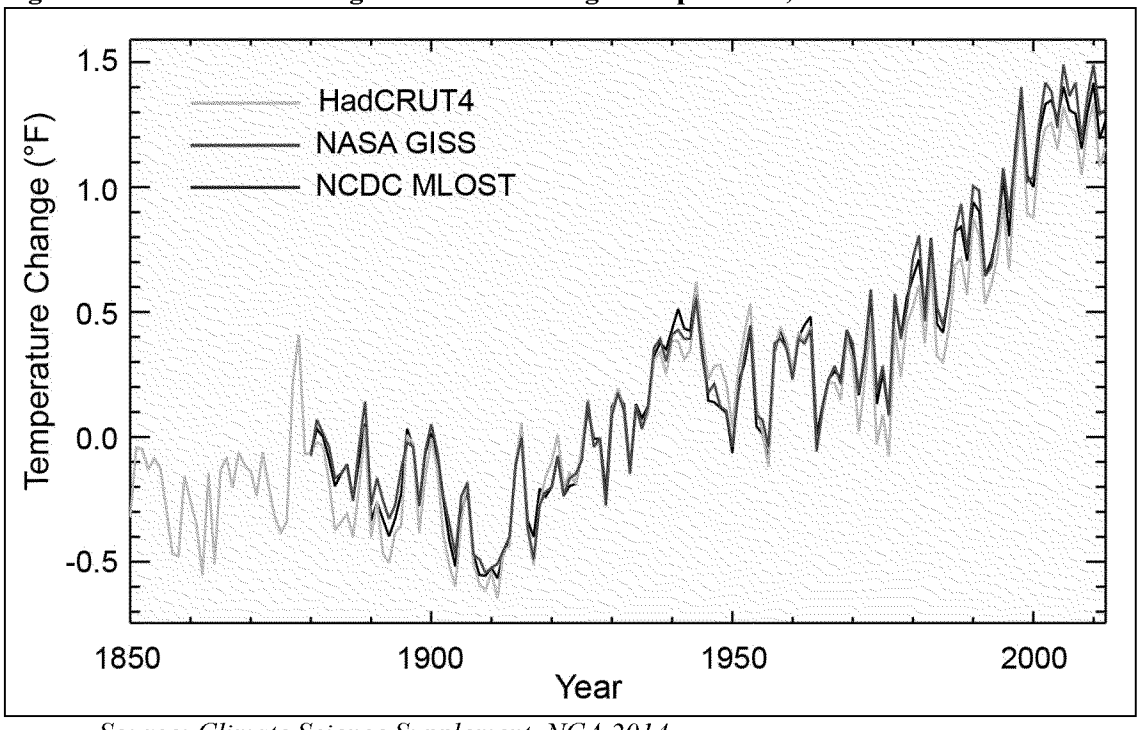
This section presents general changes in various climate change indicators and focuses on the global and national scale.

6.1.1 Temperature

Global Temperature Change

Globally, temperatures have increased by at least 1.5°F since 1880, based on information from three global temperature datasets (HadCRU4, NASA GISS, and NCDC MLOST; Figure A-1). Global temperature has risen at an average rate of 0.13°F per decade since 1901 (Walsh et al., 2014).

Figure A-1. Observed Change in Global Average Temperature, 1901–2012



Source: Climate Science Supplement, NCA 2014

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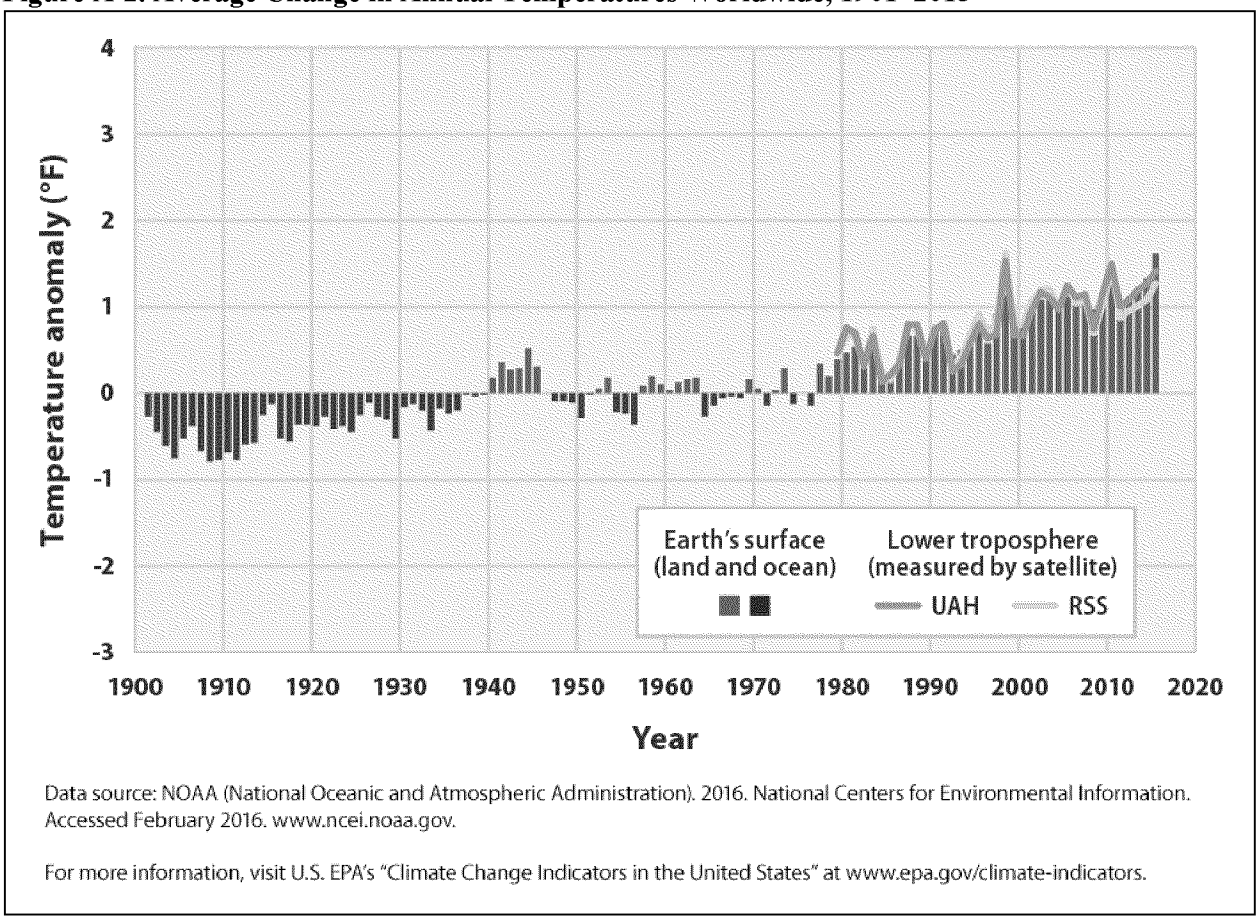
Average temperatures have risen more rapidly since the 1970s (range: +0.26–0.43°F per decade; Figure A-2). The time period of 2005–2014 was the warmest decade since thermometer-based records began in the 1900s, and 2016 was the warmest year on record worldwide (EPA Climate Change Indicators, 2016; Blunden et al., 2017). Arctic regions have seen temperatures increase at twice the rate of temperatures elsewhere in the world (NCA, 2014).

Figure A-2. Average Change in Annual Temperatures Worldwide, 1901–2015



Source: EPA Climate Change Indicators, 2016

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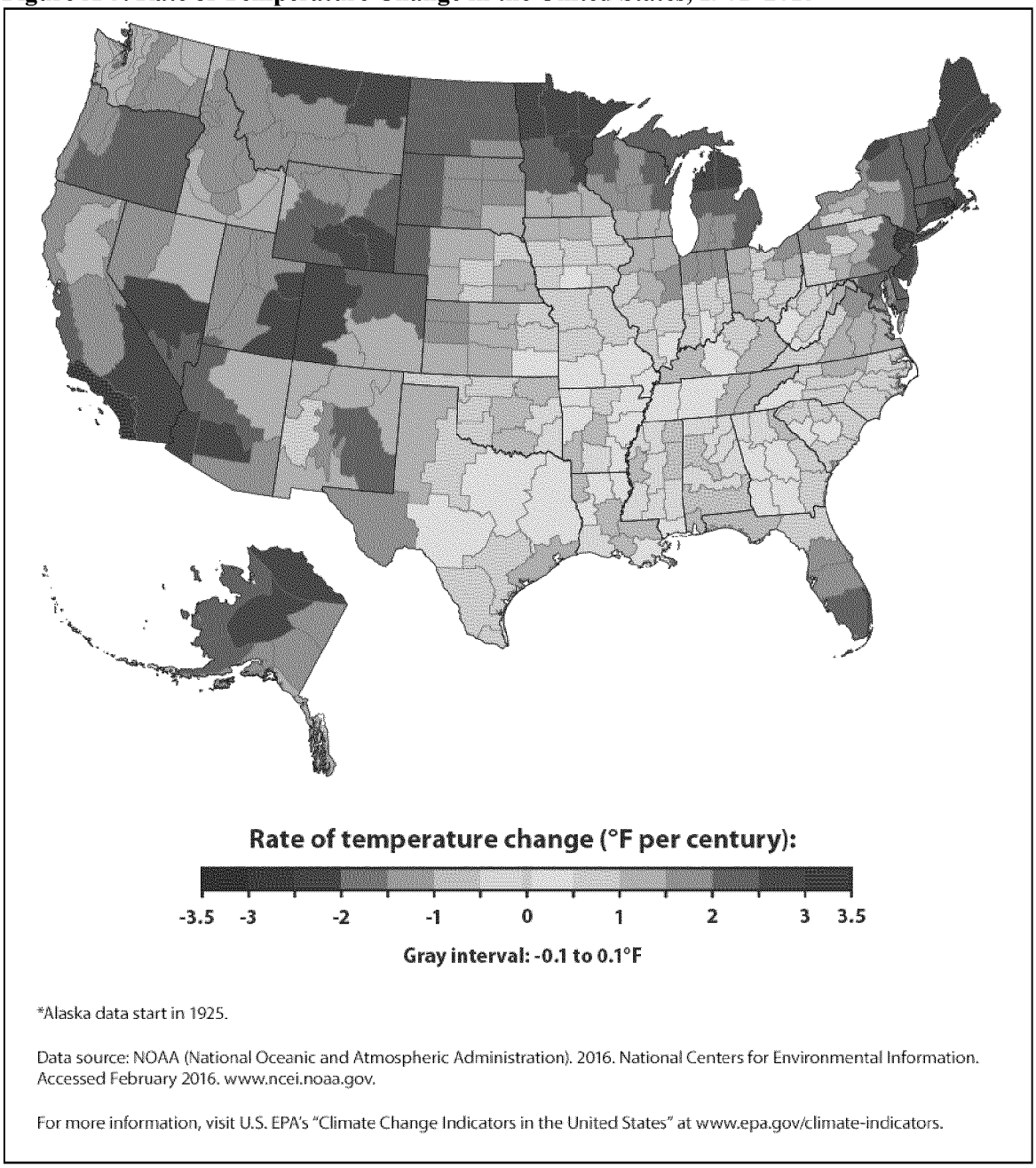
United States Temperature Change

In the United States, temperatures have risen more quickly in the North, the West, and in Alaska than in the rest of the country (EPA Climate Change Indicators, 2016). The average temperature in the United States has increased by 1.2–1.8°F for the period 1986–2016 relative to 1901–1960, at an average rate of 0.14°F per decade, though most of this change has occurred since 1970 (USGCRP, 2017; Walsh et al., 2014; EPA Climate Change Indicators, 2016; Figure A-3).

Figure A-3. Rate of Temperature Change in the United States, 1901–2015



Source: EPA Climate Change Indicators, 2016

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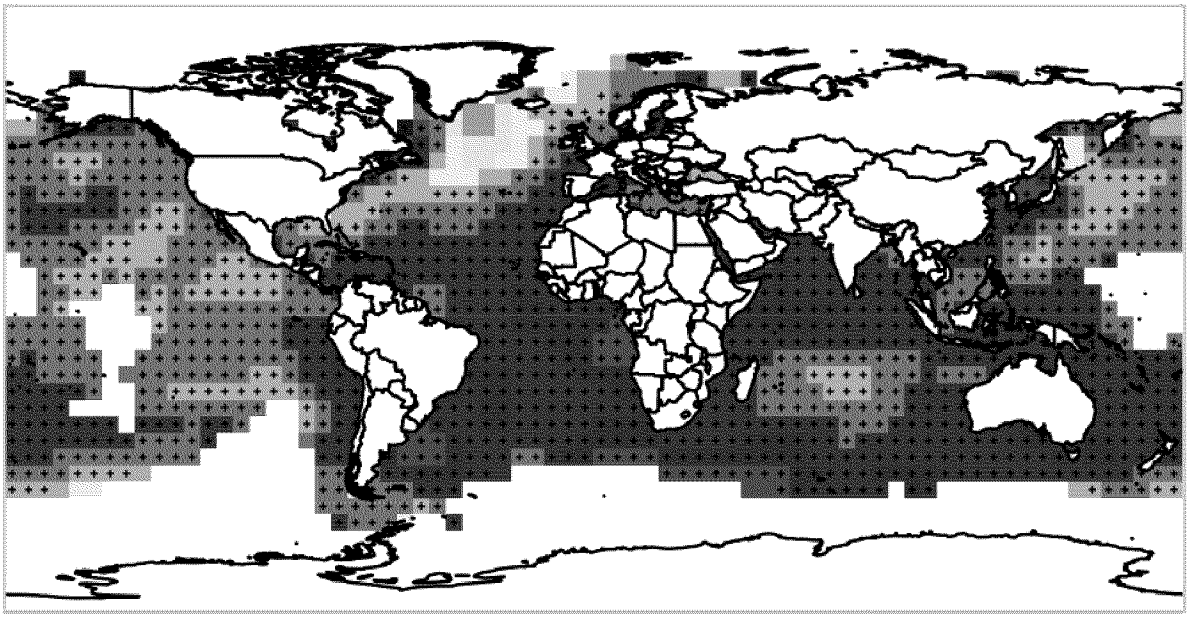
Ocean Temperature Change

The average sea surface temperature has increased globally. Temperatures rose at an average rate of 0.13°F per decade, from 1901–2014 (EPA Climate Change Indicators, 2016; Figure A-4).

Figure A-4. Change in Sea Surface Temperature, 1901–2015



Data sources:

- IPCC (Intergovernmental Panel on Climate Change). 2013. Climate change 2013: The physical science basis. Working Group I contribution to the IPCC Fifth Assessment Report. Cambridge, United Kingdom: Cambridge University Press. www.ipcc.ch/report/ar5/wg1.
- NOAA (National Oceanic and Atmospheric Administration). 2016. NOAA Merged Land Ocean Global Surface Temperature Analysis (NOAAGlobalTemp): Global gridded 5° x 5° data. National Centers for Environmental Information. Accessed June 2016. www.ncdc.noaa.gov/data-access/marineocean-data/noaa-global-surface-temperature-noaaglobaltemp.

For more information, visit U.S. EPA's "Climate Change Indicators in the United States" at www.epa.gov/climate-indicators.

Source: EPA Climate Change Indicators, 2016

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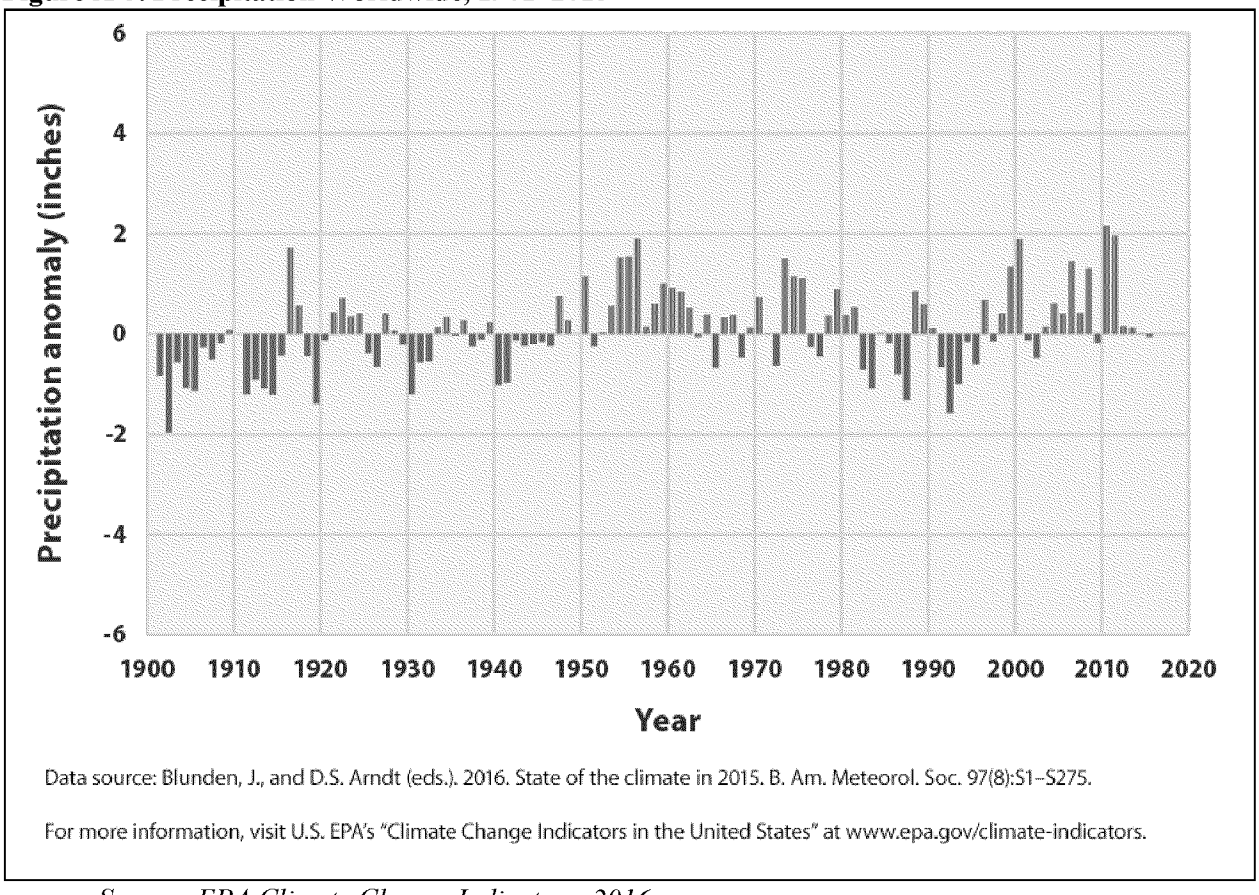
6.1.2 Precipitation

Global Precipitation Change

Overall, precipitation has increased worldwide (Figure A-5). While there are regions experiencing drought, the average global precipitation has increased at a rate of 0.08 inches per decade (EPA Climate Change Indicators, 2016).

Figure A-5. Precipitation Worldwide, 1901–2015



Source: EPA Climate Change Indicators, 2016

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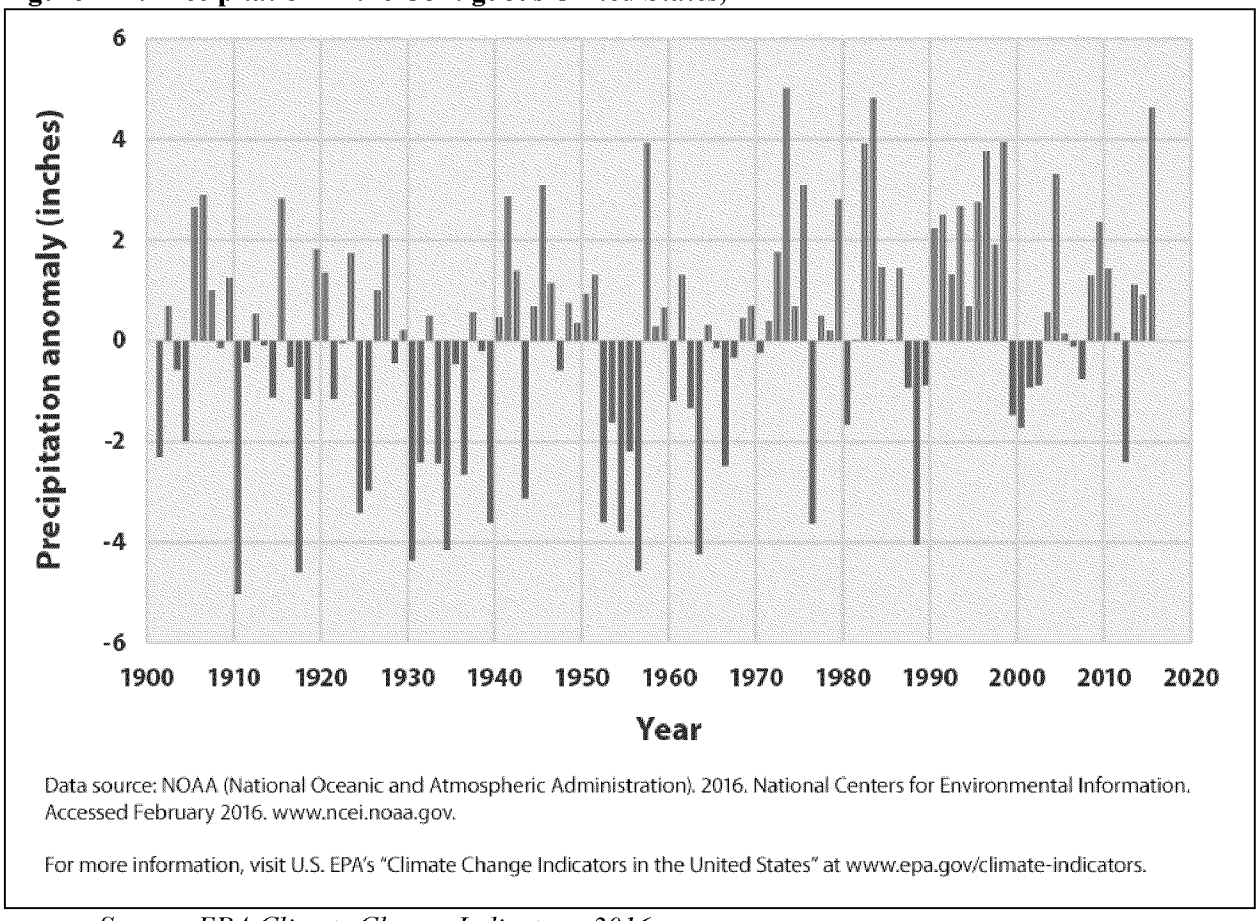
United States Precipitation Change

Precipitation in the contiguous United States has increased at a rate of 0.17 inches per decade (EPA Climate Change Indicators, 2016; Figure A-6).

Figure A-6. Precipitation in the Contiguous United States, 1901–2015



Source: EPA Climate Change Indicators, 2016

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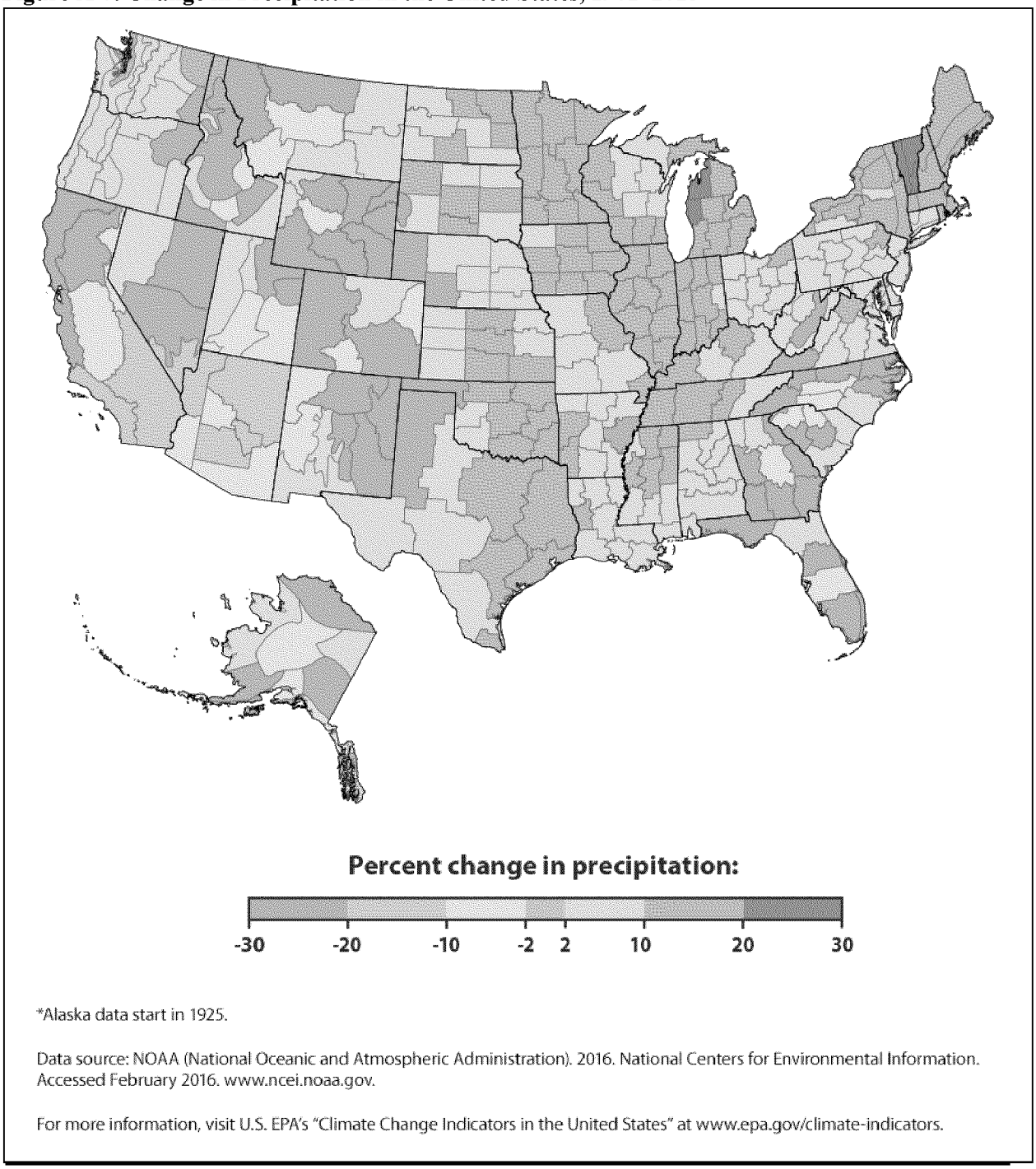
While the United States has seen a general increase in precipitation, particularly in the Midwest and Northeast, areas such as the Southwest have experienced a decrease in precipitation (EPA Climate Change Indicators, 2016; Figure A-7).

Figure A-7. Change in Precipitation in the United States, 1901–2015



Source: EPA Climate Change Indicators, 2016

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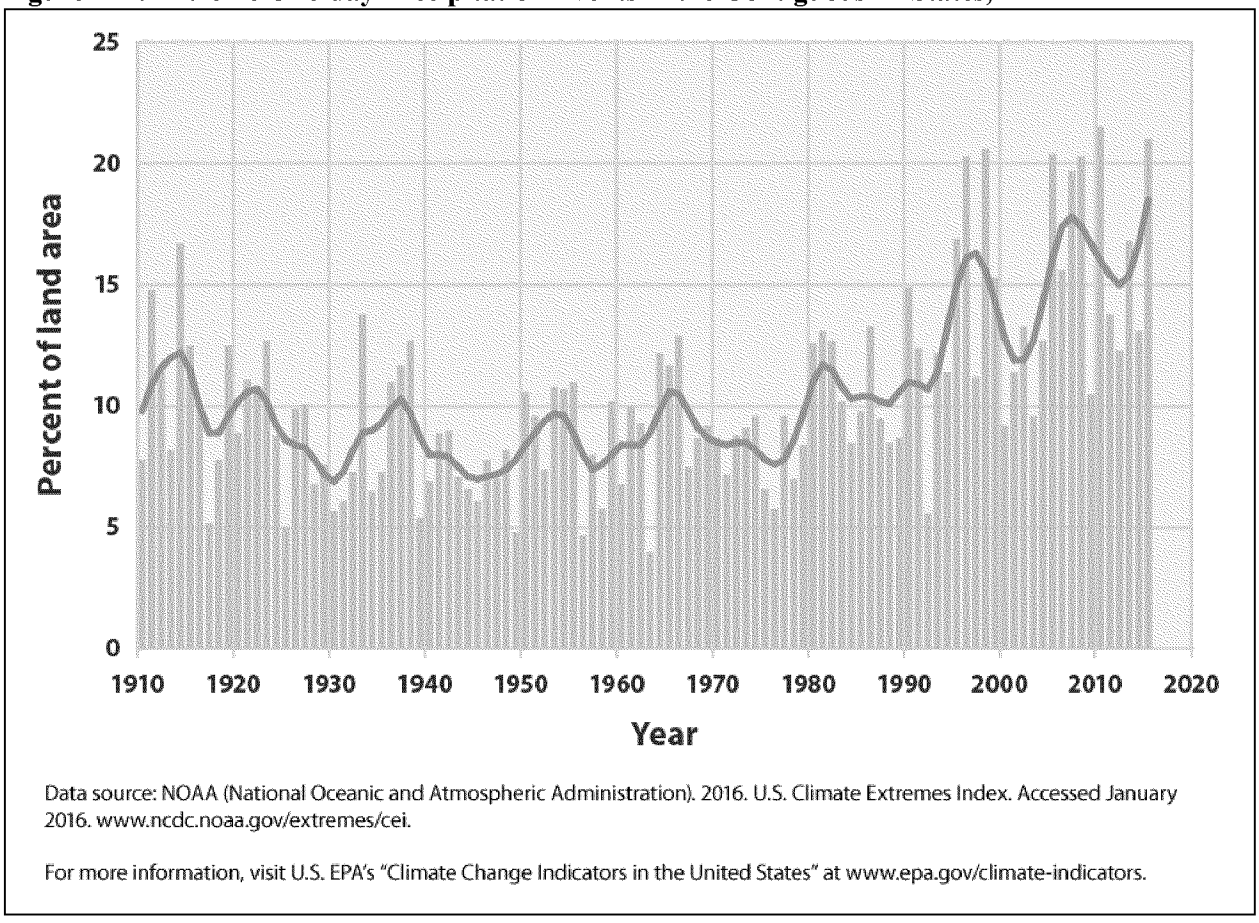
Heavy Precipitation

Recently in the United States, a larger percentage of precipitation has come from intense single-day events (EPA Climate Change Indicators, 2016; Figure A-8).

Figure A-8. Extreme One-day Precipitation Events in the Contiguous 48 States, 1910–2015



Source: EPA Climate Change Indicators, 2016

6.1.3 Sea Ice

Sea ice forms at approximately 28.8°F and melts from exposure to sunlight, warm air, and ocean currents. Arctic sea ice has been declining since satellite measurements began in 1979. Typically, sea ice reaches its minimum in September in the Arctic (Stewart et al., 2013). Sea ice extent in the Arctic has decreased at an average rate of 3% per decade. Models predict seasonally nearly ice-free northern waters by the 2030s or 2040s (Doney et al., 2014; USGCRP, 2017).

6.1.4 Glaciers

Globally, the amount of ice contained in glaciers has been declining every year for more than 20 years. This lost mass partially contributes to the observed rise in sea level (Hartmann et al., 2013). Current climate change scenarios predict continued rapid glacier retreat and may possibly lead to deglaciation of many areas in the next several decades (UNEP, 2008).

6.1.5 Sea Levels

The Global Mean Sea Level (GSML) has risen by about 7–8 inches since the late 1800s (Walsh et al., 2014; USGCRP, 2017) and has been rising at a rate of 0.14 inches per year since the early 1990s (Walsh et al., 2014; Rhein et al., 2013). According to the Intergovernmental Panel on Climate Change (IPCC), the rate of sea level rise from 1993–2003 was significantly higher than the average rate in the preceding 80 years (Rein et al., 2013). Models predict that if warming continues unabated, oceans could rise 0.3–0.6 feet by 2030, 0.5–1.2 feet by 2050, and 1.0–4.3 feet by 2100 (USGCRP, 2017).

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7.0 APPENDIX 3: POTENTIAL HEALTH IMPACTS OF CLIMATE CHANGE, BY CLIMATE CHANGE FACTOR

Climate Change Factor	Health/Environmental Determinant	Potential Health Impact
Mental Health and Wellbeing		
Temperature/ Ecosystem changes	• Changes to subsistence resources, transportation infrastructure, etc. • Changing recreational opportunities (positive and negative) • Changes to economic opportunities	• Increased cases of stress disorders, anxiety, depression • Increased rates of "maladaptive" coping, e.g., increased substance/drug (including alcohol) use • Increased economic indicators, such as median household income
Weather pattern changes	• Infrastructure damage due to extreme weather events	• Increased cases of stress disorders, anxiety, depression • Increased rates of "maladaptive" coping, e.g., increased substance/drug (including alcohol) use
Permafrost changes	• Infrastructure damage	• Increased cases of stress disorders, anxiety, depression • Increased rates of "maladaptive" coping, e.g., increased substance/drug (including alcohol) use
Sea level changes	• Erosion • Infrastructure damage	• Increased cases of stress disorders, anxiety, depression • Increased rates of "maladaptive" coping, e.g., increased substance/drug (including alcohol) use
Accidents and Injuries		
Temperature/ Ecosystem changes	• Decreased exposure to cold • Increased high temperature days • Increased wildfires (may decrease in some locations)	• Decrease in fatalities from cold-related exposures • Increase in heat-related hospitalizations • Increased burn injuries or deaths
Weather pattern changes	• Increase in flooding events • Potential increase in rock slides and avalanches (due to extreme weather events)	• Increase in injuries or drownings • Increase in accidents/injuries from rock slides, avalanches, etc.
Sea ice changes	• Increased "break-through" on waterways • Decreased sea ice extent	• Increase in fatalities due to drowning • Increased animal bite/exposures (with changes to wild fox habitat range)
Permafrost changes	• Increased damage to transportation infrastructure	• Increased accidents/injuries

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Climate Change Factor	Health/Environmental Determinant	Potential Health Impact
Exposure to Potentially Hazardous Materials		
Temperature/ Ecosystem changes	• Increased ozone • Increased rates, range and season for allergens • Increased dust • Increase of PM_{10} • Increase of $PM_{2.5}$ • Increase of CO_2	• Increased rates of respiratory disease • Increased rates of cardiovascular disease
Sea ice changes	• Increased exposure to spills • Increase of PM_{10} • Increase of $PM_{2.5}$ • Increase of CO_2 • Increase of NOx • Increase of SOx • Increase of black carbon	• Increased morbidity/mortality from exposure to hazardous materials (air, water, and soil hazards; natural and man-made) • Increased rates of respiratory disease • Increased rates of cardiovascular disease
Permafrost changes	• Increased mobilization and exposure to ground contamination (e.g., legacy wells, contaminated sites, salt water intrusion) • Increased potential for infrastructure damage (e.g., pipeline damage) and exposure to related materials (e.g., diesel) • Increased contamination levels in subsistence resources • Decreased air quality • Decreased surface and ground water	• Increased morbidity/mortality from exposure to hazardous materials (air, water, and soil hazards; natural and man-made • Decreased consumption of local food sources • Decreased access to health facilities (due to damaged infrastructure • Decreased rates of adequate water and sewer services (due to damaged infrastructure)
Food, Nutrition, and Subsistence Activity		
Temperature/ Ecosystem changes	• Changes to food security (changes in availability of local food sources) o Crop yields o Animal migration patterns o Plant diseases o Food costs • Decreased food quality (increased presence of contaminants • Decreased food quantity (increased presence of contaminants) o Decreased food security (increased presence of contaminants)	• Changes to consumption of local food sources (could increase or decrease, depending on resource)

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Climate Change Factor	Health/Environmental Determinant	Potential Health Impact
Sea ice changes	• Changes to food security (changes in availability of local food sources)	• Decrease in consumption of local food sources • Decreased access to safe food resources
Permafrost changes	• Decreased food security (decreased ability to store food [ice cellars, drying fish, etc.], decreased access to resources)	• Decrease in consumption of local food sources • Decreased access to safe food resources
Infectious Diseases and Toxins from Microorganisms		
Temperature/ Ecosystem changes (esp. changes in vector ecology); weather pattern changes	• Increased zoonotic diseases/vectors (e.g., bats) • Increased vectorborne diseases/vectors (e.g., mosquitoes, ticks) • Increased foodborne diseases • Increased waterborne diseases (flooding, etc.) • Introduction of new diseases	• Increased rates of vectorborne diseases e.g., rabies, West Nile Virus, Lyme disease • Increased rates of foodborne diseases e.g., PSP, domoic acid, *Vibrio parahaemolyticus*, botulism • Increased rates of waterborne diseases e.g., cryptosporidiosis, giardiasis
Permafrost changes	• Increased breeding ground for mosquitoes • Decreased adequate water and sewer services in households (due to damaged infrastructure) • Exposure to grave sites	• Increased rates of vectorborne diseases, e.g., West Nile Virus • Increased rates of waterborne diseases, e.g., cryptosporidium, childhood gastrointestinal illnesses
Non-communicable and Chronic Diseases		
Temperature/ Ecosystem changes	• Changing access to and availability of subsistence resources (shift from subsistence food consumption) • Changing access to recreational activities (could increase or decrease, depending on the activity • Insect bites/stings (e.g., wasp, bee) • Increased fungi, molds, etc. • Increased production of pollen and other allergens • Changes to abundance and seasonality of allergens	• Decrease in consumption of local food sources • Increased rates of obesity • Increased rates of diabetes • Change in leisure time physical activity (could increase or decrease) • Increased allergic sensitizations • Increased asthma episodes • Increased rates of respiratory disease
Permafrost changes	• Decreased food security (decreased ability to store food [ice cellars, drying fish, etc.], decreased access to resources)	• Change in consumption of local food sources (could increase or decrease, depending on resource) • Increased rates of obesity • Increased rates of diabetes

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Climate Change Factor	Health/Environmental Determinant	Potential Health Impact
	• Changing access to and availability of subsistence resources • Changing access to recreational activities (could increase or decrease, depending on the activity	• Change in leisure time physical activity (could increase or decrease)
Water and Sanitation		
Temperature/ Ecosystem changes	• Decreased water availability and quality (due to salinization of aquifers) • Increased algal blooms	• Decreased availability and quality of drinking water • Decreased surface water quality • Increased rates of PSP, *Vibrio parahaemolyticus*, domoic acid, etc.
Weather pattern changes	• Overwhelmed sewage systems • Damaged water and sanitation services • Decreased percentage of households with water and sewer service	• Increased rates of waterborne diseases (e.g., cryptosporidiosis, childhood gastrointestinal illnesses)
Permafrost changes	• Damaged water and sanitation services • Decreased percentage of households with water and sewer service	• Increased rates of waterborne diseases e.g., cryptosporidiosis, childhood gastrointestinal illnesses
Sea level changes	• Contamination of groundwater and/or surface water	• Increased rates of waterborne diseases (e.g., cryptosporidiosis, childhood gastrointestinal illnesses)
Health Services Infrastructure and Capacity		
Temperature/ Ecosystem changes	• Increased strain on health care infrastructure	• Decreased access to comprehensive care
Weather pattern changes	• Damage to health care infrastructure (due to extreme weather events) • Damage to transportation infrastructure • Damage to specific health clinics (due to extreme weather events)	• Decreased access to comprehensive care • Decreased number of health clinics • Decreased capacity of emergency services
Permafrost changes	• Damage to health care infrastructure • Damage to transportation infrastructure (esp. ice roads) • Damage to health clinics	• Decreased access to comprehensive care • Decreased number of health clinics • Decreased capacity of emergency services

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Health-Climate Planning that Strengthens Alaska's Rural Communities

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Project Summary Page

Project Title: Health-Climate Planning that Strengthens Alaska's Rural Communities

Project Location: Alaska statewide

Applicant Information: Alaska Municipal League
* One Sealaska Plaza, Suite 302, Juneau, Alaska 99801 * nils@akml.org * Ex. 6 - Personal Privacy (PP)

Brief Description of Applicant Organization: The Alaska Municipal League (AML) is a nonprofit that provides services to Alaska's local governments, focused on community and economic development, good governance, and strengthened resilience. AML is supporting federal relief implementation and compliance and provides technical assistance to communities seeking infrastructure investments. Services range from collection of sales tax to providing bookkeeping services, and AML hosts three conferences annually during which we share information and best practices. AML's mission is to strengthen local governments; our membership includes all cities and boroughs in the state, even as our relationships extend to tribal governments.

Small CBO Set Aside Track: No

Project Abstract: The project will utilize health impact assessments (HIAs) to evaluate the impact of climate change and natural disasters on disadvantaged communities in rural areas of Alaska, resulting in climate action and resilience plans for 25 communities. HIAs will be employed to develop the basis for future climate action and disaster resilience plans. AML will work with partners to develop a model for rapid implementation that is consistent with the limited capacity of these communities. This project will increase the competency of disadvantaged communities to participate in state and federal opportunities, including for federal infrastructure investments that require this level of planning and assessment. The project will include all coastal communities as part of its outreach and engagement, with 25 disadvantaged communities directly benefiting and dozens of others receiving best practices and training. Project activities include community engagement through a city's public processes, development of assessment and planning tools by the project team, assessment of health impacts of climate change, evaluation by the project team, development of climate action plan, and identification of potential state and federal investments. The objectives of the project are to produce a health impact assessment and climate action and resilience plan for each participating community, with outcomes that include increased public health and access to federal funding that improves living conditions.

Project Type: Facilitating engagement of disadvantaged communities in State and Federal public processes.

Special Considerations: Climate Change/Disaster Resiliency, Rural Areas, Health Impact Assessments

Environmental Issue: Climate and disaster resiliency and adaptation.

Project Partners: Partners include the Alaska Federation of Natives (Tribal government/ nonprofit), University of Alaska (academic) and the State of Alaska Department of Health and Department of Environmental Conservation (state government).

Development of QAPP: Yes.

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1.0 Program Objectives

b. Environmental and Public Health information of the Underserved Community

Description of underserved communities, and EJ impact

The project will serve those communities considered rural, where the majority population is often Indigenous, and residents adversely affected by persistent poverty, as defined in Executive Order 13985. Alaska coastal communities, in particular, are directly impacted by disproportionate environmental and public health harm and risks, as they experience the effects of climate change in a different way than land-locked communities. Residents are vulnerable to environmental risks including sea level rise, coastal erosion, tidal inundation, and flooding. Public health harm includes inequitable access to clean water and wastewater systems, solid waste management, and healthcare systems. These challenges impact multiple social determinants of health, especially the well-being of residents threatened due to loss of livelihoods and inadequate infrastructure.

Table 1 reflects the census tracts that include underserved communities considered coastal shoreline, and which will be prioritized as part of this project. All are coastal shoreline, and all are considered rural by their USDA RUCA score. Included here is data related to population and population density, whether they are Qualified Opportunity Zones under IRS tax code, are considered Areas of Persistent Poverty by USDOT, are Disadvantaged according to the Justice 40 initiative, or would qualify for the Low-Income Housing Tax Credit as Qualified Census Tracts as defined by HUD. The table on page 3 is abbreviated to reflect highest priority; the full table of coastal communities by census tract is included in the Appendix.

Included in the Supplemental Materials are the cities that would be included based on these census tracts. All coastal cities will be included in the project so that those with greater capacity and expertise can share lessons learned and contribute to the overall collaboration. The project will focus on 25 cities identified as underserved, resulting in climate action and resilience plans.

Environmental/public health issue(s) that the project seeks to address

Alaska's local governments experience firsthand the impacts of climate change and extreme weather events, even as residents depend on a healthy ecosystem for subsistence, cultural, and economic activities. Municipal officials are also concerned about and responsible for community resilience, though resource constraints limit the efficacy of their efforts. This project will strengthen their capacity for ecosystem and community resilience by providing additional resources that they might leverage and connecting municipal officials to others experiencing and experienced with resilience planning and impacts.

Recent and historic storms have highlighted the challenge of community resilience. News articles in the aftermath note both the long-time issues and the urgent needs of communities battered by Typhoon Merbok and facing a cold, hard winter.

- Typhoon Merbok spotlights Alaska's need for science and climate-resilient infrastructure
- Even before Merbok, Native Villages were in harm's way
- In recovery after storm, Alaska faces hard days ahead
- Residents in an Alaska village try to outrun the effects of climate change

These articles reference the rural and underserved communities impacted by climate-related natural disasters such as this storm, and the related municipal infrastructure, including the role of schools as safe meeting locations, need to protect water and sewer infrastructure, as well as bulk fuel storage and power systems.

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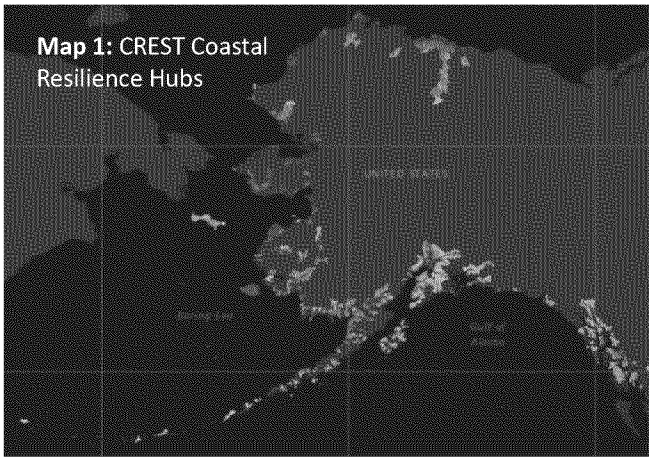
Table 1: Evaluation of Disadvantage Status by Census Area.

City/Borough	Population 2020	Density per square mile	QOZ	APP	Disadvantaged (Justice40)	QCT (LIHTC)
Priority 1: North and Western (a portion included in Rural Partners Network)						
Bethel Census Area	10209	0.48	No	Yes	Yes	Yes
Dillingham Census Area	2660	0.14	No	Yes	Yes	Yes
Kusilvak Census Area	8368	0.49	No	Yes	No	Yes
Nome Census Area	5840	0.26	Yes	Yes	Yes	Yes
North Slope Borough	4452	45.52	No	No	Yes	No
North Slope Borough	2503	0.03	Yes	No	Yes	No
Northwest Arctic Borough	4446	0.13	Yes	Yes	Yes	Yes
Priority 2: Southwest & Central						
Aleutians East Borough	3425	0.49	Yes	No	No	No
Aleutians West Census Area	969	0.29	Yes	No	No	No
Kenai Peninsula Borough	483	0.06	Yes	Yes	Yes	Yes
Kodiak Island Borough	1864	0.29	No	No	Yes	No
Lake and Peninsula Borough	1375	0.06	No	No	Yes	No
Priority 3: Southeast (included in Rural Partners Network)						
Haines Borough	2518	1.09	Yes	No	No	No
Hoonah-Angoon Census Area	47	33.57	No	No	Yes	No
Hoonah-Angoon Census Area	2085	0.28	Yes	No	No	No
Prince of Wales – Hyder Census Area	2284	0.66	Yes	No	Yes	No
Prince of Wales – Hyder Census Area	1635	12.31	Yes	No	No	No
Wrangell	2484	0.98	Yes	No	No	No

AML received a number of calls from impacted communities, as they sought answers and help. Our direct contact with municipal officials helped the State's emergency response team with firsthand knowledge of needs and priorities. AML hosted calls with local government officials in the aftermath and connected them to emergency response professionals with a local government background. It is increasingly common for AML to provide direct support to communities looking for answers.

At the same time, AML has been supportive of the Alaska Municipal Climate Network (AMCN) that is facilitated by the University of Alaska, and working toward assessment of which few communities have climate action plans. While nascent activities, AML is placing a priority on this effort as threats to community resilience increase. Climate resilience includes protect-in-place and community-driven relocation efforts, which have been exacerbated by recent storms.



Map 1: CREST Coastal Resilience Hubs

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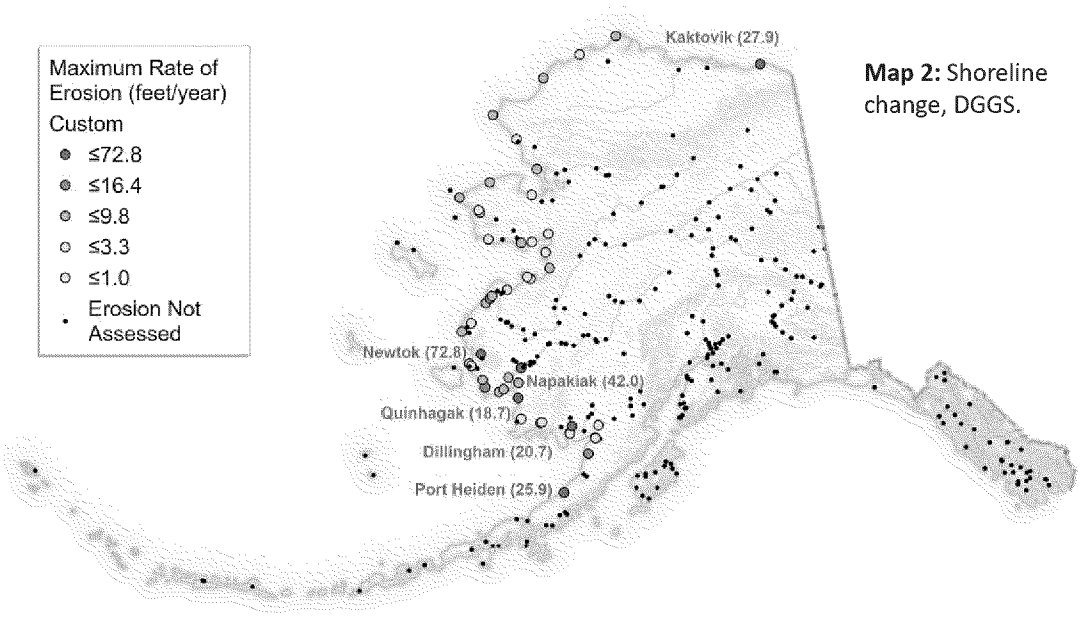

Map 2: Shoreline change, DGGS.

Asset management is increasingly used by utilities to comprehensively guide their risk and infrastructure management activities. However, these programs may be lacking in risk considerations surrounding identification of critical customers, environmental justice, equity concerns, and full consideration of differing consequences of failures to different sectors of society. Disadvantaged neighborhoods are often more at risk of impacts from water system disruptions and emergency events. Similarly, when service is disrupted, they may be out of service for longer time periods than the wider system, and their limited resources may result in greater impacts from outages than those experienced by other communities. This disparity affects access to reliable water infrastructure, the impacts of which lead to other social, health, and economic pitfalls that already under-resourced communities can never truly recover from— even after water services are restored. Asset management programs need enhancements in these practice areas to address equity and environmental justice concerns in managing utility assets.

Environmental/public health results of project and community benefits

Project activities will strengthen the resilience of underserved communities and the ecosystems they depend on by providing new and additional tools, resources, and expertise to local government officials. Community leaders often feel unable to effectively address climate challenges or resilience efforts, lacking the resources and the authority to directly mitigate the worst or plan for the best. By providing a platform for engagement and learning, identifying communities' capacity needs, working toward growing available resources, and assisting with planning efforts, this project will strengthen local governments and their ability to foster resilience of ecosystems that their communities depend on.

Coastal communities depend heavily on the marine environment and require a healthy marine ecosystem as well as coastal habitats. While fish species are of particular importance, it is worth noting the significance of marine mammals, birds, and other species that rely on coastal habitats to thrive. Residents depend on these for food security, economy and jobs, and as cultural assets for indigenous peoples. The underserved communities participating in the project will have the opportunity to identify and prioritize habitats and species of particular importance to residents and their quality of life and include in resilience planning ways in which these can be sustained.

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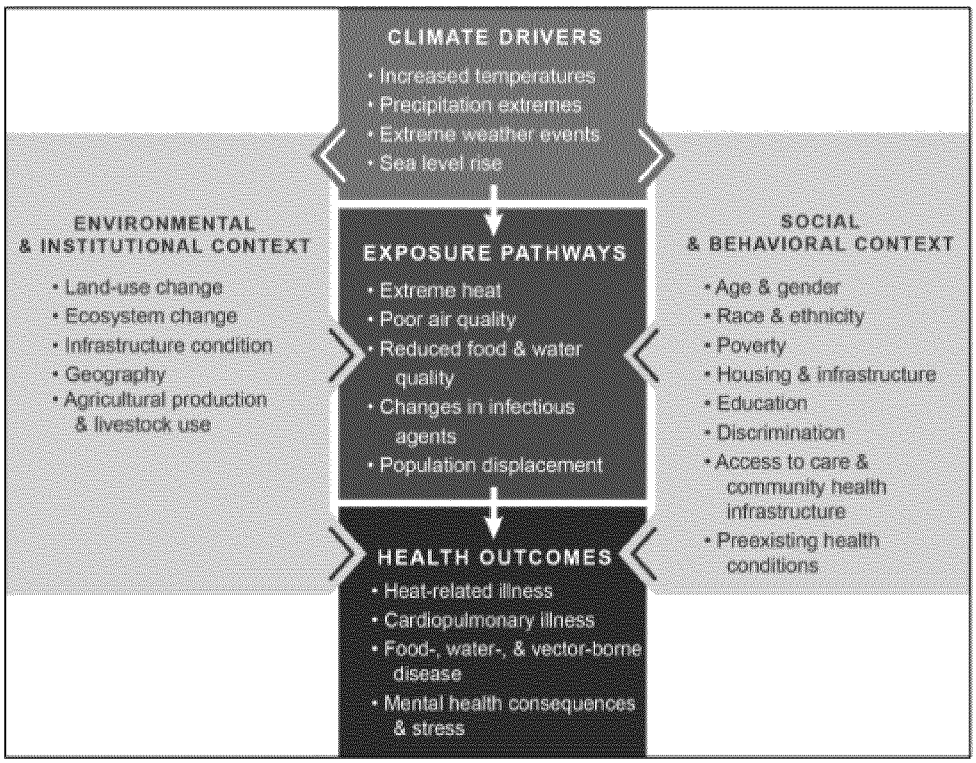
Climate Action and Resilience Plans will reflect the Social Determinants of Health (SDH) and environmental justice within coastal communities. The National Center for Chronic Disease Prevention and Health Promotion (NCCDPHP) notes that breaking down barriers to health equity by addressing SDH remains a top priority, as they are strongly tied to chronic disease conditions and communities that are most affected (reference). AML's Cities of Opportunity program, a cohort approach to addressing SDH, is structured around building blocks that reflect a community's living conditions that are determined by the relative health of all four of these environments:

- Physical environment – land use, transportation, housing, pollution, recreation
- Social environment – urban/rural, safety, equity, diversity, media, civic engagement
- Economic and work environment – employment, income, retail businesses
- Service environment – education, health care, social services, childcare

The State of Alaska Department of Health (DoH) produced an assessment in 2018 of the potential health impacts of climate change in Alaska (reference). This assessment notes that there are several different pathways by which climate change can affect health, including direct impacts such as injuries caused by fires or storm surges, and indirect impacts such as changes in quantity and quality of subsistence foods. It includes a list of public health impacts to plan for and develop strategies in response to:

- Mental health and well-being
- Accidents and injuries
- Exposure to potentially hazardous materials
- Food, nutrition, and subsistence activity
- Infectious disease and toxins from microorganisms
- Chronic and non-communicable diseases
- Water and sanitation
- Health services infrastructure and capacity



Intersection Between Resilience and Health Impact Assessments.

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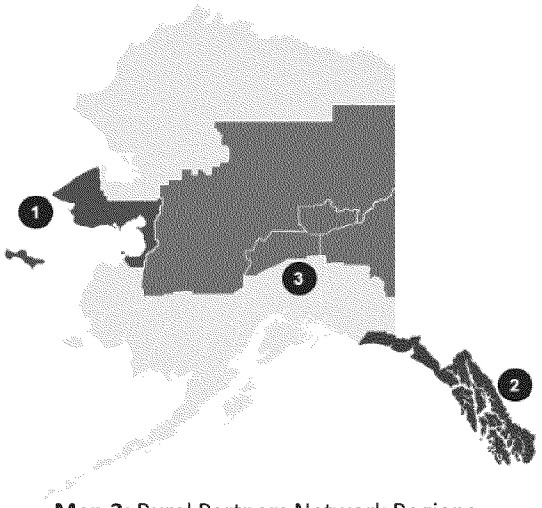
Addressing SDH is integral to any strategy to achieving health equity. Moreover, inequities in these social and environmental conditions are dictated by local policy and practice decisions, and accordingly could benefit immensely from HIA.

Relation to Health Impact Assessment, Rural Areas, Climate, or Disaster Resiliency

All of the project communities will be rural, including two of the regions (1 and 2 in Map 3) in Alaska that are included in the USDA Rural Partners Network.

The project will utilize a version of the rapid appraisal Health Impact Assessment (HIA) as a tool (Dept. of Health Toolkit) to evaluate the adequacy of current hazard mitigation plans or other community planning documents (i.e., comprehensive plans, climate adaptation plans) and utilize the outcomes to develop a model climate and resilience plan with participating communities. This will be framed around SDH and in relation to climate and resilience planning.



Map 3: Rural Partners Network Regions

HIA is not used regularly at local levels to assess potential health impacts of policy decisions as part of standard practice. Rather, it is used mostly on a voluntary basis by only a few local agencies, usually in collaboration with the State. For example, based on a 2016 review of publicly available data tracking all HIAs conducted in the US, just 53 city/county health agencies had served as the lead/authoring partner for an HIA since 1999, with 90 total HIAs completed among them (reference). A core feature of HIA is that it can be used to assess any type of policy, program, project, or plan, including zoning, land use, community development, and housing—all elements, for example, that shape distributions and patterns of place-based SDH exposures, experiences, and opportunities. This process at the community level will be extremely important to improve community resilience in the face of climate change.

The EJScreen images (see page 8) produced to determine high percentiles of people of color, as a measure of equity, compares Alaska's 66,000 miles of coastline with that of the West Coast's 1,293 miles, demonstrating just how much of Alaska's geographic area falls within this consideration relative to elsewhere in the nation.

c. Organization's Historical Connection to Underserved Community

The history of AML's involvement with underserved communities

AML is a membership-based service provider, with a 70-year history of delivering resources to Alaska's local governments. That history includes helping to write some of Alaska's most critical statutes related to local government, collaborating with state agencies to share information and support communities, and hosting annual events that deliver the latest resources to community leaders. That history relies on strong governance, with an active board of directors committed to strengthening local governments, representation from across the state, including robust rural participation from this project area, and continuity across time. Staff are experienced communicators and regularly deliver small and large-scale projects on behalf of members. Members of AML benefit from shared services and technical assistance that the organization is increasingly able to offer, and in response to federal priorities and opportunities.

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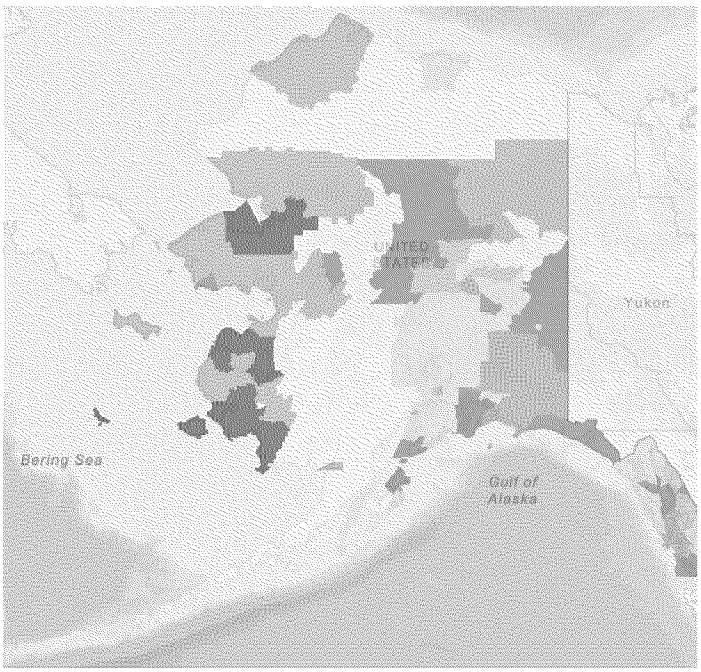



EJScreen maps of West Coast and Alaska Coast.

AML's history of working with communities to address environmental and public health issues

AML has worked to engage and support coastal communities through a caucus structure over the last three years. At the same time, in partnership with the Alaska DoH, we have hosted monthly webinars focused on public health concerns of communities. While these emerged as useful during the State's response to COVID, which was accomplished by working closely with local governments, they have continued as part of a collaborative effort to understand and work to address public health concerns. This program has included presentations about HIAs.

AML's annual conference, attended by the majority of AML members, is the most common convening of communities that we host. Within these annual events, we share best practices and trainings on topics that include (based on 2022 program): strategic planning, electric grid resilience, managing through community growth, comprehensive economic development strategy, digital equity, housing task force, affordable housing, transportation funding opportunities, municipal and tribal collaboration, land use policy, regional infrastructure planning, and the coastal caucus. Our winter conference included a presentation on human health criteria and wetlands permitting.

AML's Cities of Opportunity program works with 10 local government emerging leaders in a cohort model that focuses on SDH. Half of the participants are from coastal communities, with one specifically working on a HIA, while the others are involved in community and economic development planning.

More recently, AML has worked with communities to implement federal COVID relief funding successfully, and to apply for federal investment opportunities under the BIL. Communities have been able to use information from AML outreach and communications to better respond to equity and disadvantage in their communities. This preparation has resulted in greater ability to

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be successful in federal grant applications. Seven communities were successful in applying for USDOT's Safe Streets program, which will result in equitable approaches to safety planning in rural communities. AML's support meant that more communities applied for community wildfire planning and hazard mitigation planning funding from state agencies.

By providing local governments direct access to public health officials, Alaska managed to have relatively lower death rates (per 100,000) of COVID than other states.

Community Driven Participation

Cities that participate in this project will be able to work together on common interests, to address challenges specific to coastal communities, and to share in the development of solutions that respond to their needs and leverage their capabilities. In fact, in 2021, dozens of coastal communities came together and produced the following list of actions they could work together toward. This project will build on that effort and coalesce the interest into a platform for continued dialogue and capacity-building.

Coastal caucus priorities included the following resilience-related topics:

- Future of the Alaska Marine Highway System, which 34 coastal communities depend on
- Value and sustainability of fisheries, including bycatch review
- Port system development and infrastructure needs and prioritization
- Ocean research
- Social vulnerability, including housing shortages and onshore economic activity
- Water and wastewater system improvements
- Waste disposal, landfill management, and recycling
- Oil spill disaster response and planning
- Storm and tsunami warning and response

Clearly, while those participating in initial meetings were focused on marine transportation and ports and harbor infrastructure, the expansion and formalization of this group of coastal communities will result in greater diversity of topics and the ability to prioritize based on project goals. Municipal officials in these communities will have an active role in shaping future discourse and the ways in which the project will be implemented.

d. EJCPS Model

This project will focus on EJCPS Element 2 – Community Capacity-Building and Leadership Development. Coastal community leaders have already identified a vision and goals for community resilience, often expressed in their hazard mitigation plan or climate action plans, or other municipal planning documents. Building off the efforts already undertaken for CPS Model Element 1, this project will strengthen the ability for municipal leaders to accomplish their goals by providing additional capacity-building tools and leadership development.

By utilizing a HIA, community leaders will have access to an increased amount of information and understanding of the issue, including potential solutions. Technical assistance will be provided to support community efforts to develop strategies to address next steps in the CPS model, including consensus building, partnership development, and stakeholder engagement.

e. Project Linkages to EPA Strategic Plan

AML has long understood the challenges faced by Alaska's rural and disadvantaged communities, and argued for the need to focus resources more intensely in support thereof. EPA's commitment to taking decisive action to advance environmental justice and civil rights fits well within the scope and scale of need in Alaska, to address the inequities of and strengthen underserved and

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threatened communities in Alaska. EPA specifically calls out non-contiguous states in its strategic plan, a reference that speaks to the need to bring parity to our nation's communities by working to "achieve measurable environmental, public health, and quality of life improvements in the most overburdened, vulnerable, and underserved communities." The impact of climate change on Alaska's coastal communities, the majority of whose residents are Indigenous, is a real threat to resilience, which speaks to Executive Order 14008, as well.

This project leverages the responsibilities of local governments and the potential leadership they can bring to advancing environmental justice, even as it recognizes the limited capacity they have to do so in most instances. By strengthening local governments – providing them tools and technical assistance – and enhancing their ability to cooperate with federal, state, and Tribal partners, the project can increase the benefits to overburdened and underserved communities in Alaska.

AML is in a unique position to facilitate the connection between local governments representing rural coastal communities and government programs, and to work with government programs to listen and respond to community voices. This aligns well with EPA's strategies for implementing Objective 2.1. At the same time, the project's scope includes a review of equity and environmental justice as it relates to land management, transportation and housing, and publicly owned facilities.

f. Partner and Collaborate

Description of how the project will accomplish its goals through partnerships

AML is pleased to collaborate with the State of Alaska Department of Health (DoH) and Department of Environmental Conservation (DEC), as well as with the University of Alaska Anchorage (UAA). These partners will support the development of Health Impact Assessment (HIAs) in partner communities by helping identify available data sources and information related to the intersection of public health and climate change impacting communities in Alaska. UAA will support the development of adaptation activities in the community Climate Action and Resilience Plans (CARPs). This project team will collaborate to develop a model or template CARP for use by the project and through coordination with DoH to use the Health Impact Assessments (HIAs) from each partner community to facilitate conversations around developing and prioritizing locally- and culturally relevant resilience strategies. AML will work with UAA to develop a database of potential adaptation strategies to address vulnerabilities identified in the HIAs and will co-develop criteria for prioritizing these strategies with community partners. AML, DEC, and UAA will recommend strategies for monitoring and evaluation of implementation of final adaptation strategies and will review final plans for technical accuracy. The partners will rely on project staff from AML for project management, coordination of community meetings, and management, design, and sharing final community deliverables such as the HIAs and community CARPs. AML is also responsible for stakeholder engagement, working through its membership and existing relationships to maximize the impact and outreach.

Identification and description of all partners involved

Alaska Department of Health

- Role: Technical assistance to identify public health issues and to help manage the HIA process to be conducted in communities.
- Stakeholder Group: State government
- Resources brought: DoH has an HIA toolkit that will be made available and adapted by the project team. DoH will contribute in-kind staff time as part of this project.
- Vested interest of partner: DoH is committed to advancing public health as part of its mission, and supporting those implementing community-level action through HIAs by providing subject matter expertise.

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- How AML will maintain and sustain relationship: AML has a current memorandum of understanding with the Department, which will continue into coming years as a way to strengthen collaboration between State and local health officials.
- Compliance with 2 CFR 200 if subaward: Not applicable.

Alaska Department of Environmental Conservation
- Role: Technical assistance related to environmental justice and to engage on GHG inventory and climate action planning work conducted under EPA's Climate Pollution Prevention Program.
- Stakeholder Group: State government
- Resources brought: Data and expertise related to greenhouse gas emission and air pollution challenges, EPA climate action plan funding, and access to a range of experts in meeting environmental justice and public health goals.
- Vested interest of partner: Deliver climate action plan on behalf of State.
- How AML will maintain and sustain relationship: AML and DEC are working toward a contract to support climate action planning in Alaska, and this collaboration is anticipated to occur over the next four years at least.
- Compliance with 2 CFR 200 if subaward: Not applicable.

University of Alaska Anchorage – Institute for Circumpolar Health Studies (ICHS)
- Role: Technical assistance related to HIAs and climate action and resilience planning (adaptation activities, monitoring, and evaluation).
- Stakeholder Group: Academia
- Resources brought: UAA offices are equipped with networking, video, and teleconferencing capabilities and staff have access to licenses that include an extensive range of software such as, SPSS, Stata, SAS, Adobe Creative Suite, Nvivo, Qualtrics, ArcGIS, and REDCap. ICHS maintains locked filing cabinets in secure offices for sensitive data, and electronic files are housed on a server that meets Health Insurance Portability and Accountability Act (HIPAA) requirements. The UAA IRB works collaboratively with the Alaska Area IRB, which reviews research with Alaska Native people in the Alaska Tribal Health System.
- Vested Interest: ICHS has a mission to improve the health of the people of Alaska and the Circumpolar North through instruction, information services, and basic and applied research in health and medicine.
- How AML will maintain and sustain relationship: The University of Alaska is a member of the Alaska Infrastructure Coordinating Committee, of which AML is the host. Together UA and AML collaborate to maximize the benefits to Alaska from federal infrastructure investment.
- Compliance with 2 CFR 200 if subaward: Yes

Alaska Federation of Natives (AFN)
- Role: To encourage Tribal engagement in LRPCs, including EPA Indian Environmental General Assistance Program (GAP) coordinators.
- Stakeholder Group: Nonprofit and Tribal organization.
- Resources brought: AFN membership is comprised of Tribal governments, and Alaska Native regional and village corporations. AFN has 12 regional navigators that assist with community engagement and project identification for infrastructure funding.
- Vested Interest: AFN is committed to advancing environmental justice and equity in Alaska Native communities.
- How AML will maintain and sustain relationship: AFN is a member of the Alaska Infrastructure Coordinating Committee, which AML is the host of. Together AFN and AML have State funding to provide technical assistance to local and Tribal governments.
- Compliance with 2 CFR 200 if subaward: Not applicable.

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2.0 Project Activities / Milestone Schedule / Detailed Budget

a. Project Activities

Project activities will rely on the establishment of a community stakeholder advisory body, which will be called the Alaska Municipal Coastal Resilience Council (AMCRC). Stakeholder engagement is critical to project success and the AMCRC will invite representatives from each coastal community to participate in project coordination and activities, and ultimately shape the outcomes. The AMCRC will meet quarterly virtually and in-person at the AML annual conference, with sessions featuring progress and planning updates and discussion, as well as content delivery related to climate and disaster planning, resilience strategies, social determinants of health, and environmental justice.

While the AMCRC features broad inclusion of local government officials, the project team will work through this body to identify resilience leads in 25 communities, who will commit to forming and sustaining a Local Resilience Planning Committee (LRPC). These committees will be part of a project cohort, then, and provided with additional resources related to resilience planning. Travel scholarships will be available for team leads to attend in-person activities during the AML annual conference and other types of training activities as available.

AML will work with the Alaska DoH to adapt the 2015 HIA toolkit for community use, leveraging the rapid appraisal approach. AML staff will work with DoH to identify existing data and relevant SDH information to be included in draft HIAs for each community, thereby populating these as much as possible up front. AML and DoH staff will conduct stakeholder engagement interviews with and through the LRPCs to complete the HIA process. Drafts will be shared with the LRPC and feedback from the community incorporated into the final versions for each of the 25 communities.

AML will work with UA partners to review examples of CARPs that demonstrate best practices nationally, and consistent with EPA strategic goals. The project team will develop a model plan for participating communities, a streamlined approach that will ensure efficacy of implementation. The project team will bring in the results from each community's HIA, and coordinate with the State agencies developing greenhouse gas emission inventories and a statewide climate action plan to incorporate and cross-reference data collected on that front, which the HIA will complement. The LRPCs will host community meetings to discuss climate action and resilience priorities and strategies, the output of which will be included in the plans that will be released to the LRPC and community for review and feedback. The project team will finalize all climate action and resilience plans, deliver to the governing body of each community, and support local ordinance or resolution of adoption.

Throughout the project there will be education and outreach to coastal communities, with lessons learned shared to all local governments in Alaska. HIAs and CARPs will be shared with State and Federal agencies and engagement opportunities provided for further learning. Participating communities will benefit from grant identification and support, also, to implement plans.

b. Milestone Schedule - see next page

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	Task / Sub-Task / Milestone	23 Q2	24 Q3	24 Q4	24 Q1	24 Q2	25 Q3	25 Q4	25 Q1	25 Q2	26 Q3	26 Q4	26 Q1	26 Q2
1	**Establish Municipal Stakeholder Advisory Committee**													
1.1	Invite participation of coastal communities													
1.2	Develop governance and project coordination for planning activities													
1.3	Identify capacity building activities for participating communities													
1.4	Schedule webinars, calls, and training related to climate, resilience, and EJ (broad)													
M1	**Stakeholder advisory committee completes organization**													
2	**Engage Local Resilience Planning Committees**													
2.1	Select cohort of 25 communities to host local resilience planning committees													
2.2	Identify resilience leads in each participating community													
2.3	Develop agreements to participate in HIA and climate resilience planning.													
2.4	Deliver technical assistance to committees (SDH, climate, HIA)													
2.5	Facilitate resilience planning activities (specific to community)													
M2	**LRPCs complete participation agreements**													
3	**Health Impact Assessments conducted**													
3.1	DoH rapid appraisal HIA adapted for community use													
3.2	Existing data review and analysis with DoH													
3.3	HIA interviews conducted with stakeholder engagement													
3.4	Draft HIAs finalized by project staff and reviewed by LRPCs													
3.5	Feedback incorporated and final drafts shared with communities													
M3	**HIAs completed in 25 communities**													
4	**Community Climate Action and Resilience Plans**													
4.1	Work with University to develop model for community plan													
4.2	Include HIA data and analysis in climate action and resilience plan													
4.3	Coordinate with State agencies on emission inventory efforts													
4.4	LRPCs host community meetings on strategic recommendations													
4.5	Draft plans released to communities for review and feedback.													
4.6	Incorporate community input for final plan.													
4.7	Support local ordinance or resolution adopting final plan.													
M4	**Climate Action and Resilience Plans completed in 25 communities**													
5	**Technical Assistance and Stakeholder Engagement**													
5.1	Stakeholder advisory committee meets quarterly													
5.2	Education opportunities for all local governments at AML annual conference													
5.3	Identify and share state and federal funding opportunities with communities													
5.4	Share HIA and Climate Plans with state and federal agencies													
5.5	Communicate progress and learning to all local governments													
M5	**Communities report increased public health and environmental justice awareness**													

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c. Itemized Budget Sheet / Budget Narrative – Included as required attachment.

3.0 Environmental Results: Outputs, Outcomes, and Performance Measures (Logic Model)

a. Environmental Results (Logic Model) – Included as required attachment.

b. Performance Measurement Plan

This project will monitor and report progress toward achieving expected project outputs:

- **Resilience Planning:** AML will track the number of training courses held and the attendance by municipal officials at training courses. Tracking will also occur for materials produced and resilience plans implemented at the community level. Progress will be measured in implementation of resilience plans that account for climate change and environmental resilience.
- **Technical Assistance:** AML will track participation, including attendance at regularly scheduled meetings or trainings, responsiveness to requests for information, and use of recommended tools. Progress will be measured using an established capacity assessment tool.
- **Outreach and Support:** AML will track all outreach activities, number of respondents, and technical assistance provided with a spreadsheet, by community. Progress will be measured by utilization of available resources.

AML will develop a monitoring plan template as part of this project, for communities whose resilience planning efforts result in climate action plans. Thus, if future implementation is considered as a result of project activities, the development of a monitoring plan will contribute to the capacity of a community to be successful.

c. Sustainability Plan and Community Vision

AML's coastal caucus identified greater opportunities for collaboration as a priority more than three years ago. They have met annually, with a goal to "connect and strengthen their position relative to State and federal programs and participation." The group has acknowledged their diversity as well as their common interests. That fits well within the scope of the EJCPS. AML's hosting of this group can be formalized through this project, with an expansive view of resilience that includes the social determinants of health. Many of the issues the group has identified revolve around natural resource management, sustainable infrastructure development, and community livability.

AML will utilize the activities and deliverables of this project to advance the goals of these communities. The products of this project will set the stage for a long-term platform in which coastal communities can deliberate and work together to move forward into implementation.

A cohort approach to climate action planning is scalable to other regions of the state. There is an economy of scale that comes from shared learning and planning activities that the project team recognizes and believes could be replicated. In fact, this model is not new – organizations such as the International Council for Local Environmental Initiatives (ICLEI) offer an integrated climate action planning cohort that is developed specifically for local governments to participate in and work together to address shared goals. Similarly, Indiana University hosted a Resilience Cohort, to help local government leaders measure and reduce greenhouse gas emissions and implement climate resilience strategies. This application within Alaska is promising, then, to build from in the future.

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4.0 Programmatic Capability

a. Organizational Experience

AML's membership is comprised of all local governments in Alaska, which makes the opportunity for community engagement unparalleled. AML staff work regularly with municipal officials in Alaska communities and depend on them to provide input into AML processes reflective of the needs of local governments. AML's annual local government conference includes multiple sessions related to environmental efforts and community engagement. As an example, in 2022 we included:

- Local Government Strategic Planning
- Managing Effectively through Community Growth
- Working within Alaska's Comprehensive Economic Development Strategy
- Equitable Infrastructure Development
- Land Use Policy and Economic Development
- Municipal and Tribal Collaboration

Project staff have experience working on environmental issues, including hazard mitigation, water and wastewater management, and erosion. Staff also regularly engages with the Alaska Municipal Climate Network.

This project will depend on the ability of current management and project coordinators to implement a new program that rests on AML's strengths – the nimble ability to respond to where local governments needs are greatest. It will mean adding a new staff member and scaling current operations to support municipal governments in a new way. AML has a track record of delivering successful projects to and in support of Alaska's communities and intends to utilize these strengths to achieve the project objectives in a timely manner.

b. Staff Experience / Qualifications of Project Manager (PM)

Why the PM and associated staff are qualified to undertake the project

The following management team will be integral to the development and implementation of this project. Resumes for staff can be found in the attachments.

- **Nils Andreassen,** AML's Executive Director, has worked with communities across Alaska for more than 15 years, including to serve in a management role at nonprofit organizations for 10 years. Nils has contributed to State efforts and helped draft its Arctic policy, as well as its Climate Action Plan. In prior roles working on Arctic issues, Nils managed international efforts in support of the Sustainable Development Working Group (SDWG) and Protection of the Arctic Marine Environment (PAME) of the Arctic Council, including to help map Arctic infrastructure, host the Arctic Energy Summit, and organize the Arctic Mayors Roundtable. Nils serves on the Denali Commission, served on the Governor's Broadband Task Force, and is on the board of directors of the National League of Cities (NLC). His role in this project is to maintain and cultivate relationships that strengthen delivery of the program, assist with outreach to communities, and contribute input into the strategic direction and deployment of the project.
- **Erin Reinders**, AICP, has been a municipal planner and manager for more than two decades and joins AML as the Director of Infrastructure Deployment, to assist communities with BIL implementation and planning. Throughout her time in the public sector, Erin has been involved in community planning and community engagement processes, which included the development of Land Use Plans, Sustainable Action Plans, and Hazard Mitigation Plans for local governments and regional Transportation Plans. She developed zoning ordinance updates and

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municipal code revisions to promote more sustainable development to help bring those plans into reality. Erin successfully advocated for the communities she served on regional, state, and federal levels. She paid particular attention to aligning community needs and priorities with grant and assistance opportunities, understanding organizational capacity challenges. Erin found partnering with and supporting other organizations in efforts to seek funds or support assistance to be particularly rewarding and effective. Erin has worked with other governmental entities and a transit authority to bring forth transportation improvements benefiting an entire region, and with a local Tribe in obtaining support to complete a community wide civil affairs and infrastructure assessment.

- **Micah Hahn**, PhD, MPH, is an Associate Professor of Environmental Health in the Institute for Circumpolar Health Studies, University of Alaska-Anchorage focusing on the health impacts of climate change and working with communities to develop locally-relevant adaptation strategies. As an epidemiologist, she uses mixed-methods to answer interdisciplinary, applied questions around climate-related exposures. She has developed models to assess the impact of wildfire smoke and extreme heat on in Alaska and ecological models to assess associations between climatological variables and West Nile virus incidence and the tick vectors of Lyme disease in the continental U.S. She is currently funded by the EPA STAR program to work with Alaskan communities to develop a state-wide climate and health tool focusing on wildfire and wildfire smoke to assist communities with climate adaptation planning. She also facilitates the Alaska Municipal Climate Network, a group of municipal representatives from Alaskan communities who are working on climate activities and previously worked with the Municipality of Anchorage to develop their Climate Action Plan.

Illustrating the PM's ties/historical connection to the community and the applicant organization.

As the project manager, AML has a significant connection to participating communities. That history extends to pre-Statehood. Participating communities are all members of AML, too, so there is a strong relationship of mutual benefit and interest shared between the organization and municipality. Erin Reinders, as the staff responsible as the project manager, has been the city manager for the City of Unalaska, a coastal community. Another AML staff member has served in this capacity at one of the smallest coastal communities Alaska has, in Cold Bay. These team members have conducted strategic planning and public administration in coastal communities and are knowledgeable about challenges and methodologies to be successful in this environment.

c. Expenditure of Awarded Grant Funds

The AML grants management and compliance staff provides comprehensive grants administration; coordinates reporting activities with project managers; ensures effective financial management programs; coordinates regular grant activities; works with staff and external funding agencies to ensure project goals and objectives are met, ensures timely submittal of progress reports and closeout data; and coordinates with project managers and accountants to manage grants according to granting agency regulations. All internal and external financial reporting is completed in collaboration with program managers. AML procurement and contracting staff work with program managers to ensure that appropriate scopes of work and performance and compliance requirements are incorporated into all contracts via a contracts procurement and management system.

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5.0 Past Performance

Demonstrated ability to successfully complete and manage agreements

Over the last four years, AML has played a significant role in strengthening the effectiveness of federal and state relief and investment into Alaska local governments and Tribes. AML has also partnered with the State of Alaska to build better service delivery at the local level, cultivate State-municipal relationships, and provide local input into State decision-making.

1. AML provided direct assistance to local governments that received federal CARES Act assistance through the State, and assisted with compliance and reporting, thereby ensuring that communities' implementation of CARES funds was successful AML partnered with the Alaska Federation Natives (AFN) to additionally support Tribal governments in their implementation and reporting. Local governments contributed more than $400,000 to this effort.
2. AML has provided ARPA compliance and reporting support for Alaska local governments and Tribes. This has meant extensive outreach and coordination, training, and work with city and Tribal councils and administrators across Alaska. AML collaborated with nonprofit partners to secure nearly $300,000 to support the technical assistance provided.
3. AML has a memorandum of agreement with the State of Alaska's Department of Health, to act as a local government liaison and provide stronger linkages between local governments and the Division of Public Health.
4. AML has a memorandum of agreement in place with the Alaska Department of Transportation and Public Facilities to serve as an intake center for all local transportation projects that will be competing for federal BIL grant awards. This includes careful reviews, strategic guidance, and feedback to strengthen the competitiveness of applications. The value of this MOA is between $200,000 and $1 million a year over these next five years.
5. AML has a $1.5 million grant (in the FY23 budget) from the State of Alaska to support technical assistance and grant writing for communities to access and manage BIL funding.

AML completes a successful financial audit each year, as well, and complies with all state and federal laws and regulations in its organizational capacity. AML's annual budget for FY23 is $3 million; this project represents a reasonable growth of that budget and would be administered by current financial staff that include a controller and accounting technician. Our Director of Programs (resume included for Alicia Hughes-Skandijs) is responsible for grant management and compliance.

History of meeting reporting requirements of agreements

AML has completed timely reporting requirements, including monthly reports that have required data exports, summaries of engagement, and review of activities. Final reports have included financial reporting and outcome evaluation. AML worked with the State OMB to ensure that local governments in Alaska submitted monthly CARES Act reports and closed out their final reporting. With recent ARPA annual reporting, AML ensured that all 165 cities and boroughs in Alaska had completed their report, calling each and working with them to finalize and submit, including to work with U.S. Treasury to problem solve and address submission challenges. Beyond AML's direct experience, each of the staff involved has deep experience in meeting reporting requirements and producing acceptable final technical reports. That includes reporting on federal grants to the State and to municipal government, and by nonprofits. AML is familiar with the requirements of 2 CFR 200, having provided guidance to local governments in their administration of federal funds.

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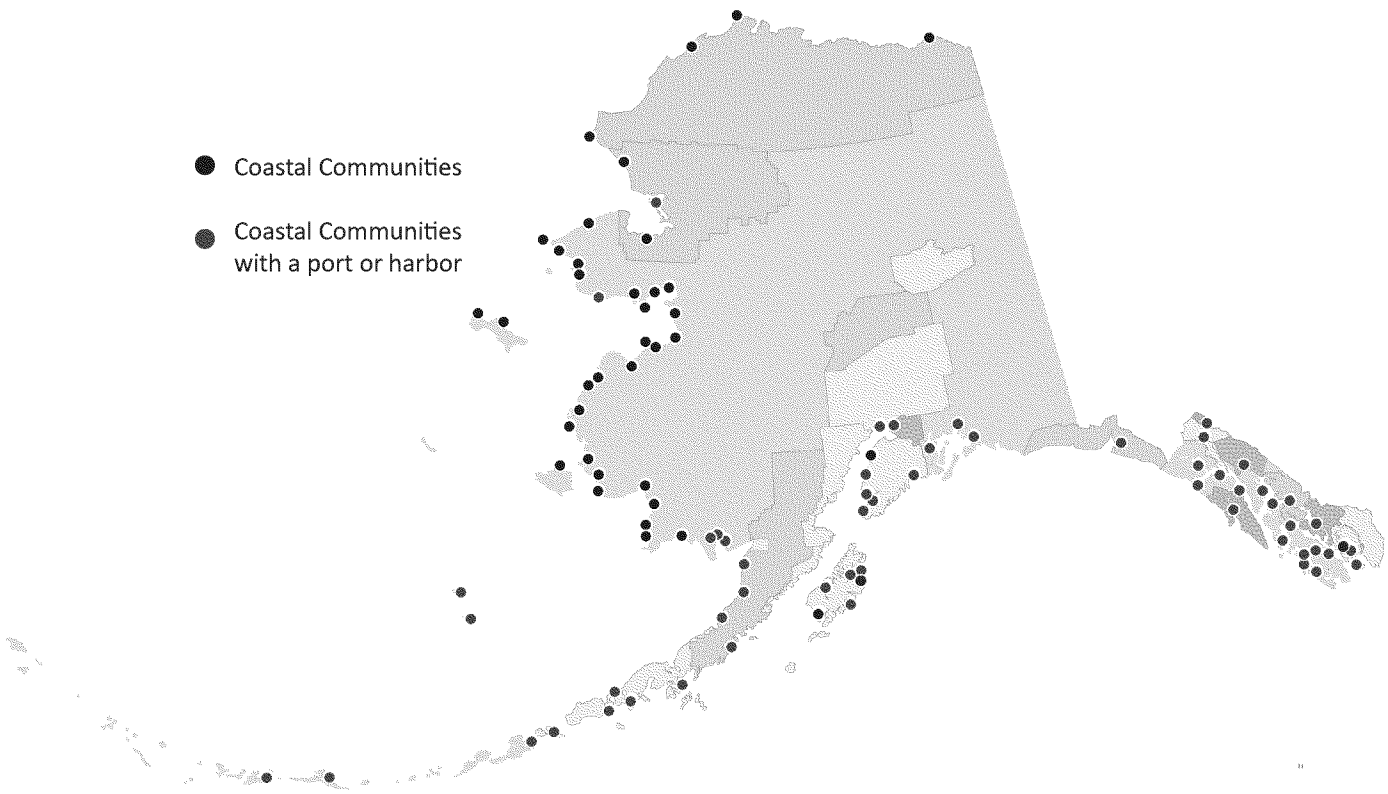
Many of these agreements have required the documentation of progress made toward achieving expected results, and AML has successfully reported on that progress under those agreements. Documentation has included web-based assets like websites, online forms and accompanying datasets, surveys of participants and members, engagement logs that track communication, outreach, and assistance, and staff reports. Separate fund accounting has kept all financial reporting easily accomplished, with clear reimbursables or financial reports available for reporting purposes.

6.0 Quality Assurance Project Plan (QAPP) Information

It is possible that this project will require a Quality Assurance Project Plan (QAPP), as it will use existing research, may create a new database based on information gathered, and may make recommendations on environmental decisions related to climate change. No personal, medical, or environmental data will be included as part of this project.



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OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Unite Oregon

Address: 1390 SE 122nd Ave

City: Portland

State: OR: Oregon Zip Code: 97233

B. Unique Entity Identifier (UEI): C16ARLN8FA16

C. Applicant/Recipient Point of Contact

Name: Toni Naranjo-Rivera

Phone: Ex. 6 - Personal Privacy (PP)

Email: development@uniteoregon.org

Title: Lead Grants Manager

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

N/A

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

N/A

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

N/A

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

Joel Williams; HR and Administration Director; Ex. 6 - Personal Privacy (PP)

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

Joel Williams; HR and Administration Director; Ex. 6 - Personal Privacy (PP)

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Khanh Le	Lead Grants Manager	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Ms. First Name: Toni Middle Name:
Last Name: Naranjo-Rivera Suffix:
Title: Lead Grants Manager

Complete Address:

Street1: 1390 SE 122nd Ave
Street2:
City: Portland State: OR: Oregon
Zip / Postal Code: 97233 Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**
E-mail Address: development@uniteoregon.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: Miss First Name: Emma Middle Name:
Last Name: Rickman Suffix:
Title: Finance Director

Complete Address:

Street1: 1390 SE 122nd Ave
Street2:
City: Portland State: OR: Oregon
Zip / Postal Code: 97233 Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**
E-mail Address: emma@uniteoregon.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: Mr. First Name: Khanh Middle Name:
Last Name: Le Suffix:
Title: Executive Director

Complete Address:

Street1: 1390 SE 122nd Ave
Street2:
City: Portland State: OR: Oregon
Zip / Postal Code: 97233 Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**
E-mail Address: le.khanh@uniteoregon.org

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** Mrs. **First Name:** Becca **Middle Name:**

Last Name: Phelps **Suffix:**

Title: Climate Resilience and Justice Manager

Complete Address:

Street1: 1390 SE 122nd Ave

Street2:

City: Portland **State:** OR: Oregon

Zip / Postal Code: 97233 **Country:** USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: becca@uniteoregon.org

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Center for Intercultural Organizing

* b. Employer/Taxpayer Identification Number (EIN/TIN): 74-3098100

* c. UEI: C16ARLN8FA16

d. Address:

* Street1: 1390 SE 122nd Ave
Street2:
* City: Portland
County/Parish: Multnomah
* State: OR: Oregon
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 97233-1002

e. Organizational Unit:

Department Name: Climate Resilience & Justice

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Ms.
* First Name: Toni
Middle Name:
* Last Name: Naranjo-Rivera
Suffix:

Title: Lead Grants Manager

Organizational Affiliation: Unite Oregon

* Telephone Number: Ex. 6 - Personal Privacy (PP)
Fax Number:

* Email: development@uniteoregon.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Oregon Climate Resilience

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: OR-002 * b. Program/Project: OR-002

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 10/01/2023 * b. End Date: 09/30/2026

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	500,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☒ a. This application was made available to the State under the Executive Order 12372 Process for review on 04/14/2023.

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☐ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Ms. * First Name: Toni

Middle Name:

* Last Name: Naranjo-Rivera

Suffix:

* Title: Lead Grants Manager

* Telephone Number: Ex. 6 - Personal Privacy (PP) Fax Number:

* Email: development@uniteoregon.org

* Signature of Authorized Representative: Khanh Le * Date Signed: 04/14/2023

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Unite Oregon

1234-Narrative_OregonClimateResilience_EPA climate proposal.pdf
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1235-AttachmentA_OregonClimateResilience_Budget.pdf
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1236-AttachmentB_LogicModel_OregonClimateJustice.pdf
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1237-AttachmentC_SupportLetters_Combined.pdf
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1238-AttachmentD_Resumes_Combined.pdf
application/pdf
TCjFjzmncngdPJSf/kqKX0BIqs8=

1239-AttachmentE_8879 Center for Intercultural Organizing.pdf
application/pdf
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Application
New
2023-04-14
Center for Intercultural Organizing
74-3098100
C16ARLN8FA16
1390 SE 122nd Ave
Portland
Multnomah
OR: Oregon
97233-1002
USA: UNITED STATES

Climate Resilience & Justice
Ms.
Toni
Naranjo-Rivera

Lead Grants Manager
Unite Oregon
EX. 6 - Personal Privacy (PP)
development@uniteoregon.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Oregon Climate Resilience
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OR-002
2023-10-01
2026-09-30
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a. This application was made available to the State under the Executive Order 12372 Process for review on
2023-04-14
N: No
Y: Yes
Ms.
Toni
Naranjo-Rivera

Lead Grants Manager
EX. 6 - Personal Privacy (PP)

development@uniteoregon.org
Khanh Le
2023-04-14

Ms.
Toni
Naranjo-Rivera

Lead Grants Manager
1390 SE 122nd Ave
Portland
OR: Oregon
97233
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
development@uniteoregon.org

Miss
Emma
Rickman

Finance Director
1390 SE 122nd Ave
Portland
OR: Oregon
97233
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
emma@uniteoregon.org

Mr.
Khanh
Le

Executive Director
1390 SE 122nd Ave
Portland
OR: Oregon
97233
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
le.khanh@uniteoregon.org

Mrs.
Becca
Phelps

Climate Resilience and Justice Manager
1390 SE 122nd Ave
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OR: Oregon
97233

USA: UNITED STATES

(503) 287-4117
becca@uniteoregon.org

Unite Oregon
1390 SE 122nd Ave
Portland
OR: Oregon
97233

C16ARLN8FA16
Toni Naranjo-Rivera
EX. 6 - Personal Privacy (PP)
development@uniteoregon.org
Lead Grants Manager
N: No
N/A
N/A
N/A
N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Joel Williams; HR and Administration Director; 1390 SE 122nd Ave Portland, OR 97233; EX. 6 - Personal Privacy (PP)
Joel Williams; HR and Administration Director; 1390 SE 122nd Ave Portland, OR 97233; EX. 6 - Personal Privacy (PP)
Khanh Le
Lead Grants Manager
2023-04-14

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GRANT13860944

Attachment C: Partnership Letters of Commitment

1. Warm Springs Community Action Team (community-based organization)
2. Coalition of Communities of Color (community-based organization)
3. City of Bend (local government)
4. Earth Advantage (nonprofit organization)
5. Midstate Electric Cooperative (rural electric cooperative)
6. Southern Oregon Climate Action Now (community-based organization)

WARM SPRINGS
COMMUNITY ACTION TEAM

April 6, 2023

Unite Oregon
1390 SE 122nd Avenue
Portland, OR 97233

RE: Support for Unite Oregon's Environmental Justice Collaborative Problem Solving Cooperative Agreement

Dear Unite Oregon Climate Resilience Program Managers,

This letter is to support the Oregon Climate Resilience proposal submitted by Unite Oregon and its partners. The Warm Springs Community Action Team (WSCAT), a nonprofit community development organization on the Warm Springs Reservation, is excited to collaborate with the Unite Oregon team, work with our community, provide services, and support CTWS tribal leaders in achieving a local vision of a thriving, climate-friendly future. The team, led by Unite Oregon, Coalition of Communities of Color, and the City of Bend, is uniquely suited to engage rural and tribal communities to build resilience to the effects of climate change, and to related disasters that threaten our communities. The team has experience in community-led programming, policy engagement, research and data analysis, and capacity building across a range of climate resilience subject matter areas. We believe we can learn much from the coalition that will assist us in delivering better outcomes in health, economic opportunity, and clean environment for our community.

The residents of the Warm Springs Reservation have been on the front lines of the climate crisis. The increasing temperatures and drought that have affected much of the West have reduced the yield from timber on the reservation, and caused more wildfires. When wildfires break out, they are more damaging than in the past. Wildfires and higher heat levels have increased the number of power outages, as have utility preventative (PSPS) shutdowns. That leaves Warm Springs residents in a bind, because they are increasingly dependent on electricity for cooling in the extreme heat of the summer. Although Pacific Power has promised upgrades at the Warm Springs substation, the reservation has suffered for years from highly unreliable power – grid blackout rates that would cause outrage if they occurred in the Willamette Valley or other parts of the state.

Drought, high temperatures and decades of decay in the water system, have contributed to chronic water shortages. In 2019 a broken water main left many Warm Springs residents without running water for the entire summer. The following year another broken pipe left more than 100 residents without running water, and more than 2,000 under a boil-water notice because of microbes in the water. The lack of safe water likely made the pandemic worse: in July 2020 the reservation's COVID infection rate was higher than that of any Oregon county.

The Warm Springs Community Action Team (WSCAT) is committed to working with Confederated Tribes of Warm Springs (CTWS) tribal leaders to address these problems. WSCAT was first established in 2001 as an incubated program under the Central Oregon Partnership, and became an independent 501(c)(3) nonprofit organization in August 2008. Our mission is to promote community development in Warm Springs by empowering individuals and groups of people to realize their potential, become self-reliant, and affect positive change for themselves, their families, and their community. We do this through programs in asset building (we have the largest IDA program in Indian Country, with 170 tribal members

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currently enrolled), local business promotion (serving 50-75 aspiring entrepreneurs per year) , workforce development (serving 40-50 tribal members per year), placemaking (building a small business incubator, food cart pod, commercial kitchen, and developing community public art projects), youth development (serving 50-75 youth per year with small business training, financial education, workforce training, and summer youth programming), and education for personal and professional development (homeownership, financial skills, and business workshops and courses for 100-150 tribal members per year).

WSCAT has developed and is in varying stages of implementing projects in support of climate resilience, including installing solar hydro-panels to draw drinking water from the air (2019), putting solar panels on our own building to make it a net zero energy office building (May 2023), developing the Commissary incubator, food cart pod, and commercial kitchen as a net zero energy buildings (July 2024), developing a community solar project to provide reduced-rate electric power to up to 500 homes owned by lower income community members (early planning states, projected 2026), and developing a community resilience hub at the Warm Springs K-8 School (early planning stages, projected 2027). WSCAT is currently partnering with the Oregon Clean Power Cooperative, Pacific Northwest National Laboratory (through its Energy Storage for Social Equity program), and Vertue Lab, and has received either funding or credits for solar projects from Pacific Power's Blue Sky Program, Vertue Lab, and Energy Trust of Oregon. WSCAT provides unique services as a nonprofit community-based organization not available in the broader commercial marketplace. WSCAT has received funding from a wide range federal funders, and has a clear understanding of how to manage federal funds and adhere to federal procurement rules.

We are very excited to join this coalition in support of this important work for our community and other communities around the state!

Sincerely,

Chris Watson
Executive Director
Warm Springs Community Action Team

Coalition of Communities of Color

April 5, 2023

FR: COALITION OF COMMUNITIES OF COLOR

TO: Unite Oregon
1390 SE 122nd Ave., Portland, OR 97233

RE: Support for Unite Oregon's Environmental Justice Collaborative Problem Solving Cooperative Agreement

To whom it may concern,

I am writing to document the Coalition of Communities of Color's support for the Oregon Climate Resilience proposal submitted by Unite Oregon and its partners. Our organization will be engaged in this robust collaboration. It will support the ability to effectively engage communities, provide services, and support community leaders in achieving their vision for a thriving future. The team, led by Unite Oregon, Warm Springs Community Action Team, and Earth Advantage, is uniquely suited to engage, especially rural and tribal communities across Oregon, in authentic and community-led ways to build the kinds of resilience that climate change and disasters are demanding of our communities. The team also has experience in community-led programming, policy engagement, research and data analysis, and capacity building across a range of climate resilience subject matter areas our region needs to improve health and economic opportunity and build a clean environment.

The Coalition of Communities of Color (CCC) is an alliance of nineteen culturally specific organizations that serve diverse communities across Oregon, including Black/African American, Native American/Indigenous, Asian and Pacific Islander, Latinx, Muslim, Slavic, and immigrant and refugee communities. The mission of the CCC is to advance racial justice by building collective BIPOC community power. In addition, the CCC's Research Justice Institute (RJI) is advancing the organization's mission by conducting research and data justice efforts across the state and advocating for more reliable, holistic, actionable, and community-centered data.

Unite Oregon is a member of the Coalition of Communities of Color. We have a history of successful partnerships that center and engage marginalized communities (e.g., low-income, rural, communities of color, immigrant, and refugee), especially around housing, environmental justice, and advocacy. This partnership will continue to benefit underserved communities in Central and Southern Oregon through the RJI's ongoing training and support around data justice. We will provide Unite Oregon and other partners with training and support for how best

Coalition of Communities of Color

to collect and analyze data – especially qualitative data – gathered via community engagement efforts and how best to share and report these data to advance justice in our region. The CCC's Research Director, Dr. Andres Lopez, and Senior Researcher, Dr. Mira Mohsini, will serve as leads for training and other activities in support of data justice for this project.

The Coalition of Communities of Color provides unique services as a nonprofit community-based organization unavailable in the broader commercial marketplace. Further, we have been selected as a qualified partner consistent with EPA procurement rules. If this proposal is selected for funding, the Coalition of Communities of Color will be committed to partnering on the project to utilize data justice in an approach to influencing statewide climate and environmental justice programs, efforts, and base building with communities in Central and Southern Oregon.

Sincerely,



Dr. Andres Lopez
Research Director
Research Justice Institute
Coalition of Communities of Color
Email: andres@coalitioncommunitiescolor.org

CITY OF BEND

April 10, 2023

FR: City of Bend

TO: Unite Oregon
1390 SE 122nd Ave.,Portland, OR 97233

RE: Support for Unite Oregon's Environmental Justice Collaborative Problem Solving Cooperative Agreement

To whom it may concern,

I am writing to document the City of Bend's support for the Oregon Climate Resilience proposal submitted by Unite Oregon and their partners. Our organization will be engaged with this robust collaboration and will support its ability to effectively engage communities, provide services, and support community leaders in achieving their vision of a thriving future. The team led by Unite Oregon, Coalition of Communities of Color, and the Warm Springs Community Action Team are uniquely suited to engage, especially rural and tribal communities, across Oregon, in authentic and community-led ways to build the kinds of resilience climate change and disasters are demanding of our communities. The team also has the experience in community-led programming, policy engagement, research and data analysis, and capacity building across a range of climate resilience subject matter areas our region needs to improve health, economic opportunity, and a clean environment.

The City of Bend has a robust Community Climate Action Plan (CCAP) and program that was developed in 2018, adopted in 2019 and has been implemented over the last 4 years in coordination with community partners and stakeholders. When the City was developing the CCAP, it began establishing relationships with local community-based organizations to help make sure underrepresented voices were centered in the Plan and that the Plan would have beneficial outcomes for the most vulnerable. The City also convenes an advisory Committee made up of Bend citizens who are interested in environmental stewardship called the Environment and Climate Committee (ECC). This Committee directly advises the City Council and directs the implementation of the CCAP.

While the City has a successful track record and commitment with engaging community in climate action policy and program decisions, it has also struggled to sustain meaningful engagement with underrepresented communities in Bend on these topics. Collaborating with Unite Oregon on this proposal will allow the City to re-build relationships it started with the Community Climate Action Plan, establish new ones, and nurture these relationships so that they can be sustained and impactful. These relationships will allow the City to create community-led climate policy and ensure that they result in better outcomes for all. Unite Oregon's presence in Bend and Central Oregon would also have the advantage of working throughout our surrounding rural and tribal communities to foster and hold space for a climate equity movement regionwide.

LOCATION
710 NW Wall Street
Downtown Bend

MAILING ADDRESS
PO Box 431
Bend, OR 97709

PHONE
Ex. 6 - Personal Privacy (PP)
Relay Users Dial 7-1-1

FAX
Ex. 6 Personal Privacy (PP)

WEB
bendoregon.gov

MAYOR
Melanie Kebler

MAYOR PRO TEM
Megan Perkins

CITY COUNCILORS
Anthony Broadman
Barb Campbell
Ariel Méndez
Megan Norris
Mike Riley

CITY MANAGER
Eric King

If this proposal is selected for funding, City of Bend will be committed to partnering on the project to increase community engagement in the City of Bend's Community Climate Action Plan (CCAP), reach out to underrepresented and historically underserved community members for strategic planning and future policy conversations, and to basebuild for climate justice advocacy in Central Oregon.

Sincerely,

Cassie Lacy
Senior Management Analyst
City of Bend

earthadvantage
Better Buildings Now

April 11, 2023

FR: Earth Advantage

TO: Unite Oregon
1390 SE 122nd Ave., Portland, OR 97233

RE: Support for Unite Oregon's Environmental Justice Collaborative Problem Solving Cooperative Agreement

To whom it may concern,

I am writing to document Earth Advantage's support for the Oregon Climate Resilience proposal submitted by Unite Oregon and their partners. Our organization will be engaged with this robust collaboration and will support its ability to effectively engage communities, provide services, and support community leaders in achieving their vision of a thriving future. The team led by Unite Oregon, Coalition of Communities of Color, the Warm Springs Community Action team, and Midstate Electric are uniquely suited to engage, especially rural and tribal communities, across Oregon, in authentic and community-led ways to build the kinds of resilience climate change and disasters are demanding of our communities. The team also has the experience in community-led programming, policy engagement, research and data analysis, and capacity building across a range of climate resilience subject matter areas our region needs to improve health, economic opportunity, and a clean environment.

Earth Advantage® is a 501(c)(3) nonprofit focused on helping to create an informed and humane residential real estate marketplace that: Acknowledges both the climate impacts of housing and the impact climate has on housing; Provides all homebuyers and renters with access to sustainability-related information about a home; Supports equitable housing outcomes, protecting those most vulnerable from the effects of climate change, and; Recognizes both the personal and societal value that climate-friendly housing creates. Earth Advantage's team is located across five states with a headquarters in downtown Portland, Oregon in the PAE Living Building. The organization's commitment to carbon

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reduction strategies is demonstrated by the 17,000+ individuals who have participated in Earth Advantage training, the approximately 4,000 high-performance residential units certified each year by our green building team, the 30,000+ homes with a verified Home Energy Score, and the over 2 million homes contained in our Green Building Registry. Earth Advantage brings over two decades of direct experience on a variety of residential energy efficiency and green building projects across Oregon. The Earth Advantage team trains and mentors a growing local energy efficiency workforce and supports residential building professionals through quality assurance and installation verification services. EA will bring to this project our subject matter expertise in workforce partnerships and career pathway development experience, green residential new construction and home retrofits, industry networks and employer connections, and long-standing reputation as a professional training provider and local third-party green home certification program.

Earth Advantage's workforce development training programs aim to provide energy efficiency and green building technical training, mentorship support, and professional development opportunities for groups that have been historically underserved in the building industry. Since 2018, EA has collaborated with our partner network (community-based organizations, pre-apprenticeship training providers, youth and high school programs, minority contractor associations, utilities, and beyond) to develop, coordinate and deliver 130+ total days of green construction workforce development training and credential opportunities. These trainings are designed to prepare tradespersons from underserved communities across Oregon for a career in green building, and our goal is to support our partner organizations and help enhance their training programs to ensure their trainees and these new tradespersons understand green building approaches and career pathways in residential construction. These partners consist of training instructors who run their own Minority- or Women-Owned Businesses (*EnerCity Collaborative, Enerstructa LLC, Premium Efficiency LLC, Elise Energy Solutions, and Burch Energy*) and delivery partners whose core mission is to serve and engage these communities (*LatinoBuilt, Constructing Hope, Oregon Tradeswomen, Portland YouthBuilders, Portland Opportunities Industrialization Center, Heart of Oregon Corps YouthBuild, The Blueprint Foundation, and the Green Workforce Academy*). Working in close collaboration with our partners, Earth Advantage currently supports five distinct workforce development training projects under the *Portland Clean Energy Fund (PCEF)*. By utilizing Earth Advantage support, these programs

have grown their construction training programs and made measurable impacts in lives of their trainees entering the green construction industry.

To meet current and future demand, Earth Advantage believes the construction industry workforce will need to be more diverse, skilled, and younger than ever before. We've seen that sustainable practices create greater interest among workforce trainees looking to enter the industry, and those who gain green building knowledge and a green credential are more attractive and valuable to future employers. Earth Advantage's workforce development programs are specifically designed to engage Black, Indigenous and people of color (BIPOC), women, transgender and gender diverse individuals, low-income and/or rural communities, and others who have been historically underrepresented or marginalized in the building industry. Our experience in the industry has demonstrated that these underserved groups have historically been passively excluded from energy efficiency and environmental initiatives. For many years, the energy efficiency industry has provided a wide variety of technical training intended to support and advance the practices of residential construction contractors. However, few of these trainings were led and offered by diverse/minority-led organizations, delivered by diverse/minority contractors, and/or made available in languages other than English. This standardized dominant-culture approach has hindered progress and resulted in lower levels of participation from diverse/minority-led communities, contractor businesses, and their workers in these trainings and in the overall energy efficiency conversation. Earth Advantage understands how to design technical training programs that have the potential to elevate these underserved communities and activate this critical potential to facilitate Oregon's quest for meeting its climate and equity goals.

Earth Advantage's approach is embedded with strategies for advancing equity, which is demonstrated by our co-authoring a '*Building Green: Clean Energy Construction Apprenticeships, Training, and Career Tracks for People of Color and Women*' report, recently launching a centralized online *Residential Construction Career Hub*, and translating our '*Sustainable Homes Professional (SHP)*' 20-hour training curriculum into the Spanish-language to generate new pathways for Latinx contractors access to the energy efficiency field. Ultimately, we feel strongly that these and our other workforce development projects will cultivate a community of diverse and minority contractors who possess the skills to

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meaningfully contribute to climate justice goals. At this critical juncture of the climate crisis, we have the collective duty to define a new praxis of ecologically conscious construction. The next iteration of Oregon's construction economy demands industry professionals with the technical competencies and community connections to transform our vision of climate justice into a lived reality. We believe that by supporting diverse and minority contractors through energy efficiency and green building training, we engender the conditions for a contracting community that can build a more resilient and sustainable future.

Earth Advantage provides unique services as a nonprofit community-based organization not available in the broader commercial marketplace, and was selected as a qualified partner consistent with EPA procurement rules. If this proposal is selected for funding, Earth Advantage will be committed to partnering on this project to increase education opportunities for green sector jobs in and around community resilience hubs and networks in tribal and rural communities.

Sincerely,

Ryan LaPoma

Ryan LaPoma
Senior Education Manager
Earth Advantage

MIDSTATE ELECTRIC COOPERATIVE, INC.
A Touchstone Energy® Cooperative

16755 Finley Butte Rd. • P.O. Box 127 • La Pine, Oregon 97739 • Ex. 6 - Personal Privacy (PP) Ex. 6 - Personal Privacy (PP) • www.midstateelectric.coop

April 11, 2023

FR: MIDSTATE ELECTRIC COOPERATIVE, INC.

TO: Unite Oregon
1390 SE 122nd Ave., Portland, OR 97233

RE: Support for Unite Oregon's Environmental Justice Collaborative Problem Solving Cooperative Agreement

To whom it may concern,

I am writing to document Midstate Electric Cooperative's (MEC) support for the Oregon Climate Resilience proposal submitted by Unite Oregon and their partners. Our organization will be engaged with this robust collaboration and will support its ability to effectively engage communities, provide services, and support community leaders in achieving their vision of a thriving future. The team led by Unite Oregon, Warm Springs Community Action Team, and Earth Advantage, are uniquely suited to engage, especially rural and tribal communities, across Oregon, in authentic and community-led ways to build the kinds of resilience climate change and disasters are demanding of our communities. The team also has the experience in community-led programming, policy engagement, research and data analysis, and capacity building across a range of climate resilience subject matter areas our region needs to improve health, economic opportunity, and a clean environment.

As a member-owned cooperative, MEC enjoys a close relationship with all the communities we serve. While delivering safe, affordable power is our number one priority we also have a longstanding commitment to community service. Through our consistent involvement we have developed a reputation as a trusted community partner.

The focus of this partnership being on rural communities will be a major benefit to large portions of our service territory. These communities can be left out of county-wide programs in many cases, as the largest cities in the county receive most of the resources. MEC would greatly appreciate the opportunity to work with Unite Oregon on community outreach and education, and the partnership would benefit us by boosting participation in our existing Energy Conservation programs.

Midstate Electric provides a unique perspective as a trusted rural electric provider and was selected as a qualified partner consistent with EPA procurement rules. If this proposal is selected for funding, we will be committed to partnering on the project to co-host community forums in rural parts of the region to educate people about incentive opportunities and gain a shared understanding of data justice in analyzing qualitative data.

Jim Anderson

General Manager and CEO

Midstate Electric Cooperative, Inc.

Southern Oregon Climate Action Now

SOCAN

Confronting Climate Change

https://socan.eco

Alan R.P. Journet Ph.D.
Cofacilitator
Southern Oregon Climate Action Now
Ex. 6 - Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)

April 13th 2023

Unite Oregon
1390 SE 122nd Ave., Portland, OR 97233

Reference: Support for Unite Oregon's Environmental Justice Collaborative Problem Solving Cooperative Agreement

I write as cofacilitator of Southern Oregon Climate Action Now (SOCAN), an organization of over 2,000 rural Southern Oregonians who are concerned about the climate crisis and urge statewide action to address it. The mission of SOCAN is to promote awareness and understanding of the science of global warming and its climate chaos consequences and stimulate individual and collective action to address it. We undertake this mission with the framework of social justice. Since rural Oregonians occupy the frontlines in experiencing the impact of the drought, shrinking snowpack, wildfires and extreme weather that the climate crisis imposes, we are strongly committed to action.

When we discuss 'addressing' climate chaos, our minds often, and quite naturally, turn to how we can prevent the ongoing crisis from deteriorating further through mitigation. This generally involves either reducing our emissions of climate pollution, or capturing greenhouse gases (mainly carbon dioxide) from the atmosphere through the promotion of photosynthesis as a natural solution, or through technology that captures the gas(es) from our atmosphere. However, in addition to mitigation, addressing the climate crisis also involves developing programs that help those suffering from climate change to maintain viable and vibrant lives as we move forward together. This comprises 'adaptation.' Regrettably, as the climate crisis worsens, the future that is inevitable unless we eliminate human-induced emissions today will bring us an increasing frequency of severe weather and climate-induced phenomena. The severe weather events will include thunderstorms and flooding as well as heat waves and drought. Since we live in a Mediterranean (winter wet / summer dry) climate, western states have always experienced conditions that feature drying soil and vegetation annually each summer and fall. This annually produces conditions where fire is likely. Warming, which will be

greater in the summers than winters, reduced summer rainfall, and reduced snowpack will all conspire to exacerbate the summer drying and thus elevate wildfire risk.

These are the conditions that Oregon residents will experience as the century unfolds. It is incumbent upon all of us to acknowledge this reality and prepare for it. While those of us who are economically more privileged will likely have the financial capacity to survive these phenomena at east in the short term, those who are less economically advantaged will become ever more vulnerable to these calamitous events. Providing Oregonians with locations where they can go to understand, escape, and learn how to adapt to these climate-induced phenomena will be critical to allowing our communities to survive. As a bonus, these Resilience Hubs can also serve the same purpose in the event of calamitous events unconnected with climate such as a Cascadia Subduction Zone Earthquake.

Enough information has been provided on what Resilience Hubs comprise and what they offer that I will not repeat that here. Rather, I commend you to the website of our companion organization, Rogue Climate, for a discussion of Community Resilience Hubs. Suffice to conclude by noting that Resilience Hubs can be designed to meet local needs and thus serve Oregonians from rural and urban locations alike.

For these reasons, Southern Oregon Climate Action Now is delighted to endorse and join a team led by Unite Oregon, Coalition of Communities of Color, and the Warm Springs Community Action Team, and MidState Electric in their effort to help local vulnerable communities, especially rural and tribal communities, build resilience to our changing climate and other potential disasters. Having collaborated with several of these organizations to address issues of mutual concern, we can testify to the expertise of the consortium in community building, engagement in promoting policies conducive to their missions, and developing local capacity.

Southern Oregon Climate Action Now was founded in 2012 and has since served the Rogue Valley, Southern Oregon, and the broader Oregon community through some twenty volunteer-driven projects in five Program areas: Government, Education, Natural Resources, Transportation, and Community Outreach. Throughout most of this period, we have been collaborating with the statewide coalition of concerned climate activists and sympathetic state legislators to establish programs in the state that will both promote mitigation of the climate crisis and adaptation to those trends that are inevitable. We also offer education programs and presentations to educational institutions on all aspects of the climate crisis and, in 2017, initiated our 'Master Climate Protector – A Primer for Action' course. Now completing our ninth offering of the course, we have graduated well over 100 Master Climate Protectors, several of whom have since been elected to local city councils. A couple of years ago, within the Government Program, we launched a Regional and Local Project through which teams of volunteers living in local communities engage with their communities to promote climate action. Currently, active teams exist in Grants Pass, Medford, Jacksonville, Talent and another is

set to initiate action in Ashland. We also collaborate with A Greater Applegate to promote climate action throughout that rural corner of Jackson County

When we are confronted by serious problems requiring a substantial and concerted response, we are more likely to respond positively if we understand both the nature of the problem, and what constitute rational responses to that problem. As a result of discussions with representatives from Unite Oregon, it is our judgment that we (SOCAN) can bring our considerable experience in promoting understanding about the science of climate change to non-scientific audiences of vulnerable Oregonians. In this context, we offer our expertise to develop and offer workshops that will help Oregonians understand the nature of the climate crisis as it affects their region of the state, and what we can do both to mitigate our contributions to the problem, and to help ourselves adapt to those consequences that are inevitable. At this early stage, it is premature to identify exactly what such a series of programs would entail since the content and delivery format should be developed in collaboration with those wishing to experience the workshops.

In exchange for developing these workshops, Southern Oregon Climate Action Now asks for an allocation of $10,000.

Respectfully Submitted



Alan Journet

UO

Form **8879-TE**

IRS *e-file* Signature Authorization for a Tax Exempt Entity

For calendar year 2021, or fiscal year beginning . . . . . , 2021, and ending . . . . . , 20 . . . . .

▶ **Do not send to the IRS. Keep for your records.**

▶ **Go to *www.irs.gov/Form8879TE* for the latest information.**

OMB No. 1545-0047

2021

Department of the Treasury
Internal Revenue Service

Name of filer

EIN or SSN

CENTER FOR INTERCULTURAL ORGANIZING 74-3098100

Name and title of officer or person subject to tax KHANH N LE
EXECUTIVE DIRECTOR

Part I Type of Return and Return Information

Check the box for the return for which you are using this Form 8879-TE and enter the applicable amount, if any, from the return. Form 8038-CP and Form 5330 filers may enter dollars and cents. For all other forms, enter whole dollars only. If you check the box on line **1a, 2a, 3a, 4a, 5a, 6a, 7a, 8a, 9a,** or **10a** below, and the amount on that line for the return being filed with this form was blank, then leave line **1b, 2b, 3b, 4b, 5b, 6b, 7b, 8b, 9b,** or **10b,** whichever is applicable, blank (do not enter -0-). But, if you entered -0- on the return, then enter -0- on the applicable line below. **Do not** complete more than one line in Part I.

1a **Form 990** check here ▶	[X]	**b** **Total revenue,** if any (Form 990, Part VIII, column (A), line 12)	**1b**	4,632,591
2a **Form 990-EZ** check here ▶	[ ]	**b** **Total revenue,** if any (Form 990-EZ, line 9)	**2b**	
3a **Form 1120-POL** check here ▶	[ ]	**b** **Total tax** (Form 1120-POL, line 22)	**3b**	
4a **Form 990-PF** check here ▶	[ ]	**b** **Tax based on investment income** (Form 990-PF, Part VI, line 5)	**4b**	
5a **Form 8868** check here ▶	[ ]	**b** **Balance due** (Form 8868, line 3c)	**5b**	
6a **Form 990-T** check here ▶	[ ]	**b** **Total tax** (Form 990-T, Part III, line 4)	**6b**	
7a **Form 4720** check here ▶	[ ]	**b** **Total tax** (Form 4720, Part III, line 1)	**7b**	
8a **Form 5227** check here ▶	[ ]	**b** **FMV of assets at end of tax year** (Form 5227, Item D)	**8b**	
9a **Form 5330** check here ▶	[ ]	**b** **Tax due** (Form 5330, Part II, line 19)	**9b**	
10a **Form 8038-CP** check here ▶	[ ]	**b** **Amount of credit payment requested** (Form 8038-CP, Part III, line 22)	**10b**	

Part II Declaration and Signature Authorization of Officer or Person Subject to Tax

Under penalties of perjury, I declare that [X] I am an officer of the above entity or [ ] I am a person subject to tax with respect to (name of entity) _____, (EIN) _____ and that I have examined a copy of the 2021 electronic return and accompanying schedules and statements, and, to the best of my knowledge and belief, they are true, correct, and complete. I further declare that the amount in Part I above is the amount shown on the copy of the electronic return. I consent to allow my intermediate service provider, transmitter, or electronic return originator (ERO) to send the return to the IRS and to receive from the IRS **(a)** an acknowledgement of receipt or reason for rejection of the transmission, **(b)** the reason for any delay in processing the return or refund, and **(c)** the date of any refund. If applicable, I authorize the U.S. Treasury and its designated Financial Agent to initiate an electronic funds withdrawal (direct debit) entry to the financial institution account indicated in the tax preparation software for payment of the federal taxes owed on this return, and the financial institution to debit the entry to this account. To revoke a payment, I must contact the U.S. Treasury Financial Agent at Ex. 6 - Personal Privacy (PP) no later than 2 business days prior to the payment (settlement) date. I also authorize the financial institutions involved in the processing of the electronic payment of taxes to receive confidential information necessary to answer inquiries and resolve issues related to the payment. I have selected a personal identification number (PIN) as my signature for the electronic return and, if applicable, the consent to electronic funds withdrawal.

PIN: check one box only

[X] I authorize DOUGALL CONRADIE LLC to enter my PIN Ex. 6 Personal Privacy (PP) as my signature
ERO firm name
Enter five numbers, but do not enter all zeros

on the tax year 2021 electronically filed return. If I have indicated within this return that a copy of the return is being filed with a state agency(ies) regulating charities as part of the IRS Fed/State program, I also authorize the aforementioned ERO to enter my PIN on the return's disclosure consent screen.

[ ] As an officer or person subject to tax with respect to the entity, I will enter my PIN as my signature on the tax year 2021 electronically filed return. If I have indicated within this return that a copy of the return is being filed with a state agency(ies) regulating charities as part of the IRS Fed/State program, I will enter my PIN on the return's disclosure consent screen.

Signature of officer or person subject to tax ▶ Date ▶ 11/01/22

Part III Certification and Authentication

ERO's EFIN/PIN. Enter your six-digit electronic filing identification number (EFIN) followed by your five-digit self-selected PIN.

Ex. 6 Personal Privacy (PP)
Do not enter all zeros

I certify that the above numeric entry is my PIN, which is my signature on the 2021 electronically filed return indicated above. I confirm that I am submitting this return in accordance with the requirements of **Pub. 4163,** Modernized e-File (MeF) Information for Authorized IRS *e-file* Providers for Business Returns.

ERO's signature ▶ _____ Date ▶ 11/01/22

ERO Must Retain This Form — See Instructions
Do Not Submit This Form to the IRS Unless Requested To Do So

For Privacy Act and Paperwork Reduction Act Notice, see back of form. Form **8879-TE** (2021)
DAA

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Pronouns: she/her
Ex. 6 - Personal Privacy (PP)
LinkedIn

Experienced educator, organizer, and strategist working for a more sustainable and just future for Oregonians.

EXPERIENCE

The Environmental Center, Bend, OR
Youth Education Program Manager

October 2017 - PRESENT

- Plan, coordinate, and deliver youth education programs and activities to over 5,000 students annually in four school districts across Deschutes, Crook and Jefferson counties
- Develop and update youth education program curriculum to align with local, state, and culturally relevant educational standards
- Evaluate program reach and track student data for grant reports, contract agreements, and program efficacy
- Design and deliver experiential outdoor learning programs; manage cohorts of 3-5 program interns to develop their leadership and teaching skills
- Write and research grants and opportunities for funding

WeWin Strategy Group, Oregon
Campaign Manager and Lead Organizer

November 2016 - PRESENT

- Managed state, local, and judicial campaigns to elect: Deschutes County District Attorney; Bend Mayor Sally Russell; passed: Measure 99; Measure 110; and Bend City Transportation GO Bond (100% win rate)
- Developed and oversaw budgets of over $75,000 and supervised fundraising plans
- Implemented field programs that reached more than 100,000 voters via calls, texts, and voter outreach
- Recruited and trained over 250 volunteers

Save Outdoor School for All Campaign, Oregon
Campaign Field Manager

January 2016 - November 2016

- Recruited and trained over 100 volunteers who collected 130,000+ signatures to place the *Save Outdoor School* statewide citizen initiative on the November 2016 ballot, which passed with the support of over 67% Oregon voters
- Organized outreach events and speaking engagements to engage communities across 30 Oregon counties
- Built a coalition of over 100 local organizations to harness community resources and support for the ballot measure
- Conducted media training for community members which resulted in over 75 interviews, press conferences, letters to the editor, and significant social media engagement in support of the initiative

TECHNICAL SKILLS

Skilled public speaker, presenter, facilitator

Social media proficiency with use of data tracking and direct advertising features

Design expertise for campaign literature, flyers, events, informational sessions

Google Suite, Microsoft Suite

VAN, NGP, ActBlue

MailChimp, Constant Contact, Slack, Zoom

Squarespace, Canva, PearDeck

VOLUNTEER & LEADERSHIP

Oregon League of Conservation Voters - Leadership Committee Member (2016-present); Volunteer of the Year Award 2020

City Club of Central Oregon- Program Committee Member (2018-2021)

Center for Women and Families - Domestic Violence Center; Volunteer; Louisville, KY (2010-2015)

EDUCATION

Indiana University, Bloomington, IN
Cultural Immersion Project via Master of Education Program
October 2011 - January 2012

Epico Jahns Academy, Elementary Teacher- Kabula, Kenya

Indiana University, New Albany, IN
Bachelor of Science in Elementary Education
January 2010 - January 2012

EQUITY AND JUSTICE TRAINING AND LEADERSHIP

Confluence Project
Teaching Indigenous Curriculum Training
2020
Participated in a year-long learning collaborative to implement tribal history and traditional ecological knowledge into state standard K-12 curriculum for sustainability programs

The Environmental Center
Diversity, Equity, and Inclusion Committee – Founding Member
October 2019 - PRESENT
Lead the Continuing Education Sub-Committee to plan and facilitate educational (un)learning moments and trainings to full committee meetings

Allyship in Action
Diversity, Equity, and Inclusion Training
2020-2021
Participated in a year-long training to advance equity and social justice through organizational assessment, education, and long-range planning

TRAININGS & CERTIFICATIONS

Creating a Trauma-Informed Environment - T.R.A.C.E.S. participant (2019)

Wilderness First Aid (2021)

CPR (2021)

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ROGUE VALLEY ORGANIZER

CAREER OBJECTIVE

My long term goal is to be able to work and advocate for those that can't advocate for themselves, Help marginalized communities, Build empowering networks of community, Employ the leadership skills I have been fortunate enough to acquire through many life experiences and positions.
But most importantly, I want to keep learning about the processes that disenfranchise certain communities, I want to be able to recognize and distinguish tools designed to maintain certain power structures to more effectively help dismantle them, and create a more equal, fair, compassionate and informed collective, where we can all raise our kids safely. I want to always stay curious and flexible to learn new ideas and improve my human experience. I would like to make my life objective, a career objective.

EXPERIENCE

COMMUNICATIONS AND ENGAGEMENT COORDINATOR

Jackson County Community Long Term Recovery Group, Medford, OR / May 2022 - Present

- Provide leadership in production and dissemination of important information resources from different non profit organizations out to the community in the form of print, Video, Online platforms and public speaking.
- Supporting fire survivors and fire affected community members with resources during community outreach events. Hands on canvassing affected areas of marginalized or affected communities.
- Coordinated conversations with partners in different spaces to communicate the needs, resources available, community concerns and upcoming outreach events.
- Support content creation and editorial review,
  Produce impactful content, Deliver editorial content projects in partnership with communications committee, Production and video editing , Photos, Blog posts, White papers, marketing print materials, Content distribution.
- create, Post and manage social all media platforms and engage with community during public speaking event engagements.

COMMUNITY SUPPORT WORKER

Zone Captains, Medford, OR / Jul 2021 - May 2022

- Engaged with the recovery needs of the latino/a/x fire affected survivor population through virtual and in person meetings to share resources, offer support and volunteer with assistance for

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Medford, OR, 97504

EDUCATION

ROGUE COMMUNITY COLLEGE
Medford, OR
(Apr 2017)
Relevant Coursework

- Communications and Critical Thinking

CENTRO UNIVERSITARIO ANGLO MEXICANO
CDMX, CDMX
High School Diploma (Jun 2000)

ADDITIONAL SKILLS

Ability to listen with a compassionate approach

Inherent attribute for advocacy and social justice

Talent for communicating in a personable, respectful objective manner

Technology adept and familiar with different content content creative engines, Canva, Mailchimp

Video production and post production skills acquired while producing a national syndicated TV show on NBC Telemundo

Fully bilingual (English-Spanish) and with a multicultural experience

Proficiency with Google workspace and Microsoft 365

those in need due to medical, displacement, mobility issues or language communications barriers.
- Created public service announcements in video format for different partner organizations, translated vital information to the Spanish language for community engagement and provided voice over tracks for the newsletter audio option feature on their digital platform.
- Canvassed FEMA temporary camps and attended resource fairs to engage residents and share crucial information to help them with their recovery.

MEMBER SERVICE REPRESENTATIVE
Rogue Credit Union, Medford, OR / Jul 2021 - May 2022

- Processed information required for implementation of services, such as opening accounts, savings plans and specialty accounts in a bilingual role.
- Submitted applications to stablish personal, business, commercial and Mortgage loans as well as credit cards personal or business lines of credit thorough the underwriting department
  Informed members of fixed and variable interest rates, shared requirements for loan applications and required qualifications
- Stayed up to date on changes or updates in policy as well as required training on federal and state banking regulations.
- Helped control and balance bank's cash vault daily, Implemented best practices guidelines for service and safety.
  Stopped fraudulent transactions, Fraudulent deposits and helped members with online fraud claims.
- Engaged with the Latino/a/x local population to provide financial education and support.

BANKER SPECIALIST
UsBank, 97501, OR / Apr 2017 - Jun 2021

- Obtained and processed information required for provision of services, such as opening accounts, savings plans and specialty accounts.
- Submitted applications to stablish personal, business, commercial and Mortgage loans as well as credit cards personal or business lines of credit thorough the underwriting department
- Informed members of fixed and variable interest rates, shared requirements for loan qualifications, stay up to date on changes or updates in policy and help members plan out for applications.
- Helped control and balance bank's cash vault daily, implemented best practices guidelines for service and safety.
- Stopped fraudulent transactions, fraudulent deposits and helped members with online fraud claims.
- Ran anywhere from 100 to 250 deposit, withdrawal and check cashing transactions daily.
- Engaged with the Latino/a/x local population to provide financial education and support

REFERENCES

References available upon request

Ex. 6 Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP) ● *lorri.@uniteoregon.org* ● *Portland, OR*

Summary of Experience

- Climate Justice team and experienced tribal relations builder- Indignous Organizer
- Building Undergraduates Through Inclusive Leadership Development – Parent Organizer
- Caregiver experienced in working with the elderly, quadriplegic, children with disabilities
- Raised in Native American traditional culture (Rocky Boy Reservation, MT) honor multiple cultural perspectives
- At-Risk High School Advocate/Mentor/tutor experience (Math, Science, History and English)

Current Work Experience

BUILD Parent Organizer, Unite Oregon, Portland, OR 5/2019-Present

Joint Partnership with Portland Public Schools-GEAR UP

- Volunteer at the USO at PDX checking active military and veterans into the USO system
- Create an inclusive environment for PPS children via community outreach and individual parent meetings
- Encourage parents to participated in the educational system including training on leadership development
- Help immigrants, refugees, people of color, low –income and first generation community members feel heard and learn to advocate and navigate systems
- Conduct home/workplace or public visits; explain services and workshops; assist parents in filling out GEARUP application and help them become comfortable in speaking to school authorities to share their concerns
- Escort middle school students and parents to college visits to "demystify" college terminology and point out aspects parents and children should consider in selecting a college and ensuring a positive experience
- Identify and access resources to support education and basic needs and health care
- Conduct school visits and partner with principals, teachers and support personnel ensuring referrals and community relations. Collaborate with 4 other BUILD parents for events and outreach serving PPS
- Provide insights/personal experience as a POC experiencing racial/social inequities to leadership for planning
- Guest Speaker and participant in GEARUP Youth Summit Conference 2019 (San Francisco, CA)

Education

Portland Community College, Portland, OR

- Associates, General studies Focus: Community Health and instruction 2018
- Medical Assistant Certificate coursework 2018
- Gerontology & Fitness Technician Coursework 2013-2016
  - Fitness Tech Internship, Elsie Stuhr Center, Beaverton, OR 2016
  - Gerontology Internship, Elite Care at Fanno Creek, Tigard, OR 2013

Montana State University, Billings, MT

- Bachelors, Human Services Focus: Abuse & Neglect and Early Child Development 1996

Medical Professional Skill summary

- Preserved patient dignity and minimized discomfort performing home health tasks with empathy
- Developed successful client care relationships by listening, helping, and guiding
- Acted as advocate on behalf of clients when necessary
- Worked with seniors in rehabilitative fitness following stroke, diabetes diagnosis, or other health event
- Provided therapeutic care for children with behavioral issues

Past Work History

- Caregiver, Helping Hands, Tigard, OR - 2017
- Caregiver, Private Client, Tigard, OR - 2017
- Military experience, Little Creek, VA - 1986

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PROFESSIONAL EXPERIENCE

Executive Director & Individual Development Account (IDA) Program Manager, Warm Springs Community Action Team (WSCAT), Warm Springs Indian Reservation, OR

Executive Director (April 2014 – present)

- Lead, coach, and develop WSCAT's 17-person staff, which works with the WSCAT board, the Confederated Tribes of Warm Springs (CTWS) tribal government, and community partners to promote community development on the Warm Springs Indian Reservation and to increase the economic vitality, stability, and self-sufficiency of community members.
- Ensure programmatic excellence, rigorous program evaluation, and consistent quality of organization's finances, administration, and communications; recommend timelines and resources needed to achieve strategic goals; raise funds from federal, state, and private donors.
- Have raised $14 million from federal, state, and private donors for capital projects and programs in community development, climate resilience, local business promotion, asset building, agriculture, youth development, and workforce development program.

IDA Program Manager (April 2013 – August 2016)

- Managed a 5-year, $1.5 million federally-funded program enabling members of the Confederated Tribes of Warm Springs (CTWS) to build financial skills, open individual development accounts, build their credit, and obtain assets to start or expand businesses, buy homes, and pay for their education.
- Managed a $1,191,750 State of Oregon-funded IDA program enabling CTWS tribal members to open individual development accounts, build assets, and move towards financial self-sufficiency.
- Increased the client base of the IDA program from 24 to 180 clients in 40 months.

Program Evaluator, New West Technologies, LLC, Washington, DC (August 2008 – October 2012), under contract with the Administration for Native Americans (ANA), Dept. of Health & Human Services

- Evaluated 96 ANA-funded, community-designed and implemented projects in social and economic development, environmental regulatory enhancement, Native American/Alaska Native/Pacific Islander language revitalization, and governance in the US and Pacific territories.
- Co-developed an impact evaluation survey enabling ANA evaluators to analyze the extent to which projects achieved intended objectives and produced impact within their communities.
- Co-compiled five annual reports to the U.S. Congress, presenting key data and findings from projects visited and providing a report on the activities, outputs, outcomes, and impact of each project.

Proposal Writer, Adventist Development & Relief Agency, Kathmandu, Nepal (September 2007 – June 2008)

- Wrote a $280,000 Australian Agency for International Development proposal to fund literacy education, gender disparity awareness training, agro-vocational training, and savings and credit training for 1,000 women from marginalized ethnic and caste groups in Nepal's Terai region. (Proposal funded)
- Wrote a $450,000 United Nations Population Fund (UNFPA) funding proposal to provide mobile reproductive health (RH) camps for 25,000 women, adolescents, and family members in five remote, conflict-affected districts in Nepal's Midwestern Development Region. (Proposal funded)

Researcher, World Learning, Brattleboro, VT (February 2007 - August 2007)

- Compiled a "Leadership for Social Justice" capacity-building training manual and provided research support for a book on social justice leadership in collaboration with faculty from the School for International Training and the Ford Foundation International Fellows Program.

Program Evaluation Consultant, for Heifer International, Little Rock, AR (May 2006 – February 2007)

- Evaluated Heifer International's North American Indigenous People's Initiative, analyzing program performance and extent to which it contributed to the organization's mission in North America.
- Evaluated Heifer's $6 million U.S.-based experiential education programs, analyzing program impact on participants and effectiveness in advancing Heifer's mission of reducing global hunger and poverty.

Fundraiser and Project Manager, Stonewall Farm, Keene, NH (July 2004 – September 2005)

- Wrote grant proposals that garnered the organization, a non-profit environmental and agricultural education center, the funding needed to construct a 4,000-square foot greenhouse, convert a herd of dairy cows from conventional to organic production, design and implement an educational signs project, fund scholarship programs for visiting elementary school students, and cover operating expenses.
- Managed, monitored and evaluated a greenhouse design and construction project, a dairy barn wastewater project, a cow lanes project, and two educational signs projects.

EDUCATION

M.A., Sustainable Development, School for International Training, Brattleboro, Vermont (2003-2006)
Concentration: Development Management. Coursework: Intercultural Communication, Theory & Practice of Sustainable Development, Program Monitoring & Evaluation, Program Planning & Project Design, Research Methods, Budgeting, Policy Advocacy, Social Change, and Human Resource Management.

B.A., History/Political Science, with honors, Claremont McKenna College, California (1985-1989)

Financial Education and Asset Building (2013-2015)
Building Native Communities: Financial Skills for Families – Instructor's Course (2013); *Credit Building is Asset Building*, Credit Builders Alliance (2013); "Your Money, Your Goals" - Consumer Protection Financial Bureau (2013). *Pathways Home – A Native Homeownership Guide* - Instructor Training (2014); *Indianpreneurship* – ONABEN (2014); Credit Coaching Training – First Nations OWEESTA (2015).

Conflict Transformation Across Cultures Peacebuilding Institute, Brattleboro, Vermont (June 2007)

Nepal Immersion Program, Pitzer College, Kathmandu, Nepal (August 1988 – December 1988)

MISCELLANEOUS

Board of Trustees Member, Nonprofit Association of Oregon (NAO) (January 2020 – present)

- Provide financial oversight, advice, and guidance to Executive Director and staff of the Nonprofit Association of Oregon a statewide nonprofit membership organization representing and supporting charitable nonprofits of all sizes, geographic locations, and missions across Oregon.

Central Oregon Leadership Council Member, Oregon Community Foundation (October 2014-October 2020)

- Served as liaison between the Warm Springs Indian Reservation community and the Oregon Community Foundation, the 8th largest community foundation in the United States, with a $1.6 billion endowment.

Advisory Board Member, KWSO Radio 91.9, Confederated Tribes of Warm Springs (July 2014 - present)

- Advise station manager on how KWSO can best serve the Warm Springs Reservation community, and on fundraising and management strategies.

Volunteer Grant Proposal Writer, Confederated Tribes of Warm Springs (CTWS) Culture and Heritage (C&H) Department (March 2014)

- Wrote a 3-year, $760,000 Administration for Native Americans grant proposal enabling the CTWS C&H Department to create a Master/Apprentice Language Immersion Program to train five young community members to attain fluency in the Ichiskiin language. The program employs seven people, provides teacher training to six staff members, and will enable the CTWS to preserve one of its three tribal languages into the distant future. (Proposal funded)

Travel and overseas experience: Taught English in South Korea for three years (1994-1997) and in Saudi Arabia for 6 months (2000). Served as a U.S. Army Lieutenant in Germany for 3 years (1989-1992). Have travelled to 80+ countries (in Africa, Asia, Europe, and the Americas), 55 sovereign Native American nations, and all 50 U.S. states. Studied in Nepal, Guatemala, and Germany.

Ex. 6 Personal Privacy (PP)

He/Him/His • Ex. 6 - Personal Privacy (PP)

andres@coalitioncommunitiescolor.org

Education

Oregon State University

Doctorate of Philosophy (2019)
Major: Applied Anthropology – School of Language, Culture, and Society
Minors: Sociology; Gender, Women, and Sexuality Studies
Dissertation: "Everyday Religious Spiritualties: Navigating Inequalities through Orientations, Interactions, and Reflexivity."

Iowa State University

Education for Social Justice Graduate Certificate (2014) – School of Education
Completed doctoral coursework in Department of Sociology (Fall 2014)

University of Missouri-Kansas City

Masters of Arts (2012)
Major: Sociology
Thesis: "Fixing 'The Man Problem': Masculine Discourse in Christian Men's Ministries"

Xavier University

Bachelor of Arts (2005)
Major/Minor: Sociology/Women and Gender Studies
Thesis: "Are college-aged men restricted by their masculinity?"

Selected Research, Evaluation, and Assessment Experience

Full-Time Work:

Research Director, Coalition of Communities of Color
(Portland, OR. January 2020 – Present)

- Direct all efforts of the CCC's Research Justice Center
- Lead member driven, large-scale community-based participatory action research projects
- Provide research consultation to community, city, county, and state partners

Graduate Research Assistant:

Graduate Student Success GRA, Graduate School, Oregon State University
(Corvallis, OR. March 2016—June 2018)

- Conducting various multi-method research and evaluation projects with data from BANNER, CORE, and Data Warehouse and originally collected data – from conception and management to writing final manuscript
- Monitoring student participation and evaluating graduate professional development offerings
- Participation on the Graduate Student Success Team – coordinating, developing, implementing, and assessing graduate programing
- Managing the Graduate Student Success Center, ordering promotional materials, creating event flyers and programming brochures, and communicating with the public via social media platforms
- Serving various unit and university wide committees at the Dean's request

Department of Ethnic Studies, Oregon State University
(Corvallis, OR. September 2015—March 2016)

- Archival research on Latina/o populations in Oregon & history of Ethnic Studies at Oregon State University

Research Institute for Studies in Education (RISE), School of Education, Iowa State University
(Ames, IA. May 2013—August 2015)

- Conduct qualitative/quantitative research assignments – survey construction, regression, and crosstab analysis
- Evaluating and assessing ISU benefits survey, faculty interaction survey, and Strengthening the Professoriate NSF grant writing trainings and partnerships
- Training graduate students, professional researchers, and faculty members on Social Network Analysis
- Methodological development of process evaluation for the Iowa Governor's Statewide STEM Initiative.
- In-depth interviewing, leading focus groups, and content analysis of educational research initiatives and projects

Teaching Experience

Department of Ethnic Studies, Oregon State University Ecampus
(Corvallis, OR. September 2015— March 2016)
- TA 20 hours a week: Asian American Studies; Environmental Racism
    - Grading, lecturing, proctoring, leading discussions, and developing assignments

Department of Sociology, Iowa State University
(Ames, IA. August 2012-May 2013)
- Instructor of Record: SOC 327 Gender and Sex (Fall & Spring)
    - All aspects involved with teaching a 300 level course

Department of Sociology, University of Missouri-Kansas City
(Kansas City, MO August 2009-May 2012)
- TA 20 hours a week: four sections of ANTH 101 Intro to Cultural Anthropology; two sections of SOC 350 Applied Sociology; two sections WGS 101 Intro to Women's and Gender Studies
    - Grading, lecturing, proctoring, leading discussions, and developing assignments
    - Oversaw semester long student research projects in Applied Sociology

Selected Professional Research Presentations & Reports

Professional Presentations

Lopez, Andres Lazaro. 2018. "2019 Online Learners' Priorities Survey" Prepared for the OSU Ecampus Leadership, Oregon State University, November, Corvallis, OR.

Lopez, Andres Lazaro. 2018. "Ecampus Historical Analysis." Prepared for the OSU Ecampus Leadership, Oregon State University, August, Corvallis, OR.

Lopez, Andres Lazaro. 2017. "2015 OSU Graduate Student Climate Study." Prepared for the OSU Graduate School Leadership, Oregon State University, June, Corvallis, OR.

Lopez, Andres Lazaro. 2016. "OSU Graduate Student Writing Needs Assessment: Quantitative and Qualitative Findings." Prepared for the OSU Graduate Writing Center, Oregon State University, May, Corvallis, OR.

Lopez, Andres Lazaro. 2015. "Social Network Analysis and the Iowa Statewide STEM Initiative." Prepared for the Research Institute for Studies in Education, Iowa State University, May, Ames, IA.

Redacted **Andres Lazaro Lopez**. 2014. "Using a Process Evaluation Approach in Support of a Statewide STEM Initiative." Presented at the annual American Evaluation Association, October, Denver, CO.

Lopez, Andres Lazaro. 2014. "An Introduction to Social Network Analysis." Presented at the Research Institute for Studies in Education, Iowa State University, October, Ames, IA.

Lopez, Andres Lazaro. 2014. "Who's who on campus? Examining broader impact success among ISU faculty members." Presented at the offices of ISU Advance, Iowa State University, August, Ames, IA.

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she/her/hers | Portland, OR | Ex. 6 - Personal Privacy (PP) | Ex. 6 - Personal Privacy (PP)

SELECTED WORK EXPERIENCE

Senior Researcher |The Coalition of Communities of Color, Portland, OR |July 2020-present
Co-developing the Research Justice Institute's data justice approach, and continuing to engage in community-based participatory action projects using a research justice approach throughout the state of Oregon. Advising government agencies, health care systems, and other institutions on data equity strategies. Co-convening organizations that serve Black, Indigenous, and People of Color (BIPOC) communities, and collaborating with BIPOC researchers and scientists to elevate community data, and create pathways for sustainable and ethical community engagement efforts with BIPOC communities.

Training & Equity Facilitator | Living Yoga, Portland, OR | March 2020-Present
Developing diversity, equity, and inclusion goals focusing on racial and economic justice; conducting research and analyzing data related to the intersection of personal and systemic trauma with mental health, disparities in criminal justice, health disparities, and economic/housing insecurity; conducting outreach and actively building a diverse network for Living Yoga's trauma-informed training; developing new curriculum on topics of equity and inclusion & facilitating online body-based resiliency training.

Researcher | The Coalition of Communities of Color, Portland, OR | Sept 2019-July 2020
Leading project funded by Oregon Health Authority to (1) understand barriers faced by communities of color in Oregon in accessing behavioral health services and (2) recommend culturally- and linguistically-responsive best practices for Coordinated Care Organizations; facilitating Steering Committee meetings using a Research Justice framework; training community-based organizations in data collection and analysis; conducting participatory data interpretation and analysis; community and stakeholder engagement. Leading survey-based research and analysis on the social and behavioral health profile of incarcerated Native Americans in Oregon in partnership with Red Lodge Transition Services.

Program Evaluator | Grounded Solutions Network, Portland, OR | Oct 2019-present
Developing program assessment framework for a nation-wide affordable housing and anti-displacement initiative in three U.S. cities; conducting semi-structured interviews, developing survey instruments, focus groups, and facilitating cultural domain research for program participants in Winston-Salem, Indianapolis, and San Antonio.

Instructor | Wayfinding Academy, Portland, OR | January 2020-present
Designing and facilitating a Learning Lab for students and community members on immigration, borders, and questions of legality. Focus of Lab is to breakdown myths and misinformation about immigration. Using storytelling and project-based work to enable students to develop platforms (i.e. podcast, blog/vlog, games, organizational toolkits) to raise public awareness and dismantle stereotypes about immigration.

Visiting Assistant Professor | University of Akron, Akron, Ohio | Sept 2016-June 2019

- Designed, managed, and led four collaborative projects: (1) refugee experiences in the U.S.; (2) documenting urban poor farms and infirmaries; (3) politics of urban revival, housing, and community development; (4) Muslim minorities and informal labor in India.
- Designed, organized, and delivered workshops on diversity, equity, and inclusion for faculty, staff, and students; conducted high school community outreach.
- Developed and taught online, hybrid, and face-to-face courses on race and racism, gender studies, globalization, Islamophobia, qualitative and quantitative research methods, religion, and cultural diversity; awarded Faculty Champion award for teaching two experiential learning courses focused on community-centered research.

SELECTED PUBLICATIONS

Bose, C. & Mohsini, M. (Forthcoming May 2023). Encountering Craft: Methodological Approaches from Anthropology, Art History, and Design. New York: Routledge.

Behrman, C., Mohsini, M., Olson, E. (Forthcoming). Remembering those who were meant to be forgotten: An interdisciplinary exploration of Schneider Park. Akron: University of Akron Press.

Mohsini, M. (2017). Reflections on the art of radical interruption. Fogged Clarity. Retrieved from https://bit.ly/2RjcZi6.

Mohsini, M. (2016). Crafting Muslim artisans: Agency and exclusion in India's urban craft communities. In Clare Wilkinson-Weber and Alicia DiNicola (Eds.), Critical Craft: Technology, Globalization, Capitalism. London: Bloomsbury.

SELECTED PUBLIC PRESENTATIONS & TRAININGS

- "Addressing the Racial Wealth Gap" | Washington County Small Business Network | March 2023
- "Community Data Practices for Justice" | Getting There Together Coalition | May 2022
- "Qualitative Data for Decision Making" | Portland Bureau of Transportation | April 2022
- "Investing in Culturally and Linguistically Responsive Behavioral Health" | Oregon Health Authority | Online | January 2022
- "Legacies of Research and Data Oppression | Justice Outside | Online | August 2021
- "Data Justice: An Introduction" | Portland State University | Online | January 2021

LANGUAGES

English, French, Urdu, Hindi

EDUCATION

Ph.D. Anthropology | School of Oriental and African Studies, University of London
MA Anthropology and Development | London School of Economics
BA (Hons) Anthropology | University of Western Ontario

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Ex. 6 Personal Privacy (PP)

City of Bend
clacy@bendoregon.gov

Ex. 6 - Personal Privacy (PP)

Professional Experience

Senior Management Analyst – April 2018-present
City of Bend; Bend, OR

- Leads City's climate and energy related programs and other environmental initiatives, including strategic planning, managing budget, overseeing consulting work and contracts, and managing committees and interns
- Builds and maintains key partners with government agencies, non-profits, utilities and other stakeholders to advance collaborative energy and climate initiatives.
- Provides research, analysis and recommendations to support City Council and executive leadership decision making for policy decisions and new policy development for climate, energy and natural resource topics

Sustainability Coordinator – June 2016 – March 2018
University of Washington Bothell; Bothell, WA

- Created and launched first sustainability office for campus to lead and coordinate projects and programs to advance campus sustainability and student engagement.
- Led strategic planning, communications, and reporting for campus sustainability
- Managed advisory committee to senior leadership on advancing commitment to environmental stewardship on campus

Graduate Research Assistant – Aug. 2014-May 2016
Global Institute of Sustainability; Tempe, AZ

- Provided research and analysis to support a collaborative initiative between local governments to advance a circular economy in the Phoenix metropolitan area waste system
- Wrote reports, white papers, and toolkits focused on integrated resource management for a variety of clients

Education

Arizona State University – Tempe, AZ – Masters of Sustainability
2016

University of Colorado – Boulder, CO – Bachelors of Arts - *Ecology & Evolutionary Biology and Environmental Studies*
2012

I. PROGRAM OBJECTIVES

A. Project Summary Page

Project Title: **Oregon Climate Resilience**

Project Location: **Oregon, Jefferson, Crook, Deschutes, Jackson, Josephine Counties**

Applicant Information: **Unite Oregon**

1390 SE 122nd Ave.,Portland, OR 97233

https://www.uniteoregon.org/

Ex. 6 - Personal Privacy (PP)

Becca Phelps (she/her), Climate Resilience and Environmental Justice Manager, becca@uniteoregon.org

Toni Naranjo-Rivera, Lead Grants Manager, toni@uniteoregon.org

Description of Applicant Organization: Unite Oregon is a community-based, racial justice organization focused on policy and infrastructure change at the local, regional, and statewide levels. We work across Oregon to eliminate systemic inequities that lead to disparate outcomes in health, educational opportunities, and economic security for immigrants, refugees, and Black, Indigenous, people of color (BIPOC). Equity is a cornerstone of all our work, which functions to build a unified intercultural movement for justice. We provide culturally responsive leadership development, civic engagement, policy and advocacy, and community organizing training that is designed to engage community leaders over time.

Small CBO Set Aside?: No

Project Abstract (250 words): The Oregon Climate Resilience project will work Central Oregon and Rogue Valley communities with high climate disaster risk, pre-existing pressures on economic and environmental health, and where community leaders are stepping forward to take action. In these rural and tribal areas, Unite Oregon and our partners across Indigenous and other community-led organizations, local government, and rural electric co-ops will collaborate to 1) Strengthen the capacity of community leaders in Central Oregon and the Rogue Valley to organize around climate justice, and take action on policies and other systemic inequities affecting their communities; 2) Create two Community Resilience Hubs so communities with limited English proficiency, immigrants, rural Oregonians, and people of color have the same access to disaster response assistance from government, the private sector, and their neighbors; and 3) Reduce home energy costs by increasing rural and tribal community access to residential home energy efficiency incentives from federal, state, and utility sources.

Project Type: Emergency preparedness and disaster resiliency, public education, home energy efficiency, training

Special Considerations: The project focuses engagement in rural and tribal areas of central Oregon and the Rogue Valley to increase the capacity to prevent, mitigate, and recover from Climate Disasters (especially forest fires and severe storms) via Community Resilience Hubs.

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Environmental Issue: Climate Change- Unite Oregon's immigrant, refugee, BIPOC and rural communities are concerned about their exposure to more frequent climate disasters (e.g., wildfire risks to homes and health).

List of Project Partners:
Coalition of Communities of Color (CBO); City of Bend (local government); Warm Springs Community Action Team (CBO); Earth Advantage (non-profit); Midstate Electric Co-Op (rural electric cooperative); and Southern Oregon Climate Action Now (non-profit).

Will we need a QAPP: Yes

Total Project Cost:
Federal funds requested: $500,000 (approx. $167,000/yr)

B. Environmental and Public Health Information of the Underserved Community

Much of Central Oregon and the Rogue Valley are in the 90-95% percentile for wildfire risk, with some areas in the 95-100% risk area. We define the regions as Jefferson, Crook, and Deschutes County (Central Oregon including the Confederated Tribes of the Warm Springs Reservation) and Jackson and Josephine County (Rogue Valley). The combination of high-transit corridors, urban-wildland interfaces, and a drier and hotter climate have already led to significant, catastrophic fires in these regions–ones the communities, especially immigrant and BIPOC families, are still recovering from. Oregon's fire season is 100 days longer than in the 1970s.[1]

Rural areas in these regions experience asthma rates higher than the national average – 80-90% higher for many rural census tracts, and 95-100% higher for the Confederated Tribes of the Warm Springs Reservation community (Warm Springs). Wildfire smoke exacerbates chronic respiratory and heart disease, especially for vulnerable people such as pregnant women, and for people experiencing intersections of multiple inequities such as low-income residents in mobile home parks. Wildfire also intensifies affordable housing shortages in regions that are already severely rent burdened (i.e., more than 25% of households in Bend, Ashland, and Medford spent more than 50% of their income on rent in 2022 versus the statewide average of 15% of Oregon households are severely rent-burdened).[2]

These regions have also experienced some of Oregon's fastest growth in recent years around the urban centers of Medford and Bend. That growth has significantly increased housing costs, and overall cost of living. As a result, the displacement caused by wildfire can have devastating impacts–just like the Almeda fire did in the cities of Talent and Phoenix in the Rogue Valley in

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[1] https://www.oregon.gov/oha/PH/HEALTHYENVIRONMENTS/CLIMATECHANGE/Documents/2020/Climate%20and%20Health%20in%20Oregon%202020%20-%20Full%20Report.pdf

[2] https://www.oregon.gov/lcd/UP/Documents/Annual_Severe_Rent_Burden_Announcement.pdf.

2020.[3] The fire destroyed 2,600 homes, the most destructive in Oregon history, and many of those homes belonged to LatinX, immigrant, refugee and Spanish-speaking families, who are still struggling to access federal resources for recovery. Additionally, the region is clamoring to restore the lost affordable housing, and the Bear Creek Greenway. Immigrant communities in particular struggled to access recovery support–both because of policy restrictions in providing support to undocumented individuals, and broader mistrust of government. This underscored the important role of CBOs as frontline responders in these cases.

Research shows that regions whose resilience plan emphasizes local community engagement and collective action in addition to physical infrastructure are better prepared for extreme events. Communities with deeper ties, more trust, and more interaction suffer lower mortality during extreme weather events and other natural disasters.[4] For these measures to be climate justice and not just preparedness, resiliency initiatives must 'help the most vulnerable, not just the easy to reach,' and furnish them with 'a shock-responsive rights-based safety net guaranteeing their basic material, emotional and social wellbeing'.[5] For Unite Oregon, climate justice is holistic long-term resilience; multidimensional, participatory, ownership; whole-community efforts; and anticipating, preparing for, coping with, and recovering from climate impacts.

And Oregon is taking steps to get ahead of the health inequity caused by climate disasters. Oregon got approval in 2023 for the first-in-the-country Medicaid 1115 demonstration waiver that authorizes healthcare dollars to be invested in climate response (the state request included authorization for disaster preparedness and resilience, but that was not granted by the federal Center for Medicare and Medicaid services).[6]

Unite Oregon's Climate Adaptation strategy envisions a future in which all Oregonians thrive and are resilient in the face of a changing climate. Executing on this strategy requires inclusion of the voices and expertise of diverse stakeholders living in these impacted communities. The strategy taps into Unite Oregon's strengths in creating mitigation strategies that build wealth and resilience for our communities while pushing for immediate actions to compensate and protect impacted Oregonians from the impacts of catastrophic climate change. This proposal focuses on several community types and issues prioritized in this EPA RFA:

- Rural Areas: We will focus on organizing and community engagement in the rural portions of Central Oregon and the Rogue Valley, especially with Indigenous people, immigrant communities, and people of color;

[3] https://www.ijpr.org/wildfire/2021-09-08/the-almeda-fire-one-year-later.
[4] Aldrich, D. P. (2018). The Right Way to Build Resilience to Climate Change. Current History, 117(795), 16–21.
[5] Bharadwaj, R. (2022). Firm foundations for child-centered climate resilience. International Institute for Environment and Development.
[6] https://www.oregon.gov/oha/hsd/medicaid-policy/pages/waiver-renewal.aspx

- Climate Disaster Resiliency: Climate change is exacerbating wildfire and other disaster risks. This project will build the social connections and community resilience hub connections to connect rural immigrant and BIPOC communities to culturally-specific supports before, during, and after disasters;

- Connecting Health & Climate: Project partners have made a direct connection between health improvement, healthcare delivery, and reducing the risk of climate-connected health inequity.

C. Unite Oregon's Historical Connection to Underserved Community

Unite Oregon represents the 2016 merger of two strong nonprofit organizations—Center for Intercultural Organizing (CIO) and Oregon Action (OA)—who together have decades of experience organizing immigrants, refugees, people of color, and low-income Oregonians to address racial justice and human rights issues in Oregon. Founded by Portland-area Muslims to dispel harmful racial stereotypes in the wake of 9/11, CIO was a diverse, grassroots organization working to build a multiracial, multicultural movement for immigrant and refugee rights. Formed in 1980, Oregon Action was a statewide broad-based, multiracial community organization dedicated to addressing economic and racial justice issues. Having collaborated for over ten years, CIO and OA decided to join forces. Today, Unite Oregon operates across the state to connect and empower community members to find the solutions our communities need in ways that disrupt patterns of extraction, exploitation, and dependency.

All of Unite Oregon's work is developed and implemented with an intercultural framework and follows a strengths-based approach that honors the community's deep wisdom, unique circumstances, and expertise. We define our priorities and issues through an in-depth engagement process with members, who represent a broad section of Oregon's culturally diverse communities. Engaging our constituents from the beginning of our campaigns ensures that they are at the helm of the organization.

Unite Oregon is a community-based organization led by immigrants, refugees, and Black, Indigenous, people of color. Our by-laws require that our board, staff, and membership be at least 50% immigrant, refugee or Black, Indigenous, people of color. We have 55 staff: 75% identify as BIPOC, immigrants, or refugees; 33% are LGBTQIA+2S; 73% of staff are people who experience gender and sex-based discrimination; and 100% of leadership across all chapters are BIPOC. Together, we speak 12 different languages. Current chapters exist in the Portland metro area and Rogue Valley, and we plan to begin a new chapter through this project in Central Oregon. We are the only intercultural movement-building nonprofit in Oregon organizing communities across the urban-rural divide.

The organizing for the Oregon Climate Resilience project combines Unite Oregon's experience in organizing in the Rogue Valley during the Almeda fires; Unite Oregon's successful Pan-Immigrant and Leadership Organizing program (PILOT), which has trained 200+ immigrant, refugee, and

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BIPOC leaders since its inception in 2012; and Unite Oregon's COVID-19 service-to-organizing supports for over 2,500 families with emergency services resources such as rental and cash assistance, housing advocacy, economic training, and small business opportunities.

This Oregon Climate Resilience project proposal emerged from a virtual climate justice listening tour from July to October 2022 conducted by Unite Oregon and various partners. The sessions were designed to educate our communities on current statewide policies, the Just Transition framework, and Participatory Budgeting. We also wanted to hear the needs, concerns, and ideas of the frontline communities we serve regarding climate and environmental justice. The climate justice team deployed an online survey and conducted one-on-one interviews with Indigenous community members to support this process to supplement the listening sessions. Community narratives/ideas/desires/concerns are informing this project, and two other climate justice initiatives– our new East Portland Community Garden, and our rapid response Wildfire Relief & Emergency Preparedness services to impacted communities.

D. EJ Collaborative Problem-Solving (EJCPS) Model

This project combines moving along several steps of the Collaborative Problem-Solving Model based on the different tracks of work described in Sections II A and B below. Unite Oregon has engaged with Central Oregon and Rogue Valley communities in issue identification and community capacity building around environmental justice generally. These communities were part of a 4-session listening tour with 150 participants from the Portland Metro area, coast, Rogue Valley, and Central Oregon. Those conversations led to organizing and action planning to:

- Build ongoing capacity for climate justice organizing and action in Central Oregon via a new chapter of Unite Oregon with capacity to identify further EJ issues and take action using data collected and analyzed with communities;
- Establish Community Resilience Hubs to improve the ability to prevent, mitigate, and recover from wildfire and other climate disasters; and
- Reduce home energy costs.

This project will move the "Community Resilience Hub" and "Reduce home energy cost" tracks of work into consensus-based conversations on how best to achieve those goals, and form the multi-stakeholder partnerships via constructive engagement by relevant stakeholders. By Year 2 we anticipate forming the multi-stakeholder partnerships, and by Q1 of Year 3 soundly managing and implementing two Community Resilience Hubs and connecting low-income immigrant, refugee and BIPOC families to incentives for home energy efficiency improvements.

The EJCPS model is circular. Successful actions improve the environment and health for communities, and Unite Oregon and its partners are always circling back with communities for further issue identification and capacity-building. Unite Oregon will focus in Central Oregon in organizing a new chapter, which includes recruiting, onboarding, educating, and activating new leaders from communities experiencing injustice. The "building ongoing capacity" track of work

will focus on continual work in steps 1 and 2 of the EJCPS model- spinning out action plans and leadership as new issues around Climate Change response, especially in rural areas, emerge.

E. Project Linkages to EPA Strategic Plan

The Oregon Climate Resilience project is designed to build capacity with immigrants, refugees, BIPOC, and low-income communities–especially in rural areas, with Tribes, and other partners at every step to address EJ and civil rights concerns so that every community has the opportunity to thrive–no exceptions. This means active community engagement, and the ability to collect and use data, engage with various decision processes, and access the resources needed to improve resilience to climate disasters, reduce air pollution, access clean reliable water free from lead and other toxins, manage solid waste, clean up hazardous sites, and generally take action on issues most important to communities in Central Oregon and the Rogue Valley. Proposed activities, outputs, and outcomes of this project align directly to the EPA FY 2022-2026 Strategic Plan's Objective 2.1: Promote Environmental Justice and Civil Rights at the Federal, Tribal, State, and Local Levels, as they advance EPA's three strategies: (1) build capacity and climate resilience and maximize benefits to overburdened and underserved communities; (2) engage and support federal, state, and local governments to achieve results in communities; (3) Integrate EJ principles into the implementation of federal programs in tribal areas and in other areas of interest to Tribes.

In line with recent Executive Order 13985: Advancing Racial Equity and Support for Underserved Communities Through the Federal Government, and Executive Order 14008's Justice40 mandate, the project's activities will advance equity among underserved communities and where environmental, health, and economic burdens and capacity constraints co-occur – including immigrants, refugees, people of color, and low-income people, especially in remote and rural areas. Based on the needs Unite Oregon communities have shared thus far, the achievement of the Oregon Climate Resilience project's outputs and outcomes will also promote Objective 1.2: Accelerate Resilience and Adaptation to Climate Change Impacts; Objectives 4.1 and 4.2: Ensure Clean and Healthy Air for All Communities; Objectives 5.1 and 5.2: Ensure Clean and Safe Water for All Communities; and Objectives 6.1, 6.2, and 6.3: Safeguard and Revitalize Communities.

F. Partner and Collaborate

Our Oregon Climate Resilience team has deep relationships and experience in grassroots organizing and building capacity with communities, creating community-led action plans, and implementing changes that improve environmental and public health across Oregon. The partners here root our work together in values of equity such as generosity, relationality with all things seen and unseen, and across time - past-present-future. The importance of Indigenous values, partnerships, multiculturalism, leadership support, sense of humor, being a community member, and gratitude offer the building blocks to guide us in this work. Our team knows how to activate community leadership, and connect those leaders to resources and partnership with

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government and business sector partners. **Letters of Commitment from each partner organization confirming their commitment to this project are in Attachment C. All partners have been selected in compliance with competitive Procurement Standards in 40 CFR Part 30 and 40 CFR Part 31.36, as appropriate. EPA funds from this grant will go only to Community-Based Organization partners.**

Unite Oregon (a community-based organization): is experienced with the kind of multi-partner, multi-year funding and collaborative efforts needed to foster coordinated and effective on-the-ground action. As lead applicant, Unite Oregon will be the point of contact for EPA and Oregon Climate Resilience project partners. Unite Oregon will lead community engagement, capacity building, and formation of the two Community Resilience Hubs. Unite Oregon's key personnel include:

- Becca Phelps, Climate Resilience and Environmental Justice Manager;
- Rene Braga, Rogue Valley Community Organizer; and
- Lorri O'Neill, Indigenous Organizer.

Coalition of Communities of Color (a community-based organization): Formed in 2001, the Coalition of Communities of Color (CCC) is an alliance of culturally-specific community based organizations with representation from the following communities of color: African, African American, Asian, Latino, Middle Eastern and North African, Native American, Pacific Islander, and Slavic. The CCC supports a collective racial justice effort to improve outcomes for communities of color through policy analysis and advocacy, environmental justice, culturally-appropriate data and research, and leadership development in communities of color. CCC will engage its research justice team[7], specifically Drs. Andres Lopez and Mira Mohsini, to support ongoing collection and analysis of data for the project. This includes working with Unite to organize the data it collects to support its community initiatives, and creating a standard process that Unite Oregon can use to collect and analyze data moving forward. That process will include an EPA-consistent Quality Assurance Project Plan (QAPP), but one framed through a lens of research justice. CCC will continue its capacity building for Unite Oregon and community members to analyze survey results, analyze qualitative data collected during community forums, and package results into reports that inform climate resilience actions.

Warm Springs Community Action Team (a community-based organization): The Warm Springs Community Action Team (WSCAT)[8] is a non-profit community development organization located on the Warm Springs Indian Reservation. WSCAT envisions a Warm Springs Reservation in which tribal and community members control their own destinies, in which people are in a position to provide for their families, pursue their hopes and dreams, and achieve their full potential. WSCAT will work with Unite to engage community leaders informing a Central Oregon chapter of Unite Oregon. WSCAT will also co-create culturally relevant and responsive resources and materials to tribal members as part of the Community Resilience Hub in regard to emergency management programs including health and emotional health; energy efficiency; and job

[7] https://www.coalitioncommunitiescolor.org/-why-research-data-justice
[8] https://wscat.org/mission-goals/

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training opportunities in the green sector. Through all this work, WSCAT will provide tribal members opportunities to advocate for needs in regard to climate change; and support community forums for Community Resilience Hub implementation.

City of Bend (Bend), Sustainability Department (a local government): The City of Bend developed and implemented a Community Climate Action Plan.[9] The City will work with Unite Oregon to strengthen and deepen relationships with the city/community members who might currently not be engaged with the Climate Action Plan using Unite Oregon's grassroots organizing/base building tactics. Rural, BIPOC, immigrant, and refugee voices are currently underrepresented in shaping and implementing the Community Climate Action Plan and the City's strategic planning and future programming. The City of Bend will also support the project's efforts across Central Oregon, including rural areas and the Warm Springs Reservation, because we are stronger together. As with all partners, the City will connect community engagement with opportunities for community members to inform and shape policy choices.

Earth Advantage (a nonprofit): Earth Advantage[10] helps create an informed and humane residential real estate marketplace that: Acknowledges both the climate impacts of housing and the impact climate has on housing; Provides all homebuyers and renters with access to sustainability-related information about a home; Supports equitable housing outcomes, protecting those most vulnerable from the effects of climate change, and; Recognizes both the personal and societal value that climate-friendly housing creates. The organization's commitment to carbon reduction strategies is demonstrated by the 17,000+ individuals who have participated in Earth Advantage training, the approximately 4,000 high-performance residential units certified each year by our green building team, the 30,000+ homes with a verified Home Energy Score, and the over 2 million homes contained in our Green Building Registry. Earth Advantage will work with Unite Oregon and local electric utilities to build the capacity of community members to work with peers to access energy efficiency and other green homes opportunities and jobs. This includes amplifying a new green building career hub[11] with access to various career pathways and workforce development trainings in green building.

Midstate Electric Cooperative (MEC), Inc. (a rural electric Cooperative): MEC is a private, non-profit rural electric cooperative providing electrical power and related services to 17,233 member/owners in parts of four Central Oregon counties: Deschutes, Klamath, Lake, and Lane. MEC has provided power to residential, commercial, industrial, and agricultural members for 70 years. MEC will work with Unite Oregon to provide culturally responsive materials to recruit participants for energy efficiency incentive programs.

Southern Oregon Climate Action Now (non-profit): Southern Oregon Climate Action Now (SOCAN)[12] is a grassroots, volunteer, non-profit organization of area residents who care about climate change and have joined forces to take bold action against it. Through volunteer projects,

[9] https://www.bendoregon.gov/city-projects/sustainability/community-climate-action-plan
[10] https://www.earthadvantage.org/about-us/overview.html
[11] https://residentialcareerhub.org/
[12] https://socan.eco/#

they focus on reducing the impacts of Global Warming across Southern Oregon. For this project, SOCAN will support climate education workshops for Rogue Valley community members, and will work with Unite to connect our Rogue Valley community members to energy incentives and local energy incentive providers.

Unite Oregon will sustain each of these partnerships through a mix of government and private foundation funding. Unite's model of forming place-based and community-led chapters creates a cycle of ongoing leadership and capacity formation and sustains collaboration over time. Within this project, Unite will form a Central Oregon chapter to help sustain partnerships. The two Community Resilience Hubs will also institutionalize partnerships between government and community to sustain the work started before this grant, and deepened during it.

II. PROJECT ACTIVITIES/MILESTONE SCHEDULE

A. Project Activities

Our communities have told us that strong social connections lead to better mental health, and better mental health leads to better physical health. Our communities have told us they have a strong interest in their own sovereignty–their ability to shape their future, care for neighbors, and respond in the face of adversity. This Oregon Climate Resilience project builds on those directions from the community, focusing first in some of the areas with high climate disaster risk, pre-existing pressures on economic and environmental health, and where community leaders are stepping forward to take action.

These areas are the rural areas of Central Oregon and the Rogue Valley, including the Confederated Tribes of the Warm Springs Reservation, Cow Creek Band of Umpqua Tribe of Indians Reservation, and ceded lands for several other Oregon Tribes. The project's goals are to:

- Strengthen the capacity of community leaders in Central Oregon and the Rogue Valley to organize around climate justice, and take action on policies and other systemic inequities affecting their communities;
- Create the policies, procedures, and resources (via two Community Resilience Hubs) so communities with limited English proficiency, immigrants, rural Oregonians, and people of color have the same, safe, comfortable access to disaster response assistance from government, the private sector, and their neighbors; and
- Reduce home energy costs by increasing rural and tribal community access to residential home energy efficiency incentives from federal, state, and utility sources.

Goal 1: Strengthen capacity to take climate justice action

Unite Oregon will work with its Rogue Valley chapter and Warm Springs Community Action team to deepen and expand culturally specific outreach and recruitment efforts around climate and environmental justice in Central Oregon and the Rogue Valley.

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Task 1.1. Stand up a Central Oregon chapter of Unite to expand the work there: Unite Oregon's chapters provide ongoing capacity to recruit, grow, and support community leaders. Chapters are community-driven, and a space for community leaders to meet and collaboratively organize and advocate for policies that increase equity. Unite Oregon and Warm Springs Community Action team will lead engagement and planning to form a Central Oregon chapter focused especially in the Warm Springs Reservation lands, rural communities in Jefferson, Crook, and Deschutes Counties, and in the City of Bend. We anticipate reaching at least 200-230 people through a range of engagement efforts. That outreach will identify and support a core of 50-60 leaders we anticipate will lead a Central Oregon Chapter. Some of the supports a chapter would provide include:

- Expanding culturally specific outreach and recruitment efforts;
- Providing language interpretation to communities we serve in Central Oregon;
- Focusing on Indigenous outreach and relationship building;
- Providing capacity to a wide range of action campaigns to address injustice–environmental and otherwise; and
- Sustain Central Oregon's first chapter leadership council

Task 1.2. Deepen data justice capacity to analyze data and tell community stories: In partnership with the Coalition of Communities of Color (CCC), Unite Oregon will revisit communities who participated in our 2022 climate justice listening tours to provide the results of those listening tours with the release of our Climate Justice Listening Tour report. This follow up with community members will help Unite Oregon and CCC update a data justice training and approach for climate justice.

With an updated data justice training and approach complete, Unite Oregon and CCC will work with partners and community leaders to train 20-30 community leaders and partners on data justice best practices, and build community capacity to collect, assign meaning, and communicate the stories that their own data point to. Data justice[13] capacity strengthens the ability of community leaders to identify needs and opportunities, craft their solutions, and work with others to implement those solutions. The Warm Springs Community Action team will be a central focus for building this data justice capacity as a complement to the ongoing work on community development in the Confederated Tribes of the Warm Springs community.

Task 1.3. Sustain and expand engagement in the Rogue Valley: Unite Oregon's Rogue Valley chapter presented at and assisted in outreach and recruitment efforts for the first annual Southern Oregon University Climate Justice Conference in 2022. This work brought attention to climate justice issues in the region and allowed Unite Oregon to build new and strengthen existing relationships with community members, organizational partners, and stakeholders. We aim to build on these relationships in the coming years reconnecting with existing relationships and meeting new community members (about 300 people total). Unite Oregon's Rogue Valley chapter and Indigenous organizing staff will also engage with Cow Creek Band of Umpqua Indian Tribe members and other Indigenous communities connected to the Rogue Valley. Together

[13] https://www.datacenter.org/services-offered/research-justice/

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with the Rogue Valley chapter members, Unite Oregon's climate justice team will conduct "train the trainer" events to grow the capacity of the Rogue Valley chapter to engage in climate justice-related policy and other organizing work. Additionally, this model of training and community engagement will inform Unite Oregon's expansion to Central Oregon.

Goal 2. Increase utilization of energy efficiency incentives and reduce home energy costs by immigrants, refugees, people of color, and low-income Oregonians

Task 2.1. Partners understand existing incentive programs & community barriers to accessing them: Unite Oregon will work with Midstate Electric Cooperative, City of Bend, Earth Advantage, and other partners to understand the existing and emerging energy efficiency incentives available from the State of Oregon, utilities, and federal agencies under the Inflation Reduction Act and Bipartisan Infrastructure Law. There are many new programs, and our partners need to ensure we understand new opportunities available to Indigenous, immigrant, refugee, BIPOC and rural communities. Unite Oregon will work with community leaders, via listening sessions and community events, to understand barriers to accessing existing programs and potential barriers to accessing emerging programs. Some of the targets communities have articulated via the statewide Building Resilience coalition[14] include:

- Install 500,000 new heat pumps for low income households;
- Update building codes so new construction improves indoor air quality, even with wildfire smoke;
- Set energy efficiency standards for commercial buildings; and
- Update public buildings to be clean, efficient, and centers for resilience.

Task 2.2. Provide outreach campaigns to connect residents to incentive programs: Unite Oregon will work with the same parts in Task 2.1. to implement outreach campaigns specific to the immigrant, refugee and BIPOC communities Unite Oregon serves in Central Oregon and the Rogue Valley (reaching at least 200 households). We will provide translation and interpretation into the languages of the communities we serve, which can include Spanish, Burmese, Arabic, Nepali, Amharic, Swahili, Somali, and Thai. We anticipate that about 50% of the people we reach will utilize incentive programs (about 100 households).

Task 2.2. Increase and sustain more diverse utilization of energy efficiency incentives: Unite Oregon will work the same partners in Task 2.2. to institutionalize culturally-specific engagement practices within the organizations who provide incentives. This will sustain the ongoing outreach needed, and lead to policy and procedural changes needed to overcome some of the existing barriers to accessing energy efficiency incentives. Unite Oregon will also work with partners to compile lessons learned and share those lessons learned with other energy incentive providers–especially rural electric cooperatives.

Goal 3: Create equal, safe, comfortable access to climate disaster resources for response, recovery, and resilience

[14] https://buildingresilience.org/what-were-working-on

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Task 3.1. Map necessary system components for a Community Hub: Unite Oregon will work with its Rogue Valley Chapter and emerging leaders in a future Central Oregon Chapter to identify the component parts of a Community Resilience Hub in each region. Unite Oregon is aware of some of these component parts based on our Almeda Fire/Rogue Valley work, which include:

- A central point for gathering, information sharing, and coordination in response to a disruption in the community;
- Is positioned, operated and resourced on a day-to-day basis to provide community resources, including but not limited to food, water, information exchange, electronic charging stations, basic medical supplies and equipment proportionate to the size of the community's population and needs;
- Community cache sites and support for community members who shelter in place;
- Child care, training, food distribution and other services so a community can respond to unmet social needs to prepare for, respond to and recover from disasters; and
- Provide, or retrofitted to provide, heating, cooling, air filtration and weather protection.

As part of Task 3.1, Unite Oregon will review these components with community leaders and partners to see which services might need to be adapted, added, or removed. Unite Oregon will also work with partners to identify how these Hubs and associated networks can/need to be integrated with ongoing efforts from local and state offices of emergency management, Oregon's Medicaid 1115 waiver implementation for climate response, county services, and nonprofit emergency response such as the Red Cross.

Task 3.2. Craft multi-stakeholder partnership for implementation of the Hub: Unite Oregon and project partners will continue to convene potential Community Hub partners in the Rogue Valley and Central Oregon to come to consensus on agreements needed to implement the Hubs. Those agreements include:

- Staffing, roles and responsibilities;
- Commitments to center justice and strategies for culturally-specific services; and
- A budget and sustainability plan to ensure the Hubs exist over time.

Task 3.3. Activate two Community Resilience Hubs: Hub partners will begin implementing the partnership agreements developed in Task 3.2. Unite Oregon will also work with partners to compile lessons learned and share those lessons learned with other climate and emergency response networks–especially rural and tribal wildfire and emergency response networks.

B. Milestone Schedule

Project Year / Quarter	Year 1		Year 2		Year 3	
	Q 1-2	Q 3-4	Q 1-2	Q 3-4	Q 1-2	Q 3-4
Milestone						
Strengthen capacity for climate action						
Central Oregon chapter: 200-230 outreach contacts	30	40	45	45	40	30
50-60 potential community leaders reached and trained	5	10	15	15	10	5
90% of community leaders (52) report gaining new knowledge of climate justice and new leadership skills	4	9	13	13	9	4
Central Oregon chapter: Leadership committee formed		50%	100%			
Data justice: 2 listening session revists	2					
Data justice: 20-30 partner and community leaders trained		15	15			
Rogue chapter: Grow capacity and sustain relationships via 300-330 contacts	55	55	55	55	55	55
Increase utilization of energy efficiency incentives						
Compiled, culturally-specific information on energy efficiency incentives- both opportunities and barriers	50%	100%				
200 community households reached with outreach campaigns			50	50	50	50
90% of households reached (160) report their access needs were met regardless of language or disability			40	40	40	40
50% of households reached (100) applying for energy efficiency incentives- disaggregated by rural, BIPOC, and income			25	25	25	25
Sustainability plan complete for continuing culturally-specific outreach services					50%	100%
Lessons learned package created and shared with other energy efficiency incentive providers					50%	100%
Create equal access to climate disaster resources for response, recovery, and resilience						
Community Hub component parts identified and adapted for Central Oregon and Rogue	50%	100%				
Partnership agreements finalized between Hub partners			50%	100%		
Two Community Resilience Hubs are active					50%	100%
Lessons learned package created and shared with other energy efficiency incentive providers					50%	100%
Reporting & communications						
Semi-annual reports submitted to EPA	1	1	1	1	1	1
Quarterly meeting with EPA Regional Project Officer	2	2	2	2	2	2
Participation in EJ Grantee Training Workshops		1		1		1
Final Technical and Status Reports to EPA						100%
Post-project updates to EPA Regional Project Officer	2+ updates post Year 3					
Total Award Expended (Estimated %):	10%	30%	40%	60%	70%	100%

C. Itemized budget & budget narrative

See Attachment A for Budget and Budget Justification.

Total Project Cost:
Federal funds requested: $500,000 (approx. $167,000/yr)

III. ENVIRONMENTAL RESULTS- OUTPUTS, OUTCOMES, MEASURES

A. Environmental Results (Logic Model)- **see Attachment B**

B. Performance Measurement Plan

Unite Oregon manages all of its projects using a combination of initial work planning and goal setting, regular project/management/financial staff check ins, and utilizing the project management tool Asana to track who is working on which tasks. Unite Oregon also uses an internal CRM Database for entering and tracking all data, which we will use for reporting purposes. Unite Oregon collects consistent community engagement data across project and funding types (e.g., participant numbers; training and engagement session attendance; demographic information for participants; participants receiving language interpretation, stipends, mileage, childcare, food, technology supports; and skills and capacities gained).

These systems allow for multiple collaborative efforts to go on simultaneously with a mix of community, external organizations, and internal staff teams. Unite Oregon also practices continual learning, reflecting on projects and programs based on Unite staff and community feedback at regular intervals during and after a project. That learning focuses on successes achieved, opportunities for improvement, and lessons to inform practices across programs.

As part of this project, Unite Oregon is also excited to work closely with our EPA program officer in Region 10 and other EJ grantees through training workshops and other cohort learning and sharing opportunities. We are also excited to work with the newly announced Thriving Communities Technical Assistance Centers here in the Northwest. Unite Oregon will track project and fiscal information needed to provide semi-annual and final reports to EPA, especially information on how this project serves Justice 40 communities. Unite Oregon also commits to providing regular post-project updates to our EPA project officer.

C. Sustainability Plan & Community Vision

Unite Oregon commits to communities for the long-term. Part of this project establishes a Central Oregon chapter of Unite Oregon (launching with dedicated staff) and deepens capacity and relationships in the Rogue Valley. These organizing structures help sustain partnerships and relationships. Ongoing funding partners include grants from public (e.g., Oregon Health Authority) and private (e.g., Energy Foundation, Meyer Memorial Trust, Oregon Community Foundation, etc.) grants.

The climate resilience hub activities and the actions to improve access to energy efficiency incentives will be incorporated into the normal operations of government and energy utilities. Part of the partnership formation includes how offices of emergency management, healthcare, and others can fund the ongoing work of climate hubs through their annual budget lines.

IV. PROGRAMMATIC CAPABILITY

A. Organizational Experience

Unite Oregon has decades of experience across Oregon connecting community members to find the solutions they need in ways that disrupt patterns of extraction, exploitation, and dependency. Unite Oregon uses civic engagement, policy advocacy, intergenerational leadership development, community organizing, and community services to advance the justice our communities seek. Those focal areas today include Climate, Housing, Community Safety, Education, Economic, and Health justice.[15]

Unite Oregon's leadership programs have graduated over 100+ immigrants, refugees, and BIPOC from our no-cost popular education-based programs, and our founder Kayse Jama[16] moved on from Unite Oregon to become the first former refugee, Black Muslim and Somali-American to serve in the Oregon State Senate. Our Refugee, Immigrant, BIPOC , Political Leadership and Education (RIPPLE) program educates community members on how to organize, advocate for communities, turn ideas into policy, and run for office. Anti-Displacement PDX focuses on empowering, educating, and developing advocacy skills to create opportunities that minimize displacement risks for our communities in the Portland Metro area. Unite Oregon has also grown its capacity to link direct services and organizing–building a community garden, delivering rental and other assistance during the COVID-19 pandemic, and following our communities' interest in climate and environmental justice.

In 2020, our communities called on Unite to support a culturally-specific response to the Almeda Fire in the Rogue Valley. In 2022, our partners with Oregon Just Transition Alliance and Participatory Budgeting Oregon called us in to engage in listening to communities about climate concerns. These projects have grown into a relatively new body of Climate Justice work for Unite, but a set of services and organizing communities are increasingly calling for.[17]

B. Staff Experience

The Oregon Resilience Project will be co-led by Unite Oregon's Becca Phelps, Climate Resilience and Environmental Justice Manager; and Rene Braga, Rogue Valley Climate Justice Community Organizer. Resumes that highlight the expertise and relevant experience of key Unite Oregon staff and external partners are attached in Attachment D. Unite Oregon's key personnel include:

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[15] https://www.uniteoregon.org/our-work-1
[16] https://www.oregonlegislature.gov/Jama
[17] https://www.uniteoregon.org/climate-justice.

Becca Phelps, Climate Resilience and Environmental Justice Manager, will oversee this Oregon Climate Resilience project. Becca's superpower is basebuliding/networking/grassroots organizing. She has co-led campaigns, managed youth education environmental programs, and bridged rural/urban communities to work together. Her experience with Unite Oregon and The Environmental Center in Central Oregon[18] centered a lot of growing new relationships (e.g., cold calling grassroots efforts, door knocking, etc.) and establishing sustainable programs. Becca established the Green Leadership Coalition for The Environmental Center for high school youth, and was able to acquire long-term funding within the first year of the launch. Becca approaches her work through a lens of trauma-informed care and leadership development.

Rene Braga, Rogue Valley Climate Justice Community Organizer, will lead the engagement, climate hub, and energy efficiency outreach work in the Rogue Valley. Rene's superpower is recognizing and distinguishing tools designed to maintain certain power structures to more effectively help dismantle them, and create a more equal, fair, compassionate and informed collective, where we can all raise our kids safely. Rene was a frontline responder to the Almeda fire in the Rogue Valley. He provided direct outreach and engagement to the Latinx communities in the FEMA camps after the fire. He developed outreach printed materials, videos, and other materials to connect people to resources for recovery. Rene canvassed communities via in-person and virtual methods, and acted as a translator (both English-Spanish and bureaucrat-community) between institutions with resources and communities who need them. Rene also has a background in financial education through his work at local banks.

C. Expenditure of Awarded Grant Funds

Unite Oregon's Finance and Development Teams have robust internal controls to ensure appropriate use and tracking of federal funds. Unite Oregon will track the funds discretely and evaluate each cost for allowability, as well as compare the budget to the actuals on a monthly basis. We are also currently undergoing a uniform guidance assessment which will ensure that our policies and procedures align with cost assignment principles under the Office of Management and Budget compliance regulations. Some of the procedures we currently use include:

- Timesheets coded to particular projects;
- Providing project managers with monthly budget to actual expenditures by project and budget categories;
- Monitoring sub awardees for compliance with grant objectives; and
- Ensuring Civil Rights compliance and broader consistency with equity and justice values for ourselves and our sub awardees.
- PEX online software to disburse needs-based and program participation compensation (includes discreet charge of request, approval, and fulfillment activities)

[18] https://envirocenter.org/

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Unite Oregon's finance team uses MIP Fund Accounting software to track federal grant compliance and timely appropriate use of funds. Unite Oregon receives annual independent financial statement audits, and has yet to complete its 2022 audit.

V. PAST PERFORMANCE

Unite Oregon has managed complex state, local, and private grants and contracts. Unite Oregon recently completed our first direct federal grant with the Environmental Protection Agency in February 2023. Over the past three years, our organization received various federal funds via subawards, grants, and contracts to provide wildfire resources, cash assistance, and preparedness materials to our community members. Five relevant awards to Unite Oregon in the last three years are highlighted below:

Environmental Protection Agency: People Science Training and Risk Assessment for Low-income Latinx and BIPOC Families to Address Hazardous Air Pollutants and Health Impacts (FEDERAL AGREEMENT #Ex. 6 Personal Privacy (PP), $75,000, 2/1/2022-2/1/2023)

Unite Oregon recently completed a grant in the Rogue Valley to increase the community awareness of air quality, heavy metal exposure, particulate matter, asbestos fibers, contaminated soil, and to take health preventative measures during poor air quality days. These funds also supported training community members on emergency response procedures to help protect families during future catastrophic fires, as well as interventions to mitigate negative health impacts and strengthen the overall health of our communities. Unite Oregon has consistently complied with EPA reporting requirements and meetings with our program officer.

Oregon Health Authority: Public Health Modernization ($525,000, April 2022-June 2023)

Unite Oregon is completing the final quarter of our environmental public health, climate change, and emergency preparedness work under this grant. Unite Oregon has identified, assessed, and reported risks to human health from exposure to environmental and occupational hazards, and supported communities with potential risks where they live, work, play, and learn to remain healthy and safe. Oregon Health Authority (OHA) provided an amendment with additional funding to Unite Oregon to increase our capacity to expand this work in the rural Rogue Valley. Unite Oregon completes quarterly reports and meets with an OHA program officer monthly under this grant agreement.

Meyer Memorial Trust: Environmental Justice Data Mapping ($90,000, 4/1/2022 to 3/31/2023)

This award centers Oregon's frontline and fenceline communities and community-based organizations in the development of environmental justice data and mapping tools across the state. Unite Oregon has led 4 regional climate justice listening tour sessions with 200 people engaged to influence the environmental justice mapping tool launch via the governor's office.

Unite Oregon successfully managed, executed and completed all grant agreements and reporting requirements.

American Red Cross via Oregon Community Fund: Wildfire Recovery and Rebuilding ($250,000, 1/1/2021-8/31/2022)

Through this grant Unite Oregon was able to successfully execute various recovery and rebuilding efforts to support wildfire survivors that were displaced by the 2020 Almeda wildfire in the Rogue Valley. We distributed funds directly to our low-income, undocumented and BIPOC community members, which assisted with rent payments, utility payments, etc. Additionally, Unite Oregon dispersed essential items for families who lost everything, including emergency go-bags, food, hygiene products, suitcases, plastic storage containers, clothing for children and adults, personal protective equipment, and air purifiers. We shared information through community networks and social media about relief efforts and resources available to displaced families. Unite Oregon met all grant and reporting requirements in a timely manner.

Oregon Consumer Justice: Climate Justice Capacity Building ($100,000, 6/1/2022-6/30/2024)

Unite Oregon aims to support capacity building for our staff in climate justice-related consumer justice issues, including energy costs/utilities, energy efficiency, knowledge of rebate programs, electrification, transportation, and advancing policies related to decarbonization for buildings and homes. For this project, Unite Oregon is conducting trainings and listening sessions across the state related to climate justice and consumer justice issues, addressing topics that disproportionately affect low income, immigrant, refugee, non-English-speaking, BIPOC community members to ensure that our communities are centered in our consumer justice and climate justice efforts. Unite Oregon is successfully managing grant requirements.

VI. QUALITY ASSURANCE PROJECT PLAN

This project will require a Quality Assurance Project Plan (QAPP), which will be developed upon notice of award. Unite Oregon has developed an EPA-approved QAPP recently as part of another EPA grant with Beyond Toxics[19] that measures particulate matter and soot in homes in wildfire-affected communities in the Rogue Valley. We will use that QAPP as a model for this project, but anticipate only collecting qualitative data on community needs and preferences.

ATTACHMENTS

A. Itemized Budget Sheet
B. Environmental Results / Logic Model
C. Partner Letters of Commitment
D. Resumes
E. 501c3 Letter

[19] https://www.beyondtoxics.org/

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Farmworker Justice

Address: 1126 16th St. NW
Ste LL-101

City: Washington

State: DC: District of Columbia Zip Code: 20036

B. Unique Entity Identifier (UEI): P5KWHV8QH7F1

C. Applicant/Recipient Point of Contact

Name: Alexis Guild

Phone: Ex. 6 Personal Privacy (PP)

Email: aguild@farmworkerjustice.org

Title: Vice President, Strategy & Programs

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☐ Yes ☒ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☐ Yes ☒ No

c. **Does the notice identify a designated civil rights coordinator?** ☐ Yes ☒ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☐ Yes ☒ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☐ Yes ☒ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Natalie Camacho Mendoza	CEO	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Ron | Middle Name:
Last Name: Estrada | Suffix:
Title: CEO
Complete Address:
Street1: 1126 16th St. NW
Street2: Ste LL-101
City: Washington | State: DC: District of Columbia
Zip / Postal Code: 20036 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: restrada@farmworkerjustice.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Yolanda | Middle Name:
Last Name: Rodriguez | Suffix:
Title: Director of Finance and Operations
Complete Address:
Street1: 1126 16th St. NW
Street2: Ste LL-101
City: Washington | State: DC: District of Columbia
Zip / Postal Code: 20036 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: finance@farmworkerjustice.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Yolanda | Middle Name:
Last Name: Rodriguez | Suffix:
Title: Director of Finance and Operations
Complete Address:
Street1: 1126 16th St. NW
Street2: Ste LL-101
City: Washington | State: DC: District of Columbia
Zip / Postal Code: 20036 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: finance@farmworkerjustice.org

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** | **First Name:** Mayra | **Middle Name:**

Last Name: Reiter | **Suffix:**

Title: Project Director, Occ Safety and Health

Complete Address:

Street1: 1126 16th St. NW

Street2: Ste LL-101

City: Washington | **State:** DC: District of Columbia

Zip / Postal Code: 20036 | **Country:** USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**

E-mail Address: mreiter@farmworkerjustice.org

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier: DC

8. APPLICANT INFORMATION:

* a. Legal Name: Farmworker Justice Fund, Inc.

* b. Employer/Taxpayer Identification Number (EIN/TIN): 52-1196708

* c. UEI: P5KWHV8QH7F1

d. Address:

* Street1: 1126 16th St. NW
Street2: Ste LL-101
* City: Washington
County/Parish: DC
* State: DC: District of Columbia
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 20036-4804

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Alexis
Middle Name:
* Last Name: Guild
Suffix:

Title:

Organizational Affiliation: Farmworker Justice

* Telephone Number: Ex. 6 Personal Privacy (PP)
Fax Number:

* Email: aguild@farmworkerjustice.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Wildfire Preparedness and Resiliency in Farmworker Communities

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: DC-001 * b. Program/Project: WA-004

Attach an additional list of Program/Project Congressional Districts if needed.

1235-Congressional districts of project.do | Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 10/01/2023 * b. End Date: 09/30/2026

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	500,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☒ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☐ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name: Ron

Middle Name:

* Last Name: Estrada

Suffix:

* Title: CEO

* Telephone Number: Ex. 6 - Personal Privacy (PP) Fax Number:

* Email: restrada@farmworkerjustice.org

* Signature of Authorized Representative: Natalie Camacho Mendoza * Date Signed: 04/14/2023

WB4sBJaKodfl7K8XqHjl2ua1XDk=

Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Farmworker Justice

Ron
Estrada

CEO
1126 16th St. NW
Ste LL-101
Washington
DC: District of Columbia
20036
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
restrada@farmworkerjustice.org

Yolanda
Rodriguez

Director of Finance and Operations
1126 16th St. NW
Ste LL-101
Washington
DC: District of Columbia
20036
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
finance@farmworkerjustice.org

Yolanda
Rodriguez

Director of Finance and Operations
1126 16th St. NW
Ste LL-101
Washington
DC: District of Columbia
20036
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
finance@farmworkerjustice.org

Mayra
Reiter

Project Director, Occ Safety and Health
1126 16th St. NW
Ste LL-101
Washington
DC: District of Columbia
20036
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
mreiter@farmworkerjustice.org

1234-Project Work Plan.pdf
application/pdf
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1.0
66.306
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FJ does not have an indirect cost rate agreement

Application
New
2023-04-14
DC
Farmworker Justice Fund, Inc.
52-1196708
P5KWHV8QH7F1
1126 16th St. NW
Ste LL-101
Washington
DC
DC: District of Columbia
20036-4804
USA: UNITED STATES

Alexis
Guild

Farmworker Justice
Ex. 6 Personal Privacy (PP)
aguild@farmworkerjustice.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Wildfire Preparedness and Resiliency in Farmworker Communities
DC-001
WA-004
1235-Congressional districts of project.docx
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2023-10-01
2026-09-30
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500000.00
b. Program is subject to E.O. 12372 but has not been selected by the State for review.
N: No
Y: Yes
Ron
Estrada

CEO
EX. 6 - Personal Privacy (PP)
restrada@farmworkerjustice.org
Natalie Camacho Mendoza
2023-04-14

Farmworker Justice
1126 16th St. NW
Ste LL-101
Washington
DC: District of Columbia
20036

P5KWHV8QH7F1
Alexis Guild
Ex. 6 Personal Privacy (PP)
aguild@farmworkerjustice.org
Vice President, Strategy & Programs
N: No
N: No
Y: Yes
N: No
N: No
N: No
N: No
N: No
Natalie Camacho Mendoza
CEO
2023-04-14

1236-Attachment 1 - Budget Narrative.pdf
application/pdf
BB0ogLXj7NF0msF5riSWrokGpEU=

1237-Attachment 2_Environmental results (logic model).pdf
application/pdf

sKob1xIe9CUNOI1aUEsgL+/bvYU=

1238-Attachment 3 - Letters of Commitment.pdf
application/pdf
dS3tzQ9dX3DGKRogN0znyojqvWA=

1239-Attachment 4 - Key Personnel Resumes.pdf
application/pdf
PxwmrTd8IMmfiyz8+Oy++fZ40X4=

1240-Attachment 5 - 501(C)(3) Letter.pdf
application/pdf
1E+0j9PubJOaYj4mMuiUjBb25NU=

WB4sBJaKodfl7K8XqHjl2ua1XDk=
2023-04-14T13:29:13.000-04:00
Natalie Camacho Mendoza
GRANT13861289

	Description	Total
Personnel	• Mayra Reiter (Project Manager/Project Director, Occupational Safety and Health) @ Ex. 6 Personal Privacy (PP) FTE over 3-year project period = Ex. 6 Personal Privacy (PP) • Project Coordinator @ $55,000 X .25 FTE over 3-year project period = $41,250 • Rebecca Young (Director of Programs) @ Ex. 6 Personal Privacy (PP) FTE over 3-year project period = $25,650 • Legal Fellow @ $54,000 X .05 over 3-year project period FTE = $8,100 • Antonio Chaurand (Communications Specialist) @ Ex. 6 Personal Privacy (PP) FTE over 3-year project period = Ex. 6 Personal Privacy (PP) • Alexis Guild (VP, Strategy and Programs) @ Ex. 6 Personal Privacy (PP) FTE over 3-year project period = Ex. 6 Personal Privacy (PP) • Yolanda Rodriguez (Director of Finance and Operations) @ Ex. 6 Personal Privacy (PP) FTE over 3-year project period = Ex. 6 Personal Privacy (PP) • Ron Estrada (CEO) @ Ex. 6 Personal Privacy (PP) FTE over 3-year project period = Ex. 6 Personal Privacy (PP)	$131,700
Fringe Benefits	Fringe Benefits are calculated at 25% of personnel salaries	$32,925
Travel	Travel for one FJ staff to attend three Washington state promotora trainings (one training/year): Per diem - $69/day for 3 days, Lodging - $175 for 2 nights, Airfare - $500, Ground transportation (rental car) - $300	$4,071
Equipment	N/A	$0

Supplies	Supplies are calculated based on project FTE (.64) - $1,083 X .64 FTE over 3-year project period	$2,080
Contractual	Contractual costs are calculated based on project FTE (.64) over 3-year project period • Accounting (Marc Friedman & Associates) - $7,693 X .64 FTE = $14,771 • Audit (Gelman, Rosenberg & Freedman) - $2,500 X .64 FTE = $4,800 • Data Processing (ADP) - $2,500 X .64 FTE = $4,800 • Website Maintenance & IT (EMC Virtualport) - $1,668 X .64 FTE = $3,203	$27,574
Indirect Costs	N/A	
Other	• Subawards to CBOs for outreach activities (Northwest Regional Primary Care Association, National Migrant and Seasonal Head Start Collaboration Office) - $20,000/CBO/year over 3-year project period = $180,000 • Northwest Center for Public Health Practice (evaluation consultant) - $20,000 over 3-year project period • Tech consultant to develop SMS platform and messaging - $64,000 over 3-year project period • Translation of toolkit/project materials into Spanish and other languages as identified in needs assessment - $3,275 over 3-year project period • Graphic design of project materials - $5,000 over 3-year project period	$301,650

	• Virtual National Convening for Wildfire Preparedness during year 3 (virtual platform and Spanish interpretation) - $5,000 • Printing (project materials for distribution by community partners during 3-year project period) - $6,000 FJ does not have an indirect cost rate agreement. Overhead costs are calculated based on project FTE over 3-year project period • Postage & Shipping - $416 X .64 FTE = $799 • Telephone & Internet - $1,000 X .64 FTE = $1,920 • Subscriptions & References - $500 X .64 FTE = $960 • Printing - $833 X .64 FTE = $1,599 • Board Costs - $208 X .64 FTE = $399 • Rent - $3,042 X .64 FTE = $5,841 • Staff Development - $833 X.64 FTE = $1,599 • Dues & Membership Fees - $375 X .64 FTE = $720 • Property & Liability Insurance - $518 X .64 FTE = $995 • Recruitment & Relocation - $1,333 X .64 FTE = $2,559 • Litigation Costs - $83 X .64 FTE = $159 • Taxes & Licenses - $12 X .64 FTE = $24 • Meeting Costs - $417 X .64 FTE = $801	
		$500,000

ED_016126_00000574-00003

Ex. 6 Personal Privacy (PP)

EDUCATION

American University, School of International Service; Washington, DC (2011-2012)

- Master in International Service. August 2012.

Indiana University; Bloomington, IN (1998-2001)

- M.S. Environmental Sciences; Master of Public Affairs. May 2001.
    - o Overseas study: National Institute for Development Administration, Bangkok.

University of Puerto Rico; San Juan, Puerto Rico (1994-1998)

- B.S. in Natural Sciences. Major: Environmental Sciences. May 1998.

EXPERIENCE

Farmworker Justice; Washington, D.C. (2019-Present)

- Project Director, Occupational Safety and Health
    - o Lead the organization's occupational safety and health projects, including those on heat stress, wildfire smoke and pesticide protections
    - o Advocate before EPA and OSHA for better environmental and workplace protections for farmworkers
    - o Provide technical assistance and training to community health center staff aimed at improving agricultural workers' access to quality health care and other services
    - o Contribute research and writing for publications on farmworker health topics, including a Health Policy Bulletin, issue briefs, reports, etc.
    - o Write comments to federal and state agencies concerning pending regulations and programs affecting farmworker health and environmental justice
    - o Translate or review Spanish translations of published materials

Freelance translator (2013-2015)

- Performed English-Spanish and Spanish-English document translation

Amnesty International; Washington, DC (2011-2012)

- State Death Penalty Abolition Coordinator (Volunteer)

- Organized events, planned/managed event logistics and coordinated volunteer efforts

Environmental Law Institute; Washington, DC (2012)

- Visiting Researcher
  - Supervised interns
  - Researched natural resource management's role in post-conflict recovery

Bentz Whaley Flessner; Arlington, VA (2011)

- Research Associate
  - Collected and analyzed philanthropic giving data
  - Researched prospects for board member recruitment by institutions of higher education

Natural Resources Defense Council (2001-2010)

- Research Associate
  - Served as lead researcher and co-author of published reports on environmental policy and health
  - Performed research on issues such as pesticide exposure, endocrine disruptors, mercury pollution and water contamination to support Public Health Program projects
  - Drafted informational materials on environmental health issues
  - Planned and coordinated research projects; managed logistics
  - Designed research protocols and led field research projects; produced research reports and fact sheets
  - Drafted comments and recommendations to federal agencies on pending regulations
  - Represented the organization in interviews with Spanish language media

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) South Portland, ME 04106
Ex. 6 - Personal Privacy (PP) / Ex. 6 Personal Privacy (PP) @farmworkerjustice.org

EDUCATION

SIT Graduate Institute, Brattleboro, VT
Master of Arts in Intercultural Service, Leadership, & Management (August 2011)
Coursework includes: Training & Design for Experiential Learning, Cross-Cultural Counseling, Development Management: Program Planning & Development, Policy Advocacy, Training for Social Action, Training of Trainers, Issues in Indigenous Rights

Bowdoin College, Brunswick, ME
Bachelor of Arts in Anthropology and English (May 1998)

EXPERIENCE

Director of Programs (March 2023-present)
Farmworker Justice, Washington, DC
Lead direction of Programs' Team ensuring alignment with mission. Oversee projects, ensuring compliance with funders' directives. Develop curriculum and implement trainings for lay health educators. Provide bilingual (Spanish/English) technical assistance and training to community-based member organizations.

Senior Project Director, Community Engagement & Health Promotion (September 2013-March 2023)
Farmworker Justice, Washington, DC
Monitor and evaluate program effectiveness and progress toward goals. Develop curriculum and implement trainings for lay health educators. Provide bilingual (Spanish/English) technical assistance and training to community-based member organizations.

Project Manager, Community Engagement & Health Promotion (December 2010-September 2013)
Farmworker Justice, Washington, DC
Currently serving as Project Manager in Farmworker Justice's Occupational Safety and Heatlh program. Develop health and safety curriculum dependent on community-based organizations' needs. Develop and implement trainings for lay health educators. Provide bilingual (Spanish/English) technical assistance and training to community-based member organizations.

Health & Safety Program Manager (June 2008-December 2010)
Association of Farmworker Opportunity Programs, Washington, DC
Served as Program Manager for the Farmworker Health & Safety Alliance. Managed three programs funded by US EPA and AmeriCorps National Direct. Developed, executed, and monitored curriculum and training for flagship pesticide safety and heat stress programs. Provided bilingual (Spanish/English) technical assistance and training to community-based member organizations. Built key relationships with member organizations, a vast network of health and safety trainers, and strategic partnerships including national and regional EPA and Department of Agriculture staff. Planned and conducted bilingual train the trainer

courses for 120 pesticide safety trainers nationawide. Presented at local and national conferences.

SKILLS

Spanish/English fluency (written and verbal), training and meeting facilitation

April 7, 2023

NORTHWEST REGIONAL PRIMARY CARE ASSOCIATION

Alaska Idaho Oregon Washington

Ron Estrada
CEO
Farmworker Justice
1126 16th St. NW, Suite LL-101
Washington, DC 20036

RE: Letter of Commitment – Funding Opportunity EPA-R-OEJCR-OCS-23-01, Environmental Justice Collaborative Problem Solving (EJCPS) Cooperative Agreement Program

Dear Mr. Estrada,

The Northwest Regional Primary Care Association (NWRPCA) looks forward to working with Farmworker Justice on its Wildfire Preparedness and Resiliency project under EPA's EJCPS Cooperative Agreement. This project is an opportunity to support farmworker families as they encounter the continued threats due to climate change.

NWRPCA serves community and migrant health centers (C/MHCs) in region X, which includes Alaska, Idaho, Oregon, and Washington. Founded in 1983, NWRPCA offers a range of programs and services to support and strengthen C/MHCs in the Northwest and works to ensure equal access, regardless of one's financial or insurance status, to primary and preventive health care for all residents living in the region.

As a project partner, NWRPCA will support the development and dissemination of project material in Washington State. Working with the community health centers across the state, we will: support the gathering of information during the needs assessment at the beginning of the project period; encourage outreach staff at health centers to promote the dissemination of the toolkit created by Farmworker Justice to support information-sharing; participate in evaluations of the toolkit to ensure that materials are appropriate for and responsive to farmworkers; and participate in the project's Advisory Committee. In addition, NWRPCA will leverage its role as the organizer of the Western Forum for Migrant and Community Health to share FJ's toolkit and wildfire preparedness resources with health center and community organization outreach staff from Washington, Oregon, Idaho, California, Arizona, and other states from across the country that participate in the annual conference. NWRPCA will also invite Farmworker Justice to participate as a trainer at the annual Washington State Network of Promotoras and Community Health Workers Spring Intensive Training, which we help co-organize with other state and local organizations, including the Washington Association for Community Health. NWPRCA will also participate in a national convening to be held during year 3 of the project period. FJ will provide NWRPCA with a total subaward of $60,000 to support project activities.

200 W Thomas Street, Suite 330 • Seattle, WA 98119 • Ex. 6 - Personal Privacy (PP) • fax: Ex. 6 Personal Privacy (PP) • www.nwrpca.org

FJ is a valued partner. We currently co-lead a COVID-19 coalition, comprised of frontline staff from organizations in Washington and other states. Last year, NWRPCA worked with FJ and members of the COVID-19 coalition to support efforts to improve wildfire smoke and heat protections across the Western States (Washington, Oregon, and California). Wildfire preparedness and response is an important issue for our health center members who serve farmworker and rural communities. We are committed to continuing this collaboration and partnership through our partnership on the Wildfire Preparedness and Resiliency project.

Sincerely,

Bruce Gray

Bruce Gray, CEO
Northwest Regional Primary Care Association

200 W Thomas Street, Suite 330 • Seattle, WA 98119 • Ex. 6 - Personal Privacy (PP) • fax: Ex. 6 Personal Privacy (PP) • www.nwrpca.org

MOSES LAKE
COMMUNITY HEALTH CENTER

HEALTHCARE WITH A HEART

605 Coolidge Street, Moses Lake, WA 98837 T Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP)
1450 First Avenue SW, P.O. Box 67, Quincy, WA 98848 T Ex. 6 Personal Privacy (PP) F Ex. 6 Personal Privacy (PP)
www.mlchc.org

March 30, 2023

Ron Estrada
CEO
Farmworker Justice
1126 16th St. NW, Suite LL-101
Washington, DC 20036

RE: Letter of Commitment – Funding Opportunity EPA-R-OEJCR-OCS-23-01, Environmental Justice Collaborative Problem Solving (EJCPS) Cooperative Agreement Program

Dear Mr. Estrada,

Moses Lake Community Health Center (MLCHC) looks forward to working with Farmworker Justice (FJ) on its Wildfire Preparedness and Resiliency project under EPA's EJCPS Cooperative Agreement. This project is an opportunity to support farmworkers in Central Washington as they encounter the continued threats due to climate change.

MLCHC has served the communities of Grant County Washington since 1978. We have a rich history of working with the farmworkers in our area and 45 years ago we committed ourselves to providing high quality, compassionate, and comprehensive primary health services for the entire family, with a special focus on the underserved and migrant farmworkers in our community. We have a dedicated and creative Outreach team works toward the following goals:

- Provide mental health prevention information to patients and community members including access.
- Provide prevention education and control chronic diseases: hypertension, diabetes etc.
- Increase social services assistance for patients in the following areas: housing, transportation, clothing and food.
- Increase knowledge of services provided by ML/QCHC to the community and patients.
- Strengthen social and community context, leveraging social media to engage and create access to care for our patients and our partners.

As a project partner, Moses Lake Community Health Center will support the development and dissemination of project materials to farmworkers in the Moses Lake/Quincy, Washington communities. Our team of promotores de salud will: participate in the needs assessment at the beginning of the project period; share the toolkit, including educational materials, to farmworkers during outreach activities; encourage utilization of the text messaging/SMS created by Farmworker Justice to support information-sharing; participate in evaluations of the toolkit and the tech/SMS platform to ensure that materials are appropriate for and responsive to farmworkers. Moses Lake Community Health Center will participate on the project's Advisory Committee and in the national convening to be held in year 3. To support these efforts, FJ will provide Moses Lake Community Health Center with a total subaward of $60,000.

We currently partner with FJ on a variety of activities, including an outreach project focused on health insurance education and enrollment. We are committed to continuing this collaboration through our partnership on the Wildfire Preparedness and Resiliency project.

Sincerely,

Sheila Berschauer

Sheila Berschauer
Chief Executive Officer

fhi360
THE SCIENCE OF IMPROVING LIVES

March 31, 2023

Ron Estrada
CEO
Farmworker Justice
1126 16th St. NW, Suite LL-101
Washington, DC 20036

RE: Letter of Commitment – Funding Opportunity EPA-R-OEJCR-OCS-23-01, Environmental Justice Collaborative Problem Solving (EJCPS) Cooperative Agreement Program

Dear Mr. Estrada,

Through its leadership on the National Migrant and Seasonal Head Start Collaboration Office (NMSHSCO), FHI 360 looks forward to working with Farmworker Justice on its Wildfire Preparedness and Resiliency project under EPA's EJCPS Cooperative Agreement. This project is an opportunity to support farmworker families as they encounter the continued threats due to climate change.

FHI 360 is a global non-profit organization that advances equity, health and well-being through data-driven, locally led solutions — so that humanity thrives. FHI 360 has operated the Region XII Collaboration Office since 2007. NMSHSCO has been led by the current Collaboration Director, Guadalupe Cuesta, since its inception. The NMSHSCO staff have facilitated collaboration among Migrant and Seasonal Head Start, Regional Head Start, and Early Head Start programs with entities that carry out activities designed to benefit low-income children from birth to school entry and their families. FHI's MSHSCO Director and staff possess a wealth of experience, a passionate commitment to the Head Start mission, and a deep understanding of the cultural and economic realities that shape and impact MSHS families and stakeholders – attributes that are all essential to the delivery of high quality services to MSHS grantees.

As a project partner, the NMSHSCO will support the development and dissemination of project materials. Working with parents and staff at Migrant and Seasonal Head Start grantees in Washington State (INSPIRE Development Centers and Educational Services District 105), we will: support the gathering of information during the needs assessment at the beginning of the project period through the facilitation of focus groups; provide training on the wildfire preparedness and resiliency toolkit (toolkit) to Migrant and Seasonal Head Start staff to ensure the dissemination of information to farmworker parents and community members; share the toolkit, including educational materials, to farmworker parents and community members; encourage utilization of the text messaging/SMS created by Farmworker Justice to support information-sharing; participate in evaluations of the toolkit and the tech/SMS platform to ensure that materials are appropriate for and responsive to farmworkers. In addition, FHI 360 will participate on the project's Advisory Committee and leverage its national reach to engage and share information, including project materials, with farmworker parents across the United States. FHI 360 will also invite Farmworker Justice to participate with us in presentations at national Migrant and Seasonal Head Start conferences. NMSHSCO will also participate in a national convening to be held during year 3 of the project period. FJ will provide FHI 360 with a total subaward of $60,000 to support project activities.

FHI 360 1825 Connecticut Ave, NW | Washington, DC 20009 USA
T [Ex. 6 Personal Privacy (PP)] | F 1.202.884.8400 | www.fhi360.org

fhi360
THE SCIENCE OF IMPROVING LIVES

Farmworker Justice is a valued partner, supporting our mission to align services for migratory and seasonal agricultural worker families. We are committed to continuing this collaboration and partnership through our partnership on the Wildfire Preparedness and Resiliency project.

Sincerely,



Aleta Williams
Director, Business Development and Diversification

FHI 360 1825 Connecticut Ave, NW | Washington, DC 20009 USA
T Ex. 6 Personal Privacy (PP) | F Ex. 6 Personal Privacy (PP) | www.fhi360.org

College of Nursing
WASHINGTON STATE UNIVERSITY

April 10, 2023

Ron Estrada
CEO
Farmworker Justice
1126 16th St. NW, Suite LL-101
Washington, DC 20036

RE: Letter of Commitment – Funding Opportunity EPA-R-OEJCR-OCS-23-01, Environmental Justice Collaborative Problem Solving (EJCPS) Cooperative Agreement Program

Dear Mr. Estrada,

The Washington State University (WSU) College of Nursing looks forward to serving as a member of the Advisory Committee on Farmworker Justice's Wildfire Preparedness and Resiliency project under EPA's EJCPS Cooperative Agreement. Wildfire risks to farmworker communities have increased as a result of climate change. This project would help address growing community needs regarding wildfire preparedness and recovery after a disaster.

Washington State University is a top tier public research university and designated land grant institution with strengths in environmental health, agricultural sciences, nursing, and human health. Dr. Julie Postma, Associate Dean for Research at the College of Nursing, Primary Investigator, and Molly Parker, RN, PhD Candidate and Research Assistant have conducted two recent studies: "Supporting Agricultural Workers during periods of Heat and Smoke", and "Monitoring and Communicating Wildfire Smoke Hazards in the Agricultural Workplace". This work is significant as there is a substantial and increasing burden of wildfire smoke among outdoor agricultural workers in the Pacific Northwest. Dr. Postma has extensive expertise in Occupational and Environmental Health. Molly Parker brings many years of farmworker community outreach experience as well as nursing experience into her current field of research.

As members of the Advisory Committee, we will provide feedback and advice on aspects of the project within our areas of expertise, which includes community-based participatory research with farmworkers and employers about wildfire and heat education and prevention. We will attend bi-annual Advisory Committee meetings in which we will provide advice regarding the design of the community needs assessment, development of the wildfire preparedness and resiliency toolkit, communications, evaluation of materials, and the scaling of the project to the

national level. We will also participate in a national convening to be held during year 3 of the project period. Washington State University will not receive remuneration for its participation as an Advisory Committee member.

FJ and Washington State University previously participated in an initiative to advocate for a Western States Pact on Heat and Wildfire Smoke to improve farmworker protections. We would like to continue this collaboration through our participation in FJ's Wildfire Preparedness and Resiliency project.

Sincerely,

Molly Parker

Molly Parker, BA, RN
Doctoral Student, Research Assistant

Julie Postma

Julie Postma, PhD, RN
Professor, Associate Dean for Research



PACIFIC NORTHWEST AGRICULTURAL SAFETY AND HEALTH CENTER
farming • fishing • forestry

April 7th 2023

Ron Estrada
CEO
Farmworker Justice
1126 16th St. NW, Suite LL-101
Washington, DC 20036

RE: Letter of Commitment – Funding Opportunity EPA-R-OEJCR-OCS-23-01, Environmental Justice Collaborative Problem Solving (EJCPS) Cooperative Agreement Program

Dear Mr. Estrada,

The Pacific Northwest Agricultural Safety and Health Center (PNASH) looks forward to serving as a member of the Advisory Committee on Farmworker Justice's Wildfire Preparedness and Resiliency project under EPA's EJCPS Cooperative Agreement. Wildfire risks to farmworker communities have increased as a result of climate change. This project would help address growing community needs regarding wildfire preparedness and recovery after a disaster.

The PNASH Center has served the Northwest for over twenty-five years, providing technical expertise and research that leads to practical solutions for agricultural workers to promote health and safety. PNASH's funding base is awarded through the National Institute for Occupational Safety and Health (NIOSH/CDC) Centers for Agricultural Safety and Health. Our overall goal is to conduct research and promote best safety and health practices for Northwest producers, workers, and communities in farming, fishing, and forestry.

PNASH has ample experience researching wildfire risks to farmworker communities in the State of Washington, Oregon and Idaho through research and education. As a member of the Advisory Committee, PNASH will provide feedback and advice on aspects of the project within our areas of expertise, which include wildfire smoke safety, air quality monitoring and modeling, health effects of wildfire smoke on farmworker communities, and safety messaging. We will attend bi-annual Advisory Committee meetings in which we will provide advice regarding the design of the community needs assessment, development of the wildfire preparedness and resiliency toolkit, communications, evaluation of materials, and the scaling of the project to the national level. PNASH will also participate in a national convening to be held during year 3 of the project

period. PNASH will not receive remuneration for its participation as an Advisory Committee member.

FJ and PNASH previously participated in an initiative to advocate for a Western States Pact on Heat and Wildfire Smoke to improve farmworker protections. We would like to continue this collaboration through our participation in FJ's Wildfire Preparedness and Resiliency project.

Sincerely,

Elena Austin

Elena Austin, MA, DSC
Assistant Professor
PNASH Center
University of Washington

Edward Kasner

Edward Kasner, PhD, MPH
Assistant Teaching Professor
Dept. of Occupational & Environmental Health Sciences
Outreach Director
PNASH Center
University of Washington

1.0 PROGRAM OBJECTIVES

a. Project Summary Page

Project title: Wildfire Preparedness and Resiliency in Farmworker Communities

Project location: Washington state

Applicant information: Farmworker Justice, 1126 16th St. NW, Suite LL-101, Washington, DC 20036, aguild@farmworkerjustice.org

Brief Description of Applicant Organization - Farmworker Justice (FJ) is a national farmworker organization based in Washington, DC. Its mission is to empower farmworkers to improve their living and working conditions, occupational safety, health, immigration status, and access to justice. FJ partners with farmworker-serving organizations across the country to implement community-based projects focused on health care access, occupational safety and health (i.e., heat stress), and workplace rights.

Are you applying for the Small CBO Set Aside Track for $150,000 projects: No

Project Abstract: Farmworker Justice's project will build capacity among farmworker-serving partners to perform community outreach and improve wildfire emergency preparedness and disaster resiliency among farmworker communities by providing access to information and links to resources. During the three-year project, FJ will partner with organizations in Washington state to create a toolkit of resources as well as SMS/text messages to 15,387 farmworkers in Washington state. During the first two years of the project, FJ, its project partners, and the National Advisory Committee will pilot the toolkit in Washington with the aim of scaling the project to the national level during year 3.

Project Type: Training, demonstration, public education

Special Considerations: Climate Change/Disaster Resiliency, Rural Areas

Environmental Issue: Wildfire smoke

List of Project Partners: Northwest Regional Primary Care Association, Moses Lake Community Health Center, National Migrant and Seasonal Head Start Collaboration Office/FHI 360, Pacific Northwest Agricultural Safety and Health Center (academic), Washington State University College of Nursing

Will you need to develop a QAPP for your project? No

b. Environmental and Public Health Information of the Underserved Community

There are an estimated 2.4 million migratory and seasonal agricultural workers (MSAWs) in the U.S; approximately 4 million agricultural workers when including their families.[1] These workers encounter numerous structural factors that put them at higher risk for poor health

[1] Philip Martin, *Immigration and Farm Labor: Policy Options and Consequences,* 95 Am. J. Agric. Econ. 470 (2013)

outcomes compared to the general public, such as language barriers, discrimination, low wages, and substandard housing. According to the most recent National Agricultural Workers Survey (NAWS), conducted by the U.S. Department of Labor, 68% percent of farmworkers in the U.S. are foreign-born and 44% are undocumented immigrants who lack work authorization.[2]

There are multiple social determinants of health (SDOH) that negatively impact the health status of MSAWs. Most U.S. farmworkers are limited English proficient, which makes it more difficult for them to access health information and medical services, and less than half (48%) are insured.[3] Farmworkers also face a range of challenges in their ability to meet their basic needs; lack of childcare options, housing that is often inadequate and unsanitary, and systematic exclusion from safety-net programs. Economic insecurity plays a role as well; the seasonality of agricultural work results in low incomes; average and median annual family incomes for farmworker families range from $25,000 to $29,999, and 20% of MSAWs live under the federal poverty line.[4] These disparities–combined with the physically and mentally taxing nature of agricultural work–put farmworkers at increased risk for a range of adverse health outcomes.

MSAWs and their families are also often more vulnerable to the effects of natural disasters and the varied impacts of our ongoing climate crisis. Amidst rapidly changing environmental conditions, farmworkers are at increased risk for a range of health problems from exposure to pesticides, solar radiation, and heat-related illnesses. Per recent projections, significant increases in temperatures will double the number of unsafely hot work days by 2050.[5]

According to the National Climate Assessment, the current warming trend across the U.S. is expected to continue and accelerate.[6] Extreme weather events linked to climate change have made wildfire seasons longer and more severe. On average, wildfires in the Western U.S. burn six times the acreage as they did 45 years ago and the trend of more intense wildfire seasons is projected to continue as a result of global warming.[7]

Between 1984 and 2015, the number of large fires has doubled across the western United States largely in part due to climate change.[8] Shorter springs allow earlier than usual snow melts which in turn allow soils, ground cover, trees and plants to remain dry and hotter for longer. These dry and hot conditions create ideal conditions for forest fuels to be easily ignited and for wildfires to burn hotter and spread so quickly that they can be difficult to extinguish. Rising

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[2] U.S. Department of Labor. Findings from the National Agricultural Workers Survey (NAWS) 2019-2020: A Demographic and Employment Profile of United States Farmworkers. Research Report No. 16. January 2022. Retrieved at: https://www.dol.gov/sites/dolgov/files/ETA/naws/pdfs/NAWS%20Research%20Report%2016.pdf

[3] *Ibid.*

[4] U.S. Department of Labor. Findings from the National Agricultural Workers Survey (NAWS) 2019-2020: A Demographic and Employment Profile of United States Farmworkers Research Report No. 16. 2022; Jan. Available at: https://wdr.doleta.gov/research/FullText_Documents/ETAOP2022-16_NAWS_Research_Report_16_508c.pdf

[5] Tigchelaar M, Battisti DS, Spector JT. Work Adaptations Insufficient to Address Growing Heat Risk for U.S. Agricultural Workers. Environ Res Lett. 2020 Sep;15(9):094035. doi: 10.1088/1748-9326/ab86f4. Epub 2020 Aug 25. PMID: 33133229; PMCID: PMC7594196.

[6] USGCRP, 2018: Impacts, Risks, and Adaptation in the United States: Fourth National Climate Assessment, Volume II [Reidmiller, D.R., C.W. Avery, D.R. Easterling, K.E. Kunkel, K.L.M. Lewis, T.K. Maycock, and B.C. Stewart (eds.)]. U.S. Global Change Research Program, Washington, DC, USA, 1515 pp. doi: 10.7930/NCA4.2018. Available at: https://nca2018.globalchange.gov/

[7] Schoennagel T, Balch JK, Brenkert-Smith H, Dennison PE, Harvey BJ, Krawchuk MA, Mietkiewicz N, Morgan P, Moritz MA, Rasker R, Turner MG, Whitlock C. Adapt to more wildfire in western North American forests as climate changes. Proc Natl Acad Sci U S A. 2017 May 2;114(18):4582-4590. Retrieved from: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5422781/

[8] Department of Ecology. State of Washington. Retrieved from: https://ecology.wa.gov/Air-Climate/Responding-to-climate-change/Wildfire-risks

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temperatures and drier summers also contribute to the increased risk of wildfires. These effects include longer heat waves, increased drought, and lower soil moisture; the hotter and drier conditions also make way for human-ignited wildfires.[9] On average, a rise in temperature of one degree Celsius annually may increase as much as 600 percent of the area burned in a year.[10]

Impacts of wildfire smoke on farmworkers in Washington

In Washington state, the agricultural population faces significant health risks as a result of wildfire smoke and heat exposure. Washington has among the highest percentage of migrant and seasonal farmworkers in the country, with an estimated 102,304 total farmworkers supporting the state's $10.6 billion agricultural industry.[11] Counties in Central and Eastern parts of the state, where the majority of farmworkers in Washington live and work, have among the highest concentrations of polluted air and have experienced the worst wildfires in the state's history.[12]

The following Washington state counties, Yakima, Grant, Chelan, and Benton, have the highest concentration of agriculture populations and the greatest exposure to heat and air pollutants.[13] Despite their heightened risk, there remains scant information on air quality and insufficient monitoring of exposure to air pollutants from wildfire smoke in these areas.[14] In Mattawa, located in Eastern Washington, nearly 3 out 4 farmworkers reported that while working they were exposed to an unhealthy amount of wildfire smoke, and 100% of respondents said they had little or no information regarding wildfire smoke protection.[15]

In Washington state, smoke from wildfires is the main source for particle pollution. During wildfire seasons, air pollution can worsen with contaminants like pesticides and particulate matter and cause a range of acute and chronic health problems.[16] Particulates, which contain microscopic pieces of solid matter, can penetrate deeply into lung tissue and increase the risk of respiratory disease and heart problems.[17] The effects from breathing in smoke from wildfires can be fatal and include wheezing and coughing along with heart and lung disease.

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[9] Ibid.

[10] Wildfire climate connection. National Oceanic and Atmospheric Administration. Dept. of Commerce. Retrieved from: https://www.noaa.gov/noaa-wildfire/wildfire-climate-connection#:~:text

[11] Washington State Department of Commerce, "Washington Farmworker Housing Needs Assessment" (2022), Washington Farmworker Housing Needs Assessment, Jan. 2022, Community Services & Housing Division. Retrieved from: https://www.commerce.wa.gov/wp-content/uploads/2022/04/CommerceReports_CSHD_FarmworkerHousing_Final_4.26.22.pdf

[12] Liu Y, Austin E, Xiang J, Gould T, Larson T, Seto E. Health Impact Assessment of the 2020 Washington State Wildfire Smoke Episode: Excess Health Burden Attributable to Increased PM2.5 Exposures and Potential Exposure Reductions. Geohealth. 2021 May 1;5(5):e2020GH000359. doi: 10.1029/2020GH000359. Retrieved from: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8101535/

[13] Austin E, Kasner E, Seto E, Spector J. Combined Burden of Heat and Particulate Matter Air Quality in WA Agriculture. J Agromedicine. 2021 Jan;26(1):18-27. doi: 10.1080/1059924X.2020.1795032. Epub 2020 Jul 30. PMID: 32730190; PMCID: PMC8171194.

[14] *Ibid.*

[15] Houtz, Jolayne. Heat, fire, smoke and health in Washington's ag industry. University of Washington, Department of Environmental and Occupational Health Sciences (DEOHS). Retrieved from: https://deohs.washington.edu/hsm-blog/heat-fire-smoke-and-health-washingtons-ag-industry

[16] Reid C. Critical review of health impacts of wildfire smoke exposure. Environmental Health Perspectives. 2016;124(9):1334–1343. Retrieved from: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5010409/

[17] Barry-Jester AM. Farmworkers face daunting health risks in California's wildfires. California Healthline 2019; Oct 28. Available at: https://californiahealthline.org/news/farmworkers-face-daunting-health-risks-in-californias-wildfires/

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Wildfire smoke inhalation has been attributed to 15,000 premature deaths in the US, and is projected to increase to 40,000 deaths as a result of climate change.[18]

Most agricultural workers labor outdoors harvesting the fields have limited control over their working conditions. These workers may be prompted by employers or economic necessity to remain in threatened areas and continue working in dangerous conditions to harvest crops or protect farm property even as evacuations are underway. This has been an annual occurrence for vineyard workers in the Napa Valley of California, some of whom have to continue working during wildfires while surrounded by toxic smoke.[19]

Need for culturally appropriate emergency preparedness materials

The interplay between environmental stressors and existing health disparities creates unique challenges in addressing the gaps in care and outreach to farmworker communities impacted by climate change. When natural disasters hit, emergency awareness and response capacity among farmworkers is often low due to lack of transportation, geographic isolation, and a dearth of culturally appropriate information. Economic insecurity and immigration enforcement concerns may also make some of these agricultural workers unable or unwilling to seek shelter before disaster.

Farmworkers have limited knowledge of disaster preparedness in part because preparedness resources and health and safety materials are rarely provided in formats and languages that are accessible to them.[20] Language barriers and lack of communication from employers leave agricultural workers in the dark about impending dangers. Although most (62%) farmworkers in the U.S. are most comfortable speaking in Spanish, and 29% of workers reportedly not speaking any English at all, disaster and emergency response planning rarely meet the needs of these limited English proficient (LEP) communities.[21]

Safety information and resources from local health departments and emergency management agencies are often not in the primary languages spoken by local agricultural workers. A 2008 survey of farmworkers throughout Washington state found that 94% of farmworkers surveyed spoke Spanish as their primary language at home and more than three-quarters surveyed indicated that they could neither read nor write in English.[22] The dearth of culturally and linguistically appropriate safety and health information often means farmworkers receive vital emergency information and evacuation alerts too late, or not at all.

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[18] Ford B, Val Martin M, Zelasky SE, Fischer EV, Anenberg SC, Heald CL, Pierce JR. Future Fire Impacts on Smoke Concentrations, Visibility, and Health in the Contiguous United States. Geohealth. 2018 Aug 3;2(8):229-247. doi: 10.1029/2018GH000144. Retrieved from: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7038896/

[19] Paquette D. During California wildfires, farm workers felt pressured to keep working or lose their jobs. *Napa Valley Register* 2018; Nov 20. Available at: https://napavalleyregister.com/news/local/during-california-wildfires-farm-workers-felt-pressured-to-keep-working/article_7a28a174-1378-5b5c-82eb-a46e505312bd.html.

[20] Burke S, Bethel JW, Britt AF. Assessing disaster preparedness among latino migrant and seasonal farmworkers in eastern North Carolina. Int J Environ Res Public Health. 2012 Aug 30;9(9):3115-33. doi: 10.3390/ijerph9093115.

[21] U.S. Department of Labor. Findings from the National Agricultural Workers Survey (NAWS) 2019-2020: A Demographic and Employment Profile of United States Farmworkers. Research Report No. 16. January 2022. Retrieved at: https://www.dol.gov/sites/dolgov/files/ETA/naws/pdfs/NAWS%20Research%20Report%2016.pdf

[22] Washington State Department of Commerce, "Washington Farmworker Housing Needs Assessment" (2022), Washington Farmworker Housing Needs Assessment, Jan. 2022, Community Services & Housing Division. Retrieved from: https://www.commerce.wa.gov/wp-content/uploads/2022/04/CommerceReports_CSHD_FarmworkerHousing_Final_4.26.22.pdf

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During a wildfire in Ventura County, California, emergency warnings detailing critical information such as evacuation routes and road closures were only available in English,[23] and county officials were not able to provide real-time updates with information accessible for farmworkers until ten days after the fire started. To bridge these gaps, local immigrant rights groups such as MICOP,[24] had to mobilize quickly to provide language support and essential services for farmworkers.[25]

Strategies to improve risk communications for farmworkers

Outreach workers and community health workers are among the most trusted sources of emergency preparedness information for farmworkers. These community health workers (CHWs), or *promotores de salud*, are lay health educators who typically belong to the communities in which they work, and are able to deliver health messages that resonate with farmworker communities.

During the devastating wildfires that affected Washington state in 2021, the CHWs at the Moses Lake/Quincy Community Health Center in central Washington learned that local migratory farmworkers had not been notified of an active evacuation order during a previous fire. To ensure that the community would be better prepared in case of future disasters, they developed an emergency preparedness fact sheet and partnered with another local health care organization to prepare and deliver emergency kits to farmworkers.

These types of interventions from community health workers are best paired with clear and timely messaging. The 2018 Wildfire Smoke Risk Communication Stakeholder Symposium called for improved smoke risk communication for workers in Washington state with occupationally-focused messaging that explains risk levels for farmworkers concisely and provides actionable mitigation strategies.[26] Mobile telecommunication platforms like WhatsApp have also been instrumental in disseminating timely public safety information and multilingual resources to thousands of farmworkers during disasters.[27]

Health centers, government agencies, and community organizations can mitigate the destructive impacts of wildfires and respond more effectively to the needs of farmworker communities by embracing community mobilization and culturally appropriate service delivery models for emergency preparedness, response, and recovery.

c. Organization's Historical Connection to Underserved Community

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[23] Méndez M, Flores-Haro G, Zucker L. The (in)visible victims of disaster: Understanding the vulnerability of undocumented Latino/a and indigenous immigrants. Geoforum. 2020 Nov;116:50-62. doi: 10.1016/j.geoforum.2020.07.007. Epub 2020 Aug 7. Retrieved at: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7413658/

[24] Mixteco/Indígena Community Organizing Project (MICOP), 2019. Mixteco/Indígena Community Organizing Project (MICOP) - About Us. http://mixteco.org/about-us/.

[25] Méndez M, Flores-Haro G, Zucker L. The (in)visible victims of disaster: Understanding the vulnerability of undocumented Latino/a and indigenous immigrants. Geoforum. 2020 Nov;116:50-62. doi: 10.1016/j.geoforum.2020.07.007. Epub 2020 Aug 7. Retrieved at: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7413658/

[26] Pendergrast, C., Errett, N.A., Roop, H.A., Doubleday, A., Kramer, B., Anh Tran, K., and Busch Isaksen, T., University of Washington Wildfire Smoke Risk Communication Stakeholder Synthesis Symposium World Café Discussion Summary Report. 2019. A report prepared by the University of Washington Department of Environmental and Occupational Health Sciences and the University of Washington Climate Impacts Group, Seattle, WA. Retrieved from: https://cig.uw.edu/publications/washington-state-wildfire-smoke-risk-communication-stakeholder-synthesis-symposium-a-synthesis-of-the-world-cafe-discussions/

[27] Méndez M, Flores-Haro G, Zucker L. The (in)visible victims of disaster: Understanding the vulnerability of undocumented Latino/a and indigenous immigrants. Geoforum. 2020 Nov;116:50-62. doi: 10.1016/j.geoforum.2020.07.007. Epub 2020 Aug 7. Retrieved at: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7413658/

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FJ has long-standing, close working relationships with farmworker-serving organizations in the state of Washington. We have collaborated with Moses Lake Community Health Center (MLCHC; Moses Lake, WA) on various projects, including an initiative in 2022 to advocate for a Western Pact on Heat and Wildfire Smoke. The purpose of this initiative was to urge state governments in Washington, Oregon and California to strengthen and harmonize regulatory protections for farmworkers concerning heat stress and wildfire smoke. This initiative brought together representatives of community-based organizations (CBOs), academia and other civil society groups from all three states to develop recommendations for improved farmworker protections and to issue a petition to state governors asking them to sign on to the Western Pact.

FJ has also been actively participating as a co-coordinator for three years in a COVID-19 coalition convened by MLCHC representatives to share information and resources in response to COVID-19's impacts on farmworker communities in WA, OR and CA. This coalition is composed of representatives of community-based, regional and state organizations. FJ has contributed a variety of COVID-19 educational resources created specifically for farmworkers and health providers that serve this community. Most recently, FJ co-presented the workshop "Collaborations to Support Agricultural Worker Health and Safety" together with MLCHC outreach staff at the 2023 Western Forum for Migrant and Community Health held in Long Beach, CA. This is one of a series of activities undertaken in collaboration with MLCHC and funded by the Health Resources and Services Administration (HRSA) of the U.S. Department of Health to provide trainings to health center staff that deliver services to farmworkers and their families.

We have also partnered with the Northwest Regional Primary Care Association (NWRPCA) – member organization serving community and migrant health centers in Washington, Alaska, Oregon and Idaho – to provide training and technical assistance to health centers that serve migratory and seasonal farmworkers, including convening partners and sharing strategies to promote health insurance and health care access for agricultural workers. Most recently, FJ and NWRPCA organized an Agricultural Worker Social Determinants of Health Stakeholder Collaborative with HRSA Region X stakeholders, including those from Washington state, to share best practices and strategize solutions to protect the health and safety of health center staff and the agricultural worker patients they serve. FJ and NWRPCA are sharing strategies and resources from collaborative members to help inform their COVID-19 response and other efforts to address social determinants of health in agricultural worker communities.

Further, FJ has a long-standing partnership with Migrant and Seasonal Head Start (MSHS). FJ staff regularly present to MSHS grantees and parents at their National Conference, most recently in San Antonio, TX in April 2023. As a member of the National Migrant and Seasonal Head Start Collaboration Office's National Advisory Council, FJ has worked closely with Migrant and Seasonal Head Start grantees in Washington and other states to strengthen partnerships between MSHS grantees and local health centers that in turn promotes access to health care for families.

d. EJCPS Model

Our proposed project utilizes the seven elements of the Environmental Justice Collaborative Problem-Solving Model (EJCPS Model) to ensure that its design and implementation are guided by community input and responsive to community needs.

Element 1: Issue Identification, Community Vision, and Strategic Goal Setting

Wildfire smoke was identified as a problem having significant impacts on farmworker communities by various CBOs during meetings for the Western Pact on Heat and Wildfire Smoke (described in subsection "**c**" above). CBOs also identified gaps in emergency preparedness–such as insufficient communication of emergency information in relevant languages and difficulties reaching workers living in labor camps) – that this project will seek to address. In order to identify other gaps, design solutions and set project goals, we will conduct a needs assessment in collaboration with our community partners and our Advisory Committee. Together with our partners, we will devise solutions and collaborate in setting specific, sustainable goals and measurable objectives based on the needs identified.

Element 2: Community Capacity-Building and Leadership Development

This project will build the capacity of farmworker-serving CBOs by developing and distributing informational materials designed for farmworkers, using technology to connect communities to disaster preparedness alerts and resources, providing outreach guidance and support, and creating new collaborations through which organizations can share resources and information. It will also support leadership development by engaging community health workers, outreach workers, farmworker advocates and members of the community in the process of leading community outreach and informing the efforts of local and state policymakers to improve wildfire disaster preparedness in a way that is inclusive of underserved farmworker communities.

Element 3: Consensus Building and Dispute Resolution

We will work with our partners to create an inclusive space where they have equal opportunity to provide input in a consensus-based decision-making process. This consensus process will be designed by all the partners. Meetings will be documented and dissent noted. Should disputes arise, these will be resolved through a facilitated dialogue led by an independent facilitator.

Element 4: Multi-Stakeholder Partnerships and Leveraging of Resources

We will partner with the following stakeholders: Moses Lake Community Health Center (MLCHC), Northwest Regional Primary Care Association (NWRPCA), and the National Migrant and Seasonal Head Start Collaboration Office (NMSHSCO)/FHI 360. These organizations, through their members and outreach staff, can help us reach a large number of farmworkers in multiple key settings: community health centers, migrant and seasonal Head Start centers, agricultural workplaces and community events. By bringing our resources and expertise together, we will be able to identify gaps in wildfire preparedness, provide resources and information to underserved farmworkers, and devise strategies to maximize our impact.

Element 5: Constructive Engagement by Relevant Stakeholders

In addition to partnering with MLCHC, NWRPCA and NMSHSCO/FHI 360, we will engage a National Advisory Committee (NAC) whose members will include the Pacific Northwest Agricultural Health & Safety Center (PNASH) at the University of Washington, Washington State University, representatives from community, environmental and/or environmental justice organizations, and a representative from each of our three partner organizations (for a total of up to 8 members). The NAC will provide guidance on various

aspects of the project, including the needs assessment, materials development and evaluation, outreach and communication strategies, etc.

Element 6: Sound Management and Implementation

FJ and our partner organizations have ample experience with federal grants and have auditing and management systems in place to ensure that all financial requirements are followed.

Element 7: Evaluation, Lessons Learned, and Replication of Best Practices

In Year 2 (2025), we will evaluate all project materials with feedback from our partners and Advisory Committee and make revisions. In Year 3 (2026), an outside consultant will lead an evaluation of project results, identify best practices and areas for improvement, and develop recommendations for scaling up the project to the national level. We will convene a national meeting of farmworker-serving organizations prior to the 2026 wildfire season to discuss national replication of the project using best practices derived from Year 1 - 3 activities.

e. Project Linkages

Our project will build capacity among our farmworker-serving partners to perform community outreach and improve wildfire emergency preparedness and disaster resiliency among farmworker communities by providing access to information and links to resources. We will also engage with agencies and policymakers at the federal, state and local level to convey the results of the needs assessment and make recommendations regarding how the government can help address these needs, ensuring that our community partners are meaningfully involved in this process.

f. Partner and Collaborate

FJ has ample experience working with our three partners in this project–MLCHC, NWRPCA and NMSHSCO/FHI 360–to provide health and safety information and training to farmworkers and organizations that serve them. Having well-established relationships with our partners gives us a solid foundation on which to continue collaborating for the duration of this project and beyond. FJ has worked for years with MLCHC's Outreach and Behavioral Health Coordinator, Mary Jo Ybarra-Vega–herself a former farmworker–to provide training to community health workers (CHWs), coordinate with farmworker-serving organizations through the aforementioned COVID-19 coalition, and improve wildfire protections for farmworkers. In addition, we have a long history of collaboration with NWRPCA providing training and technical assistance to health center staff to help them better serve farmworker patients. We also work with NMSHSCO/FHI 360 to develop curricula for train-the-trainer and farmworker parents.

Our three partners are deeply involved in the provision of services to farmworker communities in the state of Washington. MLCHC has a team of 300 health professionals that delivers comprehensive primary care with a special focus on the underserved and migrant farmworkers. Their team of CHWs conducts outreach with farmworker communities, delivering health education and other services. NWRPCA provides farmworker-serving community and migrant health centers in Washington with services related to workforce development, education, training, networking, partnerships, and advocacy. It counts 9 migrant health centers in Washington among its membership, which serve approximately 100,000 farmworker patients per

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year.[28] NMSHSCO, which is staffed by FHI 360, a human development nonprofit, delivers educational and health support services for farmworker children and parents through Migrant and Seasonal Head Start Centers in Washington (INSPIRE Development Centers that serve 1,177 families and Educational Services District 105, which serves 1,257 families).

Together, we will convene community focus groups to carry out the needs assessment to identify gaps in preparedness for wildfire disasters, with guidance from the Advisory Committee. FJ will, in consultation with our partners and the Committee, develop a preparedness and resiliency toolkit consisting of materials on wildfire preparedness and recovery. Our partners will conduct community outreach and help disseminate the materials, while FJ will implement a communications and social media campaign to amplify our reach. Partners will help evaluate and improve the toolkit and assist with outreach to local and state government, as well as in convening a national stakeholder meeting to scale up the project.

2.0 PROJECT ACTIVITIES/MILESTONE SCHEDULE

a. Project Activities

FJ's *Wildfire Preparedness and Resiliency* project will address five primary goals as outlined in the Milestone Schedule. Each goal has a corresponding series of activities that will take place over the course of the three-year project.

Goal #1: Identify gaps in wildfire awareness among Washington farmworkers

In order to identify gaps in wildfire awareness, FJ and partners will first conduct a needs assessment in farmworker communities throughout Washington. The needs assessment phase will take place during the first four months of the first project year. An external evaluator (Northwest Center for Public Health Practice at University of Washington) will work closely with FJ to develop the needs assessment tools (surveys, in-depth interview questions, data trackers, etc.) and assist with implementation. During this four-month phase, FJ, partners and the National Advisory Committee (the project's expert panel assembled by FJ to provide input of critical components and phases of the project) will reach out to a variety of stakeholders (including farmworkers, farmworker-serving organizations, experts in wildfires, etc.) to assess knowledge and accessibility of existing resources, emergency preparedness plans, and the use of technology in dispensing and accessing information. The results of the needs assessment will help to inform the future components of the project. After project materials are developed FJ will lead an on-going annual evaluation to assess the efficacy and accessibility of those materials and other project components (including linguistic accessibility and cultural relevancy) in farmworker communities. FJ and partners will also identify areas for the development and communication of policy recommendations. Discussions on the topic will begin during the needs assessment phase and carry into the second and third years of the project. Ultimately these recommendations will be shared during the National Convening for Wildfire Preparedness in the final year of the project.

Goal #2: Disseminate wildfire preparedness materials to farmworkers

FJ will be working closely with partners over the course of the three-year project to prepare and disseminate wildfire preparedness materials to farmworkers. In the development of

[28] Data from the U.S. Health Resources and Services Administration 2021 Uniform Data System, available at https://data.hrsa.gov/tools/data-reporting/program-data?type=AWARDEE&state=WA

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the toolkit, FJ will lean on the expertise earned from decades of work in creating training programs and supporting materials using the principles of Popular Education, where complex topics can be distilled into more accessible formats. Assessing information gleaned from the needs assessment phase, FJ will develop a Wildfire Preparedness Toolkit in the second quarter of the first project year, the contents of which will be shared with farmworker communities throughout Washington. The materials in the toolkit (training of trainers curriculum, fact sheet, social media posts and other materials as determined by the results of the needs assessment) will be culturally and linguistically relevant (developed in Spanish and English, with the possibility of additional indigenous languages as identified in the needs assessment), highly pictorial and approachable for farmworkers of all literacy levels. FJ will share draft versions of all materials with partners, seeking feedback on linguistic terms, relevancy and accessibility of content and making edits as necessary.

Once the pilot version of the toolkit is developed, FJ will provide a training-of-trainers (TOT) workshop on wildfire preparedness to project partners at the annual Washington State Network of Promotores and Community Health Workers Spring Intensive Training. The TOT will be highly participatory, allowing participants the opportunity to share their own personal experiences and knowledge, and practice the delivery methods for the toolkit materials. The TOT will take place in the third quarter of the first project year, and a refresher training will be offered in the subsequent project years. Following the TOT, FJ and partners will begin widespread dissemination of the materials. This phase will take place during both the third and fourth quarters of each project year, beginning in the lead-up to wildfire season and then extending through the end of that season each year. NWRPCA will engage their constituency through their network of conferences and collaborations; NMSHSCO will channel their distribution through a wide network of farmworker parents that are associated with their centers throughout Washington; and Moses Lake Community Health Center will disseminate information directly through *promotores de salud* (PdS/ outreach workers). The PdS contribute to the success of FJ's outreach projects because they are trusted sources of information in their communities, typically share the same languages as the farmworker population, and strive to connect in a way that is culturally sensitive and relevant to their constituency. Over the course of the three-year project period partners will reach at least 15,387 farmworkers as they disperse critical wildfire preparedness information.

Goal #3: Develop text-based/SMS service to connect farmworker communities to disaster preparedness alerts and resources

FJ, working with a technology consultant, will develop a text-based/SMS service to connect farmworker communities to disaster preparedness alerts and resources. Beginning in the second quarter of each project year, FJ will develop 20 text messages (for a total of 60 messages over the three-year period) that will provide critical information for farmworkers. The content will be based upon the findings of the needs assessment and in subsequent years be informed by the annual evaluation assessments. Once the content is developed FJ will share the messages with partners and the National Advisory Committee (NAC) to ensure cultural and linguistic relevancy and accessibility. After the messages have been fully approved, the dissemination will begin through project partners. The PdS will share the opt-in information for the text messaging/ SMS program with farmworkers in their communities, helping them to understand the utility of the information and guiding them through the enrollment process. Partners will continue to share the text messaging/ SMS program with their networks throughout wildfire season. At the end of

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each project year, the efficacy and utility of this project component will be assessed and edits incorporated based on feedback to strengthen the messaging in subsequent years. During the scaling up of the project in the third project year the messages will be available for use by a national audience.

Goal #4: Create a social media campaign on wildfire protection

Beginning in the second quarter of each project year, FJ will develop a series of social media posts highlighting wildfire awareness that will be shared during wildfire season (20 posts per year for a cumulative project total of 60 posts). Once the content is developed, FJ will share the posts with project partners, soliciting feedback and incorporating edits. Several weeks before wildfire season officially begins FJ and partners will launch the social media campaign, sharing the content widely on their various social media platforms, including Facebook, Twitter and Instagram (to name a few). Project partners will also distribute the messages via their social media platforms. The social media campaign will allow for the critical wildfire information (including information on where wildfires are occurring, places to go for emergency assistance, etc.) to be dispersed more widely than the person-to-person outreach and in tandem with the text messaging component the social media campaign, allows for the quick, timely distribution of emergency information. Post engagements will be tracked, ultimately yielding a minimum of 2500 engagements per year (7500 engagements over the three-year project period).

Goal #5: Scale up the project to national level

The third year of the project will be geared toward scaling up for a national audience, and setting the stage for sustainability beyond the dedicated timeline of the project. After an initial assessment of the first two project years, FJ and project partners will begin the planning phase for a virtual National Convening for Wildfire Preparedness (NCWP) to be held before that year's wildfire season begins. The NCWP will bring together a wide range of participants with the goal of highlighting best practices in wildfire preparedness, identifying existing gaps in this process, and working together to solve some of the persistent issues in wildfire preparedness. The NAC and project partners will play a strong role in the planning phase, helping to identify priorities for discussion at the convening and determining the list of experts and organizations that will be invited to attend. FJ will modify the existing toolkit in preparation for the NCWP so that it is relevant for nation-wide distribution.

b. Milestone Schedule (table 1)

ED_016126_00000579-00011

	Year 1												Year 2											
Month:	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
Goal 1: Identify gaps in wildfire preparedness among WA farmworkers																								
Task 1.1: Needs assessment																								
Task 1.2: Evaluation of project materials																								
Task 1.3: Development and communication of policy recommendations																								
Milestone 1: Assess gaps in wildfire education																								
Goal 2: Disseminate wildfire preparedness materials to farmworkers																								
Task 2.1: Develop preparedness toolkit materials																								
Task 2.2: Seek partner feedback on materials; make revisions																								
Task 2.3: Partner organizations help disseminate materials prior to and during wildfire season																								
Milestone 2: Reach 15,387 farmworkers with wildfire preparedness information																								
Goal 3: Develop text-based/SMS service to connect farmworker communities to disaste preparedness alerts and resources.																								
Task 3.1: Develop & test text/SMS messages																								
Task 3.2: Promote service for farmworker opt-in																								
Task 3.3: Disseminate messages through partners' networks																								
Milestone 3: Disseminate 20 SMS messages per year to subscribers; 60 messages over 3-year period																								
Goal 4: Create a social media campaign on wildfire protection																								
Task 4.1: Test relevant messages																								
Task 4.2: Create social media content to be shared with farmworkers																								
Task 4.3: Share social media content																								
Milestone 4: 2,500 post engagements/year; 7,500 over 3-year period																								

	Year 3											
Month:	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
Goal 1: Identify gaps in wildfire preparedness among WA farmworkers												
Task 1.1: Needs assessment												
Task 1.2: Evaluation of project materials												
Task 1.3: Development and communication of policy recommendations												
Milestone 1: Assess gaps in wildfire education												
Goal 2: Disseminate wildfire preparedness materials to farmworkers												
Task 2.1: Develop preparedness toolkit materials												
Task 2.2: Seek partner feedback on materials; make revisions												
Task 2.3: Partner organizations help disseminate materials prior to and during wildfire season												
Milestone 2: Reach 15,387 farmworkers with wildfire preparedness information												
Goal 3: Develop text-based/SMS service to connect farmworker communities to disaster preparedness alerts and resources.												
Task 3.1: Develop & test text/SMS messages												
Task 3.2: Promote service for farmworker opt-in												
Task 3.3: Disseminate messages through partners' networks												
Milestone 3: Disseminate 20 SMS messages per year to subscribers; 60 messages over 3-year period												
Goal 4: Create a social media campaign on wildfire protection												
Task 4.1: Test relevant messages												
Task 4.2: Create social media content to be shared with farmworkers												
Task 4.3: Share social media content												
Milestone 4: 20 posts/year; 60 posts over 3-year period; 2,000 post engagements/year; 6,000 over 3-year period												
Goal 5: Scale up the project to the national level												
Task 5.1: Plan & hold national convening with project partners, Advisory Committee, and invited organizations												
Task 5.2: Modify project materials for a national audience												
Task 5.3: Disseminate modified materials via FJ's national network												
Milestone 5: Participation by 8 invited organizations; sustainable plan for continuing and expanding project beyond Year 3												

c. Itemized Budget Sheet

See Attachment i

3.0 ENVIRONMENTAL RESULTS - OUTPUTS, OUTCOMES, AND PERFORMANCE MEASURES

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a. **Environmental Results (Logic Model)**

See Attachment ii

b. **Performance Measurement Plan`**

Over the three-year project period, Farmworker Justice will continuously monitor progress towards objectives and assess impact of activities (as outlined in Table 1 - milestone schedule) on target agricultural communities. Beginning in Year 1, FJ will work closely with partners and the Northwest Center for Public Health Practice (NWCPHP) at the University of Washington School of Public Health to conduct a needs assessment to identify gaps in existing wildfire disaster preparedness and risk communication to local farmworker communities. The preliminary findings from this needs assessment will inform a beta-version of a text-based/SMS service to connect farmworker communities to disaster preparedness alerts and resources.

NWCPHP will serve as the primary evaluators; evaluating findings from the Year 1 needs assessment and collecting feedback from community-based organizations and relevant stakeholders on the preparedness materials and initial launch of the SMS/text messaging platform. NWCPHP's evaluation team will design the overall evaluation and data collection plan at the start of the grant, and track data for program improvement and outcomes. In addition, their team will develop all tracking documents, questionnaires, and interview guides needed to evaluate project performance and impact. Evaluation results will be shared periodically with the FJ program team to inform continuous quality improvement of project deliverables. Summary recommendations from NWCPHP's evaluation will be used to inform revisions to the SMS messaging service ahead of wildfire season, July - October 2025.

FJ staff will meet weekly to discuss the status of activities and progress towards workplan expected outcomes and objective targets. In addition to regular coordination meetings with project partners, FJ will also consult with a technical advisory committee twice a year to review progress and solicit feedback on emergency preparedness materials.

In Year 3, NWCPHP will conduct a final evaluation of the project and share a summary report of key findings to be presented at a national meeting ahead of the 2026 wildfire season to discuss opportunities for scale-up of the text messaging service and wider dissemination of emergency preparedness materials.

c. Sustainability Plan and Community Vision

Our project is geared for sustainability beyond the three-year proposed timeline. Because this is a project that focuses on building wildfire preparedness it is both timely and relevant. The increased surge of wildfires particularly across the western United States puts everyone in the affected communities at risk; farmworkers and community members alike. Because of the heightened dangers impacting whole communities there is a demonstrated need for emergency preparedness materials that provide information and clear procedures for protective measures in the event of wildfires.

This project seeks to increase linguistically and culturally accessible wildfire preparedness information for farmworkers; in the first two years of the project collaborations

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will be formed on local, regional and state-wide levels. Important policies and gaps in those policies will be identified so that coalitions can be strengthened and/or formed in the pursuit of these protective measures. Because of the urgency of the topic these networks will continue to work together toward increased knowledge and protective measures for communities at large.

The third year of the project will focus primarily on scaling the project up for replicability on a national level. The Wildfire Preparedness Toolkit will be reworked to ensure national relevance, and will be easily accessible for future use via the Farmworker Justice website, EPA website, and other platforms. Awareness will be generated through the multi-year social media campaigns that will share critical emergency information, resources and strategies for prevention, mitigation, and safety to a wide and diverse audience. Additionally, the National Convening for Wildfire Preparedness will create a platform for scientific experts, academics, organizations and individuals to come together to identify existing gaps and share best practices in this topic.

4.0 PROGRAMMATIC CAPABILITY

a. Organizational Experience

Farmworker Justice (FJ) is a 501(c)(3) national nonprofit organization based in Washington, DC with a mission to empower farmworkers and their families to improve their health, occupational safety, immigration status, and access to justice. FJ has decades of experience in policy, outreach, and education to farmworker communities, specifically on topics related to environmental and occupational health. Our training and educational materials incorporate adult and popular education techniques in recognition of the diverse experiences and learning styles of adult farmworkers.

As discussed in Section 5.0, FJ has a demonstrated history of managing and implementing community-based projects under federal grants. Past project topics include pesticide protection, health insurance access, and worker safety training. To successfully implement project deliverables, FJ works with community-based organizations that have direct ties to farmworkers. Working with community-based organizations, FJ uses a training-of-trainers model to empower Community Health Workers/PdS to provide education to farmworkers. As trusted messengers, they provide the information and resources to the farmworkers in their communities, meeting them where they are such as in the fields, at their housing, among other locations. FJ staff meet regularly with the community partners to provide oversight and support, ensuring successful completion of the project.

b. Staff Experience/Qualifications of Project Manager

FJ staff bring expertise in occupational safety and health issues affecting farmworkers as well as substantial experience developing trainings and educational materials for outreach staff and farmworkers in both English and Spanish.

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The Project Manager, Mayra Reiter, joined FJ in September 2019, contributing her expertise in occupational safety, health, and environmental justice to FJ's policy advocacy and community-based projects. In her role as Project Director for Occupational and Environmental Health, Mayra leads FJ's environmental and occupational health advocacy at the federal and state level. In 2021, she supported the Western Pact on Heat and Wildfire Smoke (Pact), working with partners in Washington, Oregon, and California to provide policy and subject matter expertise to advocate for heat and wildfire protections for farmworkers. Several of the partners who were part of the Pact, including Northwest Regional Primary Care Association, Moses Lake Community Health Center, and Washington State University, are working with us on our proposed Wildfire Preparedness and Resiliency project. In addition to her policy work, Mayra has led projects and trainings on worker protections and is currently the project director for a heat stress training grant funded by OSHA. As Project Manager, Mayra will work with FJ staff and project partners to implement project deliverables.

Rebecca Young, Director of Programs, will support Mayra in the project. She has extensive experience in leading and developing occupational safety and health trainings and educational materials for farmworker-serving organizations. She has worked with NWRPCA and Moses Lake Community Health Center to provide trainings to outreach staff on COVID-19 resiliency and recovery. She also worked with the National Migrant and Seasonal Head Start Collaboration Office to create materials and trainings for grantee staff and farmworker parents on health and nutrition. She has been at FJ for 12 years, supporting an EPA grant previously awarded to FJ.

Other FJ staff that will support the project include a Project Coordinator, who will work with Mayra to develop the needs assessment and toolkit and will monitor day-to-day activities, a Legal Fellow to support policy research, and a communications specialist to support the social media campaign. Alexis Guild, VP of Strategy and Programs, will provide strategic oversight. She has been at FJ since 2011 and worked closely with NWRPCA, NMSHSCO, and Moses Lake Community Health Center on a HRSA-funded technical assistance project for many years, she currently leads a COVID-19 coalition of organizations and government agencies in Washington that meets monthly to share resources and strategies to support farmworkers. Ron Estrada, FJ's CEO, is the authorized representative, ensuring the availability of adequate organizational resources to meet grant requirements. Staff resumes for Mayra Reiter and Rebecca Young are included as an attachment.

c. Expenditure of Awarded Grant Funds

Yolanda Rodriguez, FJ's Director of Finance and Operations, oversees project finances and expenditure of awarded grant funds. FJ adheres to our well-established fiscal management system. Timesheets, travel reimbursement, and partner and consultant invoices are approved and reviewed by the Project Manager, the VP of Strategy and Programs, and the Director of Finance and Operations. Check requests are processed by the Director of Finance and Operations and written by our accounting consultant, who also assists in allocating expenses to the assigned

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projects. The firm, Friedman and Associates, submits monthly income and expense reports on FJ and each of our projects to the CEO and Director of Finance and Operations. The Project Manager regularly consults with the VP of Strategy and Programs and the Director of Finance and Operations to ensure that grant funds are being properly expended.

5.0 PAST PERFORMANCE

Farmworker Justice has a demonstrated history of successfully administering federal grants from CDC, OSHA, and the Health Resources and Services Administration (HRSA). We always meet reporting requirements under the agreements, including progress reports and final technical reports, and consistently achieve and often exceed the expected outputs and outcomes, as demonstrated by grantor site visits. To complete and manage agreements, we implement processes to ensure financial and programmatic oversight internally and with our project partners. Three recent grants are detailed below. FJ is also currently implementing projects from OSHA and DOL Women's Bureau that began in October 2022.

OSHA Susan Harwood Training Materials Grant: Dairy Safety Training Toolkit - Grantor: OSHA, Contact: Wylie Hinson, Ex. 6 Personal Privacy (PP) Project dates: September 30, 2021 - September 30, 2022.

- Project partner: Aurora Organic Dairy
- Expected output: A toolkit for dairy employers and workers that includes a video, fact sheet, and training guide created in English, Spanish, and K'iche. The toolkit would be piloted with 50 workers and 5 employers.
- Outcome: FJ created a training guide, student handbook, and fact sheet in Spanish and English and a dairy safety training video in Spanish with English subtitles and K'iche in Spanish subtitles. Sixty-one (61) workers were trained in Spanish, 8 workers were trained in K'iche, 5 employers were trained in Spanish and 1 employer was trained in K'iche.

OSHA Susan Harwood Training Grant: Workplace Safety and Health Training on Infectious Disease, including COVID-19 - Grantor: OSHA, Contact: Wylie Hinson, Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) Project dates: September 30, 2021 - March 31, 2023.

- Project partners: Organización en California de Líderes Campesinas (Lideres Campesinas) and Pineros y Campesinos Unidos del Noroeste (PCUN)
- Expected output: Provide 937.5 hours of COVID-19 training to at least 775 employers and workers in California and Oregon.
- Outcome: FJ and its project partners provided 988 hours of COVID-19 training to 753 employers and workers. We are still collecting numbers from our partners for the final quarter of the project.

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HRSA National Training and Technical Assistance Partner Cooperative Agreement - Grantor: Health Resources and Services Administration, Contact: Gladys Cate, Contact: Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) Project dates: July 1, 2020 - June 30, 2023

- Expected output: Increase the number of health centers that receive training and technical assistance to address the unique challenges of agricultural workers. T/TA objectives include: emerging issues, diabetes prevention and management, social determinants of health, and community partnerships. T/TA includes: webinars, resource development and dissemination (for clinicians, outreach staff, and workers), conference presentations, and peer-to-peer learning sessions. Train 1,525 health center staff to be trained and provide 111 total of T/TA sessions during the project period.
- Outcome (as of 4/1/2023): FJ has trained 4,609 health center staff and provided 188 T/TA sessions. FJ has completed all project deliverables each project year.

6.0 QUALITY ASSURANCE PROJECT PLAN (QAPP) INFORMATION

A quality assurance project plan is not necessary for this project.

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Methow Valley Citizens Council

Address: PO Box 774

City: Twisp

State: WA: Washington Zip Code: 98856

B. Unique Entity Identifier (UEI): SCJCN3LPMCE7

C. Applicant/Recipient Point of Contact

Name: Nancy McKinney Milsteadt

Phone: Ex. 6 Personal Privacy (PP)

Email: nancy@mvcitizens.org

Title: Deputy Director

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

None

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☐ Yes ☒ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Mary Yglesia	Deputy Director	04/10/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Jasmine | Middle Name:
Last Name: Minbashian | Suffix:
Title: Executive Director
Complete Address:
Street1: 305 E Methow Valley Hwy
Street2:
City: Twisp | State: WA: Washington
Zip / Postal Code: 98856 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address:

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Nancy | Middle Name:
Last Name: McKinney Milsteadt | Suffix:
Title: Deputy Director
Complete Address:
Street1: 305 E Methow Valley Hwy
Street2:
City: Twisp | State: WA: Washington
Zip / Postal Code: 98856 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address:

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Nancy | Middle Name:
Last Name: McKinney Milsteadt | Suffix:
Title: Deputy Director
Complete Address:
Street1: 305 E Methow Valley Hwy
Street2:
City: Twisp | State: WA: Washington
Zip / Postal Code: 98856 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address:

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** | **First Name:** na | **Middle Name:** Anna

Last Name: Mounsey | **Suffix:**

Title: Program Coordinator

Complete Address:

Street1: 305 E Methow Valley Hwy

Street2:

City: Twisp | **State:** WA: Washington

Zip / Postal Code: 98856 | **Country:** USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**

E-mail Address: annam@mvcitizens.org

EPA Form 5700-54 (Rev 4-02)

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Methow Valley Citizens Council

1234-EPA_2023_Project_Narrative_timeline.pdf
application/pdf
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Application
New
2023-04-10
Methow Valley Citizens Council
91-1061350
SCJCN3LPMCE7
PO Box 774
Twisp
WA: Washington
98856-0774
USA: UNITED STATES

Nancy
McKinney Milsteadt

Deputy Director
Ex. 6 Personal Privacy (PP)
nancy@mvcitizens.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE

AGREEMENT PROGRAM
1235-Areas_Affected.pdf
application/pdf
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Empowering Environmental Justice communities to build climate resiliency through community-oriented solutions, equitable fuels reduction programs and protecting health from poor air quality
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2023-12-01
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460504.08
0.00
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460504.08
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Nancy
McKinney Milsteadt

Deputy Director
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nancy@mvcitizens.org
Mary Yglesia
2023-04-10

Jasmine
Minbashian

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Nancy McKinney Milsteadt
Ex. 6 Personal Privacy (PP)
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Deputy Director
N: No
None
None
None
N: No
Y: Yes
Y: Yes
Y: Yes
N: No
Y: Yes
Y: Yes
Mary Yglesia
Deputy Director
2023-04-10

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99953.86
99953.86

203155.82
203155.82

167395.40
167395.40

470505.08
470505.08

67697.60
5769.76
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2166.00
21300.00
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99953.86
99953.86

67697.60
5769.76
2187.50
13568.00
113100.00
833.00
203155.86
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74597.60
7209.76
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71104.57
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60946.76

83698.20
66958.56
16739.64

188120.72
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111004.35

Our budget is entered based on the three year performance period of the grant. Starting on Dec 1st, 2023 until Dec 1st, 2026.

1236-epa cps doc.pdf
application/pdf
gPoECXAofo/xX2pTO7dyC50ovDY=

1237-output (2).pdf
application/pdf
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UyZt4/m3dZ5Hs1tVFxk65lANjQ4=
2023-04-10T18:22:03.000-04:00
Mary Yglesia
GRANT13856056

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/10/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Methow Valley Citizens Council

* b. Employer/Taxpayer Identification Number (EIN/TIN): 91-1061350

* c. UEI: SCJCN3LPMCE7

d. Address:

* Street1: PO Box 774
Street2:
* City: Twisp
County/Parish:
* State: WA: Washington
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 98856-0774

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Nancy
Middle Name:
* Last Name: McKinney Milsteadt
Suffix:

Title: Deputy Director

Organizational Affiliation:

* Telephone Number: Ex. 6 Personal Privacy (PP)
Fax Number:

* Email: nancy@mvcitizens.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

1235-Areas_Affected.pdf | Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Empowering Environmental Justice communities to build climate resiliency through community-oriented solutions, equitable fuels reduction programs and protecting health from poor air quality

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: 4 | * b. Program/Project: 4

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 12/01/2023 | * b. End Date: 12/01/2026

18. Estimated Funding ($):

* a. Federal	460,504.08
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	460,504.08

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: | * First Name: Nancy

Middle Name:

* Last Name: McKinney Milsteadt

Suffix:

* Title: Deputy Director

* Telephone Number: Ex. 6 Personal Privacy (PP) | Fax Number:

* Email: nancy@mvcitizens.org

* Signature of Authorized Representative: Mary Yglesia | * Date Signed: 04/10/2023

Internal Revenue Service
District Director

Date: June 18, 1986

Our Letter Dated:
May 18, 1981
Person to Contact:
M. Shaw
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)

Farmworkers Justice Fund, Inc.
2001 S Street, N.W., Suite 312
Washington, D.C. 20009
c/o M.S. Schacht

This modifies our letter of the above date in which we stated that you would be treated as an organization which is not a private foundation until the expiration of your advance ruling period.

Based on the information you submitted, we have determined that you are not a private foundation within the meaning of section 509(a) of the Internal Revenue Code, because you are an organization of the type described in section **see below. Your exempt status under section 501(c)(3) of the code is still in effect.

Grantors and contributors may rely on this determination until the Internal Revenue Service publishes notice to the contrary. However, a grantor or a contributor may not rely on this determination if he or she was in part responsible for, or was aware of, the act or failure to act that resulted in your loss of section **see below status, or acquired knowledge that the Internal Revenue Service had given notice that you would be removed from classification as a section **see below organization.

Because this letter could help resolve any questions about your private foundation status, please keep it in your permanent records.

If you have any questions, please contact the person whose name and telephone number are shown above. **509(a)(1)&170(b)(1)(A)(vi).
Attached caveats are an integral part of this letter.

Sincerely yours,

Teddy K. Kern

Teddy K. Kern
District Director

31 Hopkins Plaza, Baltimore, Md. 21201

Letter 1050 (DO) (7

ED_016126_00000587-00001

Internal Revenue Service
District Director

Department of the Treasury

Date:
MAY 18 1981

Employer Identification Number:
52-1136708
Accounting Period Ending:
December 31
Foundation Status Classification:
*509(a)(1) & 170(b)(1)(A)(vi)
Advance Ruling Period Ends:
December 31, 1985
Person to Contact:
R. Hutchins
Contact Telephone Number:
Ex. 6 Personal Privacy (PP)

Farmworker Justice Fund, Inc.
806 15th Street, N.W.
Washington, D.C. 20005

Dear Applicant:

Based on information supplied, and assuming your operations will be as stated in your application for recognition of exemption, we have determined you are exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code.

Because you are a newly created organization, we are not now making a final determination of your foundation status under section 509(a) of the Code. However, we have determined that you can reasonably be expected to be a publicly supported organization described in section 509(a)(1) & 170(b)(1)(A)(vi).

Accordingly, you will be treated as a publicly supported organization, and not as a private foundation, during an advance ruling period. This advance ruling period begins on the date of your inception and ends on the date shown above.

Within 90 days after the end of your advance ruling period, you must submit to us information needed to determine whether you have met the requirements of the applicable support test during the advance ruling period. If you establish that you have been a publicly supported organization, you will be classified as a section 509(a)(1) or 509(a)(2) organization as long as you continue to meet the requirements of the applicable support test. If you do not meet the public support requirements during the advance ruling period, you will be classified as a private foundation for future periods. Also, if you are classified as a private foundation, you will be treated as a private foundation from the date of your inception for purposes of sections 507(d) and 4940.

Grantors and donors may rely on the determination that you are not a private foundation until 90 days after the end of your advance ruling period. If you submit the required information within the 90 days, grantors and donors may continue to rely on the advance determination until the Service makes a final determination of your foundation status. However, if notice that you will no longer be treated as a section *see above organization is published in the Internal Revenue Bulletin, grantors and donors may not rely on this determination after the date of such publication. Also, a grantor or donor may not rely on this determination if he or she was in part responsible for, or was aware of, the act or failure to act that resulted in your loss of section * status, or acquired knowledge that the Internal Revenue Service had given notice that you would be removed from classification as a section * organization.

(over)

Letter 1045(DO) (6-

P.O. Box 13163, Baltimore, MD 21203

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If your sources of support, or your purposes, character, or method of operation change, please let us know so we can consider the effect of the change on your exempt status and foundation status. Also, you should inform us of all changes in your name or address.

Generally, you are not liable for social security (FICA) taxes unless you file a waiver of exemption certificate as provided in the Federal Insurance Contributions Act. If you have paid FICA taxes without filing the waiver, you should call us. You are not liable for the tax imposed under the Federal Unemployment Tax Act (FUTA).

Organizations that are not private foundations are not subject to the excise taxes under Chapter 42 of the Code. However, you are not automatically exempt from other Federal excise taxes. If you have any questions about excise, employment, or other Federal taxes, please let us know.

Donors may deduct contributions to you as provided in section 170 of the Code. Bequests, legacies, devises, transfers, or gifts to you or for your use are deductible for Federal estate and gift tax purposes if they meet the applicable provisions of sections 2055, 2106, and 2522 of the Code.

You are required to file Form 990, Return of Organization Exempt from Income Tax, only if your gross receipts each year are normally more than $10,000. If a return is required, it must be filed by the 15th day of the fifth month after the end of your annual accounting period. The law imposes a penalty of $10 a day, up to a maximum of $5,000, when a return is filed late, unless there is reasonable cause for the delay.

You are not required to file Federal income tax returns unless you are subject to the tax on unrelated business income under section 511 of the Code. If you are subject to this tax, you must file an income tax return on Form 990-T. In this letter, we are not determining whether any of your present or proposed activities are unrelated trade or business as defined in section 513 of the Code.

You need an employer identification number even if you have no employees. If an employer identification number was not entered on your application, a number will be assigned to you and you will be advised of it. Please use that number on all returns you file and in all correspondence with the Internal Revenue Service.

Because this letter could help resolve any questions about your exempt status and foundation status, you should keep it in your permanent records.

If you have any questions, please contact the person whose name and telephone number are shown in the heading of this letter.

Sincerely yours,

District Director

ED_016126_00000587-00003

WASHINGTON DEPARTMENT OF FISH & WILDLIFE

CONSERVATION

Recovery | Species | Hatcheries | Habitat | Harvest

WRIA >> Okanogan - Wria 49

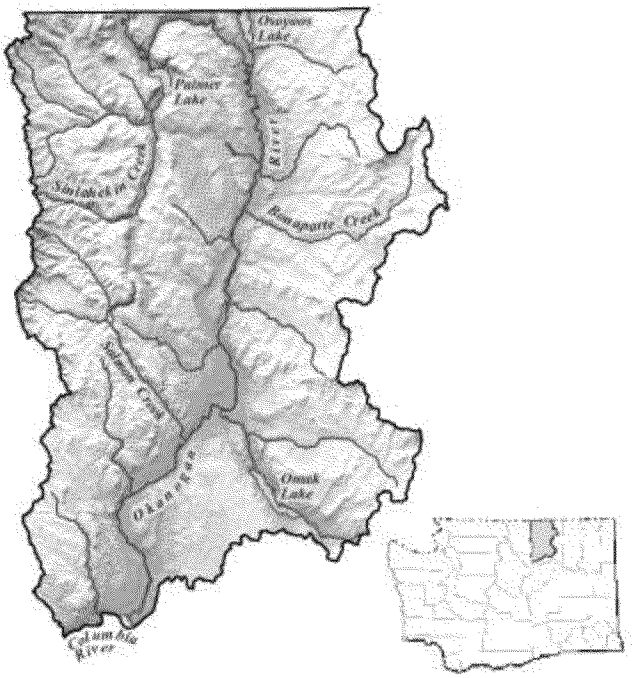
Find by Interactive Map

- By Salmon Recovery Region
- By County
- By Lead Entities
- By WRIA

Show Hatcheries In Map

Go to Population Listing

Go to Hatchery Listing



For more information on salmon recovery and conservation, please contact the WDFW Fish Program.

[b, 6 Personal Privacy (PP)]

fishpgm@dfw.wa.gov

For problems accessing this website or data found on this website, please contact WDFW SCoRE Help.

scorehelp@dfw.wa.gov

WASHINGTON DEPARTMENT OF FISH & WILDLIFE

CONSERVATION

Recovery | Species | Hatcheries | Habitat | Harvest

WRIA >> Methow - Wria 48

Find by Interactive Map

- By Salmon Recovery Region
- By County
- By Lead Entities
- By WRIA

Show Hatcheries In Map

Go to Population Listing

Go to Hatchery Listing



For more information on salmon recovery and conservation, please contact the WDFW Fish Program.

Ex. 6 Personal Privacy (PP)

hahpgm@dfw.wa.gov

For problems accessing this website or data found on this website, please contact WDFW SCoRE Help.

scorehelp@dfw.wa.gov

Methow Valley Citizens Council
Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program
"Empower EJ communities to build climate resiliency through community-oriented solutions, fuels reduction programs and protecting health from poor air quality. "

1.0 PROGRAM OBJECTIVES

a. Project Summary Page

Project title: "Empowering environmental justice communities to build climate resiliency through community-oriented solutions, fuels reduction programs and protecting health from poor air quality."

Project location: Okanogan County, WA. The boundaries for this project roughly include the airshed that is defined by Water Resource Inventory Area (WRIA) 48 and 49. The Methow River Basin (WRIA 48) and the Okanogan River Basin (WRIA 49) are in Okanogan County in north central Washington. The towns within this area include: Mazama (98833); Winthrop (98862); Twisp (98856); Carlton (98814), Methow (98834), Pateros (98846), Okanogan (98840), Omak (98841), Tonasket (98855), Brewster (98812), Oroville (98844), Wauconda (98859), Elmer (99124) and Nespelem (99116).

Applicant Information: Clean Air Methow; Methow Valley Citizens Council; Jasmine Minbashian; Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP), Twisp, WA 98856; jasmine@mvcitizen.org; Ex. 6 - Personal Privacy (PP)

Brief Description of Applicant Organization: Methow Valley Citizens Council (MVCC) is dedicated to raising a strong community voice for protection of the Methow Valley's natural environment and rural character. Since 1976, we have educated the public and decision makers on key environmental and land use issues that define the character of the Methow Valley; engaged citizen participation so our collective voice is heard; and advocated to ensure that environmental laws and regulations are followed. Projects include land use planning; protecting waterways from pollution and over-development; and ensuring a sustainably clean airshed. Climate change mitigation and adaptation concepts are incorporated across all programs.

Are you applying for the Small CBO Set Aside Track for $150,000 projects? No

Project Abstract: Okanogan County is a geographically isolated, under-resourced rural area with residents dispersed among the east slopes of the Cascade Mountains with year-round PM2.5 exposures from smoke (predominantly wildfire, prescribed fire, outdoor burning, and woodsmoke). With growing anticipation of annual wildfires due to a changing climate and prescribed burning in the forests surrounding towns in Okanogan County, measures to ensure climate change resiliency, encourage alternatives to burning, and protect public health from smoke are of critical importance. MVCC recently led a two-year, community-based climate action planning process that evaluated climate change vulnerabilities and identified priority adaptation and mitigation solutions. Advancing the area as a fire- and smoke-ready community is named as a top strategy towards building climate resiliency. Furthermore, North Central Washington is comprised of many organizations, businesses, and government entities with similar missions, visions, and values regarding climate resiliency. In 2025, MVCC and partners will host an Air and Climate Conference in North Central Washington to engage the broader region and procure commitments from local governments on action items directly related to strengthening climate resiliency for vulnerable and overburdened communities. It is anticipated that this work will inform, engage, and deepen connections between overburdened and vulnerable communities across North Central Washington.

Project Type: Monitoring, Demonstration, Public Education
Special Considerations: Climate change/disaster resiliency, rural areas
Environmental issues: Air, climate
Project Partners: Okanogan Conservation District, Pateros Brewster Resource Center, Fire Adapted Methow Valley, University of Washington Climate Impacts Group, The Colville Tribal Reservation Natural Resources Division, Washington State Department of Ecology Air Quality Program
QAPP required? No
Environmental and Public Health information of the Underserved Community

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Extensive heat and extreme, prolonged wildfire smoke events are becoming increasingly frequent phenomena across the Western United States, and are related to manifestations of climate change (e.g. drier forests more susceptible to insects and disease, lower snowpack, etc.). Rural communities in fire-prone and heat-island areas dependent on the outdoors for livelihoods, recreation, and cultural practices, are particularly hard hit. These communities are often already grappling with inadequate access to healthcare services, alternative income sources, and insufficient and low-quality housing.

Okanogan County is located on the eastern slope of the North Cascade Mountain range with approximately 43,000 residents dispersed along drainages; the largest two towns (Okanogan and Omak) each have under 2,600 and 4,700 residents respectively. We utilized the EPA's EJSCREEN tool to provide demographic information for the Okanogan County to provide Okanogan County level statistics, and those are taken into consideration in the discussion below.

For specific information on Okanogan County, we used relevant demographic information from a Data USA report. Residents of Okanogan County are mostly white (64.6%) with a Hispanic population of (20.4%). Okanogan County (pop. 41,638), is also one of the poorest counties in the state (over 55% of households below $50k/yr. and the lowest population density (8 persons/sq. mile). The Data USA report states that the median household income is $50,434 per year, and one quarter earns less than $25,000 per year. Twenty-nine percent of children under the age of 18 are living in poverty (matching the high county poverty rate of 30%), suggesting that it is hard to get by in the valley while raising a family. EJ Screen was used to determine other demographics relevant to this application.

According to EJ Screen, Okanogan County is in the 78th percentile for PM2.5 exposure. Okanogan county is also in the 80% for heart disease and 72% for asthma. The EPA's Commitment to Environmental Justice states that PM2.5 is a pollutant of great concern to already overburdened and vulnerable communities of color including indigenous and low-income people. Scientific evidence shows that both short- and long-term exposures to PM2.5 can harm people's health, leading to heart attacks, asthma attacks and premature death. Large segments of the US population, and, for the sake of this application, Okanogan County, including older adults, children, people with heart or lung conditions and minority populations are at risk of adverse health effects from PM2.5 exposure.

Okanogan County residents vulnerable to the effects of pollution and other environmental, public health, and economic burdens include but are not limited to: women; racial or ethnic groups; low-income individuals and families; individuals who are incarcerated or have been incarcerated; individuals with disabilities; individuals with mental health conditions; children; youth and young adults; seniors; immigrants and refugees; individuals who are of limited English proficiency (LEP); and Lesbian, Gay, Bisexual, Transgender, Queer, and Questioning (LGBTQQ) communities; or combinations of these populations. These disadvantaged communities experience continuing injustice due to systemic inequities that influence their living and working places, the quality of their air and water, and their economic opportunities. In the MVCC Climate Action Plan, equity was defined as providing added support to neighbors in need so everyone can experience the benefits of our adaptation and mitigation actions. It states, "we can all adapt to a changing climate when we work to balance disparities and bring awareness and action to improving the lives of those who are disadvantaged and vulnerable in our community."

Like many rural communities in the Western United States, Okanogan County experiences year-round PM2.5 pollution, predominantly from smoke. For the last several years in summer and fall, some residents have experienced substantial and prolonged smoke exposure from wildfires, with 21 consecutive days of unhealthy to hazardous air quality and 40 days of visual horizon loss in 2018. In 2021, the Cedar Creek fire burned nearly 55,000 acres, and resulted in 21 days of unhealthy to hazardous air quality from smoke. In fall and spring, forest prescribed burning, as well as outdoor burning by many residents in the absence of equitable systems to dispose of vegetative debris, lead to additional significant smoke exposures. Outdoor burning is increasing due to extensive outreach to encourage property owners to become "fire-wise." Fire-wising frequently results in major thinning of trees, vegetative and woody debris that is often intentionally burned to dispose of potential wildfire

"fuels," creating smoke in the process. Finally, winter air quality has been historically poor as many residents heat their homes with wood, often in uncertified, old stoves, and smoke is often trapped close to the valley floor due to weather inversions. House Bill 1168, a Washington State legislative act relating to long-term forest health and the reduction of wildfire dangers, was passed on April 22nd, 2021, which identifies the need to increase prescribed burning and other forest health activities. While the bill mentions prioritizing communication systems to prepare for wildfires, there was no language in the bill addressing public communication plans to inform communities vulnerable to prescribed burning smoke.

c. Organization's Historical Connection to the Underserved Community

The MVCC has been working to preserve the natural environment and rural character of the Methow Valley since 1976; in recent years the organization has expanded its work more broadly to Okanogan County and North Central Washington. Clean Air Methow (CAM) was founded in 2014 as a MVCC project in response to growing concerns about detrimental winter air quality. CAM seeks to create solutions for a sustainably clean airshed and "breathing room" for everybody. Fundamentally, CAM seeks to always work in partnership with community members, other non-profits and organizations, government, schools, etc., in a collaborative approach to solution seeking. Resilient Methow (RM) is another program overseen by MVCC which works to implement the Climate Action Plan (described below). RM offers resources, support, and connection to community partners to empower effective local climate action. MVCC has evolved from a largely independent player in the Methow to a coalition partner on issues of broader geographic and political significance in Okanogan County such as water conservation and land management. The breadth of MVCC's programs (air quality, water sustainability, forestry practices, land use) has increased MVCC's visibility and credibility as a broad scope environmental advocate and attracted new members. Increasingly, our environmental issues are more effectively addressed at the County level. To influence policy, law, and regulation requires greater visibility and partnerships with like-minded individuals, agency staff, and organizations. This project will also help actively identify, seek out, develop, and nurture ongoing relationships with those who share these values. We will identify specific areas where collaboration and collective effort can best advance shared goals and develop working partnerships to achieve them. Described below are some recent successes that MVCC has had in recent years:

• **"Building climate change resiliency and protecting health through smoke disaster preparedness (smoke-readiness)"** With support from an EPA Environmental Justice Small Grant (2021-2023), Clean Air Methow's project promoted smoke-readiness concepts through strengthening public health leadership and focusing on the importance of clean indoor air. Activities of this grant were 1) Build a strong public health network of care providers invested in building "Smoke-Readiness", 2) coordinate an accessible indoor air purifier distribution program and 3) communicate the importance of smoke-readiness to decision-makers and public health leaders to ensure sustainability and growth of programs that support "Smoke-Ready" Communities. A "smoke-ready" community is defined as a community that understands its sources of air pollution, is taking meaningful steps to reduce this pollution, and has dedicated resources to protect the health of its most vulnerable. During this project, CAM conducted five trainings for health care professionals about PM2.5 and human health, while simultaneously developing strong partnerships across Okanogan County with the Okanogan County Community Action Council, Family Health Centers, and Confluence Health. A total of 270 box fan air purifiers were distributed to vulnerable residents of Okanogan County through three distribution partners, listed above. Finally, CAM attended eight public outreach events, highlighting the debut of the "smoke ready checklist", which is an outreach material designed in Spanish and English that informs the public about how they can be "smoke-ready". The rack card provides intervention information and resources about wildfire smoke and human health.

•**Supported and expanded our Clean Air Ambassador Program**: With support from an EPA Environmental Justice Small Grant (2019), CAM has placed a network of 32 Purple Air low-cost PM2.5 sensors with a variety of businesses, schools, municipalities, and individuals, dubbed "Clean Air Ambassadors," as part of an effort to develop a more robust and real-time map of air quality across this large region. In 2020, we expanded the ambassador program to invite individuals to take a "Clean Air Pledge" to become ambassadors; trained our

existing sensor hosts on community FAQs, social media, and air sensor data interpretation; and counseled four other communities in other regions in Washington State (Kittitas, Ferry County, Chelan County) on how to start their own purple air sensor network and program. In a recent survey, responses showed that air quality data is being heavily accessed to inform decision making and protect health by valley residents, especially during wildfire season. Additionally, we worked with Family Health Centers and their community health workers to connect to the Hispanic community asking about their questions regarding wildfire smoke, purple air sensors, and air quality. Via the community health worker's interface with patients, in their clinics and during agricultural worker health and safety orientations, we were able to help support Spanish speakers in their concerns about smoke.

•**Vegetation and chipping drives as an alternative to outdoor burning**, conducted in partnership with the Okanogan Conservation District, Resilient Methow, Town of Twisp; Okanogan County Public Works; Fire-Adapted Methow Valley (FAMV), and the WA Department of Ecology. We have continued to develop a strong partnership with the Okanogan Conservation District, an organization encouraging fire preparedness, resilience and recovery. This has been a successful partnership with hundreds of volunteer hours that demonstrate community receptivity to the intersection of fire safety and smoke reduction. For example, in 2022, CAM and the Okanogan Conservation District partnered to conduct project management, funding, advertising, and outreach for the Town of Twisp to conduct over 7 free chipping and vegetation collection days at the Twisp Transfer Station. Over 100 (of 600 total eligible) Twisp households participated in the curbside chipping event, and 405 loads measuring 50+ tons were taken to the dump, resulting in a huge decrease of smoke from the averted burning. These events not only reduce air pollution but are also a highly visible means to highlight the importance of using alternatives to burning.

•**Outdoor burning outreach:** Funded by a Prevent Non-Attainment grant from Washington's Department of Ecology, CAM launched a county-wide communications campaign that focused on "smoke-readiness" and outdoor burning. During late spring through late fall, the campaign included rack cards, banners, billboards, drink coasters, social media posts and more to highlight the concept of "smoke-readiness" and cleaning your indoor air during smoke events. From late fall until early spring, the campaign focused on outdoor burning. Materials for this effort included an animated video featuring a personification of "smoke" acting as an uninvited guest, a print-style comic ad rendered from the video, billboards, and rack cards. The outdoor burning campaign's objective was to encourage residents of Okanogan County to consider alternatives to burning such as chipping or composting, and to be mindful of how they burn. Organizations outside of Okanogan County have expressed interest in the materials from the campaign and have since shared the materials with them, designing a place on the materials where other organizations can add their logo and distribute. So far, three additional local health jurisdictions have received the materials and planned to distribute them.

•**Woodstove Exchange Program:** With support from the Washington Department of Ecology, CAM has coordinated and administered a woodstove exchange program since 2019. The program focuses on residencies near town centers that experience a higher burden of winter PM2.5 concentration. Applicants who meet specific income guidelines (under $45,000 per year for a 1-person household), may apply to exchange their outdated and inefficient wood stove for a new EPA-certified wood stove. CAM reviews applications and coordinates the installation process with our partner, North Valley Lumber in Okanogan.

Community driven participation in the development of this proposal: The priority need for the specific work proposed within this EPA grant application was identified in the following ways involving the community:

1. *Resilient Methow's Climate Action Plan.* In 2018, Resilient Methow (www.resilientmethow.org) Developed a community-based action plan to identify top priority climate change vulnerabilities, adaptation strategies, and mitigation called the Methow Valley Climate Action Plan. Resilient Methow (RM) was coordinated by MVCC and guided by a community-based Steering Committee; the effort received input through community meetings and interviews with hundreds of valley residents, including dozens of key experts from several different sectors, and traditionally underrepresented groups. CAM's

former Director, Dr. Elizabeth Walker, chaired the health sector subgroup. Reducing emissions, advancing the Methow Valley as a fire-adapted community, and investing in community and economic resiliency was identified as top climate change adaptation strategies, along with community education and outreach around wildfire smoke preparedness and community problem solving.

2. *Community talks and discussions.* Clean Air Methow (CAM) and Resilient Methow (RM) routinely engage at the community level to conduct outreach about air quality and building climate resiliency and solicit community questions and input. A few select examples include the following:

    a. A presentation given to Methow at Home (MAH) members in Spring of 2022 that included a discussion about indoor air quality and air purifiers. MAH's main goal is to offer volunteer services, activities, and educational opportunities to support a vibrant, sustainable, and safe lifestyle for seniors aging in their homes. All attendees reported concerns about air quality and were eager to learn about the benefits of air purifiers to reduce symptoms associated with poor air quality.
    b. A community-based workshop co-hosted by CAM, the Okanogan River Airshed Partnership, EPA, and the US Federal Reserve Bank on "Building a Smoke-Ready Community" in December 2022 had breakout sessions focusing on indoor air quality, outdoor burning solutions and on equity. Attendees discussed how to both promote awareness of the need for clean indoor air, outdoor burning alternatives as well as how to get box fans to households unable to afford them.
    c. A box fan distribution program conducted in partnership with the Okanogan County Community Action Council, Family Health Centers, and Confluence Health. All 270 clients who were offered box fans and accepted them were members of the community who are disproportionately affected by wildfire smoke such as seniors, outdoor agriculture workers and those with pre-existing cardio-respiratory issues. Recipients anecdotally reported that having the air purifiers improved their wellbeing and health.

    d. A Climate Action Plan forum in fall of 2022 highlighted early successes, ongoing efforts, and how to get involved with Climate Action featuring a discussion on national context and local opportunities with Dr. Leah Stokes. Dr. Stokes' research examines public policy, public opinion, and political behavior, with a focus on energy, the environment and climate change. Members of the public came with questions and ideas about how they can respond to climate change. Another forum was held March 2023 which discussed drought planning and water resilience.

EJCPS Model - Demonstrate how this application utilizes the Environmental Justice Collaborative Problem-Solving Model (Section I.B). Provide a clear and concise description about:

• Which of the seven elements of the EJCPS Model will be undertaken for this project. Also, describe which EJCPS Model element(s) associated with this project may have already begun or been accomplished.

EJCPS Model Element 1 and 2: Community Vision, Strategic Planning and Community Capacity: This project builds on existing leadership and experience from the air and climate program's staff at MVCC. It is anticipated that funding from this grant will cover staff expenses for the air program and climate program coordinators who are already doing critical work on equitable air pollution reduction solutions, climate resiliency, education, and outreach. This grant would nurture the leadership skills of both program managers by granting time and resources to effectively carry out their programmatic goals and objectives over the three-year performance period. We plan to continue involving community residents to identify concerns by hosting quarterly forums focusing on the progress and deliverables from the Climate Action Plan. We have identified the Okanogan Conservation District, The University of Washington's Climate Impacts Group, and the Okanogan River Airshed Partnership as key partners for this project.

EJCPS Model Element 3 and 4: Consensus building, dispute resolution, multi-stakeholder partnerships and leveraging of resources: By reinforcing common goals of smoke reduction and climate resiliency, this project aims to establish a common set of ideas and plans to address concerns on air pollution, prescribed burning, public education, and outreach to vulnerable populations. We plan to talk early and often with partners and lean on the established work of these partner organizations to effectively coordinate and execute project deliverables while maintaining and nurturing the relationships for the performance period and through the future. There are clear, workable goals and visions of climate resiliency which MVCC shares with the Okanogan Conservation District that will enable us to work in an organized and effective manner. Shared goals include advancing the Methow Valley as a fire-adapted community, supporting a resilient agricultural community and reducing emissions.

EJCPS Model 6 and 7: Sound management, implementation, and evaluation. Lessons learned and replication of best practices: This project seeks clear results to improve community conditions through an environmental justice lens by actively reducing air pollution and building climate resiliency through accessible programs. Described below are timelines for each activity which will be used to clarify and maintain a realistic workplan. We will use the strength of our partners to help us solve challenges we face by collaborating in innovative and sustainable ways. To do this, we will periodically evaluate our progress through the quarterly forums described above and in organizational staff meetings. It is of the utmost importance that we keep consistent communication with our partners about progress, the lessons learned and our measures of success. We look forward to sharing both the lessons learned and successes at the Air-Climate Conference and beyond as we continue to conduct this work in our county and beyond.

Project Linkages and Partnerships

This proposed project will support EPA's Strategic Plan Goals 1 and 2. Objective 1.2 (Accelerate Resilience and Adaptation to Climate Change Impacts), and Objective 2.2 (Increasing Transparency and Public Participation). Funding community-based projects such as Clean Air Methow and Resilient Methow enables community based and led problem assessment, solution finding, and implementation directly related to the Clean Air Act and its provisions. Clean Air Methow, through several years of work to improve air quality in the community, appreciates the specific sources of pollution, strategies to improve air quality and assess public needs and concerns about health related to air pollution on an ongoing basis. EPA's potential support helps bolster lacking resources and develops additional strategies to reduce air pollution to a community disproportionately impacted by climate change effects. Further, if funded, this work will focus on strategies to motivate the community to reduce unnecessary burning.

Resilient Methow is multi-solving for equity and climate solutions and for the well-being of future generations in the Methow Valley. Drafted by Resilient Methow, the Climate Action Plan for the Methow Valley was created for the community as a plan to prepare for the impacts of climate change and implement climate solutions by reducing local sources of planet-warming emissions. Grounded in science and based on input from experts and community members, the Plan offers a vision for a Resilient Methow and realistic, practical strategies and actions to become a stronger, healthier community.

The Okanogan Conservation District (OCD) provides voluntary, non-regulatory services to landowners and lessees in Okanogan County. In recent years, the OCD, Clean Air Methow and Resilient Methow have partnered to conduct free chipping drives for the Methow Valley. Through these events, our organizations have built a strong, collaborative relationship. For this project, the Okanogan Conservation District will help with outreach for the chipping and vegetation drives and offer insight into resource allocation and location suggestions for the events. Furthermore, the OCD has vast knowledge about local ecology and has been critically important when educating CAM, RM and the public about chipping best practices for fire preparedness.

Fire Adapted Methow Valley (FAMV) is a local organization that fosters understanding and means that motivate and enable Methow Valley community members to live adaptively with fire. Through collaborations with local, regional, statewide, and nationwide partners, FAMV brings fire preparedness education, demonstration and assistance to Methow Valley community members and visitors. Over the past two years (2020-2022), FAMV has piloted an equitable mitigation program and has conducted a literature review. FAMV has identified priority clients who would benefit most from chipping and fire preparedness activities based on prioritization factors and geographic location. In recent years, MVCC has partnered with FAMV to conduct over 10 chipping drive events in the Methow, disseminate important outreach about smoke-readiness, alternatives to burning material and other Firewise health information. We plan to collaborate with FAMV for outreach, information dissemination, and to identify client clusters for chipping and fuels reduction work. FAMV (program coordinator, Kathryn Heim) will be key a partner for the success of activity 2, described below.

This project's full success will be achieved through the participation of the following partners: Okanogan Conservation District, University of Washington Climate Impacts Group, The Pateros Brewster Resource Center, Washington Department of Ecology Air Quality Program, The Colville Tribal Reservation Natural Resources Division and Fire Adapted Methow Valley. We maintain relationships with all these partners through regular and ongoing communication, i.e., daily to weekly to monthly, about mutual objectives, collaboration on existing projects, and updates on clean air activities.

2.0 PROJECT ACTIVITIES/MILESTONE SCHEDULE/DETAILED BUDGET NARRATIVE

a. Project Activities. The major activities associated with our project "Empower EJ communities to build climate resiliency through community-oriented solutions, fuels reduction programs and, protecting health from poor air quality are 1) Building climate change resiliency throughout Okanogan County using the Climate Action Plan framework; 2) Promoting equitable pollution monitoring and fuels reduction solutions; 3) Hosting a regional Air-Climate conference to engage to facilitate communication with decision makers and public health leadership.

Activity 1. Building climate change resiliency. This project promotes climate change resiliency by working to implement actions detailed in the Methow Valley Climate Action Plan (MVCAP), an exceptionally rigorous local plan that serves as our shared guide for building a Resilient Methow. While developed specifically for the Methow Watershed, the Climate Action Plan is relevant to the entirety of the project area and can serve vulnerable populations across Okanogan County. Five criteria were used to prioritize actions for special focus and early implementation. They are: 1) Impact: Actions that address the biggest climate-related issues offer the greatest potential for significant change. 2) Synergistic/cross-cutting: actions that support multiple values/benefits/outcomes are prioritized. 3) Equity: Priority is given to actions that work to resolve system inequities while also addressing a climate-related issue. 4) Foundational: Actions necessary to galvanize other priority actions or support ongoing efforts in new ways. Foundational priorities fill in a missing piece considered essential for a climate-ready community. 5) Timely: Actions that take advantage of a time-limited opportunity are ranked accordingly. The action timelines were further defined: Near-term actions address critical unmet or emerging needs and/or are essential first steps to achieving resiliency and/or mitigation outcomes or ongoing/longer-term actions are those which are already underway and/ or require a longer time to achieve the intended impact. These include actions that address systemic changes, that may require big investments, and/ or require sustained effort to achieve results. Equity was centered in all elements of developing the MVCAP. This includes a commitment to long-term consultation with tribes as well as ongoing engagement with diverse stakeholders. Equity in this plan involves providing added support to disadvantaged groups so everyone can participate in and benefit from climate actions taken, and it recognizes that our disadvantaged community members often bear a greater brunt of climate impacts. Our strategy centers on mobilizing stakeholders and advisors who are actively working to set priorities, support and accelerate local climate action, and implement the MVCAP. It is the community's plan, and RM exists to help the community achieve it. Resilient Methow offers resources, support, and connection to community partners to empower effective local climate action. Accordingly, we will:

1. Convene quarterly educational Climate Action Plan Forums for the public on relevant topics in the climate plan. The goal of these forums is to generate collaboration, educate, provide resources, and increase access to climate solutions – both resilience to climate impacts and mitigation. Forums have been held so far on topics of transportation and drought mitigation, each with over 60 participants - the upcoming spring forum will be focused on resources and available incentives for home electrification.
2. Facilitate a group of community volunteers, the "Implementation Hub", that provides grant writing support, evaluation and metrics, and networking to advance climate action projects. Resilient Methow will assist with other non-profit organizations serving the underserved populations in Okanogan County.
3. Write and distribute newsletters with funding opportunities, resources, and events linked to the MVCAP.
4. Provide grant writing support to partners on climate action and environmental justice projects.
5. Coordinate targeted outreach and collaboration with stakeholders in implementing the MVCAP including the wide spectrum of task force members who helped create the plan. Outreach and coordination efforts will be directed toward other non-profit organizations in Okanogan County, State agencies, Schools in Okanogan County, and the Confederated Colville Tribes to identify ongoing opportunities to advance goals in the MVCAP and explore engagement in The North Central Washington Climate Resiliency and Environmental Justice Conference (Activity 3.)
6. Collect and organize comments and feedback on the MVCAP as they are received for the next update.
7. Support and mentor a summer Western Washington University Climate Leadership Certificate undergraduate fellow. Students gain work experience in climate action while contributing to our implementation efforts.

Results: These activities will serve EJ populations by increasing access to resources and information for both resilience to climate impacts and mitigation of emissions. Educational events and resources, such as the quarterly forums will be developed with an equity lens to ensure that the educational material is relevant and useful to historically underserved populations. The information in the forums will be available in a variety of formats – in person, virtual, and written format. Based on attendance to the first two forums, we anticipate at least 60 attendees at each event. The volunteer Implementation Hub will provide free resources and support to individuals and community organizations looking to advance parts of the MVCAP, such as this free toolkit on home electrification. We anticipate that the ongoing outreach and collaboration with stakeholders in the MVCAP will generate collaboration, build towards a future conference (Activity 3), and identify gaps in the MVCAP where further action is needed to meet goals of climate resilience.

Activity 2. Promote equitable pollution monitoring and fuels reduction solutions as a critical element of climate change resiliency, citizen science and protecting public health. CAM creates solutions for a sustainably clean airshed and "breathing room" for everybody. Due in part to Okanogan County's geophysical landscape and the widespread use of woodstoves, outdoor residential and silviculture burning, the towns of Okanogan County experience some of the worst PM2.5 air pollution in the Pacific Northwest. We propose to fund an air program coordinator to continue to oversee programs in the county that reduce air pollution and build public literacy about air quality and how to protect themselves.
Below are the activities that this project proposes to fund:

1. Conduct 4 free chipping drives per year over the three-year performance period. Increased participation during the 2022 chipping and vegetation events in Okanogan County suggests a growing demand for free events related to burning alternatives. Some participants surveyed at the events stated that barriers to chipping, in general, are a) the cost of disposal outside of the free events and b) physically bringing their debris to the location of the event (borrowing a truck, loading the truck, driving it to the location during working hours). For this project, we propose to identify client clusters of landowners who are of top priority and base the chipping activities closer to their locations. No-cost chipping events that are more accessible bring equitable solutions to those who need them most. Our project partner, Fire Adapted Methow Valley, has committed to helping identify priority locations for a chipper to visit, using their Equitable Mitigation Program as the primary framework. For each event series (two

events total), there will be one day of running the chipper at the client clusters, and one day of running the chipper at a venue where participants bring their woody debris to the location. Fire Adapted Methow Valley has extensively researched and conducted a pilot program to ensure fire preparedness activities are equitable and accessible. Clean Air Methow intends to collaborate and utilize FAMV's knowledge and relationships to host the proposed chipping events in ways that are accessible and meaningful to the people who need them most.

2. Expand the Clean Air Ambassador community-based air monitoring network to replace aging purple air sensors and recruit new sensor hosts in overburdened communities. The performance of low-cost air monitors as they age has not been extensively studied. However, we anticipate that most of our sensors may need replacing after 4-6 years in the field. Air quality and total health burden in most overburdened communities in Okanogan County is currently invisible due to lack of monitoring. This program documents and tracks cumulative exposures from all sources and makes air quality information highly accessible by placing sensors at the homes of community members, making data meaningful and actionable.

3. Communication and outreach efforts specifically focused on environmental justice populations. For example, funds from this grant will cover the design and distribution costs of direct mailer cards, which will be sent to households vulnerable to smoke from prescribed fire. Direct mailers will feature a map, information about prescribed burning, actions they can take to protect themselves from prescribed fire smoke, and resources to learn more. Furthermore, Clean Air Methow plans to continue to design materials in both Spanish and English.

4. Support and mentor a summer intern working closely with Clean Air Methow. The intern will interface with air sensor hosts, attend community engagement events to discuss air quality and alternatives to burning strategies and aid with outreach and communication campaigns. The intern will gain invaluable experience learning about a community-based organization and environmental justice in a rural community.

Results: This Activity will serve EJ populations by offering accessible strategies to reduce PM2.5 pollution (i.e., reduction in outdoor burning) and decrease exposures to smoke through increased monitoring and outreach about health impacts. For example, equitable and accessible chipping and vegetation drives mitigate climate and health risks in our community by reducing the amount of fuel available to burn, thus reducing the amount of PM2.5 being released as smoke. Smoke reduction for the entire county benefits not only the individuals who might be burning, but the vulnerable populations who are disproportionately adversely affected such as older and younger populations, pregnant women, and those with cardio and respiratory conditions. Less smoke in the air in Okanogan County protects these populations. While smoke from wildfires and prescribed burning may not be avoided, part of this project will address how to reduce these uncontrolled PM2.5 exposures such as increased monitoring and outreach about projected activities of prescribed fire, the health effects of smoke and ways people can prepare and protect themselves. The replacement of Purple Air sensors ensures accurate and precise air quality data year-round for overburdened communities in Okanogan County as well as promoting the use of this specific data for science-based decision making. When a new sensor is installed in an area where there was previously no air quality data, the surrounding community benefits from the data and the concept of understanding how to protect themselves and the most vulnerable during unhealthy smoke events. Sensor hosts fill the role of air quality liaison when they take ownership of hosting a sensor. When a host becomes an ambassador, they will learn about air quality, the sources of air quality in Okanogan County, how they can protect themselves and how they can protect those most vulnerable in their communities. These sensors provide a way for the community to understand air quality data and their health, and be able to talk to their peers, family members and their greater community about air quality and smoke-readiness. While building the clean air ambassador network in 2019, we were successful in recruiting over 32 hosts who were enthusiastic to learn about air quality and fill the role of a "clean air ambassador".

Activity 3. Host "The North Central Washington Climate Resiliency and Environmental Justice Conference", Wenatchee, WA, 2025 to facilitate engagement, build deeper partnerships, expand strategies

throughout the region and procure local government commitment to focus on climate resiliency and air pollution reduction through the lens of environmental justice. In North Central Washington, there is an imminent need to gather, share successes and lessons learned and discuss the future of climate resilience across our region and connect with the organizations striving to make a difference. The Methow Valley is an outstanding example of how a community can come together to build and implement a climate action plan. We enthusiastically want to share what we have learned, and the successes we have had with other organizations who are creating and implementing their own, or to inspire other communities to start the process of formally planning for climate change adaptation and mitigation. Funding from this project will foster relationship building with stakeholders, resulting in their anticipated attendance and participation in this conference.

1. MVCC will partner with organizations around the region to host the inaugural North Central Washington Air-Climate conference, coordinating the logistics of hosting a 2-day conference consisting of speakers, vendor booths, workshops and more. This conference will recruit a climate planning committee to provide the basis for strengthening partnerships, sharing ideas, and ensuring stakeholder voices are heard and implemented. The conference will build upon the concept of shaping "smoke-ready" communities for North Central Washington –enabling other local communities to come together to share successes, challenges and lessons learned along the way.
2. Facilitate round table discussions that address key issues outlined in most climate action plans such as forest health interventions, smoke ready communities, outreach about climate resilience to the underserved populations, low-cost air pollution monitoring and visualizations and more.
3. Survey attendees (n= 200) to evaluate the effectiveness of the conference, and whether the attendees felt like they had purposeful conversations, and if they learned anything from the experience. For example, one question would be focused on action: "As a result of this conference, I feel that I have a better understanding of how to draft a program in my own community that tackles air pollution while also being equitable and accessible to all of my neighbors".

Results: We anticipate hosting 200 attendees at the conference who will take a post-conference survey to measure how effective the conference was for what we intended. Through strategic outreach to leaders and decision makers, we will deepen connections and network with other organizations with the same goals. The primary objective of this conference will be to leverage our built relationships and procure commitments from local government to take responsibility of planning for the future and implementing environmental justice and climate resiliency into their initiatives. We will simultaneously use this conference as a vehicle in 2024 to connect organizations, meet in 2025 and then build upon the conversations and commitments as the performance period moves into 2026. Organizations and individuals with historical missions to protect vulnerable populations, forest health, and public safety, must consider the unprecedented impact on public health of current and forecasted smoke exposure levels. We anticipate this conference to nurture effective collaboration and relationship building as described in this activity.

Milestone Schedule (First quarter Winter 2023)

Activity 1.	Timeline

1a. Conduct 12 quarterly forums through the 3-year performance period to advance implementation of the Climate Action Plan and share relevant education and collaboration around rural climate solutions.	• Spring/Summer/Fall/Winter 2023-2026
2a Coordinate and support volunteer "implementation hub", that provides grant support, evaluation and metrics, and networking to advance climate action projects.	• Winter, 2023 through fall 2026
3a. Distribute 12 quarterly newsletters for Resilient Methow over the three-year performance period.	• Winter 2023 through fall 2026
5a. Coordinate targeted outreach and collaboration with stakeholders in implementing the MVCAP	• Summer 2024, 2025 & 2026
9a. Hire summer intern for Resilient Methow.	• Summer 2024, summer 2025, summer 2026
Activity 2.	
1a. Conduct 12 chipping and vegetation drives over 3-year performance period.	• Spring and fall, 2023-2026
1b. Hire program intern.	• Summer: 2024, 2025, 2026
2a. Recruit two new Clean Air Ambassadors to the clean air ambassador network in vulnerable communities in Okanogan County currently without an air quality sensor within ~10 miles.	• Spring 2025
2b. Replace 35 aging Purple Air sensors.	• Spring, summer 2024
3a. Develop a direct mailer outreach toolkit for prescribed burning operations for locally affected communities in North Central Washington.	• Winter 2025-2026
3b. Develop "alternatives to burning" handouts and other material focusing on why and how property owners can reduce air pollution and be prepared for wildfire.	• Spring, 2024 and 2025

Activity 3.	
1a. Secure venue for conference. 1b. Invite partners: other organizations, agencies, businesses. 1c. Secure keynote speaker commitment. 1d. Plan all logistics: audio-visual, catering, rentals, decoration. 1e. Advertise the event. 1f. Coordinate outreach materials (flyers, rack cards, coasters, t-shirts, stickers, etc.) 1g. Host event	• Spring 2024 • Summer 2024 • Winter 2024-2025 • Winter/spring 2025 • Spring 2025 • Summer 2025 • Fall 2025

c. Itemized Budget Sheet / Budget Attached separately.

3.0 ENVIRONMENTAL RESULTS – OUTPUTS, OUTCOMES, TRACKING AND SUSTAINABILITY

a. Environmental Results-Outputs/Outcomes: A logic model is attached separately to this application.

b. Performance Measurement Plan
Staff at the Methow Valley Citizens Council (MVCC), including the CAM and RM coordinators, meet biweekly to discuss progress, challenges, and updates on all projects and grants. Accordingly, progress against articulated milestones/outputs and timeline will be routinely monitored and adjusted if necessary. Milestones and outputs for this project are highly concrete (e.g., development of outreach materials, coordination of chipping and composting events, holding community outreach events, and coordinating the Air-Climate Conference). If milestones appear at risk for meeting the targeted timeline, then MVCC staff will evaluate and troubleshoot to understand what additional resources or intervention is needed to aid in the achievement of the milestone on time or adjust the timeline if deemed necessary.

Assessing short- and long-term outcomes for this project will occur as part of the larger, ongoing Air and Climate Initiative at MVCC. Building climate resiliency is a priority action identified in the MVCC led Resilient Methow climate action planning process. The specific activities outlined in this grant are anticipated to significantly advance this goal. Longer term outcomes such as raised awareness regarding air pollution sources and steps taken to improve air quality will be assessed through numbers of participants in programs and workshops offered such as those on clean home heating and chipping/composting events, as well as visitors to our social media and website pages. We will also consider replications of the programs with other stakeholders or community entities. We routinely poll and ask the community and our partners/stakeholders for feedback and use both qualitative and quantitative approaches to measuring our impact.

c. Sustainability Plan and Community Vision

This project is integrated into a larger vision and several community initiatives to broadly develop climate resilience. The recently published Resilient Methow Climate Action Plan articulates several priority actions,

including many to "increase fire resiliency" that include recommendations to increase the pace and scale of forest health treatments (i.e., including prescription burning); expand fire-wise and fire-adapted community efforts; become a smoke-ready community, and reduce emissions. Implementation groups and teams are currently forming; the timeliness of this grant to help identify stakeholders to oversee this project while actively interfacing with related climate resiliency efforts is ideal. The climate action plan also articulates as a core value "human health and safety" for ALL members of the community, especially the most vulnerable.

4.0 PROGRAMMATIC CAPABILITY

Organizational Experience

The Methow Valley Citizens Council has been established in Methow Valley since 1976. Our organization is a recognized, trusted leader in the community as a resource for environmental policy issues. We have an experienced board and staff who have strong skills in non-profit management and administration, creating and implementing budgets, and executing goal-driven, effective programs in the areas of land use, air quality, and water quality and availability. We have engaged constructively with our local, state and federal land management agencies to develop plans and projects that have broad community buy-in. Over the last four decades we have built strong relationships and partnerships in our community that have enabled us to advance environmental and conservation initiatives with broad community support. MVCC has sponsored an air quality and climate program, Clean Air Methow since 2014, and Resilient Methow since 2018, and is looked to as a trusted source of information regarding air quality and climate solutions. Additionally, MVCC has 800 members in the community and a strong base of experienced and knowledgeable volunteers who have backgrounds in the field of environmental policy, health care, and environmental data analysis that provide excellent support to the program.

Staff Experience/Qualifications of Project Manager (PM)

The Project Manager of this work will be Jasmine Minbashian, the Executive Director of the Methow Valley Citizen's Council. Jasmine was formerly the Communications Director for Conservation Northwest, a large non-profit in the region and is highly experienced in the execution of effective communication campaigns. She is versed in the development of print and earned media, events, social media, and other forms of public relations. For the last 3 years, she has overseen the implementation of MVCC's Clean Air Program and is steeped in the issues and challenges associated with efforts to protect air quality in the valley. She also holds strong relationships with many community leaders including locally elected officials. Jasmine lives with her family outside of the town of Twisp and is deeply embedded in the local community of the Methow Valley.

The key staff member will be Anna Mounsey, MVCC's Air Program Coordinator. Anna holds a Master of Science in Environmental Health with a focus on data science from the Department of Environmental and Occupational Health Sciences from the University of Washington. In 2022, Anna was hired at MVCC to oversee the grant deliverables on the 2021-2023 EPA EJ Grant awarded to MVCC, advised by Elizabeth Walker. Since then, she now works on other program coordination such as the Clean Air Ambassador program, Woodstove Exchange Program, chipping and vegetation event coordination and more. Living on and off in Methow for the past 10 years and moving back full time after college, Anna has created strong and meaningful connections in the community, focusing on how to advance a sustainably clean airshed for the Methow Valley.

The other key staff member will be Dana Golden. Dana is a facilitator, community builder, and problem solver with a focus on climate and health justice. She holds an MBA in Sustainable Systems from Presidio Graduate School where she learned to apply an equity and systems lens to complex problems, and an undergraduate degree in Environmental Policy from Williams college. Dana is currently the community coordinator for Resilient Methow, an initiative to support the implementation of the new Methow Valley Climate Action Plan through stakeholder and community outreach. In the past, she's worked as a consultant synthesizing research, conducting interviews, and facilitating groups in both public and private sector environments. She is inspired by the opportunity to creatively address the root causes and impacts of climate change at home in the Methow Valley.

Elizabeth Walker will be engaged as the Smoke-Ready Expert Consultant. Liz holds a PhD in Toxicology from the Department of Environmental and Occupational Health Sciences at the UW and has specialized training in Risk Assessment and Communication. Along with Kris Ray of the Colville Tribes, Liz has helped pioneer and pilot the concept of smoke-readiness in eastern Washington. A resident of the Methow Valley for 11 years, Liz has grown the Methow Valley Clean Air Project from a mostly winter woodsmoke-focused volunteer effort with a $1500/year budget to its current expression as Clean Air Methow, with a 100-fold increased budget, year-round seasonal air quality programming, and one of the largest networks of purple air low-cost sensors in the world hosted by the "Clean Air Ambassadors." Since 2013, she has personally developed and executed strategic programming and built extensive community relationships to advance a sustainably clean airshed for the Methow Valley, including with all the partners named in this project proposal. Building on her success with Clean Air Methow and Resilient Methow, Liz has recently expanded her consulting practice to work more broadly to address the health effects of climate change.

Expenditure of Awarded Grant Funds
MVCC has a strong system of procedures and controls to ensure funds are spent in a timely and efficient manner. We have an experienced and capable finance committee that meets monthly and includes the Executive Director, Jasmine Minbashian. This committee provides oversight to ensure that all grant monies are spent in a timely way and according to our agreements. We also hold weekly project team meetings which provide regular check-in opportunities to report on and evaluate our progress towards project goals. Our bookkeeping is done through QuickBooks and is kept up to date by an experienced bookkeeper who maintains a regular presence in our office and has close communication with our Executive Director.

5.0 PAST PERFORMANCE

Over the last four years, MVCC has received several large grants, totaling over $541,000. We have successfully completed all reporting requirements on time. Below is a list of five grants MVCC has received in the last two years that are similar in size and scope to the 2023 EPA EJSG we are applying for.

a. $45K from Conservation Alliance (non-federal grant) to support our work with on the Okanogan Wenatchee National Forest implementing science-based forest restoration strategies. Met proposed goals/objectives on time.

b. $90K from Resources Legacy Fund in 2021 (non-federal grant) to support our work with Enloe Dam removal outreach. This is the second round of funding to support this campaign. In 2018 we received $75K, and successfully met proposed goals/objectives on time and submitted a final report.

c. $20K from Vogt Family Foundation (non-federal grant) for our work to foster citizen action for a climate ready future for the Methow Valley. Met proposed goals/objectives on time.

d. $30K Environmental Justice Small Grant from the EPA to assist in expanding our successful Clean Air Ambassador Program to serve additional underserved communities in the Methow Valley and provide educational opportunities regarding air quality. A final report was submitted in September 2021.

e. $282K Ecology Prevent Non-Attainment Grant to create a highly visible, high frequency communications campaign to raise awareness of air quality issues and reduce unnecessary burning in Omak and Okanogan County, create a regional Air Quality Stakeholder Alliance, and to hold seasonal meetings to provide ongoing support for the establishment and success of additional community-based air quality programs. Goals and objectives have been met and a final report will be submitted summer 2023.

f. $75K Environmental Justice Small Grant from the EPA to build climate change resiliency and protect health through smoke disaster preparedness (smoke-readiness). Met and exceeded proposed goals/objectives on time.

g. 6.0 QUALITY ASSURANCE PROJECT PLAN (QAPP)

h. We do not believe this project requires a QAPP.

INTERNAL REVENUE SERVICE
DISTRICT DIRECTOR
2 CUPANIA CIRCLE
MONTEREY PARK, CA 91755-7406

DEPARTMENT OF THE TREASURY

Date: MAY 02 1994

METHOW VALLEY CITIZENS COUNCIL
PO BOX 774
TWISP, WA 98856-0774

Employer Identification Number:
91-1061350
Case Number:
954102090
Contact Person:
TYRONE THOMAS
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)
Our Letter Dated:
June 22, 1990
Addendum Applies:
No

Dear Applicant:

This modifies our letter of the above date in which we stated that you would be treated as an organization that is not a private foundation until the expiration of your advance ruling period.

Your exempt status under section 501(a) of the Internal Revenue Code as an organization described in section 501(c)(3) is still in effect. Based on the information you submitted, we have determined that you are not a private foundation within the meaning of section 509(a) of the Code because you are an organization of the type described in section 509(a)(1) and 170(b)(1)(A)(vi).

Grantors and contributors may rely on this determination unless the Internal Revenue Service publishes notice to the contrary. However, if you lose your section 509(a)(1) status, a grantor or contributor may not rely on this determination if he or she was in part responsible for, or was aware of, the act or failure to act, or the substantial or material change on the part of the organization that resulted in your loss of such status, or if he or she acquired knowledge that the Internal Revenue Service had given notice that you would no longer be classified as a section 509(a)(1) organization.

If we have indicated in the heading of this letter that an addendum applies, the addendum enclosed is an integral part of this letter.

Because this letter could help resolve any questions about your private foundation status, please keep it in your permanent records.

If you have any questions, please contact the person whose name and telephone number are shown above.

Sincerely yours,

Richard R. Orosco
District Director

Letter 1050 (DO/CG)

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) • Twisp, Washington 98856
Ex. 6 - Personal Privacy (PP) • Ex. 6 - Personal Privacy (PP)

Objective

Inspire people to preserve our natural heritage by connecting them to nature.

Experience

2018-present **Executive Director**. *Methow Valley Citizens Council. Twisp, Washington*.
Chief Executive Officer responsible for the organization's consistent achievement of its mission and financial objectives. Duties: Raise and administer funds to support program, supervise staff of eight and budget of $400,000, support and serve as staff liaison to the organization's board of directors.

2014-2018 **Associate Director and Instructor**. *Methow Valley Riding Unlimited. Winthrop, Washington.*
Develop and implement organization's fundraising plan and budget in partnership with board of directors. Lead organizational strategic planning. Teach riding and horsemanship lessons to able-bodied and disabled students from age 3 to adult. Other duties: Maintain website and social media presence assist with horse care, maintain financial records and other administrative functions, administer and maintain organizational database (Salesforce).

2005-2014 **Communications Director and Special Projects**. *Conservation Northwest. Bellingham, Washington.*
Coordinated and implemented media and organizational communications for regional conservation organization with staff of twenty-five in three offices. Developed and implemented special campaigns and projects as needed. Duties: Develop organizational budget, hire and manage communications staff, develop and implement media strategies, edit publications, create marketing plans, cultivate press relations, develop messaging for organization's campaigns and programs.

2005-2012 **Board Director and Treasurer**. *Animals as Natural Therapy. Bellingham, Washington*.
Planned and oversaw a $250,000 budget for a non-profit that empowers individuals of all ages as well as victims of addiction and domestic violence through honest relationships developed with animal partners. Duties: Assist with fundraising, attend monthly board meetings, supervise executive director, recruit new board members, volunteer for programs, help plan events.

2000-2005 **Campaign Director**. *Northwest Old-Growth Campaign. Bellingham, Washington.*
Coordinated a coalition of thirteen conservation organizations working to protect and restore old-growth forests on federal lands in the Pacific Northwest. Duties: Organize monthly meetings, develop campaign strategies, conduct polling and media campaigns, lobby congress, and develop outreach materials.

1997-2000 **Executive Director**. *Pacific Crest Biodiversity Project. Seattle, Washington.*
Supervised and managed a growing non-profit forest conservation organization, which successfully protected Seattle's Cedar River Watershed and over one thousand acres of old growth in Southwest Washington. Duties: manage programs and campaigns, raise funds, supervise staff of five and budget of $200,000.

1995-1996 **Assistant Expedition Leader/ Lecturer**. *Marine Expeditions. Toronto, Canada.*
Helped organize and lead environmental education expeditions to the Antarctic aboard Russian research vessels. Duties: plan and present lectures, map itineraries, pilot Zodiacs, publish daily logs.

Education

1996-1997 **University of Cambridge.** *Cambridge, England. Scott Polar Research Institute.*
Master of Philosophy in Polar Studies. Thesis: Ecological Monitoring in the Antarctic Peninsula Region.

1995 **University of Washington**. *Seattle, Washington. College of Forest Resources.*
Post-graduate work. Coursework: River Ecology, Marine Mammalogy, Statistics, Wildlife Research Techniques, Silviculture.

1988-1992 **Western Washington University**. *Bellingham, Washington. Huxley College of Environmental Studies*. B.S. Environmental Policy and Assessment

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Ex. 6 Personal Privacy (PP) Winthrop, WA 98862 Ex. 6 - Personal Privacy (PP)

Ex. 6 - Personal Privacy (PP)

SUMMARY OF QUALIFICATIONS

- Experienced leader and change catalyst, focused on empowering diverse, multi-stakeholder teams and collaborations.
- Fifteen years of experience in designing and executing effective strategies to support innovation in public health policies.
- Highly skilled communicator: facilitating and presenting in small and large group settings including interfacing with EPA, USFS, FDA, EMA, PMDA, state and local government; leading virtual teams through milestones; writing for lay, regulatory, and scientific audiences.

PROFESSIONAL EXPERIENCE

Director, Clean Air Methow 6/2015 - present
Health and Climate Lead, Resilient Methow 1/2018 - present
Methow Valley Citizens Council

- Lead a non-profit, community-based effort seeking equitable solutions to improve air quality and protect human health, as well as identify community climate vulnerabilities and develop resiliency strategies. Work in partnership with community organizations, municipalities, health practitioners, schools, individuals, and state and federal agencies to identify air and climate issues of greatest concern and implement practical and appropriate solutions.
- Air quality and public health topics addressed include protecting vulnerable populations; risk assessment, perception and communication of air quality information; wildfire smoke health risk; use of low-cost air quality sensors; building smoke-ready communities; impact of smoke disasters on mental health and wellbeing; prescribed burning; outdoor burning; and woodsmoke from home heating.

Principal 11/2017 – present
Elizabeth Walker Consulting

- Specialize in planning, leading, and executing public health needs assessment, solution testing, and impact assessment. Specialty areas of expertise include implementation of novel methodologies and technologies in clinical trials; risk communication; rural air quality issues and wildfire smoke-readiness; community-level engagement and activation; and facilitating collaboration between regulators and industry.

Affiliate Assistant Professor 1/1/2019-present
Department of Environmental and Occupational Health Sciences
University of Washington

- Mentorship and advising of graduate and undergraduate student thesis projects and guest lectures.

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Director, Regulatory Strategy and Submissions 6/2011-11/2017
Critical Path Institute

- Provided leadership for regulatory strategy in support of C-Path's vision to be the global leader in creating multi-stakeholder collaborations that advance scientific innovations to improve human health.
- Developed and instituted organizational best practices, quality management systems, and writing support and review for all regulatory interactions and submissions describing the utility of novel drug development tools from C-Path's fourteen scientific consortia.
- Led C-Path consortia teams to identify and execute effective regulatory strategies for advancing novel tools and methodologies in highly diverse areas of drug development, including facilitating face-to-face interactions with FDA, EMA, and PMDA. Examples include drug safety (translational biomarkers); type 1 diabetes (model-based prognostic biomarkers for prevention trials); Crohn's disease (imaging biomarker for diagnosis and clinical trial endpoint); polycystic kidney disease (imaging biomarker for enrichment); and therapies for neonates (white papers to inform regulatory guidance; standardized disease definitions and treatment protocols).

Executive Director, Predictive Safety Testing Consortium (PSTC) 5/2009 – 6/2011
Assistant Director, Predictive Safety Testing Consortium 1/2008 – 5/2009
Critical Path Institute

- Provided scientific leadership and management of a global, virtual consortium of over 300 industry, regulatory, and academic safety scientists and clinicians from 18 pharmaceutical companies, the FDA, EMA, PMDA and multiple research institutions. Advanced the mission of the consortium in developing novel translational biomarkers to improve patient safety and advance regulatory science through incorporation of cutting-edge research.
- Results achieved include the first-ever biomarker qualification submission and favorable regulatory response through a pilot process at FDA, EMA, and PMDA; aided in the development of a new pathway and written guidance at FDA and EMA for the incorporation of new science into regulated drug studies; widespread adoption of novel kidney toxicity biomarkers into nonclinical and clinical studies that enable better patient protection and decision-making in drug development.
- Management and mentorship of an internal team of 7 (2 Ph.D./Pharm.D., 1 M.D., 2 M.S., 2 B.S.) that supported the PSTC: priority needs identification; clinical and nonclinical study design; project planning, budgeting, resourcing, tracking and execution; compilation and analysis of evidentiary databases; and writing and publication of regulatory qualification submissions and manuscripts.
- Strategic alliance identification and relationship building, scientific publications and presentations, and public education and interface.

Scientist, Toxicology 1/2007 – 1/2008
Associate Scientist, Toxicology 1/2006 – 1/2007
Safety Assessment, Preclinical Development
ZymoGenetics, Seattle, WA

- Performed as preclinical lead and project manager for novel antibody drug candidate for Hepatitis C virus. Designed and launched implementation of preclinical development plan, including species justification, PK/PD, mechanistic pharmacology, and toxicology studies.

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- Acted as Study Director for in-house combination therapy and mechanistic safety studies to enable expanded indication for Phase II trials of recombinant fusion protein for multiple sclerosis.
- Designed, performed, and reported in vitro and in vivo mechanistic toxicology studies to support successful IND submissions.
- Led the creation of a rigorous GLP-like process for in-house studies including defining roles, expectations, and responsibilities for protocol development and review, management of in-life activities, data acquisition and storage, and reporting.
- Wrote and formalized cross-departmental collaboration to generate risk assessments for impurities in BDS and drug product from manufacturing process that supported successful IND and BLA submissions.

Medical and Scientific Writer 7/2003 – 1/2005
Safety Assessment, Preclinical Development
ZymoGenetics, Seattle, WA

- Regulatory writing and editing of INDs; scientific writing and editing of peer-reviewed manuscripts; and scientific and medical writing of in-house white papers and SOPs.

EDUCATION

Ph.D., Toxicology, 2005
Certificate of specialized training in Risk Assessment, 2003
Department of Environmental and Occupational Health Sciences, University of Washington

B.S. *cum laude*, Cellular and Molecular Biology, Humboldt State University, 1998

PEER-REVIEWED PUBLICATIONS

Ex. 6 Personal Privacy (PP) What can we do when the smoke rolls in? An exploratory qualitative analysis of rural wildfire smoke wellbeing impacts and adaptation opportunities. Under review in *BMC Public Health*.

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) Serum neurofilament light as a biomarker in progressive multiple sclerosis. Neurology. 2020, 95:1-9.

Ex. 6 Personal Privacy (PP) Establishing a Community Air Monitoring Network in a Wildfire Smoke-Prone Rural Community: The Motivations, Experiences, Challenges, and Ideas of Clean Air Methow's Clean Air Ambassadors. Int. J. Environ. Res. Public Health. 2020, 17(22): 8393-97.

Ex. 6 Personal Privacy (PP) Qualification of Safety Biomarkers for Use in Drug Development: what has been achieved and what is the path forward? Current Opinion in Toxicology. 2017. 4:66-73.

Ex. 6 Personal Privacy (PP) Net Reclassification Index (NRI) and Integrated Discrimination Index (IDI) are not appropriate for testing whether a biomarker improves predictive performance. Toxicological Sciences. 2017. 156(1):11-13.

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Ex. 6 Personal Privacy (PP) Promoting Adoption of the 3Rs through Regulatory Qualification. ILAR Journal 2016. 57 (2): 221-225.

Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP), Rat urinary osteopontin and neutrophil gelatinase-associated lipocalin improve certainty of detecting drug-induced kidney injury. Toxicological Sciences. 151(2): 214-223. 2016.

Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) VE. Evaluation of the relative performance of drug-induced skeletal muscle injury biomarkers in rats. Toxicological Science. 150(1):247-56. 2016.

Ex. 6 Personal Privacy (PP) The Predictive Safety Testing Consortium: safety biomarkers, collaboration, and qualification. Journal of Medicines Development Sciences. 1(1):34-45. 2015.

Ex. 6 Personal Privacy (PP) Evolving global regulatory science through the voluntary submission of data: a 2013 assessment. Therapeutic Innovation and Regulatory Science. 48(2):236-45. 2014.

Ex. 6 Personal Privacy (PP) Opportunities and challenges of safety biomarker qualification – perspectives from the Predictive Safety Testing Consortium. Drug Development Research. 74(2):121-26. 2013.

Ex. 6 Personal Privacy (PP) Research at the interface of industry, academia, and regulatory science. Nature Biotech.28(5):432-3. 2010.

Sistare F et al. (multiple authors of the PSTC Nephrotoxicity Working Group). Towards consensus practices to qualify safety biomarkers for use in early drug development. Nature Biotech. 28(5):446-54. 2010.

Dieterle et al. (multiple authors of the PSTC Nephrotoxicity Working Group). Renal biomarker qualification submission: a dialogue between the FDA/EMEA and PSTC. Nature Biotech. 28(5):455-62. 2010.

Ex. 6 Personal Privacy (PP) Translational toxicology and the work of the Predictive Safety Testing Consortium. Clin Pharmacol Therap. Mar 85(3):327-30. 2009.

Ex. 6 Personal Privacy (PP) Gene expression profiling analysis reveals arsenic-induced cell cycle arrest and apoptosis in p53-proficient and p53-deficient cells through differential gene pathways. Toxicol Appl Pharmacol. 233(3):389-403. 2008.

Ex. 6 Personal Privacy (PP) Toxicity as a result of immunostimulation by biologics. Expert Opinion on Drug Metabolism and Toxicology. 3(2): 209-234. 2007.

Ex. 6 Personal Privacy (PP)
Cell cycle inhibition by sodium arsenite in primary embryonic rat midbrain neuroepithelial cells. Toxicological Science 89(2): 475-84. 2006.

Ex. 6 Personal Privacy (PP) The magnitude of methylmercury-induced cytotoxicity and cell cycle arrest is p53 dependent. Birth Defects Research (Part A) 73: 29-38. 2005.

SELECTED ABSTRACTS, BOOK CHAPTERS, AND PRESENTATIONS

Ex. 6 Personal Privacy (PP) "Building a smoke-ready community." Climate Adaptation and Resilience Workshop: Preparing a Smoke Ready Action Plan for our Communities. Co-hosted by Confederated Tribes of the Colville Reservation, Okanogan River Airshed Partnership, Clean Air Methow, EPA, FEMA and the Federal Reserve Bank of San Francisco. Virtual workshop. 2020.

Ex. 6 Personal Privacy (PP) "Community Response to Smoke." 2019 Smoke Management in the Northwest: Smoke Ready Communities. EPA Region 10, Seattle, WA. 2019.

Ex. 6 Personal Privacy (PP) "Preserving the Methow Valley Airshed and Protecting Our Health." Washington State Department of Ecology Air Quality Leadership Meeting. 2019.

Ex. 6 Personal Privacy (PP) Okanogan River Airshed Partnership Annual Meeting. 2017, 2018, 2019, 2020, 2021.

Ex. 6 Personal Privacy (PP) "Wildfire Smoke Impact on Health and Wellbeing." Smoke Risk Communication Stakeholders Synthesis Workshop. Seattle, WA, 2018.

Ex. 6 Personal Privacy (PP) "The Value of Safety Biomarker Qualification from the Submitter's Perspective." Japan Safety Biomarker Conference. Riken Institute, Yokohama, Japan. 2017.

Ex. 6 Personal Privacy (PP) (2016) Translatable biomarkers in drug development: regulatory acceptance and qualification. In Yvonne Will, J. Eric McDuffie, Andrew J. Olaharski and Brandon D. Jeffy (Eds.), *Drug Discovery Toxicology: From Target Assessment to Translational Biomarkers*. NY, NY: John Wiley & Sons, Inc.

Ex. 6 Personal Privacy (PP) "Advancing adoption of novel safety biomarkers into drug development through voluntary submission of data at FDA, EMA, and PMDA." Society of Toxicology Annual Meeting. San Antonio, TX. 2013

Ex. 6 Personal Privacy (PP) "Biomarker qualification: what it is and what it isn't." World Theranostics Congress USA. San Diego, CA. 2011.

Ex. 6 Personal Privacy (PP) "Qualification of safety biomarkers for use in drug development: developing consensus science with the Predictive Safety Testing Consortium." Pacific Northwest Association of Toxicologists annual meeting. Corvallis, OR. 2010.

Ex. 6 Personal Privacy (PP) (2010) Public-Private Partnerships for Translational Research and Drug Development. In Rajesh Krishna and Bruce Littman (Eds.), *Translational Medicine and Drug Discovery*. NY, NY: Cambridge University Press.

Ex. 6 Personal Privacy (PP) "Collaborative innovation in drug development: the CPI, C-Path, and PSTC." Collaborative Innovation in Biomedicine: drivers, best practices, and strategies for pre-competitive consortia. Washington DC. 2009.

Ex. 6 Personal Privacy (PP) "Bridging the gap between discovery and patient benefit: collaborative innovation and the Critical Path Institute." Charting the Course to Commercialism. Center for Drug Research and Discovery. Vancouver, BC, Canada. 2009.

Ex. 6 Personal Privacy (PP) "Overview of the Pathophysiology of Cytokine Storm, SIRS, and MOD." Society of Toxicology Annual Meeting. Baltimore, MD. 2009.

Ex. 6 Personal Privacy (PP) Novel toxicology database allowing for cross-company, multi-study data mining and analysis for the qualification of safety biomarkers. Society of Toxicology Annual Meeting. Baltimore, MD. 2009.

Ex. 6 Personal Privacy (PP) "Qualification of New Safety Biomarkers for Use in Drug Development: Experience of the Predictive Safety Testing Consortium." Molecular Medicines Tri-Conference. San Francisco, CA. 2009.

Ex. 6 Personal Privacy (PP) "Moving Biomarkers into Application: Case Study in Nephrotoxicity Biomarkers" Molecular Medicines Tri-Conference. San Francisco, CA. 2009.

Ex. 6 Personal Privacy (PP) "The Predictive Safety Testing Consortium: Opportunities and Challenges in Safety Biomarker Qualification." Reducing Toxicity. London, UK, 2009

Ex. 6 Personal Privacy (PP) "Bridging the Gap from Discovery to Routine Application: The Predictive Safety Testing Consortium's Approach to Biomarker Qualification." Biomarker World Congress, Philadelphia, PA. 2008.

Ex. 6 Personal Privacy (PP) Toxicities resulting from immunostimulation by biologics." Immunotoxicology V. Alexandria, VA. 2007.

Ex. 6 Personal Privacy (PP) Examination of Arsenic-induced Alterations in Cell Cycle Progression and Global Gene Expression in p53 Transgenic Mouse Embryonic Fibroblasts. The Toxicologist. An official Journal of the Society of Toxicology, Volume 90, Number S-1, March 2006.

Ex. 6 Personal Privacy (PP) A role for p53 in mouse midbrain neuronal precursor cell (NPC) cell cycle arrest and premature neuronal differentiation following methylmercury exposure. Society of Toxicology Annual Meeting. San Diego, CA. 2006.

Ex. 6 Personal Privacy (PP). Systems biology models for integration of diverse studies of the developing neocortex after exposure to low dose radiation from external and internal sources. Society of Toxicology Annual Meeting. San Diego, CA. 2006.

Ex. 6 Personal Privacy (PP) Association of cell cycle regulatory proteins with cell cycle exit and differentiation in mouse embryonic midbrain neuronal precursor cells. Society of Neurotoxicology Annual Meeting, Research Triangle Park, NC, 2005.

Ex. 6 Personal Privacy (PP). "Dynamic characterization of a mouse embryonic mesencephalon neuronal precursor cell culture system." Platform presentation, Society of Teratology Annual Meeting, St. Pete Beach, FL, 2005.

Ex. 6 Personal Privacy (PP) "Risk assessment of formaldehyde and its recent reclassification by IARC." International Union of Toxicology Risk Assessment Summer School, Hemenhoffen, Germany. 2004.

Ex. 6 Personal Privacy (PP) Griffith WC, and Faustman EM. Connecting molecular signaling with cell cycle dynamics in methylmercury treated p53 transgenic mouse embryonal fibroblasts: a mathematical model. Society of Teratology Annual Meeting, Vancouver, B.C., 2004.

Ex. 6 Personal Privacy (PP) "Role of checkpoint pathways in developmental toxicology." Invited lecture, Mid-Atlantic Reproductive Toxicology Association Annual Meeting. Collegeville, PA, 2003.

Ex. 6 Personal Privacy (PP) Mechanism of cell cycle arrest in methylmercury treated p53 mouse embryonal fibroblasts: role of checkpoint pathways in developmental toxicology. Society of Teratology Annual Meeting, Philadelphia, PA, 2003.

Ex. 6 Personal Privacy (PP) Evaluation of cell cycle kinetics in mouse embryonal fibroblasts: effects of methylmercury. Society of Toxicology Annual Meeting, Salt Lake City, UT, 2002.

SCIENTIFIC MEMBERSHIPS AND COMMITTEES

University of Washington EDGE center community advisory group, 2019 - present
Washington Wildfire Smoke Impacts Advisory Group, 2019 - present
EPA Region 10 Smoke Management Meeting Organization Committee, 2019 – present
Resilient Methow Health and Climate Chair, 2019 – present
Society of Toxicology, 2002 - present
American College of Toxicology, 2008 - 2014
Arizona Bioindustry, 2007 - 2012
Society of Teratology, 2003 - 2007
Pacific Northwest Association of Toxicology, 2000 – 2007
Association of Women in Science, 2004 – 2016

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Winthrop, WA 98862
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Ex. 6 Personal Privacy (PP)@mvcitizens.org

Education

Montana State University -Bozeman, MT 2015-2019
Bachelors of Science
Microbiology
University of Washington -Seattle, WA 2020-2022
Masters of Science Environmental Health

Methow Valley Citizens Council **Twisp, WA**
Air Program Coordinator
February 2022-present

- Coordinate seasonal programs: clean air ambassador network, woodstove exchange program, chipping and vegetation drives, air purifier distribution, grant management assistance of Ecology and EPA Environmental Justice grants (2022-2023)
- All communications: eNewsletter, social media, public outreach events

Experience NOAA Northwest Fisheries Science Center **Nome, Alaska**
Research Assistant
August-September 2019

- Collected water samples from a CTD Rosette and underway service line
- Whole cell procedure for *Alexandrium catenella*
- Filtered for *Pseudo-nitzchia*
- Sediment grabs for cyst analysis
- Synthesized summary for replicability of work
- Drafted summaries for NOAA harmful algal bloom report

Publications

Ex. 6 Personal Privacy (PP) "Paralytic Shellfish Toxins in Alaskan Arctic Food Webs during the Anomalously Warm Ocean Conditions of 2019 and Estimated Toxin Doses to Pacific Walruses and Bowhead Whales." *Harmful Algae*, vol. 114, 2022, p. 102205., https://doi.org/10.1016/j.hal.2022.102205.

Leadership Experience

Owner and operator of commercial fishing vessel FV Syren, Naknek, Alaska
Board member: Methow Valley Evergreen Mountain Bike Alliance
NCAA Division 1 Alpine Ski Team, Montana State University 2015-2019
Board Member: Science-Policy Advocacy Network, 2017-2019, Bozeman, Montana

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SUMMARY

Passionate facilitator, listener, and problem solver bringing people together around environmental justice, health, and community.

EDUCATIONAL BACKGROUND

Presidio Graduate School, MBA in Sustainable Systems 2020
Williams College Williamstown, MA Bachelor of Arts in Environmental Policy 2013

WORK EXPERIENCE

April 2021– present | Community Engagement Coordinator at Resilient Methow
Resilient Methow is an initiative to support and implement the Methow Valley Climate Action Plan by leveraging funding for mitigation and resilience, supporting community projects, and collaborating across organizations and agencies.

- Coordinate communications, outreach, and engagement for implementation of the Methow Valley Climate Action Plan with an emphasis on equity and inclusion.
- Conduct outreach conversations with strategic stakeholders and partners to support implementation of the Climate Action Plan.

September 2018 – December 2020 | Graduate School Project and Course Work

- Selected relevant courses: Multisector Strategic Partnerships and Financial Solutions, Systems, Sustainability, and Social Justice, Civic Leadership and Diversity, Planning, Policy, and Sustainable Economic Development
- A visual systems mapping project to document the impact of the fossil fuel industry on preventing climate action.
- Research project and analysis for the Silicon Valley Leadership Group on the policies and financial implications of campus electrification.
- Student consulting project on leadership culture and organizational change for Seattle Venture Partners.

September 2016 – June 2020 |Associate at Thomas Goldstein Associates
Non-profit and business coaching, strategic development, values alignment, and talent acquisition for local Seattle organizations such as Grist, Delridge Neighborhood Development Association (DNDA), Molly Moon's Ice Cream, Caffe Vita, Café Gourmando, and the Derschang Group. Responsibilities included:

- Facilitating strategic planning and group decision making.
- Synthesizing information from organizational culture change projects into succinct recommendations.
- Communicating directly with clients, create meeting agendas, summaries, and project work plans.

August 2013 - July 2016| Project Assistant at Cascadia Consulting
Environmental consulting for salmon recovery, energy efficiency, and more. Responsibilities included:

- Supporting facilitation of the Puget Sound Salmon Recovery Council and Washington Coast Marine Advisory Council through research, work planning, meeting summaries, policy memos, and subcommittee facilitation.
- Supporting facilitation for the Yakama Nation Climate Plan. Interviewed scientific experts at the University of Washington tribal elders about the history of the land and the tribe and compiled notes and content for the final plan.
- Conducting customer service for the City of Seattle's Community Power Works Program helping home owners complete energy efficiency retrofits on their homes and benefit from efficiency rebate opportunities.
- Leading the logistics, coordination, and customer service for the Low Impact Development Training Program with the Department of Ecology. Scheduled and coordinated 80+ trainings around Washington State over 6 months.

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WELLNESS WORK EXPERIENCE

2016 - Present | Private Yoga teacher for PATH

- Teach twice weekly yoga classes for a global health equity non-profit.
- Teach to a wide range of ability and fitness levels with a focus on mental and physical well being for employees.
- Build community for employees and create connection outside of a work context.

2020 - Present | Yoga for Parkinson's at Daily Dose PD

- Teach weekly class for people with Parkinson's Disease.

2015- Present | Studio Yoga Teacher at Sol Yoga and Be Luminous Yoga

- Teach 6 classes per week in a variety of styles to inspire connection and balance in mind and body, facilitate community, and empower students to their fullest expression and potential.
- Assistant teacher training cohorts providing coaching and feedback for teacher training students.

ACTIVITIES

Climate Justice Steward – Initiative 1631

- Volunteer organizer with Initiative 1631 for a carbon fee in Washington state.
- Organized and hosted thirteen door to door canvassing events with 8-16 volunteers each.
- Recruited volunteers, and trained each group on the canvassing technology, and talking with voters about climate justice and the initiative.

Williams College Women's Rowing Team

- Captain and four time NCAA Champion (2009-2013)

Food Justice Volunteering

- Rainier Valley Food Bank - Volunteer for bulk food packaging and Saturday food distribution.
- FEEST - Volunteer for FEEST's youth led community food justice dinners.

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ADDITIONAL TRAINING

- **"Climate-Change-Mind-Set: Why a Critical Racial Justice Mindset Is Essential for Effective Climate Justice"** Training with Heather Hackman September 2016
- **Wilderness First Responder** Winter 2012
- **Be Luminous Yoga Teacher Training:** Completed the 200-hour certification program in 2015
- **Mountaineers Basic Climbing Course:** 2016

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Okanogan Conservation District
1251 S. Second Ave, Room 102 Okanogan, WA 98840

Dear Review Committee:

The Okanogan Conservation District is honored to submit this letter of commitment for the Methow Valley Citizen Council's proposal to the EPA's Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program.

Since 1940, the Okanogan Conservation District has coordinated many programs including habitat improvements, water quality and conservation, habitat improvement, agricultural assistance, wildfire resiliency and recovery, and community outreach and education. Our community relies on the Okanogan Conservation District to educate and advocate on large-scale public and private land through voluntary and non-regulatory services. We work closely with wildlife biologists, foresters, landowners, land management agencies, botanists, and community partners to identify top-level conservation priorities.

The Okanogan Conservation District is actively collaborating with the Methow Valley Citizens Council in the EPA EJ CPS grant project entitled, "Empowering EJ communities to build climate resiliency through community-oriented solutions, fuels reduction programs and protecting health from poor air quality." The Okanogan Conservation District commits to continuing this support and will help with outreach for the chipping and vegetation drives and offer insight into resource allocation and location suggestions for the events. Furthermore, Okanogan CD has vast knowledge about the local ecology and has been critically important when educating Clean Air Methow, Resilient Methow, and the public about chipping best practices for chipping and fire preparedness.

We look forward to strengthening our partnership with MVCC through the objectives we've collaborated on as well as those outlined in this project.

Sincerely,

Craig Nelson
Executive Director

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March 26, 2023

Dear Review Committee,

We are writing to affirm our enthusiastic commitment to the Methow Valley Citizens Council's (MVCC) proposal for the EPA's Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program.

Through collaborations with local, regional, statewide, and nationwide partners, Fire Adapted Methow Valley (FAMV) brings fire preparedness education, demonstration, and assistance to Methow Valley community members and visitors. FAMV's mission is to foster understanding and means that motivate and enable Methow Valley community members to live adaptively with fire.

For the last three years, FAMV, Clean Air Methow and, more recently, Resilient Methow have worked closely with state and local officials to assist those with limited means and avert backyard burning by conducting annual or biannual green waste disposal and chipping events. Clean Air Methow and Resilient Methow have been instrumental in their ongoing support of and outreach at these events and have sought alignment and joint opportunities to help community members and neighborhood leaders of existing or developing Firewise USA ® sites identify strategies and take action to reduce wildfire risk.

Clean Air Methow and FAMV both recognize that wildfire does not affect all residents equally. Those most vulnerable to wildfire risk and its impacts are community members who, due to their social, economic, and demographic situations, are unable to independently prepare for and mitigate risk.

FAMV recently completed a two-year pilot project focused on serving socially vulnerable residents in the valley. This work set the foundation for the development and management of an Equitable Risk Mitigation Program (EMP). We currently are completing an in-depth program report and toolkit to support EMP implementation in the Methow Valley and a framework for others from across the State and Nation to adopt and adapt. Future implementation of this program will rely on extensive collaboration with organizations like Clean Air Methow and Resilient Methow to meet the needs of those who are underserved.

FAMV is thrilled to support this proposal. If MVCC is awarded funding, FAMV looks forward to collaborating with Clean Air Methow to bring equitable fuel reduction events and fire preparedness work to the valley's vulnerable and underserved community members. We will work closely with CAM, Resilient Methow, and other partner organizations to ensure this work is successful in Okanogan County, and beyond.

Sincerely,

Kathryn Heim, Program Coordinator
Fire Adapted Methow Valley,
a program of the Washington Resource Conservation and Development Council
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Hilary Lundgren, Executive Director
Washington Resource Conservation and Development Council
hilary@washingtonrcd.org

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Pateros-Brewster Community Resource Center
169 Pateros Mall, Suite A, P.O. Box 491
Pateros, WA 98846 Ex. 6 - Personal Privacy (PP)

March 27, 2023

Dear Review Committee,

The Pateros-Brewster Community Resource Center (PBCRC) is grateful for the opportunity to submit this letter of commitment in support of Methow Valley Citizens Council's proposal to the EPA's Environmental Justice Collaborative Problem Solving (EJCPS) Cooperative Agreement Program.

PBCRC is a Pateros-based 501(c)(3) charitable nonprofit corporation that provides social service support for members of our communities and a location for other providers to bring their programs to South Okanogan County. Our mission is actually the greeting that you would get when you walk in our door, "We're here to help. What's on your mind?".

We have been pleased to collaborate with Clean Air Methow in the past year with the air purifier box fan display program. During the year before that, PBCRC was the south Methow Valley distribution point for the air purifier program that was coordinated through the mayors of Winthrop, Twisp, and Pateros. We were happy to assume the responsibility for that program from the City of Pateros and distribute the remainder of their inventory on our own. PBCRC has also been the local bilingual promotion point for materials on smoke readiness and applications for MVCC's wood-stove program.

We are looking forward to continuing to be an active partner in their pursuit of the EPA EJCPS grant and other projects to help better serve our communities. We will continue to be the local source of information and material about smoke readiness to all of our neighbors. We enthusiastically encourage you to approve MVCC's grant application.

Thank you for your consideration,

Gene Dowers, Executive Director

CLIMATE IMPACTS GROUP

Building climate resilience for people and nature

College of the Environment

University of Washington
Box 355674
Seattle, Washington
98195-5674

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FAX Ex. 6 - Personal Privacy (PP)

cig.uw.edu

03/30/2023

Re: MVCC application for the EPA Environmental Justice Collaborative Problem Solving grant

To Whom it may Concern,

The Climate Impacts Group supports the Methow Valley Citizen Council's proposal to the EPA's Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program.

The Climate Impacts Group helps people across the Northwest understand how the effects of climate change — including rising air temperatures, decreasing snowfall, rising sea levels and drier summers — stand to affect life in our region. We focus on co-producing knowledge that is both *useful* and *used* to help our region prepare for, and better cope with, the effects of a changing climate. We support planners, natural resource managers, engineers, policymakers and community members across the region as they use science to build climate resilience.

Our partners work in a variety of sectors and contexts, including government agencies, non-profit organizations and community groups. We are widely recognized for scientific discovery, as an experienced creator of impartial and actionable science on identifying and managing climate risks, and as a catalyst and supporter of regional efforts to build climate resilience.

The Methow Valley Citizens Council's EPA EJ CPS grant project entitled, "Empowering EJ communities to build climate resiliency through community-oriented solutions, fuels reduction programs and protecting health from poor air quality" is in alignment with the CIG's efforts to center the needs of frontline communities that have been historically underserved in our region. The activities and program objectives of this grant directly align with our group's mission and vision.

Sincerely,

Jason Vogel
Interim Director
Climate Impacts Group

100% POST-CONSUMER RECYCLED PAPER
PRINTED WITH SOY-BASED INKS

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
PO Box 47600, Olympia, WA 98504-7600 • Ex. 6 - Personal Privacy (PP)

April 3, 2023

Methow Valley Citizens Council
305 East Methow Valley Highway
Twisp, WA 98856

Dear Review Committee:

We are happy to write this letter of support for the Methow Valley Citizens Council's (MVCC) proposal for the EPA's Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program.

The Department of Ecology's (Ecology) Air Quality Program (AQP) works to protect, preserve, and enhance Washington's environment for current and future generations. As a part of this work, Ecology's AQP manages smoke from agricultural and industrial sources and conducts air quality monitoring through permits, regulations, and reporting systems intended to keep air pollution at healthy levels. Additionally, Ecology's AQP strives to support community-based partnerships for better air quality and environmental equity and justice. We have worked with Clean Air Methow, which is a project of MVCC, on projects such as their smoke ready and outdoor burning communication campaigns. Additionally, MVCC is the recipient of a Woodstove Replacement grant, administered by Ecology, that seeks to reduce fine particle air pollution in Okanogan County.

In summary, Ecology's Air Quality Program is thrilled to support this proposal which includes activities designed to reduce fine particle air pollution in Okanogan County.

Sincerely,

Kathy Taylor
Air Quality Program Manager

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Oregon Coast Visitors Assocaition

Address: P.O. Box 940

City: Tillamook

State: OR: Oregon Zip Code: 97141

B. Unique Entity Identifier (UEI): K83MCVLDYRG7

C. Applicant/Recipient Point of Contact

Name: Arica Sears

Phone: Ex. 6 Personal Privacy (PP)

Email: deputy@thepeoplescoast.com

Title: Deputy Director

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

No Pending Civil Rights Lawsuits or admin complaints.

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

No Civil Rights Lawsuits or admin complaints in the last year.

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

No civil rights compliance reviews.

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

Not applicable

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

Not applicable

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Marcus Hinz	Deputy Director	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

IRS Department of the Treasury
Internal Revenue Service

OMB Clearance No.: 1545-0074

In reply refer to: 0752594860
Apr. 13, 2023 LTR 4168C 0
91-1826399 000000 00
00028321
BODC: TE

ATLANTA GA 39901-0001

OREGON COAST VISITORS ASSOCIATION
INC
PO BOX 940
TILLAMOOK OR 97141

030256

Employer ID number: 91-1826399
Form 990 required: Yes

Dear Taxpayer:

We're responding to your request dated Apr. 04, 2023, about your tax-exempt status.

We issued you a determination letter in June 2010, recognizing you as tax-exempt under Internal Revenue Code (IRC) Section 501(c)(6).

Because you're not an organization described in IRC Section 170(c), donors can't deduct contributions they make to you. You should advise your contributors that their contributions to you aren't deductible.

In the heading of this letter, we indicated whether you must file an annual information return. If you're required to file a return, you must file one of the following by the 15th day of the 5th month after the end of your annual accounting period:

- Form 990, Return of Organization Exempt From Income Tax
- Form 990EZ, Short Form Return of Organization Exempt From Income Tax
- Form 990-N, Electronic Notice (e-Postcard) for Tax-Exempt Organizations Not Required to File Form 990 or Form 990-EZ
- Form 990-PF, Return of Private Foundation or Section 4947(a)(1) Trust Treated as Private Foundation

According to IRC Section 6033(j), if you don't file a required annual information return or notice for 3 consecutive years, we'll revoke your tax-exempt status on the due date of the 3rd required return or notice.

You can get IRS forms or publications you need from our website at www.irs.gov/forms-pubs or by calling Ex. 6 - Personal Privacy (PP)

If you have questions, call Ex. 6 - Personal Privacy (PP) between 8 a.m. and 5 p.m., local time, Monday through Friday (Alaska and Hawaii follow Pacific time).

Thank you for your cooperation.

0752594860
Apr. 13, 2023 LTR 4168C 0
91-1826399 000000 00
00028322

OREGON COAST VISITORS ASSOCIATION
INC
PO BOX 940
TILLAMOOK OR 97141

Sincerely yours,

Sheralyn C. Hanks

Sheralyn C. Hanks
Ops. Manager, AM Ops. 3005

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Arica | Middle Name:
Last Name: Sears | Suffix:
Title: Deputy Director

Complete Address:

Street1: P.O. Box 940
Street2:
City: Tillamook | State: OR: Oregon
Zip / Postal Code: 97141 | Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address:

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Marcus | Middle Name:
Last Name: Hinz | Suffix:
Title: Executive Director

Complete Address:

Street1: P.O. Box 940
Street2:
City: Tillamook | State: OR: Oregon
Zip / Postal Code: 97141 | Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: director@thepeoplescoast.com

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Marcus | Middle Name:
Last Name: Hinz | Suffix:
Title: Executive Director

Complete Address:

Street1: P.O. Box 940
Street2:
City: Tillamook | State: OR: Oregon
Zip / Postal Code: 97141 | Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: director@thepeoplescoast.com

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: | First Name: Arica | Middle Name:

Last Name: Sears | Suffix:

Title: Deputy Director

Complete Address:

Street1: P.O. Box 940

Street2:

City: Tillamook | State: OR: Oregon

Zip / Postal Code: 97141 | Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**

E-mail Address: deputy@thepeoplescoast.com

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Oregon Coast Visitors Association

* b. Employer/Taxpayer Identification Number (EIN/TIN): 91-1826399

* c. UEI: K83MCVLDYRG7

d. Address:

* Street1: P.O. Box 940
Street2:
* City: Tillamook
County/Parish: Tillamook County
* State: OR: Oregon
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 97141-0001

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Arica
Middle Name:
* Last Name: Sears
Suffix:

Title: Deputy Director

Organizational Affiliation: Oregon Coast Visitors Association

* Telephone Number: Ex. 6 Personal Privacy (PP)
Fax Number:

* Email: deputy@thepeoplescoast.com

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

N: Nonprofit without 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Creating Equitable and Low-Impact Transportation To and Along the Oregon Coast

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: OR-001 * b. Program/Project: OR-001

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 * b. End Date: 10/01/2026

18. Estimated Funding ($):

* a. Federal	499,800.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	499,800.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name: Arica

Middle Name:

* Last Name: Sears

Suffix:

* Title: Deputy Director

* Telephone Number: Ex. 6 - Personal Privacy (PP) Fax Number:

* Email: deputy@thepeoplescoast.com

* Signature of Authorized Representative: Marcus Hinz * Date Signed: 04/14/2023

kPmVweKFBoreu5b773fg7vwFgME=

Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

OCVA Creating Equitable and Low-Impact Transportation to and Along Oregon Coast

1234-Other Attachments .pdf
application/pdf
bLOKyCJCQ7k+HhoSfwNao3WYolU=

1235-Proof of Nonprofit status 501c6.pdf
application/pdf
oHbh0w5eO/LLPQmDQxPMor6fMyM=

1236-_OCVA Work Plan.pdf
application/pdf
Eb5g3WJ+jsFh6ht134hF9EaUVuc=

1237-Resumes of the Project Manager (PM) and Other Key Personnel.pdf
application/pdf
2H0LnYrKBWRcxu41b3ZkN1NPB0Q=

1238-Itemized Budget.pdf
application/pdf
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1239-Environmental Results_ Logic Model.pdf
application/pdf
iHhddbgFf4XNX22LYNk4YWNU2Ww=

1240-Letters of Commitment draft.pdf
application/pdf
Pm3aLCg5lle3ljgRB55mC9AkjJw=

Oregon Coast Visitors Assocaition
P.O. Box 940
Tillamook
OR: Oregon
97141

K83MCVLDYRG7
Arica Sears
EX. 6 - Personal Privacy (PP)
deputy@thepeoplescoast.com
Deputy Director
N: No
No Pending Civil Rights Lawsuits or admin complaints.
No Civil Rights Lawsuits or admin complaints in the last year.
No civil rights compliance reviews.
N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Not applicable
Not applicable
Marcus Hinz
Deputy Director
2023-04-14

Arica
Sears

Deputy Director
P.O. Box 940
Tillamook
OR: Oregon
97141
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)

Marcus
Hinz

Executive Director
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97141
USA: UNITED STATES

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director@thepeoplescoast.com

Marcus
Hinz

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Sears

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USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
deputy@thepeoplescoast.com

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Application
New
2023-04-14
Oregon Coast Visitors Association
91-1826399
K83MCVLDYRG7
P.O. Box 940
Tillamook
Tillamook County
OR: Oregon
97141-0001
USA: UNITED STATES

Arica
Sears

Deputy Director
Oregon Coast Visitors Association
Ex. 6 Personal Privacy (PP)
deputy@thepeoplescoast.com
N: Nonprofit without 501C3 IRS Status (Other than Institution of Higher Education)

Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Creating Equitable and Low-Impact Transportation To and Along the Oregon Coast
OR-001
OR-001
2023-11-01
2026-10-01
499800.00
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499800.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Arica
Sears

Deputy Director
EX. 6 - Personal Privacy (PP)
deputy@thepeoplescoast.com
Marcus Hinz
2023-04-14

1241-_OCVA Work Plan.pdf
application/pdf
Eb5g3WJ+jsFh6ht134hF9EaUVuc=

kPmVweKFBoreu5b773fg7vwFgME=
2023-04-14T17:31:48.000-04:00
Marcus Hinz
GRANT13861766

knot studio

April 14th, 2023

To: U.S. Environmental Protection Agency

Re: Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program Grant

To Whom it May Concern,

Knot Studio is pleased to support the Oregon Coast Visitors Association's application to The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program. Knot Studio has previously collaborated with the Oregon Coast Visitors Association assessing local access to food systems and food system resiliency, and building interpretive storymaps to support stakeholder engagement and outreach.

Knot Studio's role on this grant would be to develop a community vulnerability demographic assessment to understand the spatial distribution of priority communities of color, develop a community engagement strategy and support engagement planning. Knot Studio would also provide route analysis services to understand how coastal destinations can be better connected to priority inland communities. Our experience building leading edge community vulnerability assessment methodologies and other analytical tools in support of environmental justice will help support the work covered within this grant application. Knot Studio principal Michael Yun, project manager and technical lead Andrew Tillinghast and senior designer Anzelina Coodey will be the staff assigned to this project.

We look forward to working with the Oregon Coast Visitors Association and other project partners on this exciting initiative.

Sincerely,



Michael Yun

Principal, Landscape Architect

350 SE Mill Street Suite 02 Portland OR 97214 Ex. 6 - Personal Privacy (PP) www.knotstudio.com

FORTH
Empowering Mobility

Kelly Yearick
Sr Program Mgr - Access to Cars
Forth
2035 NW Front Ave, Suite 101
Portland, OR 97209

April 12, 2023

U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA)
OFFICE OF ENVIRONMENTAL JUSTICE AND EXTERNAL CIVIL RIGHTS (OEJECR)
EPA-R-OEJECR-OCS-23-01

RE: Forth's support for the Oregon Coast Visitors Association application

Dear EPA:

Forth is pleased to partner with the Oregon Coast Visitors Association (OCVA) and other Key Partners on this exciting planning grant to create an equitable and inclusive movement to and along the Oregon Coast while reducing the incredible burden of vehicles generated by visitation and workforce movement.

We believe this project will help identify social solutions and coastal partnerships to increase access for people of color to visit the Oregon Coast and will also identify barriers to accessible and equitable transportation for workforce commuters on the Oregon Coast. Forth has confidence in the team's ability to deliver on this project's promise.

Forth's mission is to electrify transportation by bringing people together to create solutions that reduce pollution and barriers to access. Since its founding in 2011, Forth has a proven track record in accelerating transportation electrification, including the successful delivery of consumer engagement and outreach programs. Some of our recent initiatives include:

- GoForth Carshare: In early 2021 Forth was awarded funding by the American Public Power Association, the Bonneville Environmental Foundation and several rural and small city electrical utilities to set up the GoForth CarSharing platform to make shared EVs and charging infrastructure available for test drives and repeat rentals in small towns with limited EV availability, as a strategy to bring the benefits or transportation electrification and shared mobility to rural and low-income communities.

- Listening Sessions: In 2022, Forth was selected by Pacific Power to lead six virtual and in-person listening sessions communities across Oregon to collect information about barriers to EV adoption, identify perceived infrastructure gaps and learn about the communities goals of electrifying transportation. During the group discussions and mapping sessions, customers identified local barriers such as critical gaps in the existing network of charging stations which helped inform Pacific Power's Transportation Electrification

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FORTH
Empowering Mobility

Plan to be filed with the Oregon Public Utility Commission.

As a Key Collaborator with OCVA on this initiative, tasks that Forth will assist with include:

- Plan and deliver Listening Sessions in communities selected by the movement analysis results
- Develop a community engagement and outreach plan for identified strategic locations, including identifying key collaborators with relevant community based organizations and others who can/ are willing to manage plan at next stages
- Perform technical & financial analysis for strategic transportation infrastructure with an emphasis on micro-mobility , including electric vehicle, ebike and escooter procurement strategy analysis, including incentives and policy development and coordination with coastal government and utility providers
- Perform social analysis identifying and aligning visions, goals, and key barriers for Oregon coast tourism workforce
- Participate in three workshops with all key collaborators to align transportation issue identification, vision, goals and barriers while maintaining the specifics of location, determine key capacity and leadership development needed for the implementation of plan and develop implementation strategy

Together, we will work to decrease the traffic burden and air pollution of these highly trafficked coastal destinations while promoting clean transportation solutions that are equitable, accessible, and affordable for all. We look forward to working with OCVA and other project partners on this exciting initiative.

Sincerely,

Kelly Yearick
Sr Program Mgr - Access to Cars

Oregon
Tina Kotek, Governor

Department of Transportation
Region 2
455 Airport Rd SE
Salem, OR 97301
Phone: Ex. 6 - Personal Privacy (PP)
Fax: Ex. 6 - Personal Privacy (PP)

April 14th, 2023

To: U.S. Environmental Protection Agency
Re: The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program Grant

To Whom it May Concern,

The Oregon Department of Transportation is pleased to support the Oregon Coast Visitors Association's application to The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program.

The Oregon Coast Visitors Association is the Regional Destination Management Organization (RDMO) for the Oregon Coast and in 2022 became the first Destination Management Organization in the state of Oregon to publish a climate action plan. They received input from our Climate Office at the Oregon Department of Transportation (ODOT) to develop this plan. This plan followed years of experience working with partners on the North Oregon Coast, including, our Northwest Area Department of the Oregon Department of Transportation, to decrease the impact of transportation and travel to and along the coast. We have worked with OCVA and other local partners to collaboratively identify and promote car-free travel for visitors to high use areas in Clatsop and Tillamook Counties.

ODOT has been a consistent partner in these projects and has been a regular contributor to the planning and implementation of these projects. ODOT's technical expertise and access to transportation data has been and continues to be a crucial component of current and projected travel patterns. As a willing partner, ODOT supports the work OCVA has done and the work OCVA would be able to do with this grant funding; working with OCVA will allow ODOT to expand Oregon's zero-emission, equitable and accessible travel options to and along the coast.

This project directly aligns with ODOT's goal's to provide a safe and reliable multimodal transportation system that connects people and helps Oregon's communities and economy thrive.

We look forward to working with the Oregon Coast Visitors Association and other project partners on this exciting initiative. Thankyou for helping to create a more livable and climate friendly space for Oregonians and our visitors.

Sincerely,

Caroline Crisp

Caroline Crisp

Senior Transportation Planner Region 2, Area 1

Kathy Kleczek
Ex. 6 Personal Privacy (PP)
Seaside, OR 97138

April 14th, 2023

To: U.S. Environmental Protection Agency

Re: The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program Grant

To Whom it May Concern,

I, Kathy Kleczek, am excited to support the Oregon Coast Visitors Association's application to The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program.

The Oregon Coast Visitors Association is the Regional Destination Management Organization (RDMO) for the Oregon Coast and in 2022 became the first Destination Management Organization in the state of Oregon to publish a climate action plan. This plan followed years of experience working with partners on the North Oregon Coast, including the North Coast Tourism Management Network, to decrease the impact of transportation and travel to and along the coast. As a member of the NCTMN, and the lead of the Transportation Options Action Group I have collaborated with OCVA on Car-Free Travel messaging for the region. The Planning projects proposed are a logical extension of the work that has been started by the network action group.

As a participant and lead in the efforts to promote sustainable transportation systems on the Oregon Coast in the past, I am eager to continue the next phase of planning. My knowledge of the existing public transportation systems will help foster effective conversations during the Route Analysis phases of planning. I have worked with the local transportation system networks for over a decade in various capacities. This planning collaboration could benefit the region, and State of Oregon as a whole to move tourism in a sustainable direction.

In the over 20 years of operating and managing my business in Cannon Beach, the connections to the community and experiences as a business owner will serve to foster connections to existing community bases organizations and companies. During the outreach and listening session phases this will assist in establishing a wide range of community engagement in the region.

Currently in my work as a transportation options specialist has allowed me to become educated on the vast approaches to sustainable transportation across the globe. I enthusiastically participate in seminars from leaders in mobility hub development in Germany and Holland. Analyzing the systems and means that are used to implement the infrastructure and mind shift to create the changes in behavior needed to be effective. The successes that many European and Asian cities have seen in moving people to public transportation, vehicle sharing, or E-bikes does not have to be a far distant reality for the Oregon Coast. Planning is the first step in implementing the changes needed to be successful, I would like to be part of the process to make sure we are reaching the audiences frequently underserved, especially those working to support the tourism industry often members of Latinx communities.

It is my goal to leverage my experience and knowledge to work with OCVA to expand Oregon's zero-emission, equitable and accessible travel options to and along the coast.

I look forward to working with the Oregon Coast Visitors Association and other project partners on this exciting initiative.

Sincerely,

Kathy Kleczek

Tillamook Coast Visitors Association

Visit Tillamook Coast

April 5, 2023

To: U.S. Environmental Protection Agency
Re: The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program Grant

Hello,

My name is Nan Devlin, Executive Director of Tillamook Coast Visitors Association (TCVA), a destination management organization committed to sustainable tourism practices throughout Tillamook County on the Oregon Coast. We are a regional partner with Oregon Coast Visitors Association (OCVA), which represents the tourism industry on the entire Oregon Coast. I am writing in support of OCVA's application for the EPA grant, The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program.

One of our stewardship goals for Tillamook County is to prepare our community with needed infrastructure to support an increase in electric vehicle use. Currently, the city of Tillamook, located in the center of the county, is the only location with EV charging stations for use by visitors, both located in parking lots of tourism attractions. It is our plan to seek funding to install EV stations in north and south county, which is 70 miles long and more than 50 miles wide. Feasibility studies from this grant would greatly support our efforts.

Another goal is to provide incentives to encourage visitors to ride the bus to Tillamook County from Portland, Salem and Corvallis, all in the Willamette Valley, 70 miles or more away. Our local bus system, The Wave, is operated by the Tillamook County Transportation District and has well-timed schedules east and west, as well as north and south along the coast on Highway 101. We are currently conducting a pilot program in a north county town that will provide dining gift cards for those who show a bus ticket when checking into their hotel. This will help reduce carbon emissions, and encourage alternative forms of transportation, including bike and scooter rentals. We see the value in public transit options for visitors and appreciate the focus of this in the proposal OCVA is submitting. We can support the efforts in this grant by connecting partners with our local transit partners.

Two years ago, in partnership with Tillamook County Transportation District, we helped fund a free trolley shuttle on summer weekends in Pacific City, which has experienced heavy traffic congestion, decreasing both local livability and visitor experience. The shuttle has 3X higher ridership than expected. We see the great need for increased micromobility options in other cities along the Oregon Coast. Micromobility deliverables in this grant will help us secure more funding for the needed infrastructure.

We get our stewardship message to visitors and locals through social media, press releases, newsletters, radio programs and sponsored content in our regional target markets. We can support the deliverable in this grant by continuing this outreach and visitor engagement as more climate-aware methods of transportation and visitor experiences are implemented on the coast.

Tillamook Coast Visitors Association
Visit Tillamook Coast

Sincerely,



Nan Devlin
Executive Director, Tillamook Coast Visitors Association
PO Box 1268, Tillamook OR 97141
Ex. 6 - Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)

Lincoln City Chamber of Commerce
4039 NW Logan Road
Lincoln City, OR 97367
Phone: Ex. 6 Personal Privacy (PP)
E-mail: Ex. 6 - Personal Privacy (PP)
https://lcchamber.com

To: U.S. Environmental Protection Agency

Re: The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program Grant

From: Lori Arce-Torres, Lincoln City Chamber Executive Director

I am writing this letter in full support of the Oregon Coast Visitors Association's application for the EPA three-year planning grant. The Chamber has partnered with OCVA many times in the past, and this grant opportunity would be one more way we could support the important work that they are doing.

The Lincoln City Chamber recognizes the challenges we face around transportation, and the increased need for equitable, low impact transportation on the Oregon Coast. We want to ensure our region is accessible and affordable for fellow Oregonians and visitors and the success of our business community is our number one goal at the chamber. Having viable transportation for residents, employees and visitors will be one way to make sure this happens.

We support the development of a feasible study for the extensive implementation of electric transportation infrastructure for both tourism workforce and visitors to the Oregon Coast. We also support the development of a zero emissions transportation program for coastal visitors and commuting workforces.

The Lincoln City Chamber has over 300 chamber members giving us the unique ability to reach a large audience. We could connect local businesses and their workforce to grant partners via our website, social media, monthly meetings and newsletters. We could play a strong role in communicating with businesses about the various transportation options for their workforce, as well as convey effective and creative transportation options which will help the mission by providing feedback on the reality of the program.

The Lincoln City Chamber has been focused on increasing accessibility for those traveling with disabilities. We realize our destination can be challenging for some visitors who have difficulty walking, and micromobiltiy upgrades such as scooters or bikes could support the movement of visitors as well as community members moving around town.

I urge you to strongly consider funding the grant request for the Oregon Coast Visitors Association.

Respectfully Submitted,

Lori Arce-Torres, Lincoln City Chamber Executive Director

OREGON COAST
Florence
Area Chamber of Commerce

April 11, 2023

To: U.S. Environmental Protection Agency
Re: The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program Grant

To Whom it May Concern,

My name is Bettina Hannigan, President and CEO of the Florence Chamber of Commerce. Our Chamber is made up of over 350 local business owners and community leaders committed to improving the economy of Florence, Oregon. We are an active chamber partner with Oregon Coast Visitors Association (OCVA), which represents the tourism industry on the entire Oregon Coast. I am writing in support of OCVA's application for the EPA grant, The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program.

Florence, Oregon is located in Lane County, which has previously completed a Climate Action plan consisting of an internal plan and a community plan to reduce carbon emissions in the County. Throughout the county's process of developing this plan, equity was centered in an attempt to reach a broad cross section of our community and is a continued priority for our county. The plan outlines the top 10 actions that our county must take to reduce our greenhouse gas emissions with one of the top actions is Electric Vehicle adoption. Currently, Lane County has over 335,000 passenger vehicle registrations; over 99% are internal combustion engines. Most of these vehicles use gasoline fuel. In 2019, nearly 2,500 electric vehicles were registered – less than 1%. To reach the reduction potential, we would need to increase community use of electric vehicles to 100% by 2040. However, the equity score on this action could have adverse impacts on social equity.

We believe that the deliverables in OCVA's grant including listening sessions with underrepresented groups in the Portland Metro, Salem, and Eugene areas and on the coast regarding barriers for visitation to our destination would help us improve the EV adoption for workforce and visitors in a more equitable way. We also appreciate the focus on workforce movement, understanding that not all of the coast's workforce is able to live where they work and less barriers to transportation could make working on the coast easier for individuals and families.

The Florence Chamber will be able to support the deliverables in the grant by sharing surveys, community listening sessions and other pertinent information with our large membership base and local government. Additionally, we can ensure that developed transportation programs and incentives can be shared with our workforce and visitors.

Sincerely,

Bettina Hannigan

Bettina Hannigan
President and CEO

290 Hwy 101 Florence, OR 97439
Ex. 6 - Personal Privacy (PP)
www.FlorenceChamber.com

Request for Copy

Secretary of State - Corporation Division - 255 Capitol St. NE, Suite 151 - Salem, OR 97310-1327 - sos.oregon.gov/business - Phone: Ex. 6 - Personal Privacy (PP)

Copy Request Fax: Ex. 6 - Personal Privacy (PP)

Print Form

Reset Form

REQUESTER INFORMATION:

Name of Requester:

Marcus Hinz

Mailing Address: (Street Address or PO Box) (City, State) (Zip Code)

PO Box 940 Tillamook, Oregon 97141

Area Code and Phone Number:

Ex. 6 - Personal Privacy (PP)

ENTITY NAME/REGISTRY NUMBER: Information is located at http://sos.oregon.gov/bizsearch

Entity Name: OREGON COAST VISITORS ASSOCIATION, Registry Number: 586160-88

DOCUMENT FILE REQUEST:

Choose appropriate document type and if you are ordering certified or plain copies.

Document File (The original filing and any supplemental filings.)

☐ Certified Copy ($15 each) or ☒ Plain Copy ($5 each)

Assumed Business Name File (The original application and any additional filings.)

☐ Certified Copy ($15 each) or ☐ Plain Copy ($5 each)

Specific documents are any document including annual reports (January 2003 forward) and registered agent changes.

SPECIFIC DOCUMENT REQUEST:

☒ **Specific Document** Articles of Incorporation from 08-01-1997

Certified Copy ($15 each) or ☒ Plain Copy ($5 each)

If document is going out of the Country: (Additional $10 for Authentication) What Country?

DELIVERY: Choose Delivery Option(s) (Please note that there is a separate charge per delivery.)

☐ Pick up in person. ☒ Mail to above address.

☐ Fax: (**USA Only** - Area Code & Fax Number) *Certified copies cannot be faxed.*

For all overnight/express service delivery, a prepaid airbill must be provided.

METHOD OF PAYMENT:

◯ Check/Money order is included. (Make payable to Corporation Division.)

◯ MasterCard ◉ VISA ◯ Discover

CREDIT CARD NUMBER: **Ex. 6 Personal Privacy (PP)**

◯ American Express

CREDIT CARD NUMBER:

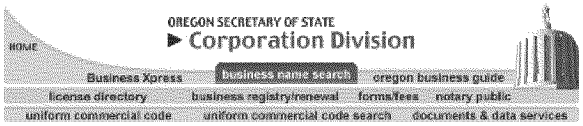
Expiration Date: Ex. 6 Personal Privacy (PP)

Cardholder Name: Marcus Hinz

Billing Address: PO Box 940

City, State, Zip Code: Tillamook, Oregon 97141

Phone Number: Ex. 6 - Personal Privacy (PP)



Business Name Search

New Search | Printer Friendly

Business Entity Data

04-14-2023 12:10

Registry Nbr	Entity Type	Entity Status	Jurisdiction	Registry Date	Next Renewal Date	Renewal Due?
586160-88	DNP	ACT	OREGON	08-01-1997	08-01-2023	
Entity Name	OREGON COAST VISITORS ASSOCIATION, INC.					
Foreign Name						
Non Profit Type	MUTUAL BENEFIT WITH MEMBERS					

New Search | Printer Friendly

Associated Names

Type	PPB	PRINCIPAL PLACE OF BUSINESS					
Addr 1	Ex. 6 Personal Privacy (PP)						
Addr 2							
CSZ	OCEANSIDE	OR	97134		Country	UNITED STATES OF AMERICA	

Please click here for general information about registered agents and service of process.

Type	AGT	REGISTERED AGENT			Start Date	04-12-2013	Resign Date
Name	MARCUS			HINZ			
Addr 1	Ex. 6 Personal Privacy (PP)						
Addr 2							
CSZ	OCEANSIDE	OR	97134		Country	UNITED STATES OF AMERICA	

Type	MAL	MAILING ADDRESS					
Addr 1	PO BOX 940						
Addr 2							
CSZ	TILLAMOOK	OR	97141		Country	UNITED STATES OF AMERICA	

Type	PRE	PRESIDENT					Resign Date
Name	SCOTT			HUMPERT			
Addr 1	801 SW HWY 101 STE 401						
Addr 2							
CSZ	LINCOLN CITY	OR	97367		Country	UNITED STATES OF AMERICA	

Type	SEC	SECRETARY					Resign Date
Name	JEREMY			STROBER			
Addr 1	PO BOX 293						
Addr 2							
CSZ	PACIFIC CITY	OR	97135		Country	UNITED STATES OF AMERICA	

New Search | Printer Friendly

Name History

Business Entity Name	Name Type	Name Status	Start Date	End Date
OREGON COAST VISITORS ASSOCIATION, INC.	EN	CUR	08-01-1997	

Please read before ordering Copies.

New Search | Printer Friendly

Summary History

Image Available	Action	Transaction Date	Effective Date	Status	Name/Agent Change	Dissolved By
	AMENDED ANNUAL REPORT	07-21-2022		FI		
	AMENDED ANNUAL REPORT	07-06-2021		FI		
	AMENDED ANNUAL REPORT	06-29-2020		FI		
	AMENDED ANNUAL REPORT	06-27-2019		FI		
	AMENDED ANNUAL REPORT	07-02-2018		FI		
	AMENDED ANNUAL REPORT	08-15-2017		FI		
	AMNDMT TO ANNUAL RPT/INFO STATEMENT	02-28-2017		FI		
	AMENDED ANNUAL REPORT	08-16-2016		FI		
	AMENDED ANNUAL REPORT	08-18-2015		FI		
	AMENDED ANNUAL REPORT	08-07-2014		FI		
	AMENDED ANNUAL REPORT	07-12-2013		FI		
	AMNDMT TO ANNUAL RPT/INFO STATEMENT	04-12-2013		FI	Agent	
	AMENDED ANNUAL REPORT	07-19-2012		FI		
	AMENDED ANNUAL REPORT	06-30-2011		FI		
	AMENDED ANNUAL REPORT	06-24-2010		FI	Agent	
	AMENDED ANNUAL REPORT	06-23-2009		FI		
	AMENDED ANNUAL REPORT	07-14-2008		FI		
	AMENDED ANNUAL REPORT	08-07-2007		FI	Agent	
	ANNUAL REPORT PAYMENT	06-29-2006		SYS		
	ANNUAL REPORT	06-28-2005		FI		
	ANNUAL REPORT PAYMENT	07-22-2004		SYS		
	ANNUAL REPORT PAYMENT	06-25-2003		SYS		
	ANNUAL REPORT PAYMENT	07-08-2002		SYS		
	ANNUAL REPORT PAYMENT	07-20-2001		SYS		
	AMENDED RENEWAL	09-19-2000		FI		
	AMENDED RENEWAL	09-20-1999		FI		
	STRAIGHT RENEWAL	07-10-1998		FI		
	CHANGED RENEWAL	07-10-1998		FI		
	NEW	08-01-1997		FI		
	NEW FILING	08-01-1997		FI		

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201250 163441 97365 IRS USE ONLY 911826399 TE 3

Department of the Treasury
Internal Revenue Service
Ogden UT 84201

For assistance, call:
1-877-829-5500

Notice Number: CP211A
Date: December 24, 2012

Taxpayer Identification Number:
91-1826399
Tax Form: 990
Tax Period: June 30, 2012

038767.138522.0147.003 1 AT 0.374 373

OREGON COAST VISITORS ASSOCIATION
INC
PO BOX 74
NEWPORT OR 97365-0017

038767

APPLICATION FOR EXTENSION OF TIME TO FILE AN EXEMPT ORGANIZATION RETURN - APPROVED

We received and approved your Form 8868, Application for Extension of Time to File an Exempt Organization Return, for the return (form) and tax period identified above. Your extended due date to file your return is **February 15, 2013.**

When it's time to file your Form 990, 990-EZ, 990-PF or 1120-POL, you should consider filing electronically. Electronic filing is the fastest, easiest and most accurate way to file your return. For more information, visit the Charities and Nonprofit web at www.irs.gov/eo. This site will provide information about:

- The type of returns that can be filed electronically,
- approved e-File providers, and
- if you are required to file electronically.

If you have any questions, please call us at the number shown above, or you may write us at the address shown at the top of this letter.

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16. We have complied with all restrictions on resources (including donor restrictions) and all aspects of contractual and grant agreements that would have a material effect on the financial statements in the event of noncompliance. This includes complying with donor requirements to maintain a specific asset composition necessary to satisfy their restrictions.

17. We believe significant assumptions used by us in making accounting estimates, including those measured at fair value, are reasonable in the circumstances.

18. We are in agreement with the adjusting journal entities, if any, you have recommended, and they have been posted to the entity's accounts.

19. No events have occurred subsequent to the date of the financial statements and through the date of this letter that would require adjustment to or disclosure in the aforementioned financial statements.

20. We have responded fully and truthfully to all inquiries made to us by you during your review.

21. In regard to the adjusting journal entries, capital assets, 990 schedule, financial statements, and related notes services performed by you, we have -

- Assumed all management responsibilities.
- Overseen the services by designating an individual who possesses suitable skill, knowledge, and/or experience.
- Evaluated the adequacy and results of the services performed.
- Accepted responsibility for the results of the services.

Signed: _____

Title: Treasurer
Board Director

You are also responsible for all management decisions and responsibilities and for designating an individual with suitable skills, knowledge, and experience to oversee my preparation of your financial statements. You are responsible for evaluating the adequacy and results of the services performed and accepting responsibility for such services.

In preparing the financial statements and notes based on the information in the trial balance, I may propose adjusting entries or other changes affecting the financial statements. These are considered nonattest services. I also will prepare the federal Form 990 for the fiscal year ending June 30, 2017, and capital asset schedule, also nonattest services.

My Report

I will issue a written report upon completion of my review of the Association's financial statements. My report will be addressed to the board of directors of the Association. I cannot provide assurance that an unmodified accountant's review report will be issued. Circumstances may arise in which it is necessary for me to report known departures from accounting principles generally accepted in the United States of America, add an emphasis-of-matter or other-matter paragraph, or withdraw from the engagement. If, for any reason, I am unable to complete the review of your financial statements, I will not issue a report on such statements as a result of this engagement.

Other Relevant Information

Signe Grimstad is the engagement partner and is responsible for supervising the engagement and signing the report or authorizing another individual to sign it.

My contract fee is based on anticipated cooperation from your personnel and the assumption that unexpected circumstances will not be encountered during the work performed. If significant additional time is necessary, I will discuss it with you and arrive at a new fee before I incur the additional costs. My office will bill work in progress with delivery of the draft report. In accordance with my firm policies, work may be suspended if your account becomes sixty days or more overdue and will not be resumed until your account is paid in full. If I elect to terminate my services for nonpayment, my engagement will be deemed to have been completed upon written notification of termination, even if I have not completed my report. You will be obligated to compensate me for all time expended and to reimburse me through the date of termination.

I appreciate the opportunity to be of service to you and believe this letter accurately summarizes the significant terms of my engagement. If you have any questions, please let me know. If you acknowledge and agree with the terms of my engagement as described in this letter, please sign the enclosed copy and return it to me.

Sincerely,

GRIMSTAD & ASSOCIATES

Signe Grimstad
Certified Public Accountant

ACKNOWLEDGED:
This letter correctly sets forth the understanding of Oregon Coast Visitors Association, Inc.

TREASURER
Boardmember

5/15/18
Date

Ex. 6 Personal Privacy (PP)

PHONE: Ex. 6 - Personal Privacy (PP) EMAIL: Ex. 6 - Personal Privacy (PP) PACIFIC CITY, OR

PROFESSIONAL EXPERIENCE

Deputy Director | 2018 - Present

Oregon Coast Visitors Association - OREGON COAST

- Oversees development and implementation of strategic plan and budget.
- Manages multiple contractors and department leads.
- Positions association as leading destination management organization in Oregon.
- Leads development of climate action planning through the international Glasgow Declaration community.
- Designs and oversees annual grant program of approximately $100K to coastal businesses and organizations.
- Represents association in public speaking engagements along the Oregon Coast.
- Fosters strategic partnership development and management with tourism stakeholders, local government, land management agencies and nonprofits.
- Aligns partners and funding streams for industry alignment .
- Strategizes communications campaigns for visitors and tourism industry needs.
- Inspires collaboration and motivates innovatiove practices both internal and external to the association.

Podcast Host of Big Tourism | 2020 - Present

American Shoreline Podcast Network - VIRTUAL

- Conducts interviews focused on destination (tourism) management.
- Networks with coastal tourism professionals and communities worldwide to foster idea-sharing and industry cross-collaboration.

English Tutor | Fall 2017 - Spring 2018

Independent English Tutor - PARIS, FRANCE

- Coordinated with students, parents and teachers to deliver English language programming.
- Connected with and supported a group of hotel maids protesting difficult working conditions at an international hotel chain.

Program Coordinator | 2016 - 2018

Rockaway Beach Citizens for Watershed Protection - OREGON / VIRTUAL

- Fostered positive relationships between community leaders, industry stakeholders, and fellow citizens to work on environmental issues.
- Moderated difficult conversations around land use and community rights.
- Challenged the status quo while offering practical solutions and ideas.
- Excelled in public speaking at community events, government hearings and educational presentations.

North American Language + Culture Assistant | 2015 - 2017

Auxiliar de Conversación, Gobierno de España - MALLORCA, SPAIN

- Used effective communication, writing and spelling skills to teach ESL students.
- Collaborated highly with fellow teachers to deliver creative programming.
- Required communication in English and Spanish.

PADI Dive Professional | 2016 - 2017

Scuba Mallorca - MALLORCA, SPAIN

- Worked on-site at over 15 resorts on the island to connect directly with tourists.
- Instructed and supported diverse international tourist groups.
- Highlighted delicate ecosystem needs with clients to foster an appreciation for diving and coastal ecosystems.

Server | Spring 2011 - Summer 2017

Pelican Brewing Co. - PACIFIC CITY, OR

- Shared community information with visitors looking to the Oregon Coast.
- Effectively communicated with teammates while multitasking in a high-paced enviornment

Ex. 6 Personal Privacy (PP)

PHONE: Ex. 6 - Personal Privacy (PP) EMAIL: Ex. 6 - Personal Privacy (PP) PACIFIC CITY, OR

PUBLIC SERVICE EXPERIENCE

VOLUNTEER DIVER | 2023 - Present

Oregon Reef Check - OREGON COAST

- Attends online and inperson trainings.
- Participates in dives on the Oregon Coast to conduct scientific surveys of fish, invertebrates and kelp species.

BOARD MEMBER | 2019 - Present

Kiawanda Community Center - PACIFIC CITY, OR

- Facilitates monthly board meetings as acting President of the Board.
- Ensures long term financial sustainability and community reputation of the nonprofit.

BOARD MEMBER | 2020 - Present

Pacific City Doryman's Association - PACIFIC CITY, OR

- Oversees public engagement events like the annual Trick or Treat the Dory Fleet and Dory Days.
- Oversees budget and finances as the Board Treasurer.
- Attends all board meetings to support the mission of protecting the usual and customary access to, and use of, the public beach at Cape Kiwanda for all the traditional activities associated with dory vessels.

VOLUNTEER BUDGET COMMITTEE MEMBER | 2020 - Present

Nestucca School District - Cloverdale, OR

- Oversees and approves yearly school budget.
- Reviews budget and asks for staff and board input.
- Communicates school budget strategy to the community.

EDUCATION

University of Oregon | 2011 - 2015

Bachelor of Arts in International Studies - OREGON

- Concentration in community decision-making with local natural resources in Latin America and Oregon.

Environmental Leadership Program | 2014 - 2015

Environmental Studies Department - University of Oregon

- Co-created a short documentary elevating the voices of rural people on the Oregon Coast.
- Organized and hosted multiple film screenings and community forums around Oregon.
- Presented at Environmental Law Conference in Eugene, OR.
- Studied different forestry practices on the Oregon Coast.
- Promoted statewide legislative reform on house bills and safe industry practices.

IE3 Global Internships | 2014

Equilibrio Azul (NGO) - ECUADOR

- Collaborated with local fishermen, community members and an international team to collect and record data on bycatch and overfishing.
- Facilitated and trained new volunteers.
- Focused on sustainability issues through a community-based perspective.

SIT Study Abroad | 2013

Indigenous Peoples and Globalization - PERU

- Analyzed community decision-making on the proposed oil drilling by Hunt Oil.
- Conducted site visits, interviews, and a final research paper.
- Completed research, final paper, and final presentation in Spanish.

PROFESSIONAL EXPERIENCE

Oregon Coast Visitors Association | OREGON COAST **February 2013 - Present**
Executive Director

- Manage relationships in coastal network of Chambers of Commerce, Visitor and Convention Bureaus, Port Districts 24 incorporated cities and 7 county governments, NGO's and hundreds of businesses along all 363 miles of Oregon Coast.
- Align public relations and marketing campaigns with federal, state, county, cities and special districts (e.g. ports) to ensure coastal region is properly positioned in cooperative promotional opportunities.
- Work with agency partners who develop brand creative materials for use in all advertising media, including but not limited to print, broadcast and internet.
- Convene multijurisdictional dialogs to align capital and infrastructure investments by coordinating funding streams and collaboratively funding projects.
- Develop and oversee the annual operating budget, encompassing all activities and operations of the association, monthly financial reports and annual audit reports in accordance with written financial procedures approved by the Board

Oregon Country Fair | EUGENE, OR **February 2009 - September 2010**
Executive Director

- Oversaw legal, financial, and operational activities for annual event attracting 45,000 attendees, 700 craft & food vendors, and hundreds of performers on 18 stages and across 365 acres of fairgrounds.
- Supervised staff of seven, including a Site Manager and Operations Manager coordinating the work of 4,000 volunteers comprising 62 working crews which provided services such as sewer, water, fire, medical, construction, archaeological, emergency response, security and transportation.
- Oversaw coordination of public safety and emergency preparedness within a multi-agency setting of police, fire, medical, forestry, and public transit officials.
- Directed the marketing and public relations strategy for print, web, and broadcast news media outlets both locally and nationally.

Oregon Energy Coordinators Association | TELECOMMUTE, OR **February 2007 - September 2008**
Executive Director

- Secured $619,000 training and technical assistance contract from Oregon Housing and Community Services to deliver low-income weatherization and energy conservation programs in Community Action Agencies across the state.
- Facilitated communication and coordination of work between 30 member agencies serving low-income, multi-racial households and communities.
- Oversaw state certification training program for professional staff of 18 member agencies in Energy Education, Energy Auditing, and Weatherization.
- Restructured operations of state-wide nonprofit association, including Articles of Incorporation, By-Laws, and implementation of certification programs.

Tillamook Bay Community College | TILLAMOOK, OR **October 2003 - July 2005**
Director of Continuing and Community Education

- Founded the Watershed Activities To Estuary Recreation Program, an economic development initiative in rural-coastal Tillamook County, receiving the Gene Leo Award at the 2005 Oregon Governor's Conference on Tourism.
- Supervised 30-50 instructional and administrative staff developing and delivering educational, recreation and professional workforce trainings.
- Developed budgets, revenue/expense projections and fiscal reporting systems.
- Networked and developed partnerships with stakeholders in assessing social, economic and educational needs of agencies, businesses, and communities.
- Planned, organized and directed marketing and public relations efforts.

Food For Thought Cafe | PORTLAND, OR **May 2000 - October 2003**

Founding Board Member

- Developed inter-agency relationships with business, government, and non-profits to secure contractual agreements, resources and creative partnerships.
- Supervised 15-30 program staff and volunteers throughout strategic planning, program implementation, review and evaluation cycles.
- Organized and directed community participation and outreach campaigns.
- Raised start-up funds, monitored and controlled budget and fiscal resources to transform investment into a financially self-supporting educational program.

City of Portland Parks and Recreation | PORTLAND, OR **April 1998 - May 1999**

Public Events Coordinator

- Coordinated multi-agency services of city, county, regional, and state agencies such as OLCC, Multnomah County Health Department, Portland Fire Bureau, Portland Police Bureau, Portland Neighborhood Associations, Tri-Met, Multnomah County River Patrol, and Portland Water Bureau to support the public and private event activities of a full-spectrum of Portland's diverse businesses, organizations and residents.
- Organized, prioritized and evaluated workload in permitting and regulating public event activities across 200 parks with community participation and input from neighborhood associations, community groups, businesses, and numerous government agencies.
- Educated customers and agency officials on public process, rules and regulations.

PUBLIC SERVICE

Garibaldi Tourism Commission | 2004 - Present
Advised the formation of, policies programs, budgets, branding, public relations and marketing for this relatively.

Community Food Empowerment Project | 2010 - Present
Advise start-up and existing student food co-operatives throughout the region on strategic planning, market research, and campus organizing best practices.

West Coast Governor's Alliance: OR, WA, CA | 2009 - 2013
Jointly publish and implement the 2011 Work Plan of the Sustainable Coastal Communities Action Coordinating Team by conducting direct stakeholder outreach, analyzing existing research, and dialog with relevant officials

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EDUCATION

Portland State University | Portland, OR
Conflict Resolution Training, 65 Graduate Credits
Master's in Public Administration, Administrative Law Focus
Certificate of Non-Profit Development
Certificate of Completion, Basic Mediation Skills

University of Wisconsin | Green Bay, WI
Bachelor of Political Science /Social Change and Development

AWARDS

Gene Leo Memorial Award | 2005 Oregon Governor's Conference on Tourism
PSU President's Award | Outstanding Community Service
PSU PUblic Administration Award - Outstanding Community Service

Ex. 6 Personal Privacy (PP)
Astoria OR, 97103

Ex. 6 Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP) – Ex. 6 - Personal Privacy (PP)

EDUCATION

St. Olaf College: Northfield, Minnesota — Graduation: **May 2022**
Bachelor of Arts — Cumulative GPA:
Majors: *(Distinction) Political Science & (Distinction) Philosophy* — GPA in Majors: **PS** **& Phil**
Honors & Awards: *Dean's List each Academic Semester, Student Senator Rookie of the Year (2018-19), Runner-up St Olaf Emerging Leader Award (2020), 2nd Place Ringstad Philosophy Essay Contest (2020), Delegate to WA State Democratic Party Convention (2020 & 2022), Interviewed on PBS The Almanac about 2020 Presidential Primary Campaign Work, Published in the Pi Sigma Alpha Undergraduate Journal of Politics.*

Technical Skills: Votebuilder, SPSS (statistics software), Google Workspace, Microsoft Office, Zotero, Zoom, Photoshop/Image Editing, Adobe Premiere Pro, Completion of Grant Writing Course taught by Meredith Howell (OR), Yoga Instructor Certification, Mental Health First-Aid Certification, Canva, Mailchimp

WORK EXPERIENCE

Coastal Tourism Resiliency Coordinator, *The Oregon Coast Visitors Association* — Sept 2022- Present

- Managed four projects designed to both reduce the GHG emissions of tourism and mitigate the effects of the impact of travel.
- Created a coastwide map of available EV chargers. Created analysis of coastwide EV charger gaps. Have worked with local businesses and Electrify America to fill EV charger gaps. Have coordinated the placement of $2million worth of EV charging equipment in identified gaps. This coastwide EV map is also now public facing
- Presented information to over 150 Businesses & Stakeholder along the coast about strategies to reduce GHG emissions and increase consumer visibility. Have built & shared EV toolkits, rebates, and funding opportunities
- Appeared on KMTR to share information about charging rebates and in the *Seaside Signal* and the *Big Tourism Podcast* to share about GHG emission reduction & mitigation strategies
- Compiled traffic data and travel habit information to build out business proposal for alternative transportation options to the north Oregon coast
- Created funding stream to let travelers donate money directly back to coastal restoration and conservation work. This involved creating connections with environmental nonprofits, putting together rigorous standards and criteria for org evaluation, building out website infrastructure and working with businesses to implement POS donation system
- Fundamentally, this role has been about coordinating partnerships and aligning interests to share strategies and resources and implement practices that make the coast a sustainable and resilient destination

Political Organizer, *Adrianne Moore for State Senate (Chelan County, WA)* — April 2020 - September 2020

- Created and facilitated working groups with 'key endorsement' community members centered around incorporating respected community expertise into the campaign platform
- Coordinated a 'Youth Organizers' program within the campaign to channel activist energy among young people into building a broader coalition of support for the campaign
- Trained and supervised campaign volunteers for phone-calling and canvassing
- Focused on establishing strong visible representation of support for the campaign by writing letters-to-the-editor (and encouraging volunteers and community members to do the same) and distributing of signs in the district
- Skills & Programs Used: *Votebuilder, Google Sheets/Excel, Consistent Phone & Email Communication, Zoom*

Physical Health Peer Educator, *St Olaf Wellness Center (Northfield, MN)* — Fall 2019-2022

- Presented public health topics to students on campus once a month (roughly hour-long presentations on a particular public health topic given to 25-45 students); presented both on zoom and in-person
- Acted as an on-campus resource for students wishing to talk about issues including mental health, physical health, sexual health and safety regarding alcohol and other drugs and connected students to relevant campus resources
- Conducted student outreach efforts to inform the general student body about health-related resources on campus

- Interviewed applicants for future positions in the Wellness Center

LEADERSHIP & COMMUNITY EXPERIENCE

RARE AmeriCorps Member, *Year 29 (Sept 2022-July 31)*

- Attended 3 project management multi-day trainings that focus on project management, DEIA implementation, purpose-driven approaches, building trust in rural communities,
- Have spent 20% of total work hours on professional development. Including a grant-writing certification course, RARE trainings, conferences (will be attending the FORTH Roadmap conference this spring), and networking events.
- Connected to 500+ RARE alumni in OR.

Democratic Primary Campaign Intern in New Hampshire, *Campaign Volunteer for Pete Buttigieg (Jan. 2020)*

- Worked to increase voter outreach for the Buttigieg campaign prior to the 2020 primary
- Provided training to new volunteers and assisted in collecting and compiling voter data through canvassing and phone calling as well as assisted in administrative roles such as drafting newsletter templates

COLLEGIATE EXTRACURRICULARS

St. Olaf Rowing Club: *Commodore (2021-2022; member since 2019)*

- Responsible for coordinating members' schedules for rowing events
- Coordinated recruitment activities for the club and engaging current members in team events

College Democrats/DFL & Chelan County Democrats: *Canvasser, Precinct Committee Officer (2018-2022)*

- Canvassed during the 2018 election season to 'Get Out The Vote' and relayed candidate information to voters
- Met with segments of the Northfield/Dundas community and with diverse groups of people on the St. Olaf campus
- Attended Democratic party meetings and served as Delegate for the WA State Democratic Convention

St Olaf *Rebuttal* Publication: *Staff Writer (2020-2022)*

- Selected as one of two Staff Writers for the yearly St. Olaf publication: *Rebuttal*
- Wrote on topical issues—relating to policy and ideology—and argued *for* and/or *against* any particular standpoint

Pi Sigma Tau - Philosophy Honor Society: *Treasurer (2021-2022; member since 2019)*

- Coordinated budget for PST and organized and planned member induction, philosophy colloquium and faculty presentations

Pi Sigma Alpha – Political Science Honor Society: *Treasurer (2021-2022; member since 2020)*

- Coordinated budget for PSA and organized and planned member induction and facilitated invitation for spring Political Science speaker

St. Olaf College Athletic Center Recreation Classes*: Yoga Instructor (2021-2022)*

- Certified as a yoga instructor through a NETA certification course and led free yoga classes four nights a week for student of all abilities and experience levels
- Worked closely with both the Athletic Center and the Wellness Center to increase awareness of free physical wellbeing programming on campus

Recent Reading List (books that may be relevant to this position): *Reimagining Capitalism in a World on Fire, Local is the Future, Home Economics, The Death and Life of Great American Cities, The Unsettling of America, Creating Wealth: Growing Local Economies with Local Currencies, The Wizard and the Prophet, The Economists' Hour, Zen and the Art of Motorcycle Maintenance, Into The Wild, After Nature, The Mushroom at the End of the World, The Organic Machine, Encounters with the Archdruid, The Essential Urban Farmer, Introduction to Urban Science, The Dawn of Everything, A Climate Scientists Case for Hope, Impact Networks, Stolen Focus, The First Oregonians, Local Dollars Local Sense,*



Ex. 6 Personal Privacy (PP)

PO Box 940, Tillamook, Oregon 97141 // Ex. 6 - Personal Privacy (PP)
communications@thepeoplescoast.com

Ex. 6 Personal Privacy (PP)

A creative communicator who researches, writes, and tells stories to connect, resonate, and motivate diverse audiences. A community convener who brings people and organizations together for sustainable transformation. A keen observer who cultivates curiosity and thinks strategically to problem-solve and create meaningful change for the good of all humans and the environment.

Skills

- Writing & editing
- Internal communications
- Public & media relations
- Network leadership
- Community engagement
- Stakeholder relations
- Public speaking
- Workshop presentation
- Group facilitation
- Branding
- Content creation
- CMS & web administration
- Newsletters
- Social media strategy
- Graphic design
- Photography
- Illustration
- Project management
- Research

Expertise

- Sustainable tourism
- Destination management
- Climate resiliency
- Public art
- Public restrooms
- Accessible travel
- Communication strategy
- Active listening

Experience

Industry Communications Coordinator
Oregon Coast Visitors Association
January 2023 to present

- design and execute an effective business to business and agency to agency communications strategy to support the Oregon Coast's tourism industry
- master the voice of the Oregon Coast Visitors Association (OCVA) in the written and spoken word
- champion the power of tourism to non-industry members
- convey the impact and opportunity of OCVA's programming
- create a desire for industry stakeholders to engage and participate in OCVA initiatives
- develop an understanding of industry perspectives and priorities

North Coast Tourism Management Network Manager
Oregon Coast Visitors Association
November 2020 to December 2022

- cultivated high quality relationships and collaborations
- worked with tourism organizations, industry stakeholders and network participants to increase the economic, social and environmental benefits of tourism in the region
- developed internal and external communication strategies
- connected with network participants to understand their work and their organization goals and needs
- identified patterns, assessed broader regional needs, communicated opportunities, created plans, facilitated collaboration, and held partners accountable to accomplish network projects and implement regional priorities
- kept network conversations vibrant and alive by recruiting, onboarding, and engaging new network participants
- designed and facilitated network convenings

Ex. 6 Personal Privacy (PP)

Education

B.A. Communications
Moody Bible Institute
Chicago, Illinois
June 2006

Graduate Certificate in Spiritual Direction
North Park Theological Seminary
Chicago, Illinois
July 2019

Volunteering

Actor
Gallery Theater
McMinnville, Oregon

Youth worker
McMinnville Youth Collective
McMinnville, Oregon

Communications consultant
Emergency Volunteer Corps of Nehalem Bay
Nehalem, Oregon

Community gardener
Alder Creek Farm / Lower Nehalem Community Trust
Nehalem, Oregon

Experience (continued)

Oregon Coast Public Art Trail
Oregon Coast Visitors Association
November 2019 to December 2020

Tillamook Bay Heritage Route
Oregon Coast Visitors Association
September 2019 to August 2020

Columnist
Tillamook County Pioneer
June 2020 to November 2020

Communications Consultant
Alder Grove Media
February 2012 to August 2019

Training/HR Systems Administrator
Tillamook Cheese
April 2011 to January 2012

Corporate Communications & Employee Training
Tillamook Cheese
January 2010 to April 2011

Public Relations & Web Administration
Moody Ministries
June 2006 to January 2010

Alumni Communications
Moody Ministries
September 2002 to August 2005







BIOGRAPHICAL SKETCH

NAME: Ex. 6 Personal Privacy (PP)

POSITION TITLE: Climate Consultant

A. EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE	Completion Date	FIELD OF STUDY
University of California, Santa Cruz, CA	B.S.	2012	Molecular, Cell, and Developmental Biology
NYU School of Medicine, New York, NY	Ph.D.	2020	Immunology and Inflammation

B. PERSONAL STATEMENT

I am scientist, speaker, and climate consultant empowering small business, organizations, and communities into meaningful and impactful climate action. Using emerging technologies, behavior change, and nature-based solutions, I bring science literacy to decision making and help organizations prioritize impactful mitigation and adaptation strategies. I specifically focus on solutions with emission reduction potential, adaptability, that safeguard nature, have reach, ambition, empower people, and that are catalysts for change. I work internationally but focus on the California and Oregon Coast.

I have experience in climate resilience and scenario planning, climate standards and criteria consulting, the calculation of scope 1, 2, and 3 emissions, basic risk analysis, and scientific literature review.

I am also experienced managing grant funding having received a three-year grant for $270,000 (Ruth L. Kirsc-hstein National Research Service Award 2016-2018)

Lastly, I am skilled in outreach and community engagement. As a climate consultant I have spoken at conferences and workshops throughout California and Oregon. I am the host of The Disobedient Scientist Podcast and am frequently a guest on other podcasts and radio shows. I am experienced interviewing key opinion leaders and scientific experts. I also currently co-manage two groups in the climate tech space.

C. Example Work (up to 5)

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) Autophagy proteins suppress protective type I interferon signaling in response to the gut microbiota. Nat Microbiol. 2018 Oct;3(10):1131-1141. PMC6179362

Ex. 6 Personal Privacy (PP)

Principal. Landscape Architect

Ex. 6 Personal Privacy (PP) is a landscape architect and landscape ecologist whose practice is grounded in collaboration, justice and equity, and a passion for translating complex science-driven analyses into design outcomes which uplift our shared public spaces. His qualifications emphasize the use of equitable community engagement supported by geospatial data and quantitative modeling to deliver environmental justice, estimate ecological performance, and integrate socio-ecological thinking into project work at multiple scales. His experience leading large collaborative groups working on complex planning, design, landscape architectural and environmental justice projects is an asset to a variety of clients and teams. Combining an experimental and explorative process with strong qualifications in design and planning, he leverages progressive, theoretical methods to support a more just, equitable and resilient culture within a rapidly changing environment.

Relevant Experience

Regional Habitat Connectivity Strategic Action Plan Equity Integration, Portland Metro Area, OR
Client: Regional Habitat Connectivity Working Group
Ex. 6 Personal Privacy (PP) was Principal in Charge for Knot's work with Multicultural Collaborative leading an equity audit for RHCWG, a partnership of federal, regional, and local agencies, non-profits, academics, and individuals convened to elevate and advocate for habitat connectivity in the region. The team's work included thoroughly reviewing RHCWG's Strategic Action through a custom Equity Lens, meeting with key stakeholders to discuss and resolve equity related concerns, and developing a framework for future community engagement focused on BIPOC communities most likely to be the most impacted.

2019 Bond Refinement Information Synthesis, Portland Metro Area, OR
Client: Metro
Ex. 6 Personal Privacy (PP) worked with the Metro Protect and Restore Program Manager to develop an approach to synthesize information collected in 24 ecological assessments and to present this material to the public during Phase 2 of the Bond Refinement. This project included the development of a custom Environmental Justice lens which identifies communities with the highest levels of vulnerability, the highest level of environmental burdens, the and the lowest access to nature for prioritization, outreach and engagement.

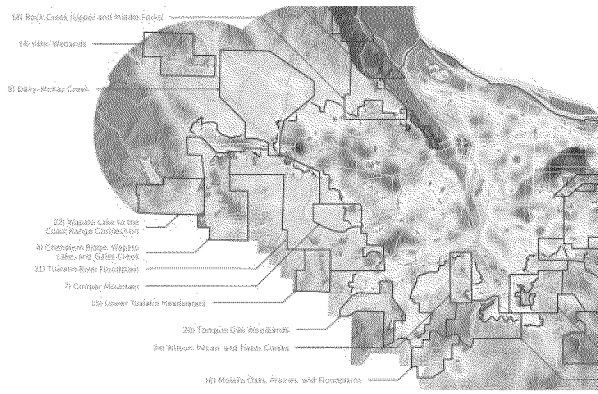
2019 Bond Refinement Urban Target Area Stakeholder Engagement, Portland Metro Area, OR
Client: Metro

Oregon Household Activities Survey, Portland, OR
Client: RSG / Oregon Modeling Statewide Collaborative

Community Choice Grants Participatory Budget Pilot Project
Client: Metro

Oregon Coast Food Systems Assets Analysis
Client: Oregon Coast Visitors Association (OCVA)

Ex. 6 Personal Privacy (PP)



Education

Master of Landscape Architecture,
The University of Michigan

Bachelor of Science,
The University of Michigan

Licenses

Landscape Architecture, Oregon Ex. 6 Personal Privacy (PP)

Affiliations

ASLA, American Society of Landscape Architects

IALE, International Association of Landscape Ecology

Hoyt Arboretum, Board Member

Statewide Comprehensive Outdoor Recreation Plan, Advisory Council Member

Contact

Ex. 6 Personal Privacy (PP)

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Ex. 6 Personal Privacy (PP)

Associate Landscape Ecologist

Ex. 6 Personal Privacy (PP) is an experienced Project Manager, as well as a recreation and landscape planner, ecologist, and landscape designer, with expertise working on complex parks and open space projects. His approach is rigorous, creative, and collaborative, bridging the traditional division between culture and natural systems into a socio-ecological framework. He carries professional experience as a practitioner of restoration ecology and conservation biological research, and has a proven record of leveraging spatial and quantitative data to their highest and best use solving real-world problems. On the site scale, Ex. 6 Personal Privacy (PP) has a sensitive eye for building functional landscapes that achieve distinctive place-making and memorable human experience. Over the last few years, Ex. 6 Personal Privacy (PP) has been key to Knot Studio's approach to using spatial analytical tools to help public clients for stronger community connections through better understanding of the issues of diversity, equity, and inclusion (DEI).

Relevant Experience

Oregon Coast Food Systems Assets Analysis
Client: Oregon Coast Visitors Association (OCVA)

Oregon Household Activities Survey, Portland, OR
Client: RSG / Oregon Modeling Statewide Collaborative

Community Choice Grants Participatory Budget Pilot Project
Client: Metro

CWS Equity, Diversity and Inclusion Workshop Series, Washington County, OR
Client: Clean Water Services

Justice, Equity, Diversity, and Inclusion Integration for Strategic Action Plan, Portland-Vancouver Region
Client: Regional Habitat Connectivity Working Group

Information Synthesis Environmental Justice Lens for the 2019 Bond Refinement, Portland Metro Area, OR
Client: Metro

Urban Target Area Ecological Assessment for the 2019 Bond Refinement, Portland Metro Area, OR
Client: Metro

Stakeholder Engagement for the 2019 Bond Refinement, Portland Metro Area, OR
Client: Metro

Parkpulse.io — Safe Access to Parks and Nature, State of Oregon
Client: OREC

Oregon State Parks State-wide Capacity Approach, State of Oregon
Client: OPRD

Ex. 6 Personal Privacy (PP)



Education

Master of Landscape Architecture,
The University of Michigan

Master of Science, Conservation Ecology,
The University of Michigan

Bachelor of Arts, Comparative Literature,
Brown University

Affiliations

ASLA, American Society of
Landscape Architects

ESA, Ecological Society of America

Contact

Ex. 6 - Personal Privacy (PP)

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Ex. 6 Personal Privacy (PP)

Associate Environmental Graphic Designer

Working through the various stages of design, Ex. 6 Personal Privacy (PP) has a calming effect on her clients. Her quiet confidence instills trust that Ex. 6 Personal Privacy (PP) will carefully guide a project from inception to completion. As Knot's Senior Communication Designer, Ex. 6 Personal Privacy (PP) possesses patience, as she guides clients to decisions through her own extensive education and impeccable listening skills. Ex. 6 Personal Privacy (PP) collaborates with enthusiasm and is known for her dedication to craft. With the benefit of increasingly advanced software and computer aided design, Ex. 6 Personal Privacy (PP) moves seamlessly between the physical and built environment and digital/virtual realms. Her eye for design and attention to detail and her ability to assemble large projects into a unified theme, like pieces of a puzzle, are the result of Ex. 6 Personal Privacy (PP) methodical approach to each project. Of equal importance, Ex. 6 Personal Privacy (PP) relies on her innate listening skills as she reaches common ground with every client.

Relevant Experience

Oregon Coast Food Systems Assets Analysis
Client: Oregon Coast Visitors Association (OCVA)

Cultural Heritage and Healing Garden at Lone Fir Cemetery, Portland, OR
Client: Metro

2019 Bond Refinement Urban Target Area Stakeholder Engagement
Client: Metro

2019 Bond Refinement Information Synthesis
Client: Metro

Parkpulse.io — Safe Access to Parks and Nature, State of Oregon
Client: OREC

Oregon Coast Trail Alignment Mapping
Client: Oregon Coast Visitors Association (OCVA)

Pacific Northwest Trail Alignment Mapping, Montana, Idaho, Washington
Client: Pacific Northwest Trail Association

Fairfax County Park Authority Recreation Center and Golf Course Signage
Design, Fairfax County, VA
Client: Fairfax County Park Authority

Times Square Urban Design Study, New York, NY
Client: Times Square Alliance

East 4th Street Cultural District Streetscape, New York, NY
Client: Fourth Arts Block

Ariel Sharon Park, Tel Aviv, Israel
Client: Park Ariel Sharon, Ltd.

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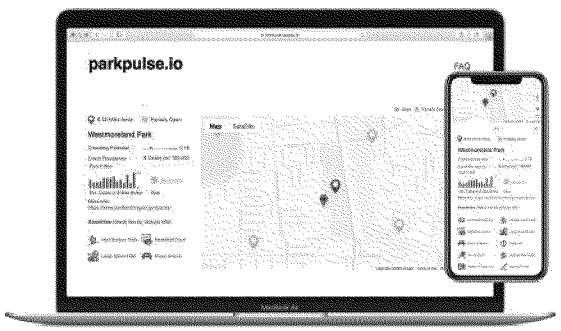

Education

Bachelor of Fine Arts – Communication Design, *magna cum laude,* The University of Connecticut

Affiliations

AIGA, American Institute of Graphic Arts

SEGD, Society for Experiential Graphic Design

Contact

Ex. 6 - Personal Privacy (PP)

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Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)@forthmobility.org

Experience

Forth

Senior Program Manager July 2021 - Present

- Oversee programs to increase access to electric vehicles, including programs to increase access through carshare, gig driver electrification, and reducing financial barriers to electric vehicle adoption
- Manage Forth's outreach and education program to increase awareness of electric vehicles across the Pacific Northwest
- Provide supervision and mentorship to a team of managers and associates to ensure programs are delivered on time and on budget while also prioritizing staff development

Program Manager August 2018 - July 2021

- Lead and develop demonstration projects which support electric vehicle consumer engagement and adoption, including the U.S. Department of Energy funded Clean Rural Shared Electric Mobility Project
- Spearhead workplace engagement programs in the Pacific Northwest, including employer outreach and education about EVs and workplace charging and launching the Electric Vehicle Adoption Leadership certification program
- Provide supervision and guidance to staff and interns, overseeing programs and overall professional development
- Improve organizational efficiency and collaboration while taking on more reports and serving as interim representative on Leadership Team
- Manage organization's role as backstop aggregator for Oregon Clean Fuels Program, including implementing over
- $1.5 million in programs and management of regional subcontractors
- Lead and develop utility engagement programs in the Pacific Northwest, with a focus on rural Oregon
- Present on best practices and grow organization's reputation at conferences and events

Community Engagement Specialist, AmeriCorps Member September 2017 - July 2018

- Provide education and outreach about electrified and shared mobility
- Support efforts to increase access to clean transportation options for traditionally underserved communities
- Design and implement curriculum about electric vehicles for youth.

Tualatin Hills Parks and Recreation

Environmental Education Instructor April 2016 - August 2017

- Lead outdoor education programs and nature hikes
- Review and evaluate new and existing programs to determine their efficiency and effectiveness, and recommend modifications

Portland State University

Graduate Teaching Assistant August 2015 - June 2017

- Lead discussion and teach undergraduate laboratory sections
- Evaluate and grade exams, assignments, and papers and record grades

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Education

Master of Environmental Management, Portland State University 2017

Affiliations

- President/Boardmember, Solar Oregon
- B Corp Certification Assistant
- Certified Master Recycler

Publications

- A Utility Planning Guide: PNW Consumer - Owned Electric Utility Strategies for the Rise of Transportation Electrification, April 2020
- EV Cost Benefit Study Summary: Electric Vehicle Costs and Benefits for BPA Full Requirements Customers, April 2020
- Energy Provider Actions on Electric Transportation, EVS32 International Electric Vehicle Symposium, May 2019
- Electrification Strategies for Electric Utilities, January 2019

FORTH
Empowering Mobility

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)@forthmobility.org

Experience

Forth

Program Manager Mar 2020 - Present

- Project Lead for Electric Tractor Pilot Program
  - Negotiate contracts and MOUs with partners and participants
  - Responsible for the program budget and financial tracking
  - Stakeholder and partner relationship-building, as well as farm outreach and involvement
  - Purchasing and fleet management of additional assets
- Project Lead for Shared Mobility and Fair Financing Pilot Programs
  - Coordinated with a variety of stakeholders including TNC companies, utilities, public policy groups, state and local governments and drivers
  - Maintained data sets and budgets

Lime

Market Operations Manager/ Launcher May 2018 – Dec 2019

- Successfully planned, launched and maintained the Portland area scooter pilot for Lime
  - Built a strong team of managers to maintain a high level of productivity, efficiency and safety
  - Efficiently used various types of data tools to track and consistently improve market performance
  - Built, managed, and maintained a new internal website "Exchange" with WordPress and Formidable Forms
  - Streamlined strategic initiative creation and processes

CitiBike NYC

Deployment Operations Manager Oct 2016 - May 2018

- Led management team for the department; responsible for the successful and effective management labor, productivity, quality control and safety measures
  - Primary point of contact for NYCDOT on bikeshare placement
  - Led annual bikeshare expansion projects that doubled total program coverage within NYC
  - Created an held managers accountable for quarterly KPI's to maintain a high level of efficiency

Education

Fordham University
Bachelor of Arts - Communications and Media Management
St. Vincent's Catholic Medical Center
New York State DOH Approved Paramedic Program

Skills

Excellent communication, management, people skills; Dedicated team skills with a strong ability to follow directions and take charge of situations.

FORTH
Empowering Mobility

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Experience

Forth
Program Manager II (2022-present) **Portland, OR**

- Develop and manage Forth's Mobile Showcase Program - Lead and Manage a series of Forth led consumer outreach and engagement efforts focused on electric vehicles awareness events across the Pacific Northwest.
- Draft proposals and support staff in preparing RFP responses in collaboration with Forth's business development team
- Supervise and mentor 1-2 Direct Reports and volunteers

Black Food Sovereignty Coalition
Electric Vehicle Consultant (2020-present) **Portland, OR**

- Advise and design plans for electrifying the equipment for black farms
- Work with multiple organizations and grant writers to accomplish goals and set standards

Catlin Gabel School **Portland, OR**
Inclusivity Coordinator, PFA (2020-present)

- Lead planner for the Heritage Day festival. Organize, supervise and communicate with members of the Heritage Day committee and, which is one of the largest events at the school. Host meetings and bring fluid decision making to pandemic challenges.
- Plan, develop, and market diversity and inclusion-focused education, programs, and events for faculty, staff, students, and families.
- Work with marketing staff to publicize diversity-related events, education opportunities, workshops, etc. for students, faculty, families, and the local community.

Basketball Coach (1997-present) **Stamford, CT. Johannesburg, South Africa. Scarsdale, NY, Portland, OR**

- For the past 20+ years I've held a variety of paid and volunteer K-12 basketball coaching positions in private and public schools and recreational leagues.

Education

B.S.ED, History
Central Connecticut State University, New Britain, CT Honors:
NCAA Div. I Basketball team Co-Captain, Mid-Continent Conf. All-American Academic Team; Scholar Athlete Award.

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Ex. 6 Personal Privacy (PP)

Transportation Options Specialist

Contact

Ex. 6 Personal Privacy (PP)
Seaside, OR
Ex. 6 - Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)@ridethebus.org

Education

University of Rhode Island,
West Kingston, Rhode Island
BA Majors: Political Science and Philosophy
Minor: German

Executive Member of Student Government, Self-designed Study abroad semester in Germany-focusing on transitional effects of reunification

Attended 1987-91
Graduated 1991

Objective

Work to further collaborative efforts that benefit the community by reducing the effects of green-house gas emissions, congestion, and adoption of emerging technologies. I strive to find ways around challenges toward solutions. Build community through positive action that reinforces behavior change to improve the well-being of current and future users of transportation systems and programs.

Experience

OCT 2019 - PRESENT
TRANSPORTATION OPTIONS SPECIALIST • Develop and implement program outreach and education. This includes organizing meetings with employers and community groups as well as organizing events to present the TO program. Carry out related mode specific activities, establish and communicate the strategic plan for outreach. Develop partnerships with businesses, local community groups, advocacy groups and the neighboring Transit Districts (Columbia and Tillamook Counties) to help build interest in the program • Sunset Empire Transportation District

FEB 1997 – SEPT 2019
OWNER/MANAGER • Chief designer of boutique line of clothing in charge of design-ordering-manufacturing-importing. Established brand and operated two boutique retail locations, managing hiring of employees, payroll, inventory management, special promotional events, marketing, website, sales reports, and day to day operations • La Luna Loca

During the twenty-two years of establishing La Luna Loca I was able to build customer following by creating a business on the foundation of respect and fair trade before it became a catch phrase. Long standing relationships with producers of the artisan clothing and goods was the cornerstone to build equally strong relationships with customers. Quality and connection sustained what from the outside was a retail clothing boutique, and on a deeper level was a bridge to cultural appreciation. It has been a privilege to translate the work and mission of La Luna Loca into the work I do now building relationships in the Transportation Options program.

Key Skills

Analytical thinking and planning
Problem solving
Attention to detail
Strong communications
Ability to adapt and learn
Fluent in Spanish and German

Communication

Due to the pandemic related meeting restrictions, many struggled to continue outreach activities. The idea for LIVE Facebook events was born. I have co-hosted a weekly show all about transportation options. Introducing the concept that transportation choices are connected to everyone and everything we do. The show has been a great success. Technology presents us with an opportunity to reach people in different ways to create programming for harder to engage communities.

Leadership

Sunset Empire Transportation District Board Commissioner- 7 yrs.
Special Districts Association of Oregon Board Director- 5 yrs.
NorthWest Area Commission on Transportation Member- 8 yrs.
Clatsop Economic Development Resource- Small Business Entrepreneur Award 2016
Special District Association of Oregon Academy Graduate
Transportation Options Group of Oregon Board member – 2 yrs.

References

Available upon request

ITEMIZED BUDGET

	Description	Total
Personnel	OCVA Executive Director @ .05 FTE for 3 years @ $46.63/hr (104 hrs/year)= $14,549 OCVA Deputy Director @ .10 FTE for 3 years @ $46.63/hr (192 hrs/year)= $26,859 Industry Communications Coordinator @ .05FTE for 3 years @ $46.63/hr (96 hrs/year)= $13,429 Coastal Tourism Resilience Coordinator @ .50FTE for 3 years @ $46.63/hr (960 hrs/year)= $134,294	$189,130
Fringe Benefits	OCVA Executive Director @ Standard staff fringe rate 30% =$4,365 OCVA Deputy Director @ .10 FTE for 3 years @ $46.63/hr (192 hrs/year) @ Standard staff fringe rate 30% =$8,058 Industry Communications Coordinator @ Standard staff fringe rate 30% =$4,029 Coastal Tourism Resiliency Coordinator @ Standard staff fringe rate 30% =$40,288	$56,739
Travel	-Local mileage for Resilience Coordinator Meetings: 3872 miles for 19 meetings @ 0.625 = $2420 - Per diem for 10 travel days on Oregon Coast @$150 = $1500	$5,373
Equipment	NA	$0
Supplies	NA	$0
Contractual	* *While these estimates are based on one or more bids from potential collaborators, all final contracts for this project will comply with competitive procurement contracting requirements and EPA's rule on Participation of disadvantaged business enterprises.* Analysis for Community Identification @$156/hr x 140 hrs +$1000 for travel = $21,840 CBO engagement strategy with community-based facilitator 238 hrs @ $85/hr =21250 + $1000 for travel =$21,250	$209,539

	Session Facilitation @ 19 session with 4 hrs/session+4 hrs prep @$85/hr= $12,920 English-Spanish Translator for all sessions @ 19 sessions *4 hours x $50/hr = $3,800 Survey Development @ 120 hours x $125/hr= $15,000 North Coast Transportation Expert @ 378 hours x $40/hr =$15,120 Social Analysis @ 180 hours x $156/hour =$28,080 Route analysis @ 218 hours x 156/hour + 500 data storage =$34,508 Key Collaborator Analysis @210 hours x $98/hr =$20,580 Tech & Financial Analysis @280hours x$98/hr= $27,440 Climate analysis @100 hours x $90/hr= $9,000	
Construction	NA	0
Indirect Costs	NA	0
Other	Participant Incentives for 19 focus groups= $15,000 CBO Partnership Incentive = $10,000 Focus group venue price @ 9 venues for $1000 and 10 venues for $500= $14,000	$39,000
Total		$499,800

Logic Model

Resources & Inputs	Activities	Outputs	Audience	Short-Term Outcomes	Intermediate Outcomes	Long-Term Outcomes
Objective 1						
OCVA Staff Time Portland, Salem, and Eugene CBOs Knot Consultant Time Forth Mobility Consultant Time NorthWest Transportation Options ODOT PSU	A1.1 Identify vulnerable communities of color in Portland Metro, Eugene, and Salem AND collaborate with CBOs. A1.2 Plan engagement sessions AND design survey A1.3 Conduct focus groups and complete surveys A1.4 Perform Social Travel Analysis of vulnerable communities of color in Portland Metro, Eugene, and Salem	R1.1 Develop partnerships with 4 CBOs in Portland, 3 in Salem, and 2 in Eugene. R1.2 A) Create and test a digital survey in the target community. B) Develop 9 engagement plans for each focus group. R1.3 Conduct 4 focus groups in Portland, 3 in Salem, 2 in Eugene, and 100 surveys. R1.4 Produce a report chapter on safe and equitable travel to the Oregon coast for vulnerable travelers of color, including visions, goals, and key barriers. R1.5 Produce a report chapter on clean energy transportation routes, schedules, and important locations for transportation	Vulnerable communities of color living in the Portland, Salem, and Eugene Areas. Local partners such as other CBO's operating in the Portland, Salem, and Eugene Areas. City, state, and local government agencies including ODOT, and ODOE Utility providers Transportation	Vulnerable communities of color living in the Portland Metro, Eugene, and Salem areas will: 1. Learn about and engage with our program and our proposed model. 2. Will be supported in identifying and communicating gaps, and deep seeded cultural barriers experienced around equitable travel to the Oregon coast 3. Will vision and set community priorities for accessible low emission transportation to the coast	Through engagement and discussion, CBO's, Government organizations, and other NGOs will learn about opportunities to increase equitable travel to the Oregon Coast. This will be measured by the development of an advisory board and number of advisors serving from audience organizations.	A detailed Oregon Coast equitable and inclusive movement plan with social and infrastructure analysis will be publicly available. This plan will provide detailed action steps for community implementation. Long-term outcomes from the implementation of this plan are: 1.increased access to nature for identified vulnerable communities 2. Increased

	A1.5 Perform Route Analysis from identified vulnerable communities of color in Portland Metro, Eugene, and Salem to the Oregon Coast. A1.6 Perform Technical & Financial Transportation Analysis to support the travel of vulnerable communities of color in Portland Metro, Eugene, and Salem to the Oregon Coast. A1.7 Perform Key Collaborator Analysis to support implementation of solutions in vulnerable communities of color in Portland Metro, Eugene, and Salem to the Oregon Coast.	hubs. R1.6 Produce a report chapter describing key transportation infrastructure, financial support, vehicle procurement strategies, policy development strategies, and incentives. R1.7 Produce a report chapter outlining the roles of project managers, implementing partners, government support, technical expertise, and cooperation from industry and business partners.	providers	These short term outcomes will be measured by survey responses and focus group participation against targets. Another short-term outcome will be partnership development between the Coastal CBO (OCVA) and CBOs serving above-mentioned vulnerable communities. This will be measured in the number of partnerships between OCVA and other CBOs.		access to low emission transportation options for identified vulnerable communities. 3.increased rates of travelers of color visiting the Oregon coast 4.Job generation from emerging industries for identified vulnerable communities 5. Installation of critical infrastructure needed to meet Oregon's transportation electrification needs

Objective 2						
OCVA Staff Time Knot Consultant Time Forth Mobility Consultant Time NorthWest Transportation Options ODOT PSU Sunset Empire Tillamook County Transportation District Visit Tillamook Bay	A2.1 Identify commuter communities in the tourism industry on the Oregon North and Central Coast, and collaborate with community advocates and other community CBOs. A2.2 Plan engagement sessions and design surveys. A2.3 Conduct focus groups and complete surveys. A2.4 Perform a social travel analysis of Oregon coast tourism workforce	R2.1 Activate current coastal partnerships with community advocates, other CBOs, and businesses on the Oregon Coast that work with tourism commuters, and identify five locations for focus groups. R2.2 A) Create and test a digital survey in the target community. B) Develop five engagement plans for each focus group. R2.3 Conduct five workforce focus groups in identified commuter communities on the Oregon North and Central Coast. R2.4 Produce a report chapter on safe and equitable transportation for Oregon coast tourism workforce commuters, including visions, goals, and key barriers. R2.5 Produce a report chapter on clean energy transportation routes,	Oregon Coast Tourism Workforce who Commute to work Local partners such as community advocates, businesses, chambers of commerce, utility providers, other NGOs and CBO's operating along the Oregon Coast. City, state, and local government agencies including ODOT, and ODOE Transportation providers such as Sunset	Oregon coast tourism workforce commuters will: 1. Learn about and engage with our program and our proposed model. 2. Be supported in identifying and communicating gaps and needs surrounding equitable travel to and along the Oregon coast. 3. Will vision and set priorities for accessible low emission transportation to work. These short term outcomes will be measured by survey responses and focus group participation.	Through engagement and discussion, CBO's, Government organizations, and other NGOs will learn about opportunities to increase equitable travel to and along the Oregon Coast. This will be measured by the development of an advisory board and number of advisors serving from audience organizations.	A detailed Oregon Coast equitable and inclusive movement plan with social and infrastructure analysis and detailed actions steps for community implementation. Long-term outcomes from the implementation of this plan are: 1.increased access to low emission transportation options 2. Increased access to EV charging 3.reduced number of vehicles driving on the Oregon coast (and reduced

	commuters. A2.5 Perform a route analysis of Oregon coast tourism workforce commuters. A2.6 Perform technical and financial transportation analysis to support the travel of Oregon coast tourism workforce commuters. A2.7 Perform key collaborator analysis to support the implementation of solutions for Oregon coast tourism workforce commuters.	schedules, and important locations for transportation and micro-mobility hubs. R2.6 Produce a report chapter describing key transportation infrastructure, financial support, vehicle procurement strategies, policy development strategies, and incentives. R2.7 Produce a report chapter outlining the roles of project managers, implementing partners, government support, technical expertise, and cooperation from industry and business partners.	Empire and Tillamook County Transportation District Oregon Ports			emissions) 4.Job generation from emerging industries 5. Reduced time Oregon coast tourism workforce spends on commuting.
Objective 3						
OCVA Staff Time	A3.1 Identify the	R3.1 Activate current coastal	Residents of Oregon coast	Residents of Oregon coast destinations	Through engagement and	Create a detailed plan: Creating

Knot Consultant Time Forth Mobility Consultant Time NorthWest Transportation Options ODOT PSU Sunset Empire Tillamook County Transportation District Visit Tillamook Bay	North and Central Coast destinations in Oregon that are affected by high visitation traffic, and collaborate with community advocates and other community based organizations (CBOs). A3.2 Plan engagement sessions and design surveys. A3.3 Conduct focus groups and complete surveys. A3.4 Perform a social travel analysis of the impact of high traffic on Oregon coast destinations. A3.5 Perform a route analysis to identify the impact of high	partnerships with community advocates, other CBOs, and businesses on the Oregon Coast that work with high-visitation areas. R3.2 A) Create and test a digital survey in the target community. B) Develop five engagement plans for each focus group. R3.3 Conduct five destination focus groups in identified communities on the North and Central Coast of Oregon. R3.4 Produce a report chapter on safe and equitable transportation for high-traffic impact Oregon coast destinations, including visions, goals, and key barriers. R3.5 Produce a report chapter on clean energy transportation routes, schedules, and important locations for transportation and micro-mobility hubs. R3.6 Produce a report chapter describing key transportation infrastructure, financial support, vehicle procurement	destinations impacted by traffic and transportation emissions. Local partners such as community advocates, businesses, chambers of commerce, utility providers, other NGOs and CBO's operating in identified communities along the Oregon Coast. City, state, and local government agencies including ODOT, and ODOE Transportation providers such as Sunset Empire and Tillamook	impacted by traffic and transportation emissions will: 1. Learn about and engage with our program and our proposed model. 2. Be supported in identifying and communicating gaps and needs surrounding equitable travel to and along the Oregon coast. 3. Will vision and set priorities for low emission transportation to and along destinations on the North and Central Coast. These short term outcomes will be measured by survey responses and focus group participation.	discussion, CBO's, Government organizations, and other NGOs will learn about opportunities to increase equitable travel to and along the Oregon Coast. This will be measured by the development of an advisory board and number of advisors serving from audience organizations.	Equitable and Low-Impact Transportation to and Along Oregon Coast that includes social and infrastructure analysis and detailed actions steps for community implementation. Long-term outcomes from the implementation of this plan are: 1.increased access to low emission transportation options such as busing, vans and rideshares. 2. Increased access to EV charging on the coast 3.reduced number of vehicles driving on the Oregon

	traffic on Oregon coast destinations. A3.6 Perform technical and financial transportation analysis to support the reduction in traffic and emissions at high-traffic impact Oregon coast destinations. A3.7 Perform a key collaborator analysis to support the implementation of solutions for Oregon coast visitation traffic.	strategies, policy development strategies, and incentives. R3.7 Produce a report chapter outlining the roles of project managers, implementing partners, government support, technical expertise, and cooperation from industry and business partners.	County Transportation District Oregon Ports			coast (and reduced emissions) 4.Job generation from emerging industries 5. Oregon coast residents experience reduced exposure to emissions.
Objective 4						
OCVA Staff Time Climate Scientist	A4.1 Develop a Report chapter called Oregon Coast	R4.1 Produce a report chapter describing future opportunities for Climate	All stakeholders interested in plan	To develop strategies for equitable transportation to and along the Oregon coast.	Go after implementation funding of identified solutions	Implement solutions outlined in the plan.

Consultant Knot Consultant Time Forth Mobility Consultant Time	Transportation Climate Change Preparedness Strategy A4.2 Conduct a workshop with collaborators. A4.3 Write and finalize an equitable and inclusive Oregon Coast movement plan based on all above analysis.	Change Preparedness. R4.2 Conduct three workshops: 1) Align transportation issue identification, vision, goals, and barriers while maintaining the specifics of location. 2) Determine key capacity and leadership development needed for the implementation of the plan and establish an advisory board. 3) Develop an implementation strategy. R4.3 The plan includes the following chapters: Background, Process & Methodology, Key Opportunities, Social Analysis, Route Analysis, Technical & Financial Transportation Analysis, Key Collaborator Analysis, Climate Change Transportation Preparedness Strategy, Gaps, and Conclusions.		The build alignment and create relationship among disconnected stakeholders Set and vision all community priorities for equitable transportation to and along the Oregon coast.		

knot studio

April 14th, 2023

To: U.S. Environmental Protection Agency

Re: Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program Grant

To Whom it May Concern,

Knot Studio is pleased to support the Oregon Coast Visitors Association's application to The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program. Knot Studio has previously collaborated with the Oregon Coast Visitors Association assessing local access to food systems and food system resiliency, and building interpretive storymaps to support stakeholder engagement and outreach.

Knot Studio's role on this grant would be to develop a community vulnerability demographic assessment to understand the spatial distribution of priority communities of color, develop a community engagement strategy and support engagement planning. Knot Studio would also provide route analysis services to understand how coastal destinations can be better connected to priority inland communities. Our experience building leading edge community vulnerability assessment methodologies and other analytical tools in support of environmental justice will help support the work covered within this grant application. Knot Studio principal Michael Yun, project manager and technical lead Andrew Tillinghast and senior designer Anzelina Coodey will be the staff assigned to this project.

We look forward to working with the Oregon Coast Visitors Association and other project partners on this exciting initiative.

Sincerely,



Michael Yun

Principal, Landscape Architect

350 SE Mill Street Suite 02 Portland OR 97214 Ex. 6 - Personal Privacy (PP) www.knotstudio.com

Kelly Yearick
Sr Program Mgr - Access to Cars
Forth
2035 NW Front Ave, Suite 101
Portland, OR 97209

April 12, 2023

U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA)
OFFICE OF ENVIRONMENTAL JUSTICE AND EXTERNAL CIVIL RIGHTS (OEJECR)
EPA-R-OEJECR-OCS-23-01

RE: Forth's support for the Oregon Coast Visitors Association application

Dear EPA:

Forth is pleased to partner with the Oregon Coast Visitors Association (OCVA) and other Key Partners on this exciting planning grant to create an equitable and inclusive movement to and along the Oregon Coast while reducing the incredible burden of vehicles generated by visitation and workforce movement.

We believe this project will help identify social solutions and coastal partnerships to increase access for people of color to visit the Oregon Coast and will also identify barriers to accessible and equitable transportation for workforce commuters on the Oregon Coast. Forth has confidence in the team's ability to deliver on this project's promise.

Forth's mission is to electrify transportation by bringing people together to create solutions that reduce pollution and barriers to access. Since its founding in 2011, Forth has a proven track record in accelerating transportation electrification, including the successful delivery of consumer engagement and outreach programs. Some of our recent initiatives include:

- GoForth Carshare: In early 2021 Forth was awarded funding by the American Public Power Association, the Bonneville Environmental Foundation and several rural and small city electrical utilities to set up the GoForth CarSharing platform to make shared EVs and charging infrastructure available for test drives and repeat rentals in small towns with limited EV availability, as a strategy to bring the benefits or transportation electrification and shared mobility to rural and low-income communities.

- Listening Sessions: In 2022, Forth was selected by Pacific Power to lead six virtual and in-person listening sessions communities across Oregon to collect information about barriers to EV adoption, identify perceived infrastructure gaps and learn about the communities goals of electrifying transportation. During the group discussions and mapping sessions, customers identified local barriers such as critical gaps in the existing network of charging stations which helped inform Pacific Power's Transportation Electrification

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FORTH
Empowering Mobility

Plan to be filed with the Oregon Public Utility Commission.

As a Key Collaborator with OCVA on this initiative, tasks that Forth will assist with include:

- Plan and deliver Listening Sessions in communities selected by the movement analysis results
- Develop a community engagement and outreach plan for identified strategic locations, including identifying key collaborators with relevant community based organizations and others who can/ are willing to manage plan at next stages
- Perform technical & financial analysis for strategic transportation infrastructure with an emphasis on micro-mobility , including electric vehicle, ebike and escooter procurement strategy analysis, including incentives and policy development and coordination with coastal government and utility providers
- Perform social analysis identifying and aligning visions, goals, and key barriers for Oregon coast tourism workforce
- Participate in three workshops with all key collaborators to align transportation issue identification, vision, goals and barriers while maintaining the specifics of location, determine key capacity and leadership development needed for the implementation of plan and develop implementation strategy

Together, we will work to decrease the traffic burden and air pollution of these highly trafficked coastal destinations while promoting clean transportation solutions that are equitable, accessible, and affordable for all. We look forward to working with OCVA and other project partners on this exciting initiative.

Sincerely,

Kelly Yearick
Sr Program Mgr - Access to Cars

Oregon
Tina Kotek, Governor

Department of Transportation
Region 2
455 Airport Rd SE
Salem, OR 97301
Phone: Ex. 6 - Personal Privacy (PP)
Fax: Ex. 6 - Personal Privacy (PP)

April 14th, 2023

To: U.S. Environmental Protection Agency
Re: The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program Grant

To Whom it May Concern,

The Oregon Department of Transportation is pleased to support the Oregon Coast Visitors Association's application to The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program.

The Oregon Coast Visitors Association is the Regional Destination Management Organization (RDMO) for the Oregon Coast and in 2022 became the first Destination Management Organization in the state of Oregon to publish a climate action plan. They received input from our Climate Office at the Oregon Department of Transportation (ODOT) to develop this plan. This plan followed years of experience working with partners on the North Oregon Coast, including, our Northwest Area Department of the Oregon Department of Transportation, to decrease the impact of transportation and travel to and along the coast. We have worked with OCVA and other local partners to collaboratively identify and promote car-free travel for visitors to high use areas in Clatsop and Tillamook Counties.

ODOT has been a consistent partner in these projects and has been a regular contributor to the planning and implementation of these projects. ODOT's technical expertise and access to transportation data has been and continues to be a crucial component of current and projected travel patterns. As a willing partner, ODOT supports the work OCVA has done and the work OCVA would be able to do with this grant funding; working with OCVA will allow ODOT to expand Oregon's zero-emission, equitable and accessible travel options to and along the coast.

This project directly aligns with ODOT's goal's to provide a safe and reliable multimodal transportation system that connects people and helps Oregon's communities and economy thrive.

We look forward to working with the Oregon Coast Visitors Association and other project partners on this exciting initiative. Thankyou for helping to create a more livable and climate friendly space for Oregonians and our visitors.

Sincerely,

Caroline Crisp

Caroline Crisp

Senior Transportation Planner Region 2, Area 1

Kathy Kleczek
Ex. 6 Personal Privacy (PP)
Seaside, OR 97138

April 14th, 2023

To: U.S. Environmental Protection Agency

Re: The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program Grant

To Whom it May Concern,

I, Kathy Kleczek, am excited to support the Oregon Coast Visitors Association's application to The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program.

The Oregon Coast Visitors Association is the Regional Destination Management Organization (RDMO) for the Oregon Coast and in 2022 became the first Destination Management Organization in the state of Oregon to publish a climate action plan. This plan followed years of experience working with partners on the North Oregon Coast, including the North Coast Tourism Management Network, to decrease the impact of transportation and travel to and along the coast. As a member of the NCTMN, and the lead of the Transportation Options Action Group I have collaborated with OCVA on Car-Free Travel messaging for the region. The Planning projects proposed are a logical extension of the work that has been started by the network action group.

As a participant and lead in the efforts to promote sustainable transportation systems on the Oregon Coast in the past, I am eager to continue the next phase of planning. My knowledge of the existing public transportation systems will help foster effective conversations during the Route Analysis phases of planning. I have worked with the local transportation system networks for over a decade in various capacities. This planning collaboration could benefit the region, and State of Oregon as a whole to move tourism in a sustainable direction.

In the over 20 years of operating and managing my business in Cannon Beach, the connections to the community and experiences as a business owner will serve to foster connections to existing community bases organizations and companies. During the outreach and listening session phases this will assist in establishing a wide range of community engagement in the region.

Currently in my work as a transportation options specialist has allowed me to become educated on the vast approaches to sustainable transportation across the globe. I enthusiastically participate in seminars from leaders in mobility hub development in Germany and Holland. Analyzing the systems and means that are used to implement the infrastructure and mind shift to create the changes in behavior needed to be effective. The successes that many European and Asian cities have seen in moving people to public transportation, vehicle sharing, or E-bikes does not have to be a far distant reality for the Oregon Coast. Planning is the first step in implementing the changes needed to be successful, I would like to be part of the process to make sure we are reaching the audiences frequently underserved, especially those working to support the tourism industry often members of Latinx communities.

It is my goal to leverage my experience and knowledge to work with OCVA to expand Oregon's zero-emission, equitable and accessible travel options to and along the coast.

I look forward to working with the Oregon Coast Visitors Association and other project partners on this exciting initiative.

Sincerely,

Kathy Kleczek

Tillamook Coast Visitors Association

Visit Tillamook Coast

April 5, 2023

To: U.S. Environmental Protection Agency
Re: The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program Grant

Hello,

My name is Nan Devlin, Executive Director of Tillamook Coast Visitors Association (TCVA), a destination management organization committed to sustainable tourism practices throughout Tillamook County on the Oregon Coast. We are a regional partner with Oregon Coast Visitors Association (OCVA), which represents the tourism industry on the entire Oregon Coast. I am writing in support of OCVA's application for the EPA grant, The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program.

One of our stewardship goals for Tillamook County is to prepare our community with needed infrastructure to support an increase in electric vehicle use. Currently, the city of Tillamook, located in the center of the county, is the only location with EV charging stations for use by visitors, both located in parking lots of tourism attractions. It is our plan to seek funding to install EV stations in north and south county, which is 70 miles long and more than 50 miles wide. Feasibility studies from this grant would greatly support our efforts.

Another goal is to provide incentives to encourage visitors to ride the bus to Tillamook County from Portland, Salem and Corvallis, all in the Willamette Valley, 70 miles or more away. Our local bus system, The Wave, is operated by the Tillamook County Transportation District and has well-timed schedules east and west, as well as north and south along the coast on Highway 101. We are currently conducting a pilot program in a north county town that will provide dining gift cards for those who show a bus ticket when checking into their hotel. This will help reduce carbon emissions, and encourage alternative forms of transportation, including bike and scooter rentals. We see the value in public transit options for visitors and appreciate the focus of this in the proposal OCVA is submitting. We can support the efforts in this grant by connecting partners with our local transit partners.

Two years ago, in partnership with Tillamook County Transportation District, we helped fund a free trolley shuttle on summer weekends in Pacific City, which has experienced heavy traffic congestion, decreasing both local livability and visitor experience. The shuttle has 3X higher ridership than expected. We see the great need for increased micromobility options in other cities along the Oregon Coast. Micromobility deliverables in this grant will help us secure more funding for the needed infrastructure.

We get our stewardship message to visitors and locals through social media, press releases, newsletters, radio programs and sponsored content in our regional target markets. We can support the deliverable in this grant by continuing this outreach and visitor engagement as more climate-aware methods of transportation and visitor experiences are implemented on the coast.

Tillamook Coast Visitors Association

Visit Tillamook Coast

Sincerely,

Nan Devlin

Nan Devlin
Executive Director, Tillamook Coast Visitors Association
PO Box 1268, Tillamook OR 97141
Ex. 6 - Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)

Lincoln City Chamber of Commerce
4039 NW Logan Road
Lincoln City, OR 97367
Phone: (541) 994 – 3070
E-mail: Ex. 6 - Personal Privacy (PP)
https://lcchamber.com

To: U.S. Environmental Protection Agency

Re: The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program Grant

From: Lori Arce-Torres, Lincoln City Chamber Executive Director

I am writing this letter in full support of the Oregon Coast Visitors Association's application for the EPA three-year planning grant. The Chamber has partnered with OCVA many times in the past, and this grant opportunity would be one more way we could support the important work that they are doing.

The Lincoln City Chamber recognizes the challenges we face around transportation, and the increased need for equitable, low impact transportation on the Oregon Coast. We want to ensure our region is accessible and affordable for fellow Oregonians and visitors and the success of our business community is our number one goal at the chamber. Having viable transportation for residents, employees and visitors will be one way to make sure this happens.

We support the development of a feasible study for the extensive implementation of electric transportation infrastructure for both tourism workforce and visitors to the Oregon Coast. We also support the development of a zero emissions transportation program for coastal visitors and commuting workforces.

The Lincoln City Chamber has over 300 chamber members giving us the unique ability to reach a large audience. We could connect local businesses and their workforce to grant partners via our website, social media, monthly meetings and newsletters. We could play a strong role in communicating with businesses about the various transportation options for their workforce, as well as convey effective and creative transportation options which will help the mission by providing feedback on the reality of the program.

The Lincoln City Chamber has been focused on increasing accessibility for those traveling with disabilities. We realize our destination can be challenging for some visitors who have difficulty walking, and micromobiltiy upgrades such as scooters or bikes could support the movement of visitors as well as community members moving around town.

I urge you to strongly consider funding the grant request for the Oregon Coast Visitors Association.

Respectfully Submitted,

Lori Arce-Torres, Lincoln City Chamber Executive Director

OREGON COAST
Florence
Area Chamber of Commerce

April 11, 2023

To: U.S. Environmental Protection Agency
Re: The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program Grant

To Whom it May Concern,

My name is Bettina Hannigan, President and CEO of the Florence Chamber of Commerce. Our Chamber is made up of over 350 local business owners and community leaders committed to improving the economy of Florence, Oregon. We are an active chamber partner with Oregon Coast Visitors Association (OCVA), which represents the tourism industry on the entire Oregon Coast. I am writing in support of OCVA's application for the EPA grant, The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program.

Florence, Oregon is located in Lane County, which has previously completed a Climate Action plan consisting of an internal plan and a community plan to reduce carbon emissions in the County. Throughout the county's process of developing this plan, equity was centered in an attempt to reach a broad cross section of our community and is a continued priority for our county. The plan outlines the top 10 actions that our county must take to reduce our greenhouse gas emissions with one of the top actions is Electric Vehicle adoption. Currently, Lane County has over 335,000 passenger vehicle registrations; over 99% are internal combustion engines. Most of these vehicles use gasoline fuel. In 2019, nearly 2,500 electric vehicles were registered – less than 1%. To reach the reduction potential, we would need to increase community use of electric vehicles to 100% by 2040. However, the equity score on this action could have adverse impacts on social equity.

We believe that the deliverables in OCVA's grant including listening sessions with underrepresented groups in the Portland Metro, Salem, and Eugene areas and on the coast regarding barriers for visitation to our destination would help us improve the EV adoption for workforce and visitors in a more equitable way. We also appreciate the focus on workforce movement, understanding that not all of the coast's workforce is able to live where they work and less barriers to transportation could make working on the coast easier for individuals and families.

The Florence Chamber will be able to support the deliverables in the grant by sharing surveys, community listening sessions and other pertinent information with our large membership base and local government. Additionally, we can ensure that developed transportation programs and incentives can be shared with our workforce and visitors.

Sincerely,

Bettina Hannigan

Bettina Hannigan
President and CEO

290 Hwy 101 Florence, OR 97439
Ex. 6 - Personal Privacy (PP)
www.FlorenceChamber.com

Ex. 6 Personal Privacy (PP)

PHONE: Ex. 6 - Personal Privacy (PP) EMAIL: Ex. 6 - Personal Privacy (PP) PACIFIC CITY, OR

PROFESSIONAL EXPERIENCE

Deputy Director | 2018 - Present

Oregon Coast Visitors Association - OREGON COAST

- Oversees development and implementation of strategic plan and budget.
- Manages multiple contractors and department leads.
- Positions association as leading destination management organization in Oregon.
- Leads development of climate action planning through the international Glasgow Declaration community.
- Designs and oversees annual grant program of approximately $100K to coastal businesses and organizations.
- Represents association in public speaking engagements along the Oregon Coast.
- Fosters strategic partnership development and management with tourism stakeholders, local government, land management agencies and nonprofits.
- Aligns partners and funding streams for industry alignment .
- Strategizes communications campaigns for visitors and tourism industry needs.
- Inspires collaboration and motivates innovatiove practices both internal and external to the association.

Podcast Host of Big Tourism | 2020 - Present

American Shoreline Podcast Network - VIRTUAL

- Conducts interviews focused on destination (tourism) management.
- Networks with coastal tourism professionals and communities worldwide to foster idea-sharing and industry cross-collaboration.

English Tutor | Fall 2017 - Spring 2018

Independent English Tutor - PARIS, FRANCE

- Coordinated with students, parents and teachers to deliver English language programming.
- Connected with and supported a group of hotel maids protesting difficult working conditions at an international hotel chain.

Program Coordinator | 2016 - 2018

Rockaway Beach Citizens for Watershed Protection - OREGON / VIRTUAL

- Fostered positive relationships between community leaders, industry stakeholders, and fellow citizens to work on environmental issues.
- Moderated difficult conversations around land use and community rights.
- Challenged the status quo while offering practical solutions and ideas.
- Excelled in public speaking at community events, government hearings and educational presentations.

North American Language + Culture Assistant | 2015 - 2017

Auxiliar de Conversación, Gobierno de España - MALLORCA, SPAIN

- Used effective communication, writing and spelling skills to teach ESL students.
- Collaborated highly with fellow teachers to deliver creative programming.
- Required communication in English and Spanish.

PADI Dive Professional | 2016 - 2017

Scuba Mallorca - MALLORCA, SPAIN

- Worked on-site at over 15 resorts on the island to connect directly with tourists.
- Instructed and supported diverse international tourist groups.
- Highlighted delicate ecosystem needs with clients to foster an appreciation for diving and coastal ecosystems.

Server | Spring 2011 - Summer 2017

Pelican Brewing Co. - PACIFIC CITY, OR

- Shared community information with visitors looking to the Oregon Coast.
- Effectively communicated with teammates while multitasking in a high-paced enviornment

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PHONE: Ex. 6 - Personal Privacy (PP) EMAIL: Ex. 6 - Personal Privacy (PP) PACIFIC CITY, OR

PUBLIC SERVICE EXPERIENCE

VOLUNTEER DIVER | 2023 - Present

Oregon Reef Check - OREGON COAST

- Attends online and inperson trainings.
- Participates in dives on the Oregon Coast to conduct scientific surveys of fish, invertebrates and kelp species.

BOARD MEMBER | 2019 - Present

Kiawanda Community Center - PACIFIC CITY, OR

- Facilitates monthly board meetings as acting President of the Board.
- Ensures long term financial sustainability and community reputation of the nonprofit.

BOARD MEMBER | 2020 - Present

Pacific City Doryman's Association - PACIFIC CITY, OR

- Oversees public engagement events like the annual Trick or Treat the Dory Fleet and Dory Days.
- Oversees budget and finances as the Board Treasurer.
- Attends all board meetings to support the mission of protecting the usual and customary access to, and use of, the public beach at Cape Kiwanda for all the traditional activities associated with dory vessels.

VOLUNTEER BUDGET COMMITTEE MEMBER | 2020 - Present

Nestucca School District - Cloverdale, OR

- Oversees and approves yearly school budget.
- Reviews budget and asks for staff and board input.
- Communicates school budget strategy to the community.

EDUCATION

University of Oregon | 2011 - 2015

Bachelor of Arts in International Studies - OREGON

- Concentration in community decision-making with local natural resources in Latin America and Oregon.

Environmental Leadership Program | 2014 - 2015

Environmental Studies Department - University of Oregon

- Co-created a short documentary elevating the voices of rural people on the Oregon Coast.
- Organized and hosted multiple film screenings and community forums around Oregon.
- Presented at Environmental Law Conference in Eugene, OR.
- Studied different forestry practices on the Oregon Coast.
- Promoted statewide legislative reform on house bills and safe industry practices.

IE3 Global Internships | 2014

Equilibrio Azul (NGO) - ECUADOR

- Collaborated with local fishermen, community members and an international team to collect and record data on bycatch and overfishing.
- Facilitated and trained new volunteers.
- Focused on sustainability issues through a community-based perspective.

SIT Study Abroad | 2013

Indigenous Peoples and Globalization - PERU

- Analyzed community decision-making on the proposed oil drilling by Hunt Oil.
- Conducted site visits, interviews, and a final research paper.
- Completed research, final paper, and final presentation in Spanish.

PROFESSIONAL EXPERIENCE

Oregon Coast Visitors Association | OREGON COAST **February 2013 - Present**
Executive Director

- Manage relationships in coastal network of Chambers of Commerce, Visitor and Convention Bureaus, Port Districts 24 incorporated cities and 7 county governments, NGO's and hundreds of businesses along all 363 miles of Oregon Coast.
- Align public relations and marketing campaigns with federal, state, county, cities and special districts (e.g. ports) to ensure coastal region is properly positioned in cooperative promotional opportunities.
- Work with agency partners who develop brand creative materials for use in all advertising media, including but not limited to print, broadcast and internet.
- Convene multijurisdictional dialogs to align capital and infrastructure investments by coordinating funding streams and collaboratively funding projects.
- Develop and oversee the annual operating budget, encompassing all activities and operations of the association, monthly financial reports and annual audit reports in accordance with written financial procedures approved by the Board

Oregon Country Fair | EUGENE, OR **February 2009 - September 2010**
Executive Director

- Oversaw legal, financial, and operational activities for annual event attracting 45,000 attendees, 700 craft & food vendors, and hundreds of performers on 18 stages and across 365 acres of fairgrounds.
- Supervised staff of seven, including a Site Manager and Operations Manager coordinating the work of 4,000 volunteers comprising 62 working crews which provided services such as sewer, water, fire, medical, construction, archaeological, emergency response, security and transportation.
- Oversaw coordination of public safety and emergency preparedness within a multi-agency setting of police, fire, medical, forestry, and public transit officials.
- Directed the marketing and public relations strategy for print, web, and broadcast news media outlets both locally and nationally.

Oregon Energy Coordinators Association | TELECOMMUTE, OR **February 2007 - September 2008**
Executive Director

- Secured $619,000 training and technical assistance contract from Oregon Housing and Community Services to deliver low-income weatherization and energy conservation programs in Community Action Agencies across the state.
- Facilitated communication and coordination of work between 30 member agencies serving low-income, multi-racial households and communities.
- Oversaw state certification training program for professional staff of 18 member agencies in Energy Education, Energy Auditing, and Weatherization.
- Restructured operations of state-wide nonprofit association, including Articles of Incorporation, By-Laws, and implementation of certification programs.

Tillamook Bay Community College | TILLAMOOK, OR **October 2003 - July 2005**
Director of Continuing and Community Education

- Founded the Watershed Activities To Estuary Recreation Program, an economic development initiative in rural-coastal Tillamook County, receiving the Gene Leo Award at the 2005 Oregon Governor's Conference on Tourism.
- Supervised 30-50 instructional and administrative staff developing and delivering educational, recreation and professional workforce trainings.
- Developed budgets, revenue/expense projections and fiscal reporting systems.
- Networked and developed partnerships with stakeholders in assessing social, economic and educational needs of agencies, businesses, and communities.
- Planned, organized and directed marketing and public relations efforts.

Food For Thought Cafe | PORTLAND, OR **May 2000 - October 2003**

Founding Board Member

- Developed inter-agency relationships with business, government, and non-profits to secure contractual agreements, resources and creative partnerships.
- Supervised 15-30 program staff and volunteers throughout strategic planning, program implementation, review and evaluation cycles.
- Organized and directed community participation and outreach campaigns.
- Raised start-up funds, monitored and controlled budget and fiscal resources to transform investment into a financially self-supporting educational program.

City of Portland Parks and Recreation | PORTLAND, OR **April 1998 - May 1999**

Public Events Coordinator

- Coordinated multi-agency services of city, county, regional, and state agencies such as OLCC, Multnomah County Health Department, Portland Fire Bureau, Portland Police Bureau, Portland Neighborhood Associations, Tri-Met, Multnomah County River Patrol, and Portland Water Bureau to support the public and private event activities of a full-spectrum of Portland's diverse businesses, organizations and residents.
- Organized, prioritized and evaluated workload in permitting and regulating public event activities across 200 parks with community participation and input from neighborhood associations, community groups, businesses, and numerous government agencies.
- Educated customers and agency officials on public process, rules and regulations.

PUBLIC SERVICE

Garibaldi Tourism Commission | 2004 - Present
Advised the formation of, policies programs, budgets, branding, public relations and marketing for this relatively.

Community Food Empowerment Project | 2010 - Present
Advise start-up and existing student food co-operatives throughout the region on strategic planning, market research, and campus organizing best practices.

West Coast Governor's Alliance: OR, WA, CA | 2009 - 2013

Jointly publish and implement the 2011 Work Plan of the Sustainable Coastal Communities Action Coordinating Team by conducting direct stakeholder outreach, analyzing existing research, and dialog with relevant officials

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EDUCATION

Portland State University | Portland, OR
Conflict Resolution Training, 65 Graduate Credits
Master's in Public Administration, Administrative Law Focus
Certificate of Non-Profit Development
Certificate of Completion, Basic Mediation Skills

University of Wisconsin | Green Bay, WI
Bachelor of Political Science /Social Change and Development

AWARDS

Gene Leo Memorial Award | 2005 Oregon Governor's Conference on Tourism
PSU President's Award | Outstanding Community Service
PSU PUblic Administration Award - Outstanding Community Service

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Astoria OR, 97103

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EDUCATION

St. Olaf College: Northfield, Minnesota — Graduation: **May 2022**
Bachelor of Arts — Cumulative GPA: Ex. 6 Personal Privacy (PP)
Majors: *(Distinction) Political Science & (Distinction) Philosophy* — GPA in Majors: **PS** Ex. 6 Personal Privacy (PP) **& Phil** Ex. 6 Personal Privacy (PP)
Honors & Awards: *Dean's List each Academic Semester, Student Senator Rookie of the Year (2018-19), Runner-up St Olaf Emerging Leader Award (2020), 2nd Place Ringstad Philosophy Essay Contest (2020), Delegate to WA State Democratic Party Convention (2020 & 2022), Interviewed on PBS The Almanac about 2020 Presidential Primary Campaign Work, Published in the Pi Sigma Alpha Undergraduate Journal of Politics.*

Technical Skills: Votebuilder, SPSS (statistics software), Google Workspace, Microsoft Office, Zotero, Zoom, Photoshop/Image Editing, Adobe Premiere Pro, Completion of Grant Writing Course taught by Meredith Howell (OR), Yoga Instructor Certification, Mental Health First-Aid Certification, Canva, Mailchimp

WORK EXPERIENCE

Coastal Tourism Resiliency Coordinator, *The Oregon Coast Visitors Association* — Sept 2022- Present

- Managed four projects designed to both reduce the GHG emissions of tourism and mitigate the effects of the impact of travel.
- Created a coastwide map of available EV chargers. Created analysis of coastwide EV charger gaps. Have worked with local businesses and Electrify America to fill EV charger gaps. Have coordinated the placement of $2million worth of EV charging equipment in identified gaps. This coastwide EV map is also now public facing
- Presented information to over 150 Businesses & Stakeholder along the coast about strategies to reduce GHG emissions and increase consumer visibility. Have built & shared EV toolkits, rebates, and funding opportunities
- Appeared on KMTR to share information about charging rebates and in the *Seaside Signal* and the *Big Tourism Podcast* to share about GHG emission reduction & mitigation strategies
- Compiled traffic data and travel habit information to build out business proposal for alternative transportation options to the north Oregon coast
- Created funding stream to let travelers donate money directly back to coastal restoration and conservation work. This involved creating connections with environmental nonprofits, putting together rigorous standards and criteria for org evaluation, building out website infrastructure and working with businesses to implement POS donation system
- Fundamentally, this role has been about coordinating partnerships and aligning interests to share strategies and resources and implement practices that make the coast a sustainable and resilient destination

Political Organizer, *Adrianne Moore for State Senate (Chelan County, WA)* — April 2020 - September 2020

- Created and facilitated working groups with 'key endorsement' community members centered around incorporating respected community expertise into the campaign platform
- Coordinated a 'Youth Organizers' program within the campaign to channel activist energy among young people into building a broader coalition of support for the campaign
- Trained and supervised campaign volunteers for phone-calling and canvassing
- Focused on establishing strong visible representation of support for the campaign by writing letters-to-the-editor (and encouraging volunteers and community members to do the same) and distributing of signs in the district
- Skills & Programs Used: *Votebuilder, Google Sheets/Excel, Consistent Phone & Email Communication, Zoom*

Physical Health Peer Educator, *St Olaf Wellness Center (Northfield, MN)* — Fall 2019-2022

- Presented public health topics to students on campus once a month (roughly hour-long presentations on a particular public health topic given to 25-45 students); presented both on zoom and in-person
- Acted as an on-campus resource for students wishing to talk about issues including mental health, physical health, sexual health and safety regarding alcohol and other drugs and connected students to relevant campus resources
- Conducted student outreach efforts to inform the general student body about health-related resources on campus

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- Interviewed applicants for future positions in the Wellness Center

LEADERSHIP & COMMUNITY EXPERIENCE

RARE AmeriCorps Member, *Year 29 (Sept 2022-July 31)*

- Attended 3 project management multi-day trainings that focus on project management, DEIA implementation, purpose-driven approaches, building trust in rural communities,
- Have spent 20% of total work hours on professional development. Including a grant-writing certification course, RARE trainings, conferences (will be attending the FORTH Roadmap conference this spring), and networking events.
- Connected to 500+ RARE alumni in OR.

Democratic Primary Campaign Intern in New Hampshire, *Campaign Volunteer for Pete Buttigieg (Jan. 2020)*

- Worked to increase voter outreach for the Buttigieg campaign prior to the 2020 primary
- Provided training to new volunteers and assisted in collecting and compiling voter data through canvassing and phone calling as well as assisted in administrative roles such as drafting newsletter templates

COLLEGIATE EXTRACURRICULARS

St. Olaf Rowing Club: *Commodore (2021-2022; member since 2019)*

- Responsible for coordinating members' schedules for rowing events
- Coordinated recruitment activities for the club and engaging current members in team events

College Democrats/DFL & Chelan County Democrats: *Canvasser, Precinct Committee Officer (2018-2022)*

- Canvassed during the 2018 election season to 'Get Out The Vote' and relayed candidate information to voters
- Met with segments of the Northfield/Dundas community and with diverse groups of people on the St. Olaf campus
- Attended Democratic party meetings and served as Delegate for the WA State Democratic Convention

St Olaf *Rebuttal* Publication: *Staff Writer (2020-2022)*

- Selected as one of two Staff Writers for the yearly St. Olaf publication: *Rebuttal*
- Wrote on topical issues—relating to policy and ideology—and argued *for* and/or *against* any particular standpoint

Pi Sigma Tau - Philosophy Honor Society: *Treasurer (2021-2022; member since 2019)*

- Coordinated budget for PST and organized and planned member induction, philosophy colloquium and faculty presentations

Pi Sigma Alpha – Political Science Honor Society: *Treasurer (2021-2022; member since 2020)*

- Coordinated budget for PSA and organized and planned member induction and facilitated invitation for spring Political Science speaker

St. Olaf College Athletic Center Recreation Classes*: Yoga Instructor (2021-2022)*

- Certified as a yoga instructor through a NETA certification course and led free yoga classes four nights a week for student of all abilities and experience levels
- Worked closely with both the Athletic Center and the Wellness Center to increase awareness of free physical wellbeing programming on campus

Recent Reading List (books that may be relevant to this position): *Reimagining Capitalism in a World on Fire, Local is the Future, Home Economics, The Death and Life of Great American Cities, The Unsettling of America, Creating Wealth: Growing Local Economies with Local Currencies, The Wizard and the Prophet, The Economists' Hour, Zen and the Art of Motorcycle Maintenance, Into The Wild, After Nature, The Mushroom at the End of the World, The Organic Machine, Encounters with the Archdruid, The Essential Urban Farmer, Introduction to Urban Science, The Dawn of Everything, A Climate Scientists Case for Hope, Impact Networks, Stolen Focus, The First Oregonians, Local Dollars Local Sense,*



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PO Box 940, Tillamook, Oregon 97141 // Ex. 6 - Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

A creative communicator who researches, writes, and tells stories to connect, resonate, and motivate diverse audiences. A community convener who brings people and organizations together for sustainable transformation. A keen observer who cultivates curiosity and thinks strategically to problem-solve and create meaningful change for the good of all humans and the environment.

Skills

- Writing & editing
- Internal communications
- Public & media relations
- Network leadership
- Community engagement
- Stakeholder relations
- Public speaking
- Workshop presentation
- Group facilitation
- Branding
- Content creation
- CMS & web administration
- Newsletters
- Social media strategy
- Graphic design
- Photography
- Illustration
- Project management
- Research

Expertise

- Sustainable tourism
- Destination management
- Climate resiliency
- Public art
- Public restrooms
- Accessible travel
- Communication strategy
- Active listening

Experience

Industry Communications Coordinator
Oregon Coast Visitors Association
January 2023 to present

- design and execute an effective business to business and agency to agency communications strategy to support the Oregon Coast's tourism industry
- master the voice of the Oregon Coast Visitors Association (OCVA) in the written and spoken word
- champion the power of tourism to non-industry members
- convey the impact and opportunity of OCVA's programming
- create a desire for industry stakeholders to engage and participate in OCVA initiatives
- develop an understanding of industry perspectives and priorities

North Coast Tourism Management Network Manager
Oregon Coast Visitors Association
November 2020 to December 2022

- cultivated high quality relationships and collaborations
- worked with tourism organizations, industry stakeholders and network participants to increase the economic, social and environmental benefits of tourism in the region
- developed internal and external communication strategies
- connected with network participants to understand their work and their organization goals and needs
- identified patterns, assessed broader regional needs, communicated opportunities, created plans, facilitated collaboration, and held partners accountable to accomplish network projects and implement regional priorities
- kept network conversations vibrant and alive by recruiting, onboarding, and engaging new network participants
- designed and facilitated network convenings

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Education

B.A. Communications
Moody Bible Institute
Chicago, Illinois
June 2006

Graduate Certificate in Spiritual Direction
North Park Theological Seminary
Chicago, Illinois
July 2019

Volunteering

Actor
Gallery Theater
McMinnville, Oregon

Youth worker
McMinnville Youth Collective
McMinnville, Oregon

Communications consultant
Emergency Volunteer Corps of Nehalem Bay
Nehalem, Oregon

Community gardener
Alder Creek Farm / Lower Nehalem Community Trust
Nehalem, Oregon

Experience (continued)

Oregon Coast Public Art Trail
Oregon Coast Visitors Association
November 2019 to December 2020

Tillamook Bay Heritage Route
Oregon Coast Visitors Association
September 2019 to August 2020

Columnist
Tillamook County Pioneer
June 2020 to November 2020

Communications Consultant
Alder Grove Media
February 2012 to August 2019

Training/HR Systems Administrator
Tillamook Cheese
April 2011 to January 2012

Corporate Communications & Employee Training
Tillamook Cheese
January 2010 to April 2011

Public Relations & Web Administration
Moody Ministries
June 2006 to January 2010

Alumni Communications
Moody Ministries
September 2002 to August 2005







BIOGRAPHICAL SKETCH

NAME: Ex. 6 Personal Privacy (PP)

POSITION TITLE: Climate Consultant

A. EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE	Completion Date	FIELD OF STUDY
University of California, Santa Cruz, CA	B.S.	2012	Molecular, Cell, and Developmental Biology
NYU School of Medicine, New York, NY	Ph.D.	2020	Immunology and Inflammation

B. PERSONAL STATEMENT

I am scientist, speaker, and climate consultant empowering small business, organizations, and communities into meaningful and impactful climate action. Using emerging technologies, behavior change, and nature-based solutions, I bring science literacy to decision making and help organizations prioritize impactful mitigation and adaptation strategies. I specifically focus on solutions with emission reduction potential, adaptability, that safeguard nature, have reach, ambition, empower people, and that are catalysts for change. I work internationally but focus on the California and Oregon Coast.

I have experience in climate resilience and scenario planning, climate standards and criteria consulting, the calculation of scope 1, 2, and 3 emissions, basic risk analysis, and scientific literature review.

I am also experienced managing grant funding having received a three-year grant for $270,000 (Ruth L. Kirsc-hstein National Research Service Award 2016-2018)

Lastly, I am skilled in outreach and community engagement. As a climate consultant I have spoken at conferences and workshops throughout California and Oregon. I am the host of The Disobedient Scientist Podcast and am frequently a guest on other podcasts and radio shows. I am experienced interviewing key opinion leaders and scientific experts. I also currently co-manage two groups in the climate tech space.

C. Example Work (up to 5)

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Ex. 6 Personal Privacy (PP) Autophagy proteins suppress protective type I interferon signaling in response to the gut microbiota. Nat Microbiol. 2018 Oct;3(10):1131-1141. PMC6179362

Ex. 6 Personal Privacy (PP)

Principal. Landscape Architect

Ex. 6 Personal Privacy (PP) is a landscape architect and landscape ecologist whose practice is grounded in collaboration, justice and equity, and a passion for translating complex science-driven analyses into design outcomes which uplift our shared public spaces. His qualifications emphasize the use of equitable community engagement supported by geospatial data and quantitative modeling to deliver environmental justice, estimate ecological performance, and integrate socio-ecological thinking into project work at multiple scales. His experience leading large collaborative groups working on complex planning, design, landscape architectural and environmental justice projects is an asset to a variety of clients and teams. Combining an experimental and explorative process with strong qualifications in design and planning, he leverages progressive, theoretical methods to support a more just, equitable and resilient culture within a rapidly changing environment.

Relevant Experience

Regional Habitat Connectivity Strategic Action Plan Equity Integration, Portland Metro Area, OR
Client: Regional Habitat Connectivity Working Group
Ex. 6 Personal Privacy (PP) was Principal in Charge for Knot's work with Multicultural Collaborative leading an equity audit for RHCWG, a partnership of federal, regional, and local agencies, non-profits, academics, and individuals convened to elevate and advocate for habitat connectivity in the region. The team's work included thoroughly reviewing RHCWG's Strategic Action through a custom Equity Lens, meeting with key stakeholders to discuss and resolve equity related concerns, and developing a framework for future community engagement focused on BIPOC communities most likely to be the most impacted.

2019 Bond Refinement Information Synthesis, Portland Metro Area, OR
Client: Metro
Ex. 6 Personal Privacy (PP) worked with the Metro Protect and Restore Program Manager to develop an approach to synthesize information collected in 24 ecological assessments and to present this material to the public during Phase 2 of the Bond Refinement. This project included the development of a custom Environmental Justice lens which identifies communities with the highest levels of vulnerability, the highest level of environmental burdens, the and the lowest access to nature for prioritization, outreach and engagement.

2019 Bond Refinement Urban Target Area Stakeholder Engagement, Portland Metro Area, OR
Client: Metro

Oregon Household Activities Survey, Portland, OR
Client: RSG / Oregon Modeling Statewide Collaborative

Community Choice Grants Participatory Budget Pilot Project
Client: Metro

Oregon Coast Food Systems Assets Analysis
Client: Oregon Coast Visitors Association (OCVA)

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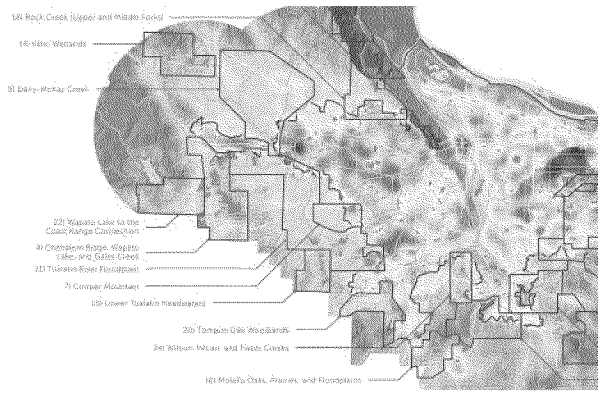

Education

Master of Landscape Architecture,
The University of Michigan

Bachelor of Science,
The University of Michigan

Licenses

Landscape Architecture, Oregon #936

Affiliations

ASLA, American Society of Landscape Architects

IALE, International Association of Landscape Ecology

Hoyt Arboretum, Board Member

Statewide Comprehensive Outdoor Recreation Plan, Advisory Council Member

Contact

MYun@knot.design

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Ex. 6 Personal Privacy (PP)

Associate Landscape Ecologist

Ex. 6 Personal Privacy (PP) is an experienced Project Manager, as well as a recreation and landscape planner, ecologist, and landscape designer, with expertise working on complex parks and open space projects. His approach is rigorous, creative, and collaborative, bridging the traditional division between culture and natural systems into a socio-ecological framework. He carries professional experience as a practitioner of restoration ecology and conservation biological research, and has a proven record of leveraging spatial and quantitative data to their highest and best use solving real-world problems. On the site scale, Ex. 6 Personal Privacy (PP) has a sensitive eye for building functional landscapes that achieve distinctive place-making and memorable human experience. Over the last few years, Ex. 6 Personal Privacy (PP) has been key to Knot Studio's approach to using spatial analytical tools to help public clients for stronger community connections through better understanding of the issues of diversity, equity, and inclusion (DEI).

Relevant Experience

Oregon Coast Food Systems Assets Analysis
Client: Oregon Coast Visitors Association (OCVA)

Oregon Household Activities Survey, Portland, OR
Client: RSG / Oregon Modeling Statewide Collaborative

Community Choice Grants Participatory Budget Pilot Project
Client: Metro

CWS Equity, Diversity and Inclusion Workshop Series, Washington County, OR
Client: Clean Water Services

Justice, Equity, Diversity, and Inclusion Integration for Strategic Action Plan, Portland-Vancouver Region
Client: Regional Habitat Connectivity Working Group

Information Synthesis Environmental Justice Lens for the 2019 Bond Refinement, Portland Metro Area, OR
Client: Metro

Urban Target Area Ecological Assessment for the 2019 Bond Refinement, Portland Metro Area, OR
Client: Metro

Stakeholder Engagement for the 2019 Bond Refinement, Portland Metro Area, OR
Client: Metro

Parkpulse.io — Safe Access to Parks and Nature, State of Oregon
Client: OREC

Oregon State Parks State-wide Capacity Approach, State of Oregon
Client: OPRD

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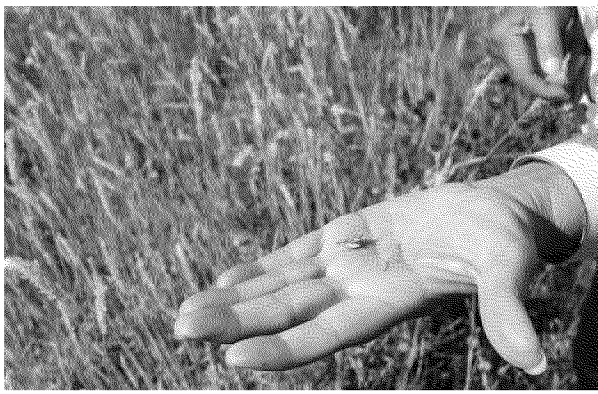

Education

Master of Landscape Architecture,
The University of Michigan

Master of Science, Conservation Ecology,
The University of Michigan

Bachelor of Arts, Comparative Literature,
Brown University

Affiliations

ASLA, American Society of
Landscape Architects

ESA, Ecological Society of America

Contact

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Ex. 6 Personal Privacy (PP)

Associate Environmental Graphic Designer

Working through the various stages of design, Ex. 6 Personal Privacy (PP) has a calming effect on her clients. Her quiet confidence instills trust that Ex. 6 Personal Privacy (PP) will carefully guide a project from inception to completion. As Knot's Senior Communication Designer, Ex. 6 Personal Privacy (PP) possesses patience, as she guides clients to decisions through her own extensive education and impeccable listening skills. Ex. 6 Personal Privacy (PP) collaborates with enthusiasm and is known for her dedication to craft. With the benefit of increasingly advanced software and computer aided design, Ex. 6 Personal Privacy (PP) moves seamlessly between the physical and built environment and digital/virtual realms. Her eye for design and attention to detail and her ability to assemble large projects into a unified theme, like pieces of a puzzle, are the result of Ex. 6 Personal Privacy (PP) methodical approach to each project. Of equal importance, Ex. 6 Personal Privacy (PP) relies on her innate listening skills as she reaches common ground with every client.

Relevant Experience

Oregon Coast Food Systems Assets Analysis
Client: Oregon Coast Visitors Association (OCVA)

Cultural Heritage and Healing Garden at Lone Fir Cemetery, Portland, OR
Client: Metro

2019 Bond Refinement Urban Target Area Stakeholder Engagement
Client: Metro

2019 Bond Refinement Information Synthesis
Client: Metro

Parkpulse.io — Safe Access to Parks and Nature, State of Oregon
Client: OREC

Oregon Coast Trail Alignment Mapping
Client: Oregon Coast Visitors Association (OCVA)

Pacific Northwest Trail Alignment Mapping, Montana, Idaho, Washington
Client: Pacific Northwest Trail Association

Fairfax County Park Authority Recreation Center and Golf Course Signage
Design, Fairfax County, VA
Client: Fairfax County Park Authority

Times Square Urban Design Study, New York, NY
Client: Times Square Alliance

East 4th Street Cultural District Streetscape, New York, NY
Client: Fourth Arts Block

Ariel Sharon Park, Tel Aviv, Israel
Client: Park Ariel Sharon, Ltd.

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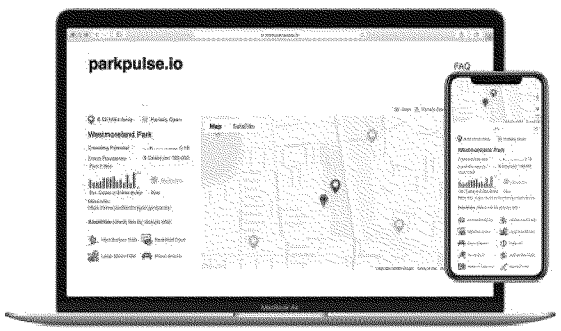

Education

Bachelor of Fine Arts – Communication Design, *magna cum laude,* The University of Connecticut

Affiliations

AIGA, American Institute of Graphic Arts

SEGD, Society for Experiential Graphic Design

Contact

Ex. 6 - Personal Privacy (PP)

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Experience

Forth

Senior Program Manager July 2021 - Present

- Oversee programs to increase access to electric vehicles, including programs to increase access through carshare, gig driver electrification, and reducing financial barriers to electric vehicle adoption
- Manage Forth's outreach and education program to increase awareness of electric vehicles across the Pacific Northwest
- Provide supervision and mentorship to a team of managers and associates to ensure programs are delivered on time and on budget while also prioritizing staff development

Program Manager August 2018 - July 2021

- Lead and develop demonstration projects which support electric vehicle consumer engagement and adoption, including the U.S. Department of Energy funded Clean Rural Shared Electric Mobility Project
- Spearhead workplace engagement programs in the Pacific Northwest, including employer outreach and education about EVs and workplace charging and launching the Electric Vehicle Adoption Leadership certification program
- Provide supervision and guidance to staff and interns, overseeing programs and overall professional development
- Improve organizational efficiency and collaboration while taking on more reports and serving as interim representative on Leadership Team
- Manage organization's role as backstop aggregator for Oregon Clean Fuels Program, including implementing over
- $1.5 million in programs and management of regional subcontractors
- Lead and develop utility engagement programs in the Pacific Northwest, with a focus on rural Oregon
- Present on best practices and grow organization's reputation at conferences and events

Community Engagement Specialist, AmeriCorps Member September 2017 - July 2018

- Provide education and outreach about electrified and shared mobility
- Support efforts to increase access to clean transportation options for traditionally underserved communities
- Design and implement curriculum about electric vehicles for youth.

Tualatin Hills Parks and Recreation

Environmental Education Instructor April 2016 - August 2017

- Lead outdoor education programs and nature hikes
- Review and evaluate new and existing programs to determine their efficiency and effectiveness, and recommend modifications

Portland State University

Graduate Teaching Assistant August 2015 - June 2017

- Lead discussion and teach undergraduate laboratory sections
- Evaluate and grade exams, assignments, and papers and record grades

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Education

Master of Environmental Management, Portland State University 2017

Affiliations

- President/Boardmember, Solar Oregon
- B Corp Certification Assistant
- Certified Master Recycler

Publications

- A Utility Planning Guide: PNW Consumer - Owned Electric Utility Strategies for the Rise of Transportation Electrification, April 2020
- EV Cost Benefit Study Summary: Electric Vehicle Costs and Benefits for BPA Full Requirements Customers, April 2020
- Energy Provider Actions on Electric Transportation, EVS32 International Electric Vehicle Symposium, May 2019
- Electrification Strategies for Electric Utilities, January 2019

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)@forthmobility.org

Experience

Forth

Program Manager Mar 2020 - Present

- Project Lead for Electric Tractor Pilot Program
  - Negotiate contracts and MOUs with partners and participants
  - Responsible for the program budget and financial tracking
  - Stakeholder and partner relationship-building, as well as farm outreach and involvement
  - Purchasing and fleet management of additional assets
- Project Lead for Shared Mobility and Fair Financing Pilot Programs
  - Coordinated with a variety of stakeholders including TNC companies, utilities, public policy groups, state and local governments and drivers
  - Maintained data sets and budgets

Lime

Market Operations Manager/ Launcher May 2018 – Dec 2019

- Successfully planned, launched and maintained the Portland area scooter pilot for Lime
  - Built a strong team of managers to maintain a high level of productivity, efficiency and safety
  - Efficiently used various types of data tools to track and consistently improve market performance
  - Built, managed, and maintained a new internal website "Exchange" with WordPress and Formidable Forms
  - Streamlined strategic initiative creation and processes

CitiBike NYC

Deployment Operations Manager Oct 2016 - May 2018

- Led management team for the department; responsible for the successful and effective management labor, productivity, quality control and safety measures
  - Primary point of contact for NYCDOT on bikeshare placement
  - Led annual bikeshare expansion projects that doubled total program coverage within NYC
  - Created an held managers accountable for quarterly KPI's to maintain a high level of efficiency

Education

Fordham University
Bachelor of Arts - Communications and Media Management
St. Vincent's Catholic Medical Center
New York State DOH Approved Paramedic Program

Skills

Excellent communication, management, people skills; Dedicated team skills with a strong ability to follow directions and take charge of situations.

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) @forthmobility.org

Experience

Forth
Program Manager II (2022-present) **Portland, OR**

- Develop and manage Forth's Mobile Showcase Program - Lead and Manage a series of Forth led consumer outreach and engagement efforts focused on electric vehicles awareness events across the Pacific Northwest.
- Draft proposals and support staff in preparing RFP responses in collaboration with Forth's business development team
- Supervise and mentor 1-2 Direct Reports and volunteers

Black Food Sovereignty Coalition
Electric Vehicle Consultant (2020-present) **Portland, OR**

- Advise and design plans for electrifying the equipment for black farms
- Work with multiple organizations and grant writers to accomplish goals and set standards

Catlin Gabel School **Portland, OR**
Inclusivity Coordinator, PFA (2020-present)

- Lead planner for the Heritage Day festival. Organize, supervise and communicate with members of the Heritage Day committee and, which is one of the largest events at the school. Host meetings and bring fluid decision making to pandemic challenges.
- Plan, develop, and market diversity and inclusion-focused education, programs, and events for faculty, staff, students, and families.
- Work with marketing staff to publicize diversity-related events, education opportunities, workshops, etc. for students, faculty, families, and the local community.

Basketball Coach (1997-present) **Stamford, CT. Johannesburg, South Africa. Scarsdale, NY, Portland, OR**

- For the past 20+ years I've held a variety of paid and volunteer K-12 basketball coaching positions in private and public schools and recreational leagues.

Education

B.S.ED, History
Central Connecticut State University, New Britain, CT Honors:
NCAA Div. I Basketball team Co-Captain, Mid-Continent Conf. All-American Academic Team; Scholar Athlete Award.

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Ex. 6 Personal Privacy (PP)

Transportation Options Specialist

Contact

Ex. 6 Personal Privacy (PP)

Seaside, OR

Ex. 6 - Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)@ridethebus.org

Education

University of Rhode Island,
West Kingston, Rhode Island
BA Majors: Political Science and Philosophy
Minor: German

Executive Member of Student Government, Self-designed Study abroad semester in Germany-focusing on transitional effects of reunification

Attended 1987-91
Graduated 1991

Objective

Work to further collaborative efforts that benefit the community by reducing the effects of green-house gas emissions, congestion, and adoption of emerging technologies. I strive to find ways around challenges toward solutions. Build community through positive action that reinforces behavior change to improve the well-being of current and future users of transportation systems and programs.

Experience

OCT 2019 - PRESENT

TRANSPORTATION OPTIONS SPECIALIST • Develop and implement program outreach and education. This includes organizing meetings with employers and community groups as well as organizing events to present the TO program. Carry out related mode specific activities, establish and communicate the strategic plan for outreach. Develop partnerships with businesses, local community groups, advocacy groups and the neighboring Transit Districts (Columbia and Tillamook Counties) to help build interest in the program • Sunset Empire Transportation District

FEB 1997 – SEPT 2019

OWNER/MANAGER • Chief designer of boutique line of clothing in charge of design-ordering-manufacturing-importing. Established brand and operated two boutique retail locations, managing hiring of employees, payroll, inventory management, special promotional events, marketing, website, sales reports, and day to day operations • La Luna Loca

During the twenty-two years of establishing La Luna Loca I was able to build customer following by creating a business on the foundation of respect and fair trade before it became a catch phrase. Long standing relationships with producers of the artisan clothing and goods was the cornerstone to build equally strong relationships with customers. Quality and connection sustained what from the outside was a retail clothing boutique, and on a deeper level was a bridge to cultural appreciation. It has been a privilege to translate the work and mission of La Luna Loca into the work I do now building relationships in the Transportation Options program.

Key Skills

Analytical thinking and planning
Problem solving
Attention to detail
Strong communications
Ability to adapt and learn
Fluent in Spanish and German

Communication

Due to the pandemic related meeting restrictions, many struggled to continue outreach activities. The idea for LIVE Facebook events was born. I have co-hosted a weekly show all about transportation options. Introducing the concept that transportation choices are connected to everyone and everything we do. The show has been a great success. Technology presents us with an opportunity to reach people in different ways to create programming for harder to engage communities.

Leadership

Sunset Empire Transportation District Board Commissioner- 7 yrs.
Special Districts Association of Oregon Board Director- 5 yrs.
NorthWest Area Commission on Transportation Member- 8 yrs.
Clatsop Economic Development Resource- Small Business Entrepreneur Award 2016
Special District Association of Oregon Academy Graduate
Transportation Options Group of Oregon Board member – 2 yrs.

References

Available upon request

Request for Copy

Secretary of State - Corporation Division - 255 Capitol St. NE, Suite 151 - Salem, OR 97310-1327 - sos.oregon.gov/business - Phone: Ex. 6 - Personal Privacy (PP)

Copy Request Fax: Ex. 6 - Personal Privacy (PP)

Print Form

Reset Form

REQUESTER INFORMATION:

Name of Requester:

Marcus Hinz

Mailing Address: (Street Address or PO Box) (City, State) (Zip Code)

PO Box 940 Tillamook, Oregon 97141

Area Code and Phone Number:

Ex. 6 - Personal Privacy (PP)

ENTITY NAME/REGISTRY NUMBER: Information is located at http://sos.oregon.gov/bizsearch

Entity Name: OREGON COAST VISITORS ASSOCIATION, Registry Number: 586160-88

DOCUMENT FILE REQUEST:

Choose appropriate document type and if you are ordering certified or plain copies.

☐ **Document File** (The original filing and any supplemental filings.)

☐ Certified Copy ($15 each) or ☒ Plain Copy ($5 each)

Assumed Business Name File (The original application and any additional filings.)

☐ Certified Copy ($15 each) or ☐ Plain Copy ($5 each)

Specific documents are any document including annual reports (January 2003 forward) and registered agent changes.

SPECIFIC DOCUMENT REQUEST:

☒ **Specific Document** Articles of Incorporation from 08-01-1997

Certified Copy ($15 each) or ☒ Plain Copy ($5 each)

☐ **If document is going out of the Country:** (Additional $10 for Authentication) What Country?

DELIVERY: Choose Delivery Option(s) (Please note that there is a separate charge per delivery.)

☐ Pick up in person. ☒ Mail to above address.

☐ Fax: (**USA Only** - Area Code & Fax Number) *Certified copies cannot be faxed.*

For all overnight/express service delivery, a prepaid airbill must be provided.

METHOD OF PAYMENT:

◯ Check/Money order is included. (Make payable to Corporation Division.)

◯ MasterCard ◉ VISA ◯ Discover

CREDIT CARD NUMBER: **Ex. 6 Personal Privacy (PP)**

◯ American Express

CREDIT CARD NUMBER:

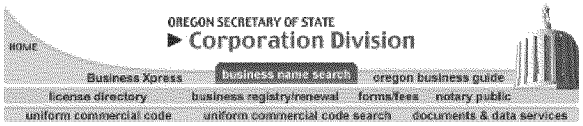
Expiration Date: Ex. 6 Personal Privacy (PP)

Cardholder Name: Marcus Hinz

Billing Address: PO Box 940

City, State, Zip Code: Tillamook, Oregon 97141

Phone Number: Ex. 6 - Personal Privacy (PP)



Business Name Search

New Search | Printer Friendly

Business Entity Data

04-14-2023 12:10

Registry Nbr	Entity Type	Entity Status	Jurisdiction	Registry Date	Next Renewal Date	Renewal Due?
586160-88	DNP	ACT	OREGON	08-01-1997	08-01-2023	

Entity Name	OREGON COAST VISITORS ASSOCIATION, INC.
Foreign Name	
Non Profit Type	MUTUAL BENEFIT WITH MEMBERS

New Search | Printer Friendly

Associated Names

Type	PPB	PRINCIPAL PLACE OF BUSINESS						
Addr 1	Ex. 6 Personal Privacy (PP)							
Addr 2								
CSZ	OCEANSIDE	OR	97134		Country	UNITED STATES OF AMERICA		

Please click here for general information about registered agents and service of process.

Type	AGT	REGISTERED AGENT			Start Date	04-12-2013	Resign Date	
Name	MARCUS			HINZ				
Addr 1	Ex. 6 Personal Privacy (PP)							
Addr 2								
CSZ	OCEANSIDE	OR	97134		Country	UNITED STATES OF AMERICA		

Type	MAL	MAILING ADDRESS						
Addr 1	PO BOX 940							
Addr 2								
CSZ	TILLAMOOK	OR	97141		Country	UNITED STATES OF AMERICA		

Type	PRE	PRESIDENT					Resign Date	
Name	SCOTT			HUMPERT				
Addr 1	801 SW HWY 101 STE 401							
Addr 2								
CSZ	LINCOLN CITY	OR	97367		Country	UNITED STATES OF AMERICA		

Type	SEC	SECRETARY					Resign Date	
Name	JEREMY			STROBER				
Addr 1	PO BOX 293							
Addr 2								
CSZ	PACIFIC CITY	OR	97135		Country	UNITED STATES OF AMERICA		

New Search | Printer Friendly

Name History

Business Entity Name	Name Type	Name Status	Start Date	End Date
OREGON COAST VISITORS ASSOCIATION, INC.	EN	CUR	08-01-1997	

Please read before ordering Copies.

New Search | Printer Friendly

Summary History

Image Available	Action	Transaction Date	Effective Date	Status	Name/Agent Change	Dissolved By
	AMENDED ANNUAL REPORT	07-21-2022		FI		
	AMENDED ANNUAL REPORT	07-06-2021		FI		
	AMENDED ANNUAL REPORT	06-29-2020		FI		
	AMENDED ANNUAL REPORT	06-27-2019		FI		
	AMENDED ANNUAL REPORT	07-02-2018		FI		
	AMENDED ANNUAL REPORT	08-15-2017		FI		
	AMNDMT TO ANNUAL RPT/INFO STATEMENT	02-28-2017		FI		
	AMENDED ANNUAL REPORT	08-16-2016		FI		
	AMENDED ANNUAL REPORT	08-18-2015		FI		
	AMENDED ANNUAL REPORT	08-07-2014		FI		
	AMENDED ANNUAL REPORT	07-12-2013		FI		
	AMNDMT TO ANNUAL RPT/INFO STATEMENT	04-12-2013		FI	Agent	
	AMENDED ANNUAL REPORT	07-19-2012		FI		
	AMENDED ANNUAL REPORT	06-30-2011		FI		
	AMENDED ANNUAL REPORT	06-24-2010		FI	Agent	
	AMENDED ANNUAL REPORT	06-23-2009		FI		
	AMENDED ANNUAL REPORT	07-14-2008		FI		
	AMENDED ANNUAL REPORT	08-07-2007		FI	Agent	
	ANNUAL REPORT PAYMENT	06-29-2006		SYS		
	ANNUAL REPORT	06-28-2005		FI		
	ANNUAL REPORT PAYMENT	07-22-2004		SYS		
	ANNUAL REPORT PAYMENT	06-25-2003		SYS		
	ANNUAL REPORT PAYMENT	07-08-2002		SYS		
	ANNUAL REPORT PAYMENT	07-20-2001		SYS		
	AMENDED RENEWAL	09-19-2000		FI		
	AMENDED RENEWAL	09-20-1999		FI		
	STRAIGHT RENEWAL	07-10-1998		FI		
	CHANGED RENEWAL	07-10-1998		FI		
	NEW	08-01-1997		FI		
	NEW FILING	08-01-1997		FI		

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XC 67 201206 670 9340 K 29404-322-52527-2 A0097967 211A
201250 163441 97365 IRS USE ONLY 911826399 TE 3

Department of the Treasury
Internal Revenue Service
Ogden UT 84201

For assistance, call:
Ex. 6 - Personal Privacy (PP)

Notice Number: CP211A
Date: December 24, 2012

Taxpayer Identification Number:
91-1826399
Tax Form: 990
Tax Period: June 30, 2012

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OREGON COAST VISITORS ASSOCIATION
INC
PO BOX 74
NEWPORT OR 97365-0017

038767

APPLICATION FOR EXTENSION OF TIME TO FILE AN EXEMPT ORGANIZATION RETURN - APPROVED

We received and approved your Form 8868, Application for Extension of Time to File an Exempt Organization Return, for the return (form) and tax period identified above. Your extended due date to file your return is **February 15, 2013.**

When it's time to file your Form 990, 990-EZ, 990-PF or 1120-POL, you should consider filing electronically. Electronic filing is the fastest, easiest and most accurate way to file your return. For more information, visit the Charities and Nonprofit web at www.irs.gov/eo. This site will provide information about:

- The type of returns that can be filed electronically,
- approved e-File providers, and
- if you are required to file electronically.

If you have any questions, please call us at the number shown above, or you may write us at the address shown at the top of this letter.

16. We have complied with all restrictions on resources (including donor restrictions) and all aspects of contractual and grant agreements that would have a material effect on the financial statements in the event of noncompliance. This includes complying with donor requirements to maintain a specific asset composition necessary to satisfy their restrictions.

17. We believe significant assumptions used by us in making accounting estimates, including those measured at fair value, are reasonable in the circumstances.

18. We are in agreement with the adjusting journal entities, if any, you have recommended, and they have been posted to the entity's accounts.

19. No events have occurred subsequent to the date of the financial statements and through the date of this letter that would require adjustment to or disclosure in the aforementioned financial statements.

20. We have responded fully and truthfully to all inquiries made to us by you during your review.

21. In regard to the adjusting journal entries, capital assets, 990 schedule, financial statements, and related notes services performed by you, we have -

- Assumed all management responsibilities.
- Overseen the services by designating an individual who possesses suitable skill, knowledge, and/or experience.
- Evaluated the adequacy and results of the services performed.
- Accepted responsibility for the results of the services.

Signed: _____

Title: Treasurer
Board Director

You are also responsible for all management decisions and responsibilities and for designating an individual with suitable skills, knowledge, and experience to oversee my preparation of your financial statements. You are responsible for evaluating the adequacy and results of the services performed and accepting responsibility for such services.

In preparing the financial statements and notes based on the information in the trial balance, I may propose adjusting entries or other changes affecting the financial statements. These are considered nonattest services. I also will prepare the federal Form 990 for the fiscal year ending June 30, 2017, and capital asset schedule, also nonattest services.

My Report

I will issue a written report upon completion of my review of the Association's financial statements. My report will be addressed to the board of directors of the Association. I cannot provide assurance that an unmodified accountant's review report will be issued. Circumstances may arise in which it is necessary for me to report known departures from accounting principles generally accepted in the United States of America, add an emphasis-of-matter or other-matter paragraph, or withdraw from the engagement. If, for any reason, I am unable to complete the review of your financial statements, I will not issue a report on such statements as a result of this engagement.

Other Relevant Information

Signe Grimstad is the engagement partner and is responsible for supervising the engagement and signing the report or authorizing another individual to sign it.

My contract fee is based on anticipated cooperation from your personnel and the assumption that unexpected circumstances will not be encountered during the work performed. If significant additional time is necessary, I will discuss it with you and arrive at a new fee before I incur the additional costs. My office will bill work in progress with delivery of the draft report. In accordance with my firm policies, work may be suspended if your account becomes sixty days or more overdue and will not be resumed until your account is paid in full. If I elect to terminate my services for nonpayment, my engagement will be deemed to have been completed upon written notification of termination, even if I have not completed my report. You will be obligated to compensate me for all time expended and to reimburse me through the date of termination.

I appreciate the opportunity to be of service to you and believe this letter accurately summarizes the significant terms of my engagement. If you have any questions, please let me know. If you acknowledge and agree with the terms of my engagement as described in this letter, please sign the enclosed copy and return it to me.

Sincerely,

GRIMSTAD & ASSOCIATES

Signe Grimstad
Certified Public Accountant

ACKNOWLEDGED:
This letter correctly sets forth the understanding of Oregon Coast Visitors Association, Inc.

TREASURER
Boardmember

5/15/18
Date

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Prince William Sound Science and Technology Institute

Address: 1000 Orca Rd.

City: Cordova

State: AK: Alaska Zip Code: 99574

B. Unique Entity Identifier (UEI): G6JKKYPL84S3

C. Applicant/Recipient Point of Contact

Name: Alysha Cypher

Phone: Ex. 6 - Personal Privacy (PP)

Email: acypher@pwssc.org

Title: Postdoctoral Researcher

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

None

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☐ Yes ☒ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☐ Yes ☒ No

c. **Does the notice identify a designated civil rights coordinator?** ☐ Yes ☒ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☐ Yes ☒ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☐ Yes ☒ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

No

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

No

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Robert W Campbell	Chief Financial Officer/President	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Mrs. First Name: Katrina Middle Name:
Last Name: Hoffman Suffix:

Title: Chief Executive Officer/President

Complete Address:

Street1: 1000 Orca Rd.
Street2:
City: Cordova State: AK: Alaska
Zip / Postal Code: 99574-0705 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:** Ex. 6 - Personal Privacy (PP)

E-mail Address: khoffman@pwssc.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: Mrs. First Name: Linnea Middle Name:
Last Name: Ronnegard Suffix:

Title: Finance Director

Complete Address:

Street1: 1000 Orca Rd.
Street2:
City: Cordova State: AK: Alaska
Zip / Postal Code: 99574-0705 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:** Ex. 6 - Personal Privacy (PP)

E-mail Address: lronnegard@pwssc.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: Mrs. First Name: Linnea Middle Name:
Last Name: Ronnegard Suffix:

Title: Finance Director

Complete Address:

Street1: 1000 Orca Rd.
Street2:
City: Cordova State: AK: Alaska
Zip / Postal Code: 99574-0705 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:** Ex. 6 Personal Privacy (PP)

E-mail Address: lronnegard@pwssc.org

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: Dr. First Name: Alysha Middle Name:

Last Name: Cypher Suffix:

Title: Postdoctoral Researcher

Complete Address:

Street1: 1000 Orca Rd.

Street2:

City: Cordova State: AK: Alaska

Zip / Postal Code: 99574-0705 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:** Ex. 6 - Personal Privacy (PP)

E-mail Address: acypher@pwssc.org

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier: Ex. 6 Personal Privacy (PP)

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Prince William Sound Science and Technology Institute

* b. Employer/Taxpayer Identification Number (EIN/TIN): 92-0129853

* c. UEI: G6JKKYPL84S3

d. Address:

* Street1: 1000 Orca Rd.

Street2:

* City: Ex. 6 Personal Privacy (PP)

County/Parish:

* State: AK: Alaska

Province:

* Country: USA: UNITED STATES

* Zip / Postal Code: 99574-0705

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Dr.

* First Name: Alysha

Middle Name:

* Last Name: Cypher

Suffix:

Title: Postdoctoral Researcher

Organizational Affiliation: Prince William Sound Science Center

* Telephone Number: Ex. 6 - Personal Privacy (PP)

Fax Number: Ex. 6 - Personal Privacy (PP)

* Email: acypher@pwssc.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Drying seaweed using waste heat: a proof of concept to build community resilience for food security and economic diversity in PWS, AK.

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: AK-001 * b. Program/Project: AK-001

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 * b. End Date: 11/01/2026

18. Estimated Funding ($):

* a. Federal	382,806.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	382,806.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Mrs. * First Name: Katrina

Middle Name:

* Last Name: Hoffman

Suffix:

* Title: Chief Financial Officer/President

* Telephone Number: Ex. 6 - Personal Privacy (PP) Fax Number: Ex. 6 - Personal Privacy (PP)

* Email: khoffman@pwssc.org

* Signature of Authorized Representative: Robert W Campbell * Date Signed: 04/14/2023

qA6hghObCYy8v+wWbsDIoqtMxmc=

Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Cypher_PWSSC

Application
New
2023-04-14
G6JKKYPL84S3
Prince William Sound Science and Technology Institute
92-0129853
G6JKKYPL84S3
1000 Orca Rd.
Cordova
AK: Alaska
99574-0705
USA: UNITED STATES

Dr.
Alysha
Cypher

Postdoctoral Researcher
Prince William Sound Science Center
EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
acypher@pwssc.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Drying seaweed using waste heat: a proof of concept to build community resilience for food security and economic diversity in PWS, AK.

AK-001
AK-001
2023-11-01
2026-11-01
382806.00
0.00
0.00
0.00
0.00
0.00
382806.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Mrs.
Katrina
Hoffman

Chief Financial Officer/President
EX. 6 - Personal Privacy (PP)
khoffman@pwssc.org
EX. 6 - Personal Privacy (PP)
Robert W Campbell
2023-04-14

1234-Itemized_budget_narrative.docx
application/vnd.openxmlformats-officedocument.wordprocessingml.document
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1235-PWSSC_Logic_model.docx
application/vnd.openxmlformats-officedocument.wordprocessingml.document
VexhhnVEsnHhonVA6JoNgrP3YOU=

1236-Appendix A_surveys.docx
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3bx/r0IfvLbKh0B/CVPUTRARwac=

1237-IRS 501 (c)(3) Ltrs of Determination.pdf
application/pdf
9fM87QIQ75sDFKIDBGuqKvrlPEY=

1238-IDC_rate_agreement.pdf
application/pdf
pSVkNlUkKi1/4m9WAGoR3X2c584=

1239-LOC_NOF.pdf
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1240-LOC_ROKC.pdf
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1241-LOC_PWSEDD.pdf
application/pdf

zAuduusafrq4So2gs+rUfUIbA94=

1242-Resumes_CVs_Project Team.pdf
application/pdf
uxy1Lbt4/avTgkNc/jAVXoP9GYk=

1243-equipment_quotes.pdf
application/pdf
Eib89NWVsREEgAUGSHymawpvO1U=

1244-LOC_CEC.pdf
application/pdf
wl4Gq752Ha9oy0zVZtKJoMCpX+Q=

Mrs.
Katrina
Hoffman

Chief Executive Officer/President
1000 Orca Rd.
Cordova
AK: Alaska
99574-0705
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
khoffman@pwssc.org

Mrs.
Linnea
Ronnegard

Finance Director
1000 Orca Rd.
Cordova
AK: Alaska
99574-0705
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
lronnegard@pwssc.org

Mrs.
Linnea
Ronnegard

Finance Director
1000 Orca Rd.
Cordova
AK: Alaska
99574-0705

USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
lronnegard@pwssc.org

Dr.
Alysha
Cypher

Postdoctoral Researcher
1000 Orca Rd.
Cordova
AK: Alaska
99574-0705
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
acypher@pwssc.org

1245-Project_Work_Plan.docx
application/vnd.openxmlformats-officedocument.wordprocessingml.document
Y5zeT4Axy0BHCeGT7g/ts/gRKxg=

1.0
66.306
151681.00
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151681.00
151681.00

52026.00
52026.00

18379.00
18379.00

69222.00
69222.00

12054.00
12054.00

151681.00

129399.00

101726.00

0.00

151681.00
129399.00
101726.00
0.00

299,417.00
83,389.00
Indirect Cost Rate is 30.67% and does not apply to Equipment.

Prince William Sound Science and Technology Institute
1000 Orca Rd.
Cordova
AK: Alaska
99574

G6JKKYPL84S3
Alysha Cypher
EX. 6 - Personal Privacy (PP)
acypher@pwssc.org
Postdoctoral Researcher
N: No
None
None

None
N: No
Y: Yes
N: No
N: No
N: No
N: No
N: No
No
No
Robert W Campbell
Chief Financial Officer/President
2023-04-14

qA6hghObCYy8v+wWbsDIoqtMxmc=
2023-04-14T12:07:09.000-04:00
Robert W Campbell
GRANT13861163

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United States Department of the Interior

OFFICE OF THE SECRETARY
Washington, DC 20240

Nonprofit Organization
Indirect Cost Negotiation Agreement

EIN: 92-0129853

Date: 12/30/2022

Organization:

Prince William Sound Science & Technology Institute,
dba Prince William Sound Science Center
P.O. Box 705
Cordova, Alaska 99574

Report Number: 2023-0003

Filing Ref.:
Last Negotiation Agreement
dated: 06/25/2018

The indirect cost rates contained herein are for use on grants, contracts, and other agreements with the Federal Government to which Public Law 93-638 and/or 2 CFR Part 200 apply subject to the limitations contained in Section II.A. of this agreement. The rates were negotiated by the U.S. Department of the Interior, Interior Business Center, and the subject organization in accordance with the authority contained in applicable regulations.

Section I: Rate

Start Date	End Date	Rate Type	Name	Rate	Base	Location	Applicable To
10/01/2020	09/30/2021	Final	Indirect	34.36 %	(A)	All	All Programs
10/01/2021	09/30/2022	Provisional	Indirect	34.36 %	(A)	All	All Programs
10/01/2022	09/30/2023	Provisional	Indirect	30.67 %	(A)	All	All Programs

(A) Base: Total direct costs, less capital expenditures and the portion of subawards in excess of the first $25,000.

Treatment of fringe benefits: Fringe benefits applicable to direct salaries and wages are treated as direct costs; fringe benefits applicable to indirect salaries and wages are treated as indirect costs.

Treatment of paid absences: Vacation, holiday, sick leave, and other paid absences are included in salaries and wages and are claimed on grants, contracts, and other agreements as part of the normal cost for the salaries and wages. Separate claims for the costs of these paid absences are not made.

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Section II: General

A. **Limitations:** Use of the rate(s) contained in this agreement is subject to any applicable statutory limitations. Acceptance of the rate(s) agreed to herein is predicated upon these conditions: (1) no costs other than those incurred by the subject organization were included in its indirect cost rate proposal, (2) all such costs are the legal obligations of the grantee/contractor, (3) similar types of costs have been accorded consistent treatment, and (4) the same costs that have been treated as indirect costs have not been claimed as direct costs (for example, supplies can be charged directly to a program or activity as long as these costs are not part of the supply costs included in the indirect cost pool for central administration).

B. **Audit:** All costs (direct and indirect, federal and non-federal) are subject to audit. Adjustments to amounts resulting from audit of the cost allocation plan or indirect cost rate proposal upon which the negotiation of this agreement was based will be compensated for in a subsequent negotiation.

C. **Changes:** The rate(s) contained in this agreement are based on the accounting system in effect at the time the proposal was submitted. Changes in the method of accounting for costs which affect the amount of reimbursement resulting from use of the rate(s) in this agreement may require the prior approval of the cognizant agency. Failure to obtain such approval may result in subsequent audit disallowance.

D. **Rate Type:**

1. Fixed Carryforward Rate: The fixed carryforward rate is based on an estimate of the costs that will be incurred during the period for which the rate applies. When the actual costs for such period have been determined, an adjustment will be made to the rate for a future period, if necessary, to compensate for the difference between the costs used to establish the fixed rate and the actual costs.

2. Provisional/Final Rate: Within six (6) months after year end, a final indirect cost rate proposal must be submitted based on actual costs. Billings and charges to contracts and grants must be adjusted if the final rate varies from the provisional rate. If the final rate is greater than the provisional rate and there are no funds available to cover the additional indirect costs, the organization may not recover all indirect costs. Conversely, if the final rate is less than the provisional rate, the organization will be required to pay back the difference to the funding agency.

3. Predetermined Rate: A predetermined rate is an indirect cost rate applicable to a specified current or future period, usually the organization's fiscal year. The rate is based on an estimate of the costs to be incurred during the period. A predetermined rate is not subject to adjustment.

E. **Rate Extension:** Only final and predetermined rates may be eligible for consideration of rate extensions. Requests for rate extensions of a current rate will be reviewed on a case-by-case basis. If an extension is granted, the non-Federal entity may not request a rate review until the extension period ends. In the last year of a rate extension period, the non-Federal entity must submit a new rate proposal for the next fiscal period.

F. **Agency Notification:** Copies of this document may be provided to other federal offices as a means of notifying them of the agreement contained herein.

G. **Record Keeping:** Organizations must maintain accounting records that demonstrate that each type of cost has been treated consistently either as a direct cost or an indirect cost. Records pertaining to the costs of program administration, such as salaries, travel, and related costs, should be kept on an annual basis.

H. **Reimbursement Ceilings:** Grantee/contractor program agreements providing for ceilings on indirect cost rates or reimbursement amounts are subject to the ceilings stipulated in the contract or grant agreements. If the ceiling rate is higher than the negotiated rate in Section I of this agreement, the negotiated rate will be used to determine the maximum allowable indirect cost.

I. **Use of Other Rates:** If any federal programs are reimbursing indirect costs to this grantee/contractor by a measure other than the approved rate(s) in this agreement, the grantee/contractor should credit such costs to the

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affected programs, and the approved rate(s) should be used to identify the maximum amount of indirect cost allocable to these programs.

J. **Other:**

1. The purpose of an indirect cost rate is to facilitate the allocation and billing of indirect costs. Approval of the indirect cost rate does not mean that an organization can recover more than the actual costs of a particular program or activity.

2. Programs received or initiated by the organization subsequent to the negotiation of this agreement are subject to the approved indirect cost rate(s) if the programs receive administrative support from the indirect cost pool. It should be noted that this could result in an adjustment to a future rate.

3. This Negotiation Agreement is entered into under the terms of an Interagency Agreement between the U.S. Department of the Interior and the cognizant agency. No presumption of federal cognizance over audits or indirect cost negotiations arises as a result of this Agreement.

4. Organizations that have previously established indirect cost rates—exclusive of the 10% *de minimis* rate—must submit a new indirect cost proposal to the cognizant agency for indirect costs within six (6) months after the close of each fiscal year.

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Section III: Acceptance

Listed below are the signatures of acceptance for this agreement:

By the Nonprofit Organization	By the Cognizant Federal Government Agency
Prince William Sound Science & Technology Institute, dba Prince William Sound Science Center	US Department of Commerce - NOAA
DocuSigned by: Linnea Ronnegard 1DE68A875EE348B...	DocuSigned by: Craig Wills B47DB1F4A5DB4BF...
Signature	Signature
Linnea Ronnegard Name:	Craig Wills Name:
Finance Director Title:	Division Chief Indirect Cost & Contract Audit Division Interior Business Center Title:
12/30/2022 Date	12/30/2022 Date

Negotiated by: Kasi Upchurch
Telephone: Ex. 6 - Personal Privacy (PP)

Next Proposal Due Date: 03/31/2023

April 14, 2023

Matthew Tejada, Deputy Asst. Administrator for Environmental Justice
U.S. Environmental Protection Agency
1200 Pennsylvania Avenue NW
Washington, DC 20004

Dear Dr. Tejada,

I am writing to express Prince William Sound Economic Development District's full support for and commitment to participate in the Prince William Sound Science Center's (PWSSC) proposal to catalyze development of kelp drying capacity for the emerging mariculture industry. The PWSSC's short and medium term solutions will address a critical bottleneck in kelp production, a rapidly growing industry in Cordova, and provide a needed solution to the community's climate change response and food security challenges.

Cordova is a remote, coastal Alaskan community that relies heavily on commercial fishing for both income and food security. Recent, repeated fisheries disaster declarations (2016 – 2020) are making clear to fishermen the need to diversify their income sources, given the effects they are seeing in their seafood harvests (smaller fish, declining numbers). Cordova's isolated location and high transportation costs make it difficult for residents to regularly access the fresh produce necessary to maintain a healthy diet.

To address these challenges, the community has begun exploring kelp farming as way to diversify its economy and provide a supplementary local food source. The number of kelp farm permits applied for over the past six years shows the significant interest in mariculture in Prince William Sound (PWS) waters. As of January 2022, the Alaska Dep. of Fish and Game reports eight permitted and 12 proposed commercial kelp farm sites in PWS, up from two permitted sites in October 2021.

Despite the industry's promising growth, PWS kelp farming is still in its infancy, and local processing capacity has yet to be developed for the kelp under cultivation. Independent, small-scale kelp farmers lack the resources to purchase and conduct the equipment-intensive research to experiment with drying and producing kelp products.

The PWSEDD will assist by drawing on our community network of mariculture stakeholders (40+ listserve subscribers) to engage business owners, tribal entities, education institutions and nonprofits in supporting development of business solutions for processing capacity, advertise community events, provide market information for the business viability analysis, and disseminate project results in PWS.

P.O. Box 1059, Cordova, Alaska 99574 Ex. 6 - Personal Privacy (PP) www.pwsedd.org
Serving the Sound communities of Chenega, Cordova, Tatitlek, Valdez & Whittier

Thank you for your consideration of this important project for our rural, underserved, coastal communities that will benefit small-scale, individual kelp farmers and help catalyze new business opportunities for our small towns.

Sincerely,

Kristin Carpenter

Kristin Carpenter
Executive Director

INTERNAL REVENUE SERVICE
DISTRICT DIRECTOR
2 CUPANIA CIRCLE
MONTEREY PARK, CA 91755-7406

DEPARTMENT OF THE TREASURY

Date:
JUL 15 1994

PRINCE WILLIAM SOUND SCIENCE &
TECHNOLOGY INSTITUTE
PO BOX 705
CORDOVA, AK 99574-0705

Employer Identification Number:
92-0129853
Case Number:
954187028
Contact Person:
TYRONE THOMAS
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)
Our Letter Dated:
August 31, 1990
Addendum Applies:
No

Dear Applicant:

This modifies our letter of the above date in which we stated that you would be treated as an organization that is not a private foundation until the expiration of your advance ruling period.

Your exempt status under section 501(a) of the Internal Revenue Code as an organization described in section 501(c)(3) is still in effect. Based on the information you submitted, we have determined that you are not a private foundation within the meaning of section 509(a) of the Code because you are an organization of the type described in section 509(a)(1) and 170(b)(1)(A)(vi).

Grantors and contributors may rely on this determination unless the Internal Revenue Service publishes notice to the contrary. However, if you lose your section 509(a)(1) status, a grantor or contributor may not rely on this determination if he or she was in part responsible for, or was aware of, the act or failure to act, or the substantial or material change on the part of the organization that resulted in your loss of such status, or if he or she acquired knowledge that the Internal Revenue Service had given notice that you would no longer be classified as a section 509(a)(1) organization.

If we have indicated in the heading of this letter that an addendum applies, the addendum enclosed is an integral part of this letter.

Because this letter could help resolve any questions about your private foundation status, please keep it in your permanent records.

If you have any questions, please contact the person whose name and telephone number are shown above.

Sincerely yours,

Richard R. Orosco
District Director

Letter 1050 (DO/CG)

Internal Revenue Service
District Director

Department of the Treasury

P O BOX 2350 ROOM 5127 ATTN: E.O.
LOS ANGELES, CA 900532350

Date: AUG. 31, 1990

PRINCE WILLIAM SOUND SCIENCE AND
TECHNOLOGY INSTITUTE
PO BOX 705
CORDOVA, AK 99574

Employer Identification Number:
92-0129853
Case Number:
950193012
Contact Person:
HOWARD, RANDY LEE
Contact Telephone Number:
Ex. 6 Personal Privacy (PP)

Accounting Period Ending:
MARCH 31
Foundation Status Classification:
509(a)(2)
Advance Ruling Period Begins:
JUNE 14, 1989
Advance Ruling Period Ends:
MARCH 31, 1994
Addendum Applies:
YES

Dear Applicant:

Based on information supplied, and assuming your operations will be as stated in your application for recognition of exemption, we have determined you are exempt from Federal income tax under section 501(a) of the Internal Revenue Code as an organization described in section 501(c)(3).

Because you are a newly created organization, we are not now making a final determination of your foundation status under section 509(a) of the Code. However, we have determined that you can reasonably be expected to be a publicly supported organization described in section 509(a)(2).

Accordingly, you will be treated as a publicly supported organization, and not as a private foundation, during an advance ruling period. This advance ruling period begins and ends on the dates shown above.

Within 90 days after the end of your advance ruling period, you must submit to us information needed to determine whether you have met the requirements of the applicable support test during the advance ruling period. If you establish that you have been a publicly supported organization, you will be classified as a section 509(a)(1) or 509(a)(2) organization as long as you continue to meet the requirements of the applicable support test. If you do not meet the public support requirements during the advance ruling period, you will be classified as a private foundation for future periods. Also, if you are classified as a private foundation, you will be treated as a private foundation from the date of your inception for purposes of sections 507(d) and 4940.

Grantors and contributors may rely on the determination that you are not a private foundation until 90 days after the end of your advance ruling period. If you submit the required information within the 90 days, grantors and contributors may continue to rely on the advance determination until the Service

Letter 1050(DO)

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makes a final determination of your foundation status.

If notice that you will no longer be treated as a publicly supported organization is published in the Internal Revenue Bulletin, grantors and contributors may not rely on this determination after the date of such publication. In addition, if you lose your status as a publicly supported organization and a grantor or contributor was responsible for, or was aware of, the act or failure to act, that resulted in your loss of such status, that person may not rely on this determination from the date of the act or failure to act. Also, if a grantor or contributor learned that the Service had given notice that you would be removed from classification as a publicly supported organization, then that person may not rely on this determination as of the date such knowledge was acquired.

If your sources of support, or your purposes, character, or method of operation change, please let us know so we can consider the effect of the change on your exempt status and foundation status. In the case of an amendment to your organizational document or bylaws, please send us a copy of the amended document or bylaws. Also, you should inform us of all changes in your name or address.

As of January 1, 1984, you are liable for taxes under the Federal Insurance Contributions Act (social security taxes) on remuneration of $100 or more you pay to each of your employees during a calendar year. You are not liable for the tax imposed under the Federal Unemployment Tax Act (FUTA).

Organizations that are not private foundations are not subject to the private foundation excise taxes under Chapter 42 of the Code. However, you are not automatically exempt from other Federal excise taxes. If you have any questions about excise, employment, or other Federal taxes, please let us know.

Donors may deduct contributions to you as provided in section 170 of the Code. Bequests, legacies, devises, transfers, or gifts to you or for your use are deductible for federal estate and gift tax purposes if they meet the applicable provisions of sections 2055, 2106, and 2522 of the Code.

Contribution deductions are allowable to donors only to the extent that their contributions are gifts, with no consideration received. Ticket purchases and similar payments in conjunction with fundraising events may not necessarily qualify as deductible contributions, depending on the circumstances. See Revenue Ruling 67-246, published in Cumulative Bulletin 1967-2, on page 104, which sets forth guidelines regarding the deductibility, as charitable contributions, of payments made by taxpayers for admission to or other participation in fundraising activities for charity.

You are required to file Form 990, Return of Organization Exempt From Income Tax, only if your gross receipts each year are normally more than $25,000. However, if you receive a Form 990 package in the mail, please file the return even if you do not exceed the gross receipts test. If you are not

ED_016126_00000623-00003

required to file, simply attach the label provided, check the box in the heading to indicate that your annual gross receipts are normally $25,000 or less, and sign the return.

If a return is required, it must be filed by the 15th day of the fifth month after the end of your annual accounting period. A penalty of $10 a day is charged when a return is filed late, unless there is reasonable cause for the delay. However, the maximum penalty charged cannot exceed $5,000 or 5 percent of your gross receipts for the year, whichever is less. This penalty may also be charged if a return is not complete, so please be sure your return is complete before you file it.

You are not required to file Federal income tax returns unless you are subject to the tax on unrelated business income under section 511 of the Code. If you are subject to this tax, you must file an income tax return on Form 990-T, Exempt Organization Business Income Tax Return. In this letter we are not determining whether any of your present or proposed activities are unrelated trade or business as defined in section 513 of the Code.

You need an employer identification number even if you have no employees. If an employer identification number was not entered on your application, a number will be assigned to you and you will be advised of it. Please use that number on all returns you file and in all correspondence with the Internal Revenue Service.

If we have indicated in the heading of this letter that an addendum applies, the addendum enclosed is an integral part of this letter.

Because this letter could help resolve any questions about your exempt status and foundation status, you should keep it in your permanent records.

If you have any questions, please contact the person whose name and telephone number are shown in the heading of this letter.

Sincerely yours,

Michael J. Quinn
District Director

ED_016126_00000623-00004

PRINCE WILLIAM SOUND SCIENCE AND

Doing research for for profit organizations may be considered unrelated business income and require you to file From 990-T.

ED_016126_00000623-00005

TundraTech Alaska

TundraTech Alaska

81 Commercial Dr.
Palmer, AK 99645
Ex. 6 - Personal Privacy (PP)

Quote **676**

VALID UNTIL 04/30/2023
EST COMP 01/01/0001
SALESPERSON Kelly Dart
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SHIP TO	BILL TO (#1003390)
The Prince William Sound Science Center 1000 Orca Rd Cordova, AK 99574 Ex. 6 - Personal Privacy (PP)	The Prince William Sound Science Center 1000 Orca Rd Cordova, AK 99574 Ex. 6 - Personal Privacy (PP)

CUST PO		CONTACT	Alysha D. Cypher, PhD Ex. 6 Personal Privacy (PP)

SHIP OUT	Will Call	DROP SHIP	No

#	PART	DESCRIPTION	QTY	RATE	DISC	NET	EXT
1	Portable Building	16' w x 11' h x 30' l - Double Truss Fabric Structure. 18 oz Vinyl - color options are White, Light Gray, or a combination. With zipper garage door with zipper man door in front end. Window in the back end. With Heat Duct tube installed - size and place to be determined. *	1.00	13,750.00		13,750.00	13,750.00

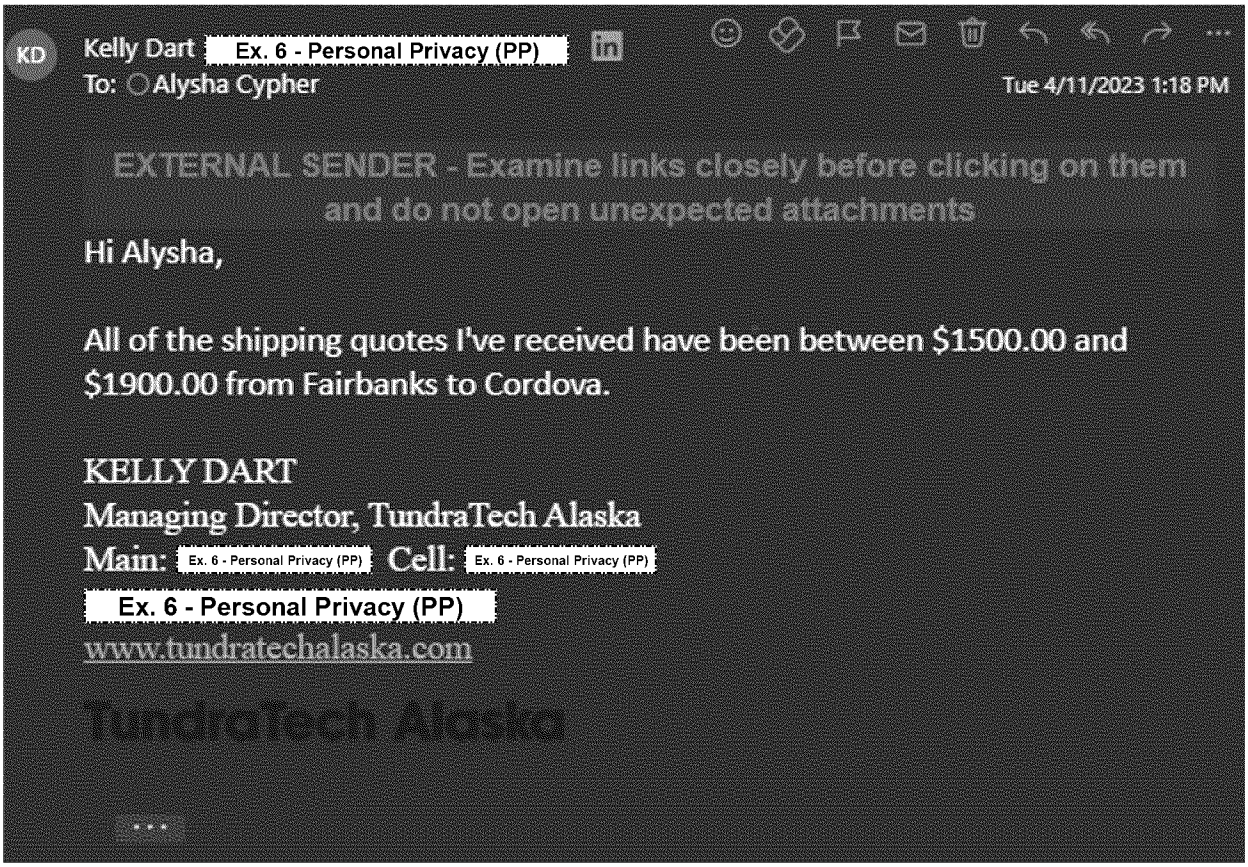
PAYMENT	DETAILS	AMT

COMMENTS

Lead time: 8 to 10 weeks from the order date
FOB: Fairbanks, AK

SUBTOTAL	13,750.00
TOTAL	**13,750.00**
PAYMENTS	0.00
BALANCE DUE	**13,750.00**

ACCEPTANCE: _____ **DATE:** _____


KD
Kelly Dart Ex. 6 - Personal Privacy (PP)
To: Alysha Cypher
Tue 4/11/2023 1:18 PM
EXTERNAL SENDER - Examine links closely before clicking on them and do not open unexpected attachments
Hi Alysha,
All of the shipping quotes I've received have been between $1500.00 and $1900.00 from Fairbanks to Cordova.
KELLY DART
Managing Director, TundraTech Alaska
Main: Ex. 6 - Personal Privacy (PP) Cell: Ex. 6 - Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)
www.tundratechalaska.com
TundraTech Alaska

AQUALAB

Quote

EST-013184

04/05/2023

Bill To

PWSSC
Orca Inlet Road
Cordova AK 99574
United States

Ship To

PWSSC
Orca Inlet Road
Cordova AK 99574
United States

Terms:	**Prepay**
Ship Via:	**UPS 2NDDAYAIR**
Expires:	**05/05/2023**

Client Name	Client Phone	Client Email
Alysha Cypher	Ex. 6 - Personal Privacy (PP)	acypher@pwssc.org

AQUALAB Advisor Name	AQUALAB Advisor Phone	AQUALAB Advisor Email
Anglin, Daniel	Ex. 6 - Personal Privacy (PP)	Ex. 6 - Personal Privacy (PP)

Qty	Item	Tax	Rate	Amount
1	**40910 AQUALAB 4TE** AQUALAB 4TE water activity meter with chilled-mirror dew point sensor, sample temperature range 15 – 50 °C Includes: • Cups & lids starter kit • Verification standards qualification kit • Cleaning kit • Certificate of Calibration • One year warranty	Yes	$11,700.00	$11,700.00
2	**40746 Water Activity Standard, 0.760 aw** Water Activity Standards - 6.00 mol/kg NaCl (0.760 aw), Box of 50 Tubes	Yes	$120.00	$240.00
2	**40745 Water Activity Standard, 0.500 aw** Water Activity Standards - 8.57 mol/kg LiCl (0.500 aw), Box of 50 Tubes	Yes	$120.00	$240.00
2	**40743 Water Activity Standard, 0.920 aw** Water Activity Standards - 2.33 mol/kg NaCl (0.920 aw), Box of 50 Tubes	Yes	$120.00	$240.00
1	**40106 AQUALAB Sample Cups** AQUALAB sample cups - 500 qty bottoms and lids	Yes	$265.00	$265.00

Subtotal	$12,685.00
Shipping & Handling	$175.00
Tax Total (0%)	$0.00
Total (USD)	**$12,860.00**

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Postdoctoral Research Associate
Prince William Sound Science Center
1000 Orca Rd., PO Box 705
Cordova, Alaska 99574
Ex. 6 - Personal Privacy (PP) acypher@pwssc.org

PROFESSIONAL

2020-present	Postdoctoral Research Associate Prince William Sound Science Center (PWSSC), Cordova, AK
2018-2020	Postdoctoral Research Associate/National Research Council Research Associate NOAA Northwest Fisheries Science Center, Ecotoxicology Program, Seattle, WA

EDUCATION

2012- 2017	PhD in Integrated Bioscience, The University of Akron (UA), Akron, OH Thesis titled: "The Interaction of Chemical and Natural Stressors on Cardiovascular Dynamics in Teleost Fish"
2008-2012	B.S. in Biology with Minor in Chemistry, Clarion University (CU), Clarion, PA

RESEARCH

Refereed Publications

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) *in preparation.* Crude oil-induced cardiovascular pathology varies with source population in larval *Clupea pallasi.*

Ex. 6 Personal Privacy (PP) 2023. Detection efficiency of an autonomous underwater glider carrying an integrated acoustic receiver for acoustic tagged Pacific herring. ICES Mar J Sci 0, 1-13.

Ex. 6 Personal Privacy (PP) 2018. Vascular parameters continue to decrease post-exposure with simultaneous, but not individual exposure to BPA and hypoxia in zebrafish larvae. Comp. Bioch. And Phys. Part C 11-16. http://dx.doi.org/10.1016/j.cbpc.2018.02.002

Ex. 6 Personal Privacy (PP) B., 2017. Hypoxia exacerbates the cardiotoxic effect of the polycyclic aromatic hydrocarbon, phenanthrene in *Danio rerio*. Chemosphere 574-581. https://doi.org/10.1016/j.chemosphere.2017.05.109

Ex. 6 Personal Privacy (PP) 2015. Bisphenol A alters the cardiovascular response to hypoxia in *Danio rerio* embryos. Comp Bioch and Phys Part C 174-175, 39-45. http://dx.doi.org/10.1016/j.cbpc.2015.06.006

Recently Secured Funding

2023 Funder: Pacific States Marine Fisheries Commission Marine Aquaculture Pilot Projects
Title: *Empowering coastal Alaska by building local capacity for kelp farming and evaluating best practices for harvesting seed stock*
Amount: $111,680.00
Role: PI with Noble Ocean Farms, Royal Ocean Kelp Co., Native Village of Eyak

2022 Funder: NOAA Alaska Marine Education and Training Mini-Grant Program
Title: *Kelp for Cordovans: Building mariculture expertise in a coastal Alaskan community*
Amount: $15,248.00

Role: PI with Noble Ocean Farms and Royal Ocean Kelp Co.

2022 Funder: Exxon Valdez Oil Spill Trustee Council ($27,247,104.00)
Title: *Sustainable mariculture development for restoration and economic benefit in the Exxon Valdez oil spill area*
Amount: $1,743,838 to PI ($27,247,104.00 program total)
Co-P.I. with Alaska Dept. of Fish & Game, Alaska Fisheries Development Foundation, Native Village of Eyak, NOAA Alaska Fisheries Science Center, University of Alaska Fairbanks

2019 Funder: Oiled Wildlife Care Network ($70,000)
Title: *Molecular biomarkers linked to crude oil toxicity thresholds in three Pacific forage fish*
Amount: $70,000
Role P.I. with NOAA Alaska Fishery Science Center

SERVICE

2021-current Oil Spill Recovery Institute
PWSSC Representative, Scientific and Technical Committee

2019-present The Society for Conservation Biology North American Section
Board of Directors - Chapter Representative
Two-year term position as liaison between chapters and regional section

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PO Box 1566
Cordova, AK 99574

My passion for kelp began decades ago as a Herring Roe-on-kelp fisherman, participating in the Pound and Wild Kelp fisheries in Prince William Sound. We harvested Sugar kelp to use in our pounds, then progressed to Macrocystis kelp, harvested in SE Alaska and transported to PWS. In 1999, I wrote a paper, published in the University of Alaska SeaGrant publication Marketing and Shipping Live Aquatic Products, titled Shipping and Handling the Marine Algae Macrocystis in Alaska. My interest in kelp never diminished and in 2018, I began the permitting process to start a kelp farm in PWS. To increase my knowledge, I attended a 2 day conference in Kodiak sponsored by the Kodiak Archipelago Leadership Institute on Mariculture in the Kodiak Region. I also attended a presentation at the Pacific Marine Expo in Seattle titled Seaweed Farming 101.

EXPERIENCE

Spring of 2023, will be mark the second year harvesting Sugar and Ribbon kelp at my kelp farm in Prince William Sound. I have been actively involved in promoting the mariculture industry in Cordova and Prince William Sound through regular meetings with the PWS Economic Development District. I have also been a Commercial Fisherman and Small Business owner since 1985. Actively participating in the PWS Salmon Gillnet fishery and Halibut long-lining, as well as in the past, Salmon Seining, Herring Pounding, Wild Kelp Harvest.

COMMUNITY SERVICE

Alaska Mariculture Alliance, Board of Director, Chair of the Public Outreach Committee.

Prince William Sound Science Center, Board of Director, Chair of the Mariculture and Finance Committees.

Copper River/Prince William Sound Marketing Association, Board of Director.

Alaska Seafood Marketing Institute, member of the Domestic Marketing Committee.

EDUCATION

University of Oregon, Master of Science, Biology - 1982

Occidental College, Bachelor of Science, Biology - 1978

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MASTERS EDUCATION

Water Cooperation and Diplomacy Joint Masters Education Program: *focus on international, interdisciplinary research, cross-cultural mediation, and collaborative fieldwork*

Oregon State University (OSU) 2019

- Master of Science, Water Resources Policy and Management

IHE Institute for Water Education, Netherlands 2018

- Master of Science, Water Management and Governance

University for Peace, Costa Rica 2017

- Master of Arts, Water Cooperation and Diplomacy

UNDERGRADUATE EDUCATION

University of California at Santa Barbara (UCSB) 2014

- Bachelor of Arts, Environmental Studies
- High Honors, Outstanding Academic Achievement Award and Outstanding Service to the Environmental Community Award

University of Ghana, Education Abroad Program 2013

- Concentration in Animal Biology and Conservation Science

PROFESSIONAL EXPERIENCE

President 2020-present

Noble Ocean Farms, LLC.

- Kelp farmer, director of communications/outreach, research coordination, marketing/branding, financials

Program Manager 2019-present

Eyak Preservation Council/Copper River Delta Sound Waterkeeper, Cordova, AK

- Led partner collaborations, community engagement/outreach, strategic planning, implementation of habitat protection initiatives, water resources research

Program Director 2015-2017

Kenai Watershed Forum, Soldotna, AK

- Built partnerships with the Kenaitze Indian Tribe, Alaska Department of Fish and Game, U.S. Forest Service and U.S. Fish and Wildlife Service
- Co-facilitated natural resource management meetings with multiple agencies
- Coordinated 75 volunteers for the nationally-recognized Stream Watch Program
- Led Adopt-A-Stream Program including teaching water quality testing procedures
- Carefully managed all program data for grant reporting for both programs

Environmental Educator 2014-2015
High Trails Outdoor Science School, Big Bear, CA
- Organized field trips and taught environmental science courses to highly diverse groups of youth in a remote, backcountry setting
- Provided emotional support, managed health and food needs, and mediated conflicts

Aid for Students with Autism 2012-2013
UCSB Koegel Autism Center, Santa Barbara, CA
- Worked as a one-on-one aid to help low-functioning students integrate into peer groups

RESEARCH ACTIVITIES

Governance of Groundwater Resources in Transboundary Aquifers Project, United Nations Educational, Scientific, and Cultural Organization (UNESCO) 2018-2019
- Designed UNESCO Hydro-diplomacy Toolkit and wrote chapters on educational tools

Yakama Nation: Climate Change and Water Issues Assessment, OSU 2018
- Interviewed stakeholders about climate-related challenges to water management

UCSB Koegel Autism Center Research Assistant, UCSB 2012-2013
- Collected and analyzed data to determine progress of individual clients

Environmental Ecology Dept., UCSB 2013
- Participated in field research on oak tree regeneration at Sedgwick Reserve

Ecology, Evolution and Marine Biology Dept., UCSB 2011-2013
- Researched rockfish and cabezon in Dr. Peter Collins' marine aquaculture laboratory

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P.O. Box 1914, Cordova, AK 99574
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EDUCATION

B.S., Environmental Science 2015
Huxley College of the Environment, Western Washington University, Bellingham, WA

CERTIFICATES

Alaska Boat and Safety Program July 2015
8 HR HAZWHOPER Sep. 2020

EXPERIENCE

Owner/Operator Aug. – Present
33' F/V Lindy and 15' skiff

- Travel 11 nautical miles to and from Cordova and our kelp farm site in Simpson Bay.
- Maintenance and upgrades since purchase include: new water pump, new serpentine belt, new coolant system expansion tank, new 14x18" Kinematics hydraulic anchor winch and 80lb anchor, installed a secondary in line RACOR fuel water separator.

Co-Founder/VP of Operations Jan. 2020 - Present
Noble Ocean Farms, Cordova, AK

- I oversee the operations of a 22-acre regenerative Alaskan kelp farm.
- I helped build site specific underwater arrays to grow kelp from; purchased and ordered materials; spliced and tied thousands of feet of line; rigged and deployed mooring anchors and buoys; out-planted over 4,000ft of kelp seed string in Oct. 2021.

Commercial Fishing Gillnet Crew – Bristol Bay (sockeye) May – July 2021
F/V Highwayman, Naknek, AK

- Gillnetted for sockeye salmon aboard a 32'
- Pre-season boat prep; mended and sorted 28 shackles of gillnet; inventoried supplies and equipment; operated hydraulics; picked a record return of sockeye from gillnets; delivered fish to tenders; cleaned fish holds; mended nets and gear; wheel watched; hydraulically set and retrieved the anchor; cooked; spliced ropes and line.

Independent Contractor Oct. 2020 - Feb. 2021
Native Conservancy, Cordova, AK

- Deployed moorings at 7 kelp research sites throughout PWS aboard F/V Montague.
- Built and inventoried site-specific kelp arrays, spliced lines, inflated and labeled buoys, ordered project materials, and coordinated logistics with program managers.

Acoustic Technician – Herring Research and Monitoring Program Apr. 2018, 2019, 2020

Prince William Sound Science Center (PWSSC), Cordova, AK

· Acoustically monitored Pacific herring populations aboard the M/V Auklet during annual, spring spawning events throughout Prince William Sound (PWS).

· Summarized herring biomass indices into Excel and logged GPS coordinates of survey.

Fish and Wildlife Technician II – Observer Oct. 2019 - Oct. 2020

Alaska Department of Fish and Game (ADFG), Cordova, AK

· Observed aboard F/V NipNTuck during the 2020 PWS Golden King Crab Test Fishery.

· Identified fish and shellfish to species, collected length, weight, sex, otoliths, and interviewed fisherman to obtain the statistical areas of fish landings.

Commercial Seafood Processor Sep. 2018, Sep. 2019

60 North Seafoods, Cordova, AK

· Custom processed a variety of value-added Alaskan seafood products.

Commercial Fishing Gillnet Crew – Copper River Aug. – Sep. 2018

F/V Crown Royal, Seward, AK

· Gillnetted for coho salmon aboard a 32' Hard Drive Marine bowpicker.

· Conducted wheel watches; operated hydraulics; picked fish from gillnets; delivered fish to tenders; cooked; mended nets and gear; hydraulically set and retrieved the anchor.

Commercial Fishing Seine Crew – Prince William Sound July - Aug. 2018

F/V Liveley Jane, Seward, AK

· Seined for pink salmon aboard a historic 52' wooden seine boat.

· Pre-season boat prep; installed new water pump for RSW; stacked corks; identified fish to species; delivered fish to tenders; spliced ropes and line; mended nets and gear; hydraulically set and retrieved the anchor; put boat and gear away at end of season.

Commercial Fishing Gillnet Crew – Copper River/Prince William Sound May-July 2018

F/V Resolute, Seward, AK

· Conducted wheel watches; operated hydraulics; picked fish from gillnets; delivered fish to tenders; cooked; mended nets and gear; hydraulically set and retrieved the anchor.

Biological Science Technician Jul. - Sep. 2015, 2017

PWSSC, Cordova, AK

· Lived and traveled aboard the M/V Auklet while collecting biological samples from 32 remote pink and chum salmon streams in Prince William Sound during summer 15' & 17'.

Scientific Technician I - Observer Aug. - Oct. 2011

Washington Department of Fish and Wildlife, Vancouver, WA

· Observed and summarized catch per unit effort values aboard commercial vessels during lower Columbia River non-tribal commercial gillnet fisheries.

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22-year nonprofit manager
Grant-writer/fundraiser
Community volunteer

PROFESSIONAL EXPERIENCE

Prince William Sound Economic Development District, Executive Director, April, 2020 – present, Cordova, AK. Managing regional nonprofit focused on fostering economic growth and diversification in the Prince William Sound communities of Chenega, Cordova, Valdez, Tatitlek and Whittier. Building partnership networks to support pandemic relief for businesses, provide business counseling, promoting outdoor recreation in PWS, supporting the growth of kelp farming in PWS, exploring the feasibility of a regional PWS ferry authority, and working with community partners on workforce development, broadband service, and maritime industry infrastructure.

Copper River Watershed Project, Cordova, AK. Executive Director Mar. 1999 – Nov. 2019.

Managed financial planning and $450,000 – $750,000 annual budget for a sustainable development non-profit, grant writing, publications production, membership program, and strategic planning; provide board support. The CRWP received the Public Lands Foundation's Landscape Stewardship Award in 2011 for its work to promote stewardship of the Copper River watershed and foster collaboration among regional partners.

Grants written for and awarded by National Oceanic & Atmospheric Administration ($1,073,886, 2009), National Fish & Wildlife Foundation, Alaska Department of Environmental Conservation, *Exxon Valdez* Oil Spill Trustee Council, U.S. Fish & Wildlife Service, and private foundations. Management of program work included:

- Convening public dialogue (Copper River Salmon Harvesters Roundtable, 2017 – 2019; Cordova Tourism Plan, 2002);
- Initiating and managing fish habitat restoration and fish passage culvert replacement projects with budgets range from $46,516 to $591,000. CRWP work in designing a culvert scoring protocol has facilitated region-wide agreement on restoration priorities, and led to an $8.1 million award from the *Exxon Valdez* Oil Spill Trustee Council for watershed restoration on the Copper River delta.
- Facilitating partnerships among state, federal and local organizations for addressing community issues like small fuel spills and waterfront development, tourism resource development, as well as coordinating large scale habitat restoration efforts;
- Annual membership program, including major donor contributions and fundraising events, that raises $70,000 – 80,000 for CRWP operating support.

Prince William Sound Science Center, Cordova, Alaska

Education Assistant/Grantwriter. Sept. 1994 - Sept.1998. Worked with PWS Science Center's education program, *Science of the Sound*, to plan, prepare and teach science education activities to elementary school children. Prepared proposals in coordination with PWSSC education and research staff.

TAG Associates Inc., Norwood, Mass. September 1991 - April 1994, Sr. Associate.

TAG Associates provides management operations consulting services to low income housing providers and HUD. Ms. Carpenter served as Project Manager of most corporation projects, and was responsible for managing project budgets, teams of sub-contractors, and report production. Contract work included strategic planning for housing authority re-organizations and implementing project-based accounting systems, and designing and delivering training programs for public housing authority staff and residents. Conducted case study research for National Commission on Severely Distressed Public Housing, whose recommendations were the basis for new public housing legislation authorizing the Urban Revitalization Demonstration program.

Executive Office of Communities & Development, Commonwealth of Massachusetts. Sept., 1989 - Aug., 1991, Housing Management Specialist for 20 state-assisted local housing authorities, served as *Program Manager* of state-assisted special needs housing program, which contains 146 community residences for people with mental and physical disabilities.

National Center for Municipal Development, Washington, D.C. July, 1984 - November, 1986, Asst. City Representative. Represented client city governments to congressional delegations and tracked housing and community development legislation for inter-governmental lobbying.

EDUCATION

Kennedy School of Government, Harvard University, Master of Public Policy, June, 1989.

- Policy Concentration: Housing and Human Services issues.

Middlebury College, Bachelor of Arts Degree in Political Science, May, 1984.

PROFESSIONAL DEVELOPMENT

Planning and Facilitating Collaborative Meetings, NOAA and Alaska SeaGrant, November 2017.

Planning for Effective Public Participation, International Association of Public Participation, February, 2015.

Certified Erosion and Sediment Control Lead (CESCL) training, September 2010.

COMMUNITY LEADERSHIP

Alaska Salmon Runs Race Coordinator, 2006 – present: organize annual community running event for 250+ participants, draws 100+ visitors to Cordova annually.

Cordova Community Foundation (CCF), 2018 – present.

City of Cordova Councilmember, November 1996 – March, 2003, March 2013 – 2016, 2022 – present.

Cordova Community Medical Center Health Services Board Member, 2007 – 2012, 2014 – 2017.

PWS Regional Citizens' Advisory Council Board Member, March 2003 – February 2004.

Cordova Family Resource Center, Board of Directors, Treasurer, 1995 – 1997, crisis line volunteer 1995 – 2001.

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: TerraGraphics International Foundation, Inc.

Address: 121 South Jackson Street

City: Moscow

State: ID: Idaho Zip Code: 83843

B. Unique Entity Identifier (UEI): C83QUXEKJ2C4

C. Applicant/Recipient Point of Contact

Name: Casey Bartrem

Phone: Ex. 6 Personal Privacy (PP)

Email: casey@terrafound.org

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☐ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☐ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☐ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

Casey Bartrem, Executive Director, Ex. 6 Personal Privacy (PP) casey@terrafound.org, Ex. 6 Personal Privacy (PP)

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

Casey Bartrem, Executive Director, Ex. 6 Personal Privacy (PP) casey@terrafound.org, Ex. 6 Personal Privacy (PP)

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Casey Bartrem	Executive Director	03/24/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

CORDOVA
ELECTRIC
COOPERATIVE, INC
P.O. Box 20, 705 Second Street, Cordova, Alaska 99574-0020 * Ex. 6 - Personal Privacy (PP) * Fax Ex. 6 - Personal Privacy (PP)

April 3rd, 2023

U.S. Environmental Protection Agency
Office of Environmental Justice and External Civil Rights
1200 Pennsylvania Avenue NW,
Washington, DC 20004

RE: Environmental Justice Collaborative Problem Solving Cooperative Agreement Program

To whom it may concern:

Cordova Electric Cooperative (CEC), strongly supports the " Drying seaweed using waste heat: a proof of concept to build community resilience for food security and economic diversity in PWS, AK." Project. CEC is committed to providing partner support to assist this project to successful completion. CEC is willing to provide, at a minimum:

- Space to place a temporary structure on CEC property, adjacent to the Orca power plant, Cordova, Alaska
- Assistance with running ducting and/or hydronic heat loops from the power plant to the structure to deliver excess heat, and
- Permission for the project team to clear brush from the designated area to provide room for the temporary structure.

CEC is committed to supporting this project through its full term, from 2024 through 2026. We are excited to provide support to meet the community need to sustainably process kelp in Cordova to build a strong mariculture industry in Prince William Sound. We share a common goal to fully utilize the excess heat from legacy and renewable sources and increase the net efficiency of our power plants by re-capturing excess heat. We encourage your support of this project and thank you for your time and consideration.

Respectfully,

Clay R. Koplin

Clay Koplin
CEO Cordova Electric Cooperative

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

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Last Name: Bartrem Suffix:
Title: Executive Director
Complete Address:
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Street2:
City: Moscow State: ID: Idaho
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Payee: *Individual authorized to accept payments.*

Name: Prefix: Dr. First Name: Casey Middle Name:
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Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: First Name: Kimberly Middle Name:
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EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** Dr. **First Name:** Casey **Middle Name:**

Last Name: Bartrem **Suffix:**

Title: Executive Director

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EPA Form 5700-54 (Rev 4-02)

1.0 PROGRAM OBJECTIVES

A. Project Summary Page

Project Title: Drying seaweed using waste heat: a proof of concept to build community resilience for food security and economic diversity in PWS, AK.

Project Location: Cordova, Alaska 99574

Applicant/contact Information: Alysha Cypher, Prince William Sound Science Center (PWSSC), 1000 Orca Rd. Cordova, AK 99574, [HYPERLINK "mailto:acypher@pwssc.org"], Ex. 6 - Personal Privacy (PP)

Brief Description of Applicant Organization -The PWSSC is a research and education institution located in Cordova, Alaska that develops and delivers theme-based education and conducts research, including the Gulf Watch Alaska Long-Term Monitoring program. Our mission is to advance community resilience and the understanding and sustainable use of ecosystems.

Are you applying for the Small CBO Set Aside Track for $150,000 projects? No.

Abstract – Prince William Sound (PWS), located in southcentral Alaska, is home to five communities, Chenega, Cordova, Tatitlek, Valdez, and Whittier. Their economy is disproportionately affected by environmental issues because of their dependence upon commercial salmon fisheries. Since 2016, PWS has experienced five fisheries disasters, drastic population declines, that have affected all five salmon species native to this region. The COVID-19 pandemic added to economic strain and food insecurity by disrupting supply chains that provide 95% of Alaska's food. The State of Alaska and the PWS Economic Development District have identified the mariculture industry as a means to increase economic diversity and food security. PWS currently holds 26% of Alaska's seaweed farm permits and thousands of pounds of kelp is harvested each year. However, there is no dedicated capacity to process seaweed. This is a barrier that prevents growth of an industry that can increase economic diversity and food security. The goal of this project is to address this barrier by determining if waste heat can be used to efficiently dry large quantities of seaweed. Our objectives are to 1) establish a temporary structure that uses waste heat from a diesel power plant to dry seaweed efficiently, 2) identify long-term options for processing and assess business viability, 3) build acceptance or social license for mariculture and 4) provide training to increase the mariculture workforce. These objectives will provide dedicated capacity and directly support mariculture industry growth for PWS and coastal Alaskan communities.

Project Type(s) – Demonstration Project, Training, Public education

Special Considerations: 1. Projects addressing Climate Change, Disaster Resiliency 2. Rural areas

Environmental Issue(s)–Food Security, Fisheries Disasters, Climate Change

List of Project Partners – CBOs: Alysha Cypher, Prince William Sound Science Center; Kristin Carpenter, Prince William Sound Economic Development District Local business/industry; Skye Steritz and Sean Den Adel, Noble Ocean Farms; Thea Thomas, Royal Ocean Kelp Company; Clay Koplin, Cordova Electric Cooperative

Will you need to develop a QAPP for your project? No.

B. Environmental and Public Health information of the Underserved Community

Prince William Sound (PWS) is located at the north end of the Gulf of Alaska, extending over 20,000 square miles and similar in size to West Virginia. There are five communities in the sound including Chenega, Cordova, Tatitlek, Valdez, and Whittier which fall into the Chugach Census Area and have a combined population of 6,751 (US Census, 2020; See Table 1 for break down by community). All PWS communities are unconnected by a unified road system and access is dependent on water and air transportation. The waters of PWS are critical to the area's character and economy, sustaining more than 300 species of fish that are essential to traditional subsistence practices and commercial seafood production (PWSEDD, 2021).

Table 1. 2020 Demographic Information for PWS Communities (1-US Census; 2-EJScreen Tool)

Community	Population Size[1]	% Alaska Native/ American Indian[1]	Median Household Income[1]	Employment Rate (%)[1]	Demographic Index (state percentile)[2]	Supplemental Demographic Index (state percentile)[2]
Cordova	2,609	18.8	$77,667	64.3	35	15
Tatitlek	90	94.5	$70,624	35.3	82	67
Chenega*	59	69.1	$75,833	70.3	N/A	N/A
Valdez	3,985	3.4	$99,151	61.9	17	16
Whittier	272	25.2	$49,583	48.9	82	67
*The EJScreen Tool did not generate demographic information for Chenega						

PWS has been ground zero for some of the most widely publicized environmental disasters, including the 1964 Good Friday Earthquake and 1989 *Exxon Valdez* oil spill (EVOS). The Good Friday Earthquake is the second largest earthquake in recorded history and displaced nearly 200,000 mi^2 of land, causing uplifts by up to 15 meters in PWS. The earthquake and resulting tsunamis killed 106 people and caused $84 million in damages. This event forever changed the topography of PWS and its effects are still visible today (Sun, 2022). Then, in 1989, the *Exxon Valdez* ran aground and emptied 11 million gallons of oil into PWS's pristine ecosystem, resulting in $300 million in economic losses and psychological harm to more than 32,000 people who depended on commercial fishing in PWS (Cohen 1993, 1995; Picou and Gill, 1996). Four years later, the Pacific herring population of PWS collapsed (Pearson et al., 1995), ultimately resulting in the permanent closure of 5 herring fisheries which has caused hundreds of millions of dollars in lost income over the last 30 years (McKinley Research Group, unpublished data). These events, and more recent fisheries disasters, disproportionately affect PWS communities because of their reliance on the renewable resources of PWS.

Commercial fishing is a key driver of the PWS and Cordova economies. Half of all households in Cordova have someone working in the fishing industry (Fried and Windisch-Cole, 1999). In 2019, 330 permit holders harvested 69 million pounds of fish and shellfish valued at $48 million. Salmon fisheries accounted for 96% of PWS residents' volume and 86% of ex-vessel earnings in 2019. Pink salmon generally make

up the highest share of salmon harvest volume by regional residents, with volumes significantly greater in odd-numbered years. The 2018–2020 average commercial salmon harvest was 32% lower than the 2008–2017 average (Russell et al., 2021), resulting in four federal fishery disaster declarations, including PWS salmon fisheries for 2020, Copper River Chinook, sockeye and chum salmon fisheries in 2020, Copper River Chinook, sockeye and chum salmon fisheries for 2018, and River Chinook and sockeye salmon fisheries in 2018. These disasters followed the 2016 Gulf of Alaska pink salmon disaster and marine heat wave which altered the PWS ecosystem for several years (Suryan et al., 2021). Federal relief funds for PWS totaled $34,360,624, 26% of the total $131.8 allocated to Alaska, for the 2018 and 2020 salmon fishery disasters. However, these relief funds can take years to distribute and do not fully replace lost income for fishermen (Welch 2019, 2020, 2022). Because our economy is heavily reliant upon salmon fisheries, these disasters have resulted in millions of dollars of lost income. Therefore, economic diversity is critical to building resilience for PWS communities.

PWS communities were also disproportionately affected by the COVID-19 pandemic, primarily due to disruption in supply chains which caused food shortages (Johnson et al., 2021). Nearly 95% of Alaska's food is imported and supply chain failure will leave the state with one week's worth of food (AK Exec. Order No. 334). Food shortages (Jenkins, 2020), access to subsistence fishing (Johnson, 2021), loss of transportation routes (Sullivan, 2020), and reduced wholesale value of commercial seafood (McKinley Research Group, 2021b) were all consequences of the pandemic that disproportionately affected citizens of isolated, coastal communities, like PWS, that cannot drive to cities for resources like food and medicine. In 2020, one Cordovan fishermen told Alaska Public Media that he "lost 2/3 of his gross earnings this year, compared to 2019" and that "the season was, it was almost a complete loss" (Flower-webdesign, 2020).

The State of Alaska and the Prince William Sound Economic Development District (PWSEDD) have identified the mariculture industry, farming of shellfish and seaweed, as a means to increase economic diversity and food security of PWS and mitigate the impacts of climate change (Alaska Mariculture Task Force, 2018; PWSEDD, 2021). One major barrier to development of the mariculture industry in PWS is a lack of processing capacity. The Alaska Fisheries Development Foundation evaluated regional processing capacity in PWS and identified Cordova as a 'primary hub community' for processing due to its proximity to farms and existing seafood processing infrastructure (AFDF, 2021). Unfortunately, existing fish processors in Cordova have not expanded their operations to mariculture due to concerns about contamination between seaweed and seafood and a general lack of information. High electricity costs (30% higher than state average) also make it financially difficult to use conventional drying equipment and wet kelp cannot be exported due to high shipping rates. Until existing processors or another long-term solution is identified, a short-term solution is necessary to maintain growth of this sustainable industry. The objectives of this project will provide an immediate solution, a temporary structure that utilizes waste heat from a diesel power

plant and identify long-term options to continue beyond project duration. While this project will take place in the community of Cordova, we will share our results (Table 2) and access to processing with other PWS communities.

Table 2. Anticipated project results/outcomes and benefits to PWS communities (see Logic Model)	
Results/Outcomes	Community Benefit
Dedicated capacity to dry large quantities of kelp	PWS-based farmers can dry large quantities of kelp at costs that are not prohibitive to industry growth (free during project duration).
Optimized drying procedure	Stakeholders interested in taking on drying capacity after project completion will have an efficient procedure.
Reduced shipping costs to export products	It is cheaper to ship dry products than wet. Lower costs will help farmers and stakeholders stay in the industry.
Options for scalability and long-term solutions	Dedicated capacity for drying will continue beyond project duration and project information will guide scaling up drying capacity.
Business plan	Stakeholders interested in taking on drying capacity after project completion will know what is necessary to earn a profit.
Social license for kelp farming	Community members are informed of the benefits of mariculture and have opportunities to provide input.
Developed workforce	Community members receive training on how to process kelp.
Famers grow more kelp	Current farmers are limited because they can't process what they have. With processing capacity, farmers can grow more kelp, develop products, and generate more income.
Product development	Developing products and markets is another barrier to industry growth that is impeded by a lack of processing in PWS.
Increased access and exports	Community members can purchase local seaweed products, outside of harvest season, and farmers can export products.
Economic diversity	PWS community members generate income from mariculture.
Food Security	Locally-sourced seaweed products provide a cheaper, nutritious alternative to vegetables even when supply chains are disrupted.

This project addresses the following environmental issues that are relevant to PWS communities: 1) Food security, 2) fisheries disasters, and 3) climate change. As described above, these issues disproportionately affect PWS communities and stakeholders have identified mariculture as a viable solution that will increase economic diversity and food security. The seaweed industry can provide a means to generate income, outside of fishing, and a local, nutritious alternative to vegetables. The seaweed industry also has restorative potential and seaweed farming has been linked to increased removal of carbon (Duarte et al., 2005), reduced ocean acidification in proximity to farms (Xiao et al., 2021), and enhanced habitat for marine species (Forbes et al., 2022). Wild seaweed accounts for 50% of all carbon sequestered from oceans, globally (Duarte et al., 2005). Not only does kelp remove carbon from the atmosphere, it substantially reduces (40-95%) methane emissions when fed in small quantities to livestock, which produce 2.7% of global greenhouse gas emissions (Vijn et al., 2020). There are numerous benefits to growing seaweed, but a lack of dedicated processing prevents PWS communities from benefiting from the mariculture industry.

Our project will address two special considerations including:

1. Projects addressing Climate Change, Disaster Resiliency: This project will address climate change and disaster resiliency by building capacity for a zero or low-emission industry that can provide restorative effects to the PWS ecosystem and economic diversity for PWS communities affected by fisheries disasters.
2. Rural areas with limited access to resources: PWS communities are small in population size (Table 1) and disconnected. It is too expensive to export wet seaweed products or process seaweed in another city. PWS has the interest and infrastructure to lead the mariculture industry, but local, dedicated capacity for drying seaweed is necessary for regional industry growth.

C. Organization's Historical Connection to Underserved Community

In 1986, a group of Cordova-based fishermen, scientists, and resource managers started exploring a question: What can we do to better understand this globally-relevant region and share what we learn for the benefit of our community and the world? Two years later, the discussion resulted in a commitment to develop a community-based organization to serve as a repository for knowledge gained from nearly 30 million acres of coastline, wetlands, estuaries, mountains, rivers and streams, all while engaging residents with education and entrepreneurial endeavors. The dream was ambitious. Then, as the Prince William Sound Science Center's (PWSSC) nonprofit papers were being developed in March 1989, the *Exxon Valdez* ran aground on Bligh Reef, spilling more than 11 million gallons of crude into PWS, forever altering the environment and the fishery. Shortly after, on Earth Day, April 22, 1989, PWSSC's legal papers were filed.

Since the oil spill, we have become well-known for leading research in the areas of resource use and sustainability, environmental monitoring, oil spill response, hatchery-wild salmon interactions, herring recovery, and climate change. This information has fed our education programs which serve rural PWS communities. In 2022, we opened a new 5-acre campus and are expanding research and education programs to address the development of the mariculture industry and food security in PWS. We purchased a commercial farm, a Conex-based aquaculture system, to provide a local source for fresh vegetables and are developing a seaweed nursery which will provide juvenile kelp to farmers for out planting onto farms. This proposed work would further support our mission of supporting the livelihood of the citizens of our community and maintaining healthy ecosystems.

This project is the culmination of many stakeholder meetings since 2020 when a community vision for the PWS mariculture industry began to form. The first seaweed farms were permitted in 2021 and began harvesting sugar and ribbon kelp in 2022. Shortly after harvesting, stakeholders came to the conclusion that the growth of the mariculture industry in PWS is dependent on drying kelp. The stakeholders involved in these meetings included, but is not limited to, the PWSSC, PWSEDD, NOF, ROKC, Alaska Sea Grant, Alaska Mariculture Alliance (AMA), Alaska Blue Economy, Native Village of Eyak, Native Conservancy, NOAA Alaska Fisheries Science Center, and the Alaska Department of Fish and Game. In 2023, the Cordova Electric Cooperative (CEC) provided a solution for drying capacity by offering to provide a site and waste heat from

a diesel power plant. PWSEDD, PWSSC, Noble Ocean Farms (NOF), and Royal Oceans Kelp Company (ROKC) then came together to design this project. Numerous stakeholder meetings are included throughout this project to provide frequent opportunities for the project team and other mariculture stakeholders to participate in decision-making. We have also included community forums to solicit input from community members and evaluate social license, or acceptance, of the mariculture industry in PWS.

D. EJCPS Model

Collaborative Problem Solving (CPS) Elements 1, 2, and 4 have been addressed by the state of Alaska and PWS. Administrative orders #280 and #297 led to the formation of the Alaska Mariculture Task Force, now called the AMA. The AMA is a non-profit organization, that represents >90 stakeholders across Alaska with the shared vision of "developing and supporting a robust and sustainable mariculture industry for the long-term benefit of Alaska's economy, environment, and communities" (Alaska Mariculture Task Force, 2018). The PM and project team (PWSEDD, NOF, ROKC) have participated in AMA meetings since 2021. PWS mariculture stakeholders have adopted this vision for mariculture for PWS and have held ongoing meetings since 2020, starting with a PWSEDD-hosted webinar series "Mariculture in PWS: Webinar Series for Independent Kelp Farmers." This series prompted conversations about a PWS community vision for mariculture and have continued through PWSSC-hosted mariculture committee meetings and attendance at the 2021 and 2023 Mariculture Conference of Alaska.

In developing this project, we further addressed CPS Element 2 and 4 by determining that CEC can provide a source of heat for drying seaweed. We will further address this element by educating PWS residents about the mariculture industry and soliciting their input. During the duration of this project, we will begin Elements 3, 5-7. Regular meetings between stakeholders, a written record of meetings, and clear communication are our main strategies for consensus building and dispute resolution (CPS Element 3). These meetings will also be used to ensure sound management and implementation of the project (CPS Element 6). While we will continuously evaluate lessons learned and replicate successes, CPS Element 7 will continue beyond project duration as we develop long-term solutions for processing in PWS.

E. Project Linkages

Our project will further the EPA strategic plan Goal 2, Objective 2.1 by:

- Building capacity for an industry that will provide a nutritious food source, offer an economic alternative to the fishing industry, and mitigate climate change.
- Providing a solution to an industry barrier that prevents community members from benefiting from another economy and food source.
- Benefiting PWS communities which are disproportionately affected by environmental disasters due to its reliance on renewable resources and food insecurity.

- Using a community-led approach to address a community need.
- Advancing the ability of PWS and coastal Alaskan communities to have the same resources and opportunities in the mariculture industry as more populated areas.

F. Partner and Collaborate

This project promotes collaborations with diverse stakeholders by including a project team that represents industry, business, science, education, and farmers. Each organization included on this proposal has been involved in community vision planning for the mariculture industry at the state and PWS-level since 2020 and regularly communicates with each other and dozens of other stakeholders through AMA meetings, attendance at the Mariculture Conference of Alaska, and PWSSC-hosted mariculture committee meetings. During this project, we will hold 12 stakeholder meetings for the project team to evaluate progress and to disseminate information to other federal, state, academic, industry, and non-profit stakeholders.

Our partnership will allow us to meet our goal of providing dedicated processing capacity for seaweed in PWS. CEC will provide a waste heat source from their Orca Diesel Power Plant that can dry seaweed without high electricity costs. PWSSC will conduct the science by collecting data, determining what factors affect drying rates of seaweeds, and identifying ways to optimize drying efficiency. PWSSC will also leverage their education department for providing community events that attract a diverse audience. As a regional economic development organization, PWSEDD will facilitate stakeholder meetings and assist with identifying long term solutions for processing in PWS. The farmers, NOF and ROKC, will provide their seaweed for evaluating the drying efficiency of this structure and contribute to community events. Together, we have the resources and interest in solving this need for our community.

Partner Descriptions, Planned Roles/Contributions, and Project Interest:

Prince William Sound Science Center (PWSSC)- CBO: PWSSC will act as the pass-through entity for any contracts and ensure that funds are distributed after work has been performed. The PM, an employee of PWSSC, will participate in Activities 1-11 by managing the project, ensuring milestones are met, establishing the temporary structure, drying kelp, data collection, data analysis, reassessment/optimization in collaboration with project team, facilitating regular stakeholder meetings, collecting survey data at community events, planning the processing workshop, reporting, and disseminating results. PWSSC is participating in this project because it is dedicated to advancing the mariculture industry for community resilience and sustainable use of the PWS ecosystem.

Prince William Sound Economic Development District (PWSEDD)-CBO: PWSEDD serves the communities of Chenega, Cordova, Tatitlek, Valdez, and Whittier as a regional development non-profit organization. For over 25 years, the PWSEDD has worked with municipal and tribal governments, businesses, and residents to improve the business climate and the quality of life in PWS. The scope of PWSEDD's work ranges

from infrastructure development to mitigating climate change (McKinley, 2021). PWSEDD will assist with Activities 5-9 and 11 by leveraging their existing community relations to engage other stakeholders, advertise community events, network with stakeholders to identify long-term solutions for processing capacity, provide market information for the business viability analysis, and disseminate project results in PWS. PWSEDD is participating in this project because they recognize that processing is a barrier to industry growth, and therefore economic diversity of PWS.

Cordova Electric Cooperative (CEC)-industry: CEC is the only electric utility company for Cordova. CEC provides local, renewable sources of energy including two hydropower plants that provided 71% of electricity generation in 2022. A diesel power plant provides the remainder at a rate that is 7 times more expensive (CEC, 2023). CEC recovers ~10% of waste heat from the diesel plant for on-site heating. CEC has received funding from the Department of Energy for a pilot initiative titled "Resilient District Heating for Sustainable Energy Adoption in Cordova Emergency Center ([HYPERLINK "https://www.energy.gov/eere/iedo/technical-partnerships-foa-selections"])", that will evaluate diverting waste heat to city buildings. CEC will assist with Activity 1 by providing space on the Orca Power Plant property to erect a temporary structure that is heated with waste heat for drying kelp from 2024-2026. CEC is a non-financial partner and supports this project because it captures waste heat for the benefit of Cordova.

Noble Ocean Farms, LLC (NOF)-local business: NOF is co-owned by Skye Steritz and Sean Den Adel who began farming in 2021 in Simpson Bay of PWS and have been pioneers of the mariculture industry. For this project, they will provide kelp in spring of 2024-2026 and assist with activities 1, 2, 7, 10, and 11 by establishing the temporary structure, providing 1000 lb. of kelp for drying, assisting with drying operations, hosting community events, training processing workshop attendees, and presenting at the Mariculture Conference of Alaska. NOF is participating in this project because they do not have an alternative for processing seaweed and need local capacity to remain active in the mariculture industry.

Royal Ocean Kelp Company, LLP (ROKC)-local business: ROKC is a family-owned kelp farm that has been operating in Windy Bay of PWS since 2021. Co-owner, Thea Thomas, is also the chair of the AMA Outreach Committee. ROKC will assist with activities 1, 2, 7, and 11 by establishing the temporary structure, providing at least 500 lb. of kelp for drying, assisting with drying operations, hosting community events, presenting at the Mariculture Conference of Alaska, and disseminating information to the AMA. ROKC is participating in this project because they do not have an alternative for processing seaweed and need local capacity to remain active in the mariculture industry.

We will maintain these relationships into the future by continuing to meet during stakeholder meetings and work together on projects that improve prospects for the mariculture industry in PWS. The PWSSC will generate professional service contracts with PWSEDD, NOF, and ROKC to compensate for time allocated towards this project.

Our relationship with CEC is non-financial. We will abide by the EPA's Subaward Policy and EPA Guidance on Participant Support Costs by only compensating for time dedicated to progressing this project.

2.0 Project Activities/Milestone Schedule

A. Project Activities

Project Goal: Address an industry barrier by determining if waste heat can be used to efficiently dry large quantities of seaweed.

Objectives and Corresponding Activities (1-11):

1. Establish a temporary structure that uses waste heat from a diesel power plant to dry seaweed efficiently (1-6)
2. Identify long-term options for processing and assess business viability (5, 8-9)
3. Build acceptance or social license for mariculture (7,11)
4. Provide training to increase the mariculture workforce (10).

Activity 1. Establish a structure for drying seaweed using waste heat from a power plant. In the spring of 2024, we will construct a portable structure (steel frame, canvas cover) adjacent to the CEC Orca Power Plant in Cordova. With assistance from CEC, we will run ducting from the diesel power plant to the structure to divert waste heat from diesel generators. We will heat the structure for at least one week prior to drying kelp and utilize sensors to take daily measures of temperature and humidity inside and outside of the structure. These measurements will be used to assess consistency of the drying environment with varying outdoor conditions. In 2025 and 2026, this data will also be used to define the ideal temperature and humidity parameters for optimized drying rates and times. At the end of the drying season, this structure will be removed from CEC property. This activity will result in an established structure for drying and dedicated capacity for processing kelp.

Activity 2. Dry locally grown seaweed from 2024-2026. NOF and ROKC will provide a subset of their kelp harvest (~500-1000 lbs) to evaluate drying efficiency each year. NOF and ROKC will harvest their kelp from Simpson and Windy Bays, respectively, from their permitted farms. They will transport their kelp to the PWSSC where we will use an electric salad spinner to remove excess water. The kelp will then be transported to the portable structure at the CEC Orca Power Plant and distributed onto racks. We will utilize a variety of methods to minimize time spent distributing kelp and optimize the use of the space. This may include racks with trays, hanging kelp, or designing a tumbler system that moves the kelp continuously. At each stage, pictures will be taken to later evaluate density of kelp per rack for later correlation with drying rates/times. Drying will result in numerous data outputs including drying rate, drying time, water activity (a_w), pounds of wet kelp dried, density, labor hours, and internal/external temperature and humidity. This data will be used to reassess and optimize the efficiency of the structure for drying kelp for the following year. As the structure is optimized for efficient drying, we will increase the amount of wet kelp to determine the maximum

amount that can be dried per unit time. The farmers will assess quality control of dried, food-grade kelp by sending samples to Chris Sannito, the Seafood Technology Specialist at Alaska Sea Grant.

Activity 3. Quantify drying times, rates, heating needs, and labor hours necessary for adequate drying. Data collection will occur at regular intervals during the drying process (6, 12, 24, 48, 72, 96 hours, etc). We will use a_w, a ratio of vapor pressure of the kelp to the saturated vapor pressure of pure water that predicts bacterial and mold growth (Heldman, 2013), as a metric for dryness. A a_w of 0.7-0.8 (0.929 ± 0.025 average for wet kelp; Sappati et al., 2018) is required for a shelf-stable product (Gupta et al., 2011). However, a lower a_w would be ideal for developing crispier food-grade products or powdered kelp for beauty/hygiene products. We will evaluate whether we can dry to a a_w of 0.7-0.8 and the lowest a_w that can be achieved. To measure a_w, we will store samples in vacuum sealed bags and utilize an AquaLab water activity meter at the PWSSC laboratories, as described in Sappati et al., (2018). Frequent a_w measurements will be used to calculate drying rates and the average time to reach a desired a_w. We will keep records of hours spent distributing wet kelp, monitoring, and removing dry kelp through a log-in sheet to determine how much labor is required per unit of wet kelp that enters the structure. These data outputs will guide subsequent activities.

Activity 4. Analyze Data. Our analysis of drying data will focus on determining what factors affect drying rates and how much effort (hours, persons) is required per unit of wet kelp. We anticipate that numerous factors will affect drying including: internal/external temperature and humidity, kelp density on racks, fan/dehumidifier usage, kelp blade size, and pounds of wet kelp inside the structure. We will use linear and nonlinear regressions in Prism (Graphpad) to evaluate statistical relationships between drying rates and factors of interest. We will also identify the lowest a_w that can be achieved and the minimum time needed to reach a shelf-stable product (a_w =0.7-0.8).

Activity 5. Hold regular stakeholder meetings. We will hold stakeholder meetings at least 2 times per year to provide progress updates to the project team and build consensus. These meetings will be in person at the PWSSC or virtual. Other mariculture stakeholders will be invited to these meetings to learn about project progress and provide input. During these meetings, we will ensure milestones are being met, assess performance metrics, optimize drying efficiency, renegotiate resources, delegate tasks, identify ways to disseminate project results, identify and track progress towards long-term solutions for processing capacity, and resolve disputes. The PM will generate agendas for each meeting that allocate time for each of these tasks.

Activity 6. Reassess and optimize drying efficiency. Each year, the outputs of Activities 1-5 will be used to optimize the drying efficiency of the structure for the following year by maximizing the amount of wet kelp that can be dried and minimizing labor hours. To accomplish this, we will make modifications as needed including increasing rack space, using an alternative to racks (electric tumbler), altering kelp density, and utilizing fans and ventilation to reduce heat or adding ducting for more heat. Modifications will be

compared to previous methods to evaluate changes in drying rates and labor needs. This activity will provide science-backed information for best practices to dry kelp.

Activity 7. Assess social license for kelp farming. We will hold two types of community events during this project: a food-tasting demonstration (fall 2024, 2025) and a community forum (winter 2024, 2025). The food-tasting demonstration will provide information to community members on the kelp industry, samples of kelp products, and activities for children. The PWSSC education staff will assist with this event by advertising and providing existing mariculture-related K-12 activities. We will survey 50 participants at each event (n=2), orally or with a written survey (see Appendix A) that evaluates interest in eating and cooking with kelp and social license to operate.

The community forum will invite community members and stakeholders to provide input and ask questions about mariculture. This forum will be mediated by a TBD neutral third-party (e.g., a representative of the City of Cordova, Cordova District Fishermen's United) and responses will be recorded. We will also use a "social license to operate" survey to evaluate community approval of the mariculture industry and this project in comparison to background information like city of residence, profession, and duration of time living in Alaska. This survey was developed by the project team based on social license surveys for other industries and for seaweed (Boutilier, 2017; Billing et al., 2020). To avoid bias in our data, we will also survey participants at other PWSSC events that are not related to mariculture. This will also help us reach our desired sample size if events are not well attended. Oral and written responses will be binned into categories for main concerns and interests in the mariculture industry and growing capacity for drying kelp in PWS. We aim to survey a total of 200 participants during this project and use this data to track changes in social license for mariculture during and after this project.

Activity 8. Evaluate scalability and long-term solutions. Utilizing the CEC power plant property for a temporary structure is a short-term solution for providing dedicated capacity to drying seaweed. If this project demonstrates that utilizing waste heat is an efficient means of drying large quantities of kelp, we will evaluate several options for long-term drying capacity and explore alternatives. Identified long-term options include:

1. PWSSC offers a user lease agreement,
2. A kelp farmer cooperative is developed to lease the structure,
3. A small business is developed by a community member, or
4. Established fish processors take on seaweed processing.

Each of these options will depend on identifying an alternative site for the drying seaweed. Currently, CEC is not recovering waste heat for use off-site of the Orca Power Plant property. However, they have received funding from the Department of Energy for a pilot initiative, REDSEA, that will evaluate piping waste heat to city buildings to reduce community energy costs in Cordova. This may present an opportunity to continue using waste heat at another location in Cordova beyond the duration of this project. Alternatively, we may continue our collaboration with CEC, utilizing a site on or near

their property, to continue this project beyond 2026. Evaluating these options and exploring alternatives will include holding meetings with mariculture stakeholders and property owners adjacent to the CEC diesel power plant. These meetings will disseminate information, gathered during Activities 1-5, about drying efficiency using waste heat and the viability of a business that utilizes this method (Activity 9).

Activity. 9. Assess business viability. We will determine whether seaweed processing using waste heat is economically viable for a mariculture stakeholder or local business in PWS to continue operating beyond project completion. We will contract with the Alaska Manufacturing Extension Partnership (MEP) Center for 9 months in 2025-2026 to have a TBD University of Alaska business undergraduate conduct a viability analysis of our project. This student will compare data from this project to conventional drying methods and identify price points for food-grade and non-food-grade products (hygiene products, fertilizer, cattle feed) that would generate positive profit margins. This analysis will incorporate facility costs, projected price-points for waste heat, utility costs, and drying and effort data and synthesize data on existing kelp markets. The student will be responsible for identifying data sources with assistance from PWSSC and PWSEDD.

Activity 10. Train current and prospective kelp farmers about kelp processing. We will provide a processing workshop in 2025 and 2026. The PWSSC currently hosts an annual "Kelp the Sound" workshop which provides an overview of kelp farming and attracts participants from throughout PWS. This processing workshop will provide further training to teach attendees (n=20 per year) about processing, food-grade products, non-food-grade products, and marketing. This workshop will be free to participants and survey attendees (Appendix A) to improve workshop content.

Activity 11. Disseminate Results. We will share the results of this project at the Mariculture Conference of Alaska in Juneau (winter 2025, 2026), community food demonstrations (fall 2024, 2025), community forums (winter 2025, 2026), Delta Sound Connections and The Breakwater newsletters (winter 2024-2025), a City of Cordova council meeting (2026), and through scientific publication of drying results (fall 2026).

B. Milestone Schedule

This project will occur between the fall 2023 and fall 2026. Seaweed harvest occurs between April to May each year and we anticipate drying and data collection will take 3 weeks to complete. Data analysis will precede stakeholder meetings so that the project team and stakeholders can evaluate results prior to reassessment which will guide the following year's drying procedure. We have included 3 years of data collection to ensure that we have two opportunities to optimize drying efficiency. Community events and workshops will occur in winter months so that community members can attend during the off-season for fishing. In 2025-2026, we will evaluate long-term options over the course of at least 1 year. The business viability analysis will begin in the fall of 2025 and take 9 months to complete. Project activities will co-occur during project duration and completion of each activity represents a major milestone (Figure 1).

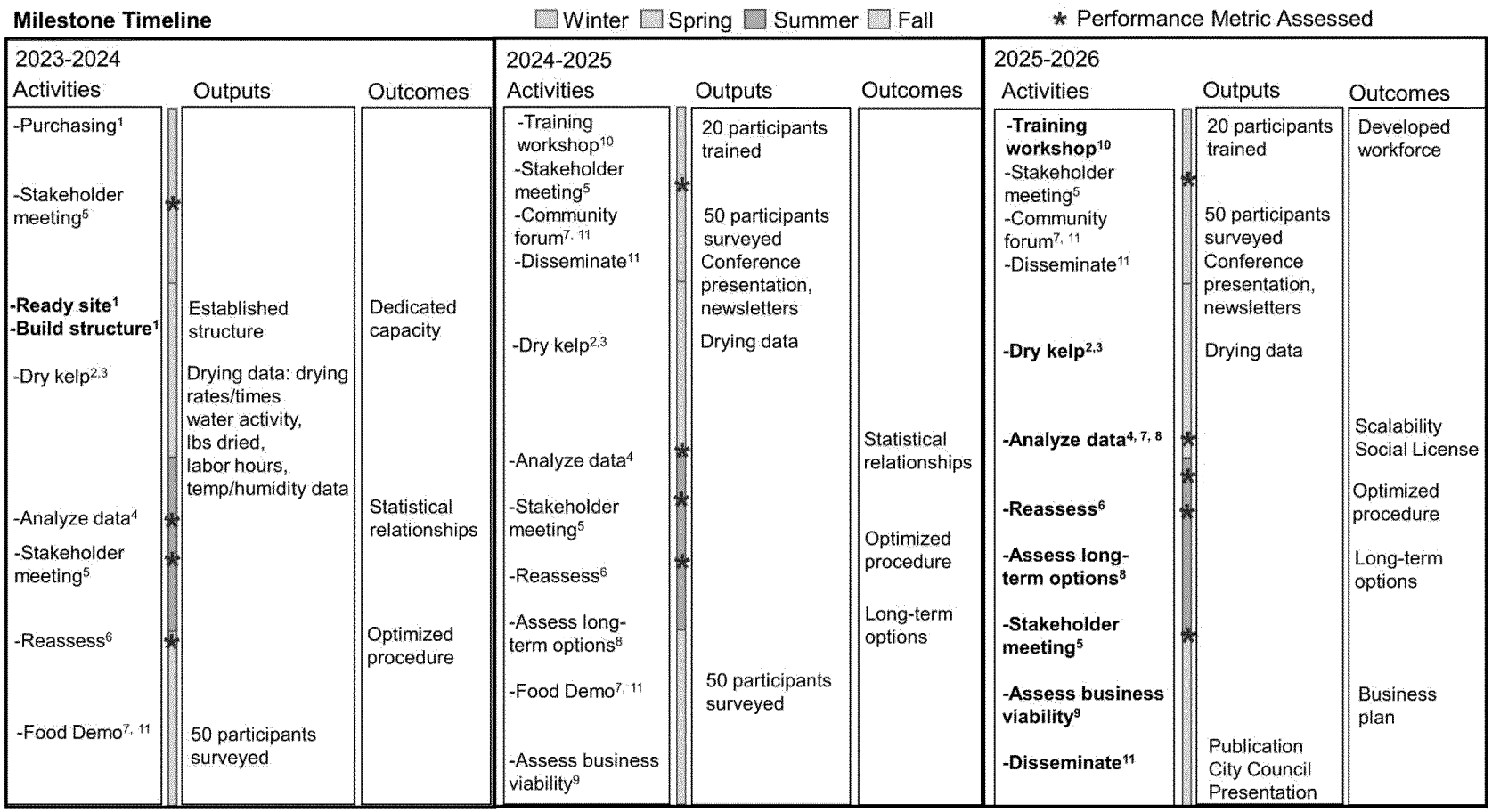

Figure 1. Project Milestone Schedule. Each year, starting in November, we will conduct activities (denoted by superscript to relevant Project Activities 1-11) which will result in outputs and short-term outcomes. Activities near the top of the chart occur first for each year with anticipated season for each activity denoted by color. A red asterisk indicates a performance metric will be used to assess project success at this time point (see Project Performance Management Plan). Activities in bold indicate a major milestone which is the completion of that activity (1-11).

3.0 ENVIRONMENTAL RESULTS

A. Environmental Results – See attached Logic Model

B. Performance Measurement Plan.

We will monitor the progress of this project through regular stakeholder meetings (Activity 5) and ongoing reassessments of drying operations (Activity 6) during at least 12 time points (Figure 1). Data analysis and reassessments will provide an opportunity after each drying season to assess data quality, identify trends in the data, and use those trends to improve the efficiency of drying operations. During each reassessment (summer 2024-2026), the project team will answer the following questions:

1. Is the structure working?
2. Do we have enough data (power analysis) and does it make sense?
3. Are we able to acquire a minimum, shelf stable a_w level of 0.8?
4. What can we change about the drying operation to increase efficiency?
5. Did we dry more kelp this year than the year prior?
6. Are community events well attended?
7. Is there bias in our survey data?
8. Are community member in favor of the project and mariculture industry?
9. Are workshops well attended and are attendees satisfied with training?

The answers to these questions will guide the following year's activities and be presented at stakeholder meetings. Stakeholder meetings will be used to make sure each project team member (PM, NOF, ROKC, PWSEDD, CEC) is completing assigned tasks and outputs are being generated and contributing to our short and long-term outcomes (see Logic Model). During each stakeholder meeting (summer, winter 2023-2026), we will answer the following questions:

1. Is the project team meeting the milestones of our established timeline (Figure 1)?
2. Are we generating anticipated outputs?
3. What short-term outcomes have we accomplished?
4. Can we broaden our collaborations with mariculture stakeholders?
5. What stakeholders or community members should we meet with about long-term options for drying capacity?
6. Do we have enough information to complete a business viability assessment?
7. What are the intermediate and long-term outcomes of our work?
8. What can we do to disseminate information more effectively to the community and mariculture stakeholders?

The answers to these questions will be used to ensure we are meeting project milestones (Figure 1) and that our outputs and results are being disseminated to mariculture stakeholders and the community.

C. Sustainability Plan and Community Vision

The state of Alaska and PWS envision "communities with a robust and sustainable mariculture industry for long-term benefit of Alaska's economy, environment, and communities". We also envision a mariculture industry that generates $100 million annually within 20 years that will increase economic diversity and food security for Alaska and PWS. Mariculture stakeholders agree that processing is the greatest barrier to this industry because it prevents product and market development and leaves farmers with 1000's of pounds of wet kelp that they process with meager equipment in their own kitchens. This proof-of-concept study provides a short-term solution to this industry barrier that will help current farmers stay in operation and begin developing products out of dried seaweed. We will use the results of this short-term solution to identify and establish a long-term solution so that PWS does not return to a state where it lacks processing capacity. Our results (Table 2) will be used to inform stakeholders, inspire new ideas and conversations, and build acceptance amongst community members for the mariculture industry. PWS is already a leader in Alaska mariculture and this project would maintain the momentum that we've spent years building to reach our community vision. The partners on this project represent a subset of the stakeholders interested in developing mariculture in PWS. Current work towards this vision includes:

- AMA is hiring a PWS mariculture liaison who will travel to all 5 PWS communities annually to share information and provide training.
- Native Village of Eyak operates a research farm in PWS that evaluates best practices for kelp farming.
- PWSEDD and PWSSC are partners with the Alaska Mariculture Cluster, led by the Southeast Conference, which will provide processing equipment funds by region.
- Native Conservancy offers a Native Regenerative Fund to support Native farmers who grow kelp and prevent barriers that exclude Native peoples from this industry.
- PWSSC received funds to develop a seaweed hatchery.
- PWSSC provides a "Kelp the Sound" farmer training workshop.
- *Exxon Valdez* Oil Spill Trustee Council (EVOSTC) funded the Mariculture Research and Restoration Consortium to study how mariculture farms affect the ecosystems of PWS, Cook Inlet, and Kodiak Island.

Our data and results will be shared with other communities in PWS through presentations to the AMA, the AMA-funded PWS mariculture liaison, and [HYPERLINK "https://amrtc.org/"], a repository for mariculture information across Alaska.

4.0 PROGRAMATTIC CAPABILITY

A. Organizational Experience

PWSSC has 34 years of experience of receiving federal and non-federal grants, managing projects, and reporting. PWSSC scientists have an extensive publication record and a track record of disseminating information to the community through

education programs, and [HYPERLINK "https://pwssc.org/education/delta-sound-connections/"] and The Breakwater newsletters. The PWSSC recently moved into its new 5-acre, 20,000 sq. ft [HYPERLINK "https://pwssc.org/support/new-campus/"] which includes advanced laboratories, a running seawater lab, and education space. During this project, the PWSSC will be utilized to stage the project, store supplies and equipment, and provide training workshops.

B. Staff Experience / Qualifications of Project Manager (PM)

The PM has 6 years of experience managing scientific research projects and currently manages 4 grants, 3 of which grow capacity for mariculture in PWS. These projects include 1) EVOSTC funded [HYPERLINK "https://evostc.state.ak.us/restoration-projects/project-search/sustainable-mariculture-development-for-restoration-and-economic-benefit-in-the-evos-spill-area-22220302/"] to evaluate fish interactions with mariculture farms, 2) NOAA funded Alaska Marine Education and Training Mini-Grant Program for farmer training workshops, and 3) Pacific States Marine Fisheries Commission funded project to start a kelp nursery at the PWSSC. These projects were developed through communication with PWS farmers and stakeholders. ROKC and NOF farmers are also involved in these projects and assisted the PM with providing the first kelp farmer training in 2023. PWSEDD staff provide additional expertise to this project through their extensive industry stakeholder network that spans PWS and multiple interest groups.

C. Expenditure of Awarded Grant Funds

The PWSSC has the adequate controls, systems, and procedures to comply with the EPA's Pre-Award Compliance Review for Nonprofit Organizations. If awarded, we will be prepared to submit the EPA's Administrative Capability Questionnaire prior to release of funds.

5.0 PAST PERFORMANCE

The following federal and state-funded assistance agreements have been successfully managed and either completed or in progress. All progress and financial reporting requirements have been timely and adequately reported.

1. *Long-Term Monitoring & Herring Research & Monitoring Program* (02/01/2017 to 01/31/2023), Award Total $11,819,289; NOAA- passed through from EVOSTC
   Eleven sub-awardees and one multi-year professional service contract
   NOAA reporting: Semi-annual financial and technical progress reports
   EVOSTC reporting: Semi-annual technical progress reports, annual financial reports
   Final technical reports required by both agencies
2. *Gulf Watch Alaska Research and Monitoring* (06/01/2023 to 05/31/2027), Award total $14,135,770; NOAA- passed through from the EVOSTC
   Nineteen sub-awardees.
   NOAA reporting: Semi-annual financial and technical progress reports
   EVOSTC reporting: Annual financial and technical progress reports
   Final technical reports required by both agencies

3. *Observations of Meteorological and Oceanographic Conditions* (07/01/19 to 03/01/22), Award total $383,715; NOAA- passed through from Alaska Ocean Observing System (AOOS)
   Semi-annual technical progress and financial reports
4. *Body size and spawning abundance of sockeye salmon* (07/01/19 to 03/01/22), Award Total $339,283; NOAA- passed through from the EVOSTC
   Annual technical progress and financial reports
5. *Facilities Replacement* (07/01/2019 to 06/30/2024 – expended and closed 05/31/2022), Award Total $17,500,00; State of Alaska; Department of Commerce, Community and Economic Development (DCCED) – passed through from the EVOSTC
   DCCED report requirements – Monthly financial reports with descriptive narrative progress reports – Certificate of Significant Completion
   EVOSTC report requirements – Project status updates as requested by funder

6.0 QAPP

We will not use existing environmental data or collect new data to complete this project.

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OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 03/24/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: TerraGraphics International Foundation Inc

* b. Employer/Taxpayer Identification Number (EIN/TIN): 45-4007725

* c. UEI: C83QUXEKJ2C4

d. Address:

* Street1: 121 S. Jackson Street
Street2:
* City: Moscow
County/Parish:
* State: ID: Idaho
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 83843-2037

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Dr.
* First Name: Casey
Middle Name:
* Last Name: Bartrem
Suffix:

Title: Executive Director

Organizational Affiliation:

* Telephone Number: Ex. 6 Personal Privacy (PP)
Fax Number:

* Email: casey@terrafound.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

1244-DVIR map.pdf | Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Adapting the National Incident Management System (NIMS) for emergency response to achieve meaningful input on mining (NIMS4MIM)

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: ID-001 * b. Program/Project: NV-002

Attach an additional list of Program/Project Congressional Districts if needed.

1245-Congressional Districts for DVIR.txt | Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 10/01/2023 * b. End Date: 09/30/2026

18. Estimated Funding ($):

* a. Federal	434,715.08
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	434,715.08

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Dr. * First Name: Casey

Middle Name:

* Last Name: Bartrem

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 Personal Privacy (PP) Fax Number:

* Email: casey@terrafound.org

* Signature of Authorized Representative: Casey Bartrem * Date Signed: 03/24/2023

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

NIMS4MIM

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N: No
N: No
Y: Yes
Y: Yes
Y: Yes
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$242,295.19 MTDC x 10% de minimus rate =$24,229.52
See Budget Detail and Narrative included with submission for detailed cost breakdowns.

1235-Budget Detail and Narrative_NIMS4MIM.pdf
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1236-Logic Model_FINAL_NIMS4MIM.pdf
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1237-NIMS4MIM letters of support from partners.pdf
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1238-NIMS4MIM Key Personnel Resumes.pdf
application/pdf
xRx+6njXePEgpk6wXt7+07svYQI=

1239-TIFO 501c3 IRS determination letter.pdf
application/pdf
M92IW2Me94uYn+LLovW92GCMcek=

1240-Acronym List and References.pdf
application/pdf
qejrwXW38EoLeQyHtpvT9m7o44w=

1241-2022 One Habitat EJSG sf425_TIFO_EPA_closeout.pdf
application/pdf
DQtw6E6MmJWEColc34fMQM/K6Vc=

1242-2022 One Habitat EJSG Final Report.docx
application/vnd.openxmlformats-officedocument.wordprocessingml.document
OaVcb6rbYKFSCKSkTHfpq+CdoIM=

1243-2022 EJSG One Habitat Photo Essay report highlights.pdf
application/pdf

UZ+Hy4Kfyf61BOvpwfs4mHOfl3k=

Application
New
2023-03-24
TerraGraphics International Foundation Inc
45-4007725
C83QUXEKJ2C4
121 S. Jackson Street
Moscow
ID: Idaho
83843-2037
USA: UNITED STATES

Dr.
Casey
Bartrem

Executive Director
Ex. 6 Personal Privacy (PP)
casey@terrafound.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
1244-DVIR map.pdf
application/pdf
Jesr74p5hf/gFT+NalwoAvFGqsM=

Adapting the National Incident Management System (NIMS) for emergency response to achieve meaningful input on mining (NIMS4MIM)
ID-001
NV-002
1245-Congressional Districts for DVIR.txt
text/plain
mk738KiS6mke//yx/bDFA4sC1NU=

2023-10-01
2026-09-30
434715.08
0.00
0.00
0.00
0.00
0.00
434715.08
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Dr.

Casey
Bartrem

Executive Director
Ex. 6 Personal Privacy (PP)
casey@terrafound.org
Casey Bartrem
2023-03-24

MYIswZ/DKsVSL6kWG0WYdnj9U64=
2023-03-24T14:14:32.000-04:00
Casey Bartrem
GRANT13838746

SMOKEWISE ASHLAND

Better Together

SOFEE
SOUTHERN OREGON FIRE ECOLOGY EDUCATION

Ashland Forest Resiliency
STEWARDSHIP PROJECT

Dear EPA –

The City of Ashland is a municipality serving 21,500 residents who live in a heavily forested community that's experienced significant loss from wildfire and impacts from wildfire smoke. Ashland was rated #9 out of 377 Oregon communities analyzed for wildfire risk by the U.S. Forest Service in 2018. Ashland has been threatened by large wildfires including the 2010 Oak Knoll Fire, which burned 11 homes and damaged three more in less than an hour. The 2020 Almeda Fire began at the northern edge of the City and moved quickly down the valley, decimating the towns of Talent and Phoenix. The Ashland community has taken bold action to prevent more wildfire and plan for wildfire smoke. The Wildfire Division at Ashland Fire & Rescue helps organize Ashland Forest Resilience(AFR), Smokewise Ashland, Southern Oregon Fire Ecology Education(SOFEE) and Fire-Adapted Ashland. Each of these projects has made the community more prepared for smoke and wildfire.

Recently, the City of Ashland and Ashland Fire & Rescue secured a $40,000 grant with the Oregon ASP3IRE Center for helping organizations serving children adapt to wildfire smoke in Ashland, Oregon. Research and field work completed for improving (IAQ) in spaces utilized by children will be used for train-the-trainer classes to help organizations serving children develop their own smoke preparedness plans for improving health outcomes for the 91,000 children living in the Southern Oregon Wildfire Resilience Education area. Each child in Southern Oregon is at risk from the long-term health damages of PM 2.5. EPA funding resources and expertise are needed for improved collaborative planning for vulnerable populations and detailed risk assessments for children and youth for inclusion in regional wildfire plans. Additional funding will also facilitate implementation of more wildfire resilience education projects serving students and youth. The Ashland Forest Resiliency and City of Ashland is committed to:

- Facilitating the transfer of the SOFEE project from the City to Southern Oregon Forest Restoration Collaborative(SOFRC) for a broader geographic area and reach
- Sharing and development of smoke preparedness curriculum and resources for area facilities serving children 0-18 in train-the-trainer classes
- Assisting in development of diversity, equity and inclusion planning for regional wildfire resilience education
- Providing services for teacher training and collaborative planning of fire prevention, fire safety and fire basics education with ScienceWorks in student pilots

Sincerely,

Sara Jones, Community Engagement Coordinator, Ashland Forest Resiliency
Sara.jones@ashland.or.us, Ex. 6 Personal Privacy (PP) 455 Siskiyou Blvd, Ashland, OR 97520

Oregon
Tina Kotek, Governor

OREGON DEPARTMENT OF EDUCATION
Oregon achieves . . . together!

Colt Gill
Director of the Department of Education

April 7, 2023

To: EPA Grant Review Committee
Subject: Letter of Endorsement for the Oregon Forest Restoration Collaborative

I am writing in support of a grant by Southern Oregon Forest Restoration Collaborative (SOFRC) with Environmental Protection Agency Region 10. The grant is an effort to advance the collaborative planning for wildfire resilience education for all student populations and learners including underserved and vulnerable populations. SOFRC is coordinating with regional education partners and land management organizations to provide wildfire education in Southern Oregon in an effort to be more adapted and prepared for wildfire and smoke. The implementation of the FireBright and Southern Oregon Forest & Fire Ecology curriculums will assist in these efforts. This collaboratively planned fire education for k-12th grade students and youth workforce training and development in the Rogue Valley will facilitate greater coordination among organizing partners and achieve the mission set forth in the National Cohesive Wildfire Strategy for – *Fire-adapted communities: Human populations and infrastructure can withstand a wildfire without loss of life and property.*

The FireBright and Southern Oregon Forest & Fire Ecology program will have students in Southern Oregon be informed and engaged by understanding fire ecology, wildfire resilience and forestry education and develop their knowledge, skills, and confidence so they can be stewards of a healthy forest and make good decisions during a wildfire or smoke emergency. The end result will have students and families actively participate in future decisions that will shape the economic, social, and ecological outcomes from science-based management of Southern Oregon's forest ecosystems. Additionally, addressing air quality and community resiliency challenges, students and teachers will partner with our education coalition to address the threats from increasing wildfire. The student learning goals will meet the education goals outlined in the Rogue Valley Integrated Fire Plan (RVIFP) and the funding will serve as a conduit for planning the long-term wildfire education and career pathways goals for meetings the needs of the student population.

Within the Southern Oregon area, students recently went through both home loss and evacuation during the Oregon 2020 Fire Storm where locally, the Almeda and South Obenchain Fires burned 2900 homes. Students and families are still currently displaced from these fires which creates a social and economic burden on families. As part of this program that provides comprehensive trauma informed wildfire education students receive the social-emotional support and wrap around education needed to thrive in a wildfire prone environment. The investment within this project will benefit not only Southern Oregon, but will be extended and shared across Oregon. The end result will have greater education towards some of the greatest hazards associated with both smoke and wildfire due to the changing climate and warmer temperatures.

Education and community engagement are critical components of the RVIFP. When Southern Oregon students are educated about potential hazards faced during and after a wildfire and have a greater knowledge of our local forests; as a community, we are more prepared for climate change.
Sincerely,

Reynold Gardner, PhD
Agricultural Education Specialist
Oregon Department of Education

255 Capitol St NE, Salem, OR 97310 | Voice: Ex. 6 - Personal Privacy (PP) | Fax: Ex. 6 - Personal Privacy (PP) |

Oregon State University

Southern Oregon Research and Extension Center
Oregon State University
569 Hanley Road
Central Point, Oregon, 97502

P Ex. 6 - Personal Privacy (PP) | Ex. 6 - Personal Privacy (PP)
extension.oregonstate.edu/sorec

4/13/2023

Jacob Burney
Office of Environmental Justice
USEPA Headquarters
William Jefferson Clinton Building
1200 Pennsylvania Avenue NW
Washington, DC 20460

Mr Burney,

We are writing to strongly support the proposal set forth by the Southern Oregon Forest Restoration Collaboration (SOFRC) for the Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program in the Environmental Protection Agency (EPA) Region 10. Catastrophic wildfire impacts populations of all demographics in our region. Much of the attention and funding has gone to people living in the Wildland Urban Interface, but the recent uptick in wildfire activity, highlighted by the community destroying wildfires of 2020, called "The Labor Day Fires" showed us this approach is not enough to help those living in town, often as renters in denser developments, including trailer parks, who have less control over their landscapes to improve fire resiliency.

The challenges of living with wildfire, on the other hand, also present an opportunity. Careers in wildland firefighting are both lucrative and do not require a degree. For the past three years Oregon State University Extension (OSU Ext.) has been in partnership with SOFRC to develop and run a high school Career and Technical Education curriculum, FireBright, that helps students of all backgrounds both recognize that they can play a proactive role in defending their communities against wildfire, as well as helping interested students start on the path to a wildfire or natural resource related career.

In our development of the FireBright curriculum, we have found a desire by teachers and students for this material in all schools, but especially those schools working with students that come from a variety of backgrounds thanks to hands-on labs, career path development and trauma-informed care. We have worked with students that have faced expulsion, have experienced high levels of trauma in their lives, including due to loss from catastrophic wildfire, and students from lower income families.

With SOFRC's help, OSU Ext has been able to develop the FireBright Curriculum and pilot test it in 5 different schools. Through this proposal, SOFRC seeks to build on this work by spreading the FireBright Curriculum as well as the Sothern Oregon Forest & Fire Ecology (SOFFE) curriculums to additional schools, provide more concrete pathways to wildfire careers by adding paid internship opportunities and trainings, and helping students to graduate from high school with certification to fight wildfire. This is an opportunity for the long term, to help wildfire vulnerable communities to help themselves, while getting paid to do so.

We greatly appreciate your consideration of this proposal to help continue and expand on great work being done to help our local communities become resilient to wildfire in the face of climate change.

Kara Baylog
Program Coordinator – FireBright Lead Author
Oregon State University

Agricultural Sciences & Natural Resources, Family and Community Health, 4-H Youth, Forestry & Natural Resources, Extension Sea Grant, Open Campus, and Outdoor School programs. Oregon State University, United States Department of Agriculture, and Oregon counties cooperating. The Extension Service offers its programs and materials equally to all people.

April 10, 2023

Dear EPA Grant Decision-Makers,

I am writing in support of a grant by Southern Oregon Forest Restoration Collaborative (SOFRC with Environmental Protection Agency Region 10(EPA) to advance collaborative planning for wildfire resilience education for all student populations and learners including underserved and vulnerable populations.) SOFRC is coordinating with regional education partners and land management organizations to provide wildfire education that will help vulnerable populations located in Southern Oregon be more adapted and prepared for wildfire and smoke through implementation of the FireBright and Southern Oregon Forest & Fire Ecology curricula. Collaboratively planned fire education for k-12th grade students and youth workforce training and development in the Rogue Valley will facilitate greater coordination among organizing partners and achieve the mission set forth in the National Cohesive Wildfire Strategy for – *Fire-adapted communities: Human populations and infrastructure can withstand a wildfire without loss of life and property.*

The goal is to immerse Southern Oregon students in fire ecology, wildfire resilience and forestry education and develop their knowledge, skills, and confidence so they can be stewards of a healthy forest and make good decisions during a wildfire or smoke emergency. We want students, youth, individuals, and families to actively participate in future decisions that will shape the economic, social, and ecological outcomes from science-based management of Southern Oregon's forest ecosystems. To address air quality and community resiliency challenges, students and teachers will partner with our education coalition to address the threats from increasing wildfire. The curriculum's learning goals will meet the education goals outlined in the Rogue Valley Integrated Fire Plan (RVIFP) and the funding will serve as a conduit for planning the long-term wildfire education and career pathways goals for meetings the needs of the student population.

In our area, students recently went through both home loss and evacuation during the Oregon 2020 wildfires where locally, the Almeda and South Obenchain Fires burned 2900 homes. We still have students displaced from the Almeda and South Obenchain Fires which creates a social and economic burden on families. In coordination of comprehensive trauma informed wildfire education, we can ensure students receive the social-emotional support and wrap around education needed to thrive in a wildfire prone environment. The investment in Southern Oregon will be extended and shared across Oregon where some of our greatest hazards come from both smoke and wildfire due to the changing climate and warmer temperatures.

Education and community engagement are critical components of the RVIFP. When Southern Oregon students are educated about potential hazards faced during and after a wildfire and have a greater knowledge of our local forests, we are more prepared as a community for climate change.

Sincerely,

Kristin Babbs, President and CEO
Keep Oregon Green Association (1941)

Oregon
Tina Kotek, Governor

Department of Forestry
Southwest Oregon District
Headquarters
5286 Table Rock Rd.
Central Point, OR 97502
Phone: Ex. 6 - Personal Privacy (PP)
Fax: Ex. 6 - Personal Privacy (PP)

April 3, 2023

Dear EPA Decision-Makers –

We are writing in support of a grant by Southern Oregon Forest Restoration Collaborative (SOFRC with Environmental Protection Agency Region 10(EPA) to advance collaborative planning for wildfire resilience education for all student populations and learners including underserved and vulnerable populations.) SOFRC is coordinating with regional education partners and land management organizations to provide wildfire education that will help vulnerable populations located in Southern Oregon be more adapted and prepared for wildfire and smoke through implementation of the FireBright and Southern Oregon Forest & Fire Ecology curriculums. Collaboratively planned fire education for k-12th grade students and youth workforce training and development in the Rogue Valley will facilitate greater coordination among organizing partners and achieve the mission set forth in the National Cohesive Wildfire Strategy for – *Fire-adapted communities: Human populations and infrastructure can withstand a wildfire without loss of life and property.*

Our goal is to have students in Southern Oregon supported by fire ecology, wildfire resilience and forestry education and develop their knowledge, skills, and confidence so they can be stewards of a healthy forest and make good decisions during a wildfire or smoke emergency. We want students, youth, individuals, and families to actively participate in future decisions that will shape the economic, social, and ecological outcomes from science-based management of Southern Oregon's forest ecosystems. To address air quality and community resiliency challenges, students and teachers will partner with our education coalition to address the threats from increasing wildfire. Our learning goals will meet the education goals outlined in the Rogue Valley Integrated Fire Plan (RVIFP) and the funding will serve as a conduit for planning the long-term wildfire education and career pathways goals for meetings the needs of the student population.

In our area, students recently went through both home loss and evacuation during the Oregon 2020 Fire Storm where locally, the Almeda and South Obenchain Fires burned 2900 homes. We still have students displaced from the Almeda and South Obenchain Fires which creates a social and economic burden on families. In coordination of comprehensive trauma informed wildfire education, we can ensure students receive the social-emotional support and wrap around education needed to thrive in a wildfire prone environment. The investment in Southern Oregon will be extended and shared across Oregon where some of our greatest hazards come from both smoke and wildfire due, in part, to the changing climate and warmer temperatures.

Education and community engagement are critical components of the RVIFP. When Southern Oregon students are educated about potential hazards faced during and after a wildfire and have a greater knowledge of our local forests; as a community, we are more prepared for climate change.

Sincerely,

Herb Johnson FIreiwse USA Coordinator ODF SWO

April 3, 2023

Dear EPA Decision-Makers,

Southern Oregon Forest Restoration Collaborative (SOFRC) is coordinating with regional education partners and land management organizations to provide wildfire education that will help vulnerable populations located in Southern Oregon be more adapted and prepared for wildfire and smoke. We are writing in support of a grant with Environmental Protection Agency Region 10(EPA) to advance collaborative planning for wildfire resilience education for all student populations and learners including underserved and vulnerable populations. Collaboratively planned fire education for K-12th grade students and youth workforce training and development in the Rogue Valley will facilitate greater coordination among organizing partners and achieve the mission set forth in the National Cohesive Wildfire Strategy for – *Fire-adapted communities: Human populations and infrastructure can withstand a wildfire without loss of life and property.*

Our goal is to have students in Southern Oregon supported by fire ecology, wildfire resilience and forestry education which will develop their knowledge, skills, and confidence so they can be stewards of a healthy forest and make good decisions during a wildfire or smoke emergency. We want students, youth, individuals, and families to actively participate in future decisions that will shape the economic, social, and ecological outcomes from science-based management of Southern Oregon's forest ecosystems. To address air quality and community resiliency challenges, students and teachers will partner with our education coalition to address the threats from increasing wildfire. The program's learning goals will meet those outlined in the Rogue Valley Integrated Fire Plan (RVIFP) and the funding will serve as a conduit for planning the long-term wildfire education and career pathways goals for meetings the needs of the student population.

In our area, students recently went through both home loss and evacuation during the Oregon 2020 Fire Storm where locally, the Almeda and South Obenchain Fires burned 2900 homes. We still have students displaced from the Almeda and South Obenchain Fires which creates a social and economic burden on families. In coordination of comprehensive trauma informed wildfire education, we can ensure students receive the social-emotional support and wrap around education needed to thrive in a wildfire prone environment. The investment in Southern Oregon will be extended and shared across Oregon where some of our greatest hazards come from both smoke and wildfire due to the changing climate and warmer temperatures.

Education and community engagement are critical components of the RVIFP. When Southern Oregon students are educated about potential hazards faced during and after a wildfire and have a greater knowledge of our local forests; as a community, we are more prepared for climate change.

Sincerely,

Heather Stafford

Heather Stafford
Executive Director
Rogue Workforce Partnership and Rogue Natural Resources Partneship

Southern Oregon Education Service District

Aaron Cooke
Program Manager Data & Integrated Instruction
School Improvement Team

April 5, 2023

Dear EPA Decision-Makers –

The Southern Oregon Educational Service District is a partner of Southern Oregon Forest Restoration Collaborative(SOFRC). They are coordinating with regional education partners and land management organizations to provide wildfire education in Southern Oregon. We are writing in support of a grant with Environmental Protection Agency Region 10(EPA) to advance collaborative planning for wildfire resilience education for all student populations and learners including underserved and vulnerable populations. This will include collaboratively planned fire education for K-12 students and youth workforce training. The Rogue Valley needs greater coordination among organizing partners to achieve the mission set forth in the National Cohesive Wildfire Strategy for – *Fire-adapted communities: Human populations and infrastructure can withstand a wildfire without loss of life and property.*
Our goal is to have students in Southern Oregon supported by fire ecology, wildfire resilience and forestry education so they can be stewards of a healthy forest and be prepared during a wildfire or smoke emergency. The funding will serve as a conduit for planning the long-term wildfire education and career pathways goals of our student population.
We still have students displaced from the Almeda and South Obenchain Fires which burned 2900 homes and created a social and economic burden on families. With coordination of comprehensive trauma informed wildfire education, we can ensure students receive the social-emotional support and wrap around education needed to thrive in a wildfire prone environment. The investment in Southern Oregon will be extended and shared across Oregon.

Education and community engagement are critical components of the RVIFP. With Southern Oregon this education about hazards faced from wildfire students will have a greater knowledge of our local forests; as a community, we are more prepared for climate change.

Sincerely,

Aaron Cooke
Southern Oregon ESD

502 W. Main St. ~ Medford, OR 97501 ~ Phone Ex. 6 - Personal Privacy (PP) Ex [redacted] / Cell Ex. 6 - Personal Privacy (PP)

Medford
SCHOOL DISTRICT

Central Medford High School
Principal Cass Thonstad
Phone: Ex. 6 Personal Privacy (PP)
Fax:

650 Royal Avenue, Medford, OR, 97504 , Oregon 97

April 12, 2023

Dear EPA Decision-Makers –

My name is Benjamin Ho and I am writing in support of a grant by Southern Oregon Forest Restoration Collaborative (SOFRC with Environmental Protection Agency Region 10(EPA) to advance collaborative planning for wildfire resilience education for all student populations and learners including underserved and vulnerable populations.). I am a science teacher at Central Medford High School. Central is the Medford School District's alternative high school, and we serve the most at-risk students in the entire district. In addition to students with clearly identified and defined barriers to success, we also have students that simply need education to look different. With that end in mind, I was part of a district committee that transformed our school into an interdisciplinary co-taught project-based learning school of choice. I was responsible for implementing our natural resources CTE curriculum again this year with the added challenges of the paradigm shift our school embraced.

This shift of course posed substantial challenges, but I was once again fortunate to have the opportunity to collaborate with The Southern Oregon Forest Restoration Collaborative (SOFRC). Jennifer Payne was my point of contact for the organization and main collaborator during the piloting of the program last year and has continued to be an invaluable resource and partner for both myself and the success of my program. It was crucial for me to be able to work with SOFRC again to be able to tailor the already excellent curriculum for my ever-changing population's needs as well as support organizing the suite of local industry experts that we have been able to host for both classroom and field experiences.

I will be shifting to our district's new middle school next year and have already been approved to teach a forestry elective. I will, without a doubt, be incorporating SOFRC's FireBright and Southern Oregon Forest & Fire Ecology curriculums as part of the course. I have seen how transformative the education has been for my high school students the past several years, and I am eager to see how the curriculums can support younger students' ownership of not only their own education, but of the Rogue Valley itself. Supporting students desire for stewardship of our natural resources is a personal goal, and I truly believe that the work that SORFC is doing to help collaboratively plan fire education for k-12th grade students and youth workforce training and development in the Rogue Valley can support students personal and professional growth.

Sincerely,

Ben Ho
Science
Central Medford High School
Ex. 6 - Personal Privacy (PP)

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Ms. First Name: Terry Middle Name:
Last Name: Fairbanks Suffix:
Title: Executive Director

Complete Address:

Street1: PO Box 1946
Street2: 525 Bigham Knoll Dr
City: Jacksonville State: OR: Oregon
Zip / Postal Code: 97530 Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**
E-mail Address: tfairbanks@sofrc.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: Ms. First Name: Terry Middle Name:
Last Name: Fairbanks Suffix:
Title: Executive Director

Complete Address:

Street1: Po Box 1946
Street2: 525 Bigham Knoll Dr
City: Jacksonville State: OR: Oregon
Zip / Postal Code: 97530 Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**
E-mail Address: tfairbanks@sofrc.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: Mr. First Name: James Middle Name:
Last Name: Wolf Suffix:
Title: Treasurer

Complete Address:

Street1: 3614 Ross Lane
Street2:
City: Central Point State: OR: Oregon
Zip / Postal Code: 97530 Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**
E-mail Address: Ex. 6 Personal Privacy (PP)

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** Ms. **First Name:** Jennifer **Middle Name:**

Last Name: Payne **Suffix:**

Title: Education Director

Complete Address:

Street1: 525 Bigham Knoll Drive

Street2:

City: Jacksonville **State:** OR: Oregon

Zip / Postal Code: 97530 **Country:** USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: jpayne@sofrc.org

EPA Form 5700-54 (Rev 4-02)

Oregon
Tina Kotek, Governor

Department of Forestry
Southwest Oregon District
Medford Unit
5286 Table Rock Rd.
Central Point, OR 97502
Phone: Ex. 6 - Personal Privacy (PP)
FAX: Ex. 6 - Personal Privacy (PP)

Dear EPA Decision-Makers –

I am writing in support of a grant by Southern Oregon Forest Restoration Collaborative (SOFRC) with Environmental Protection Agency Region 10(EPA) to advance collaborative planning for wildfire resilience education for all student populations and learners including underserved and vulnerable populations.

Over the past four years, I have served as the lead for Oregon Department of Forestry (ODF) on a USDA funded LSR grant to co-develop the FireBright curriculum and implement it in five pilot schools in Jackson County, serving as lead instructor for many lessons, teacher trainings, and site coordination for field labs. In collaboration with OSU Ext. and SOFRC, we have provided wildfire resiliency and career education for students in underserved, fire-prone rural areas.

ODF has invested resources, leveraged community relationships and collaboratively fostered commitments from community partners to prepare to expand FireBright career pathways and wildfire resiliency education for all efforts. ODF is committed to continuing this work as outlined in the SOFRC Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program in the Environmental Protection Agency (EPA) Region 10 grant, to advance the collaborative planning for wildfire resilience education for all student populations and learners including underserved and vulnerable populations. SOFRC is coordinating with regional education partners and land management organizations to provide wildfire education in Southern Oregon in an effort to be more adapted and prepared for wildfire and smoke. The implementation of the FireBright and Southern Oregon Forest & Fire Ecology curriculums will assist in these efforts. This collaboratively planned fire education for k-12th grade students and youth workforce training and development in the Rogue Valley will facilitate greater coordination among organizing partners and achieve the mission set forth in the National Cohesive Wildfire Strategy for – Fire-adapted communities: Human populations and infrastructure can withstand a wildfire without loss of life and property.

The FireBright and Southern Oregon Forest & Fire Ecology program will have students in Southern Oregon be informed and engaged by understanding fire ecology, wildfire resilience and forestry education and develop their knowledge, skills, and confidence so they can avail themselves of natural resource career opportunities and be stewards of a healthy forest and make good decisions during a wildfire or smoke emergency. The result will have students and families actively participate in future decisions that will shape the economic, social, and ecological outcomes from science-based management of Southern Oregon's forest ecosystems. Additionally, addressing air quality and community resiliency challenges, students and teachers will partner with our education coalition to address the threats from increasing wildfire. The student learning goals will meet the education goals outlined in the Rogue Valley Integrated Fire Plan (RVIFP) and the funding will serve as a conduit for planning the long-term wildfire education and career pathways goals for meetings the needs of the student population. Education and community engagement are critical components of the RVIFP. When Southern Oregon students are educated about potential hazards faced during and after a wildfire and have a greater knowledge of our local forests; as a community, we are more prepared for climate change

Sincerely,

Herb Johnson, Prevention Forest Officer, Oregon dept. of Forestry SWO District

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier: RK18MDHM4QR6

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier: Oregon

8. APPLICANT INFORMATION:

* a. Legal Name: Southern Oregon Forest Restoration Collaborative

* b. Employer/Taxpayer Identification Number (EIN/TIN): 56-2431473

* c. UEI: RK18MDHM4QR6

d. Address:

* Street1: 525 Bigham Knoll Dr.
Street2:
* City: Jacksonville
County/Parish: Oregon
* State: OR: Oregon
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 97530-1946

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Ms.
* First Name: Terry
Middle Name:
* Last Name: Fairbanks
Suffix:

Title: Executive Director

Organizational Affiliation: Southern Oregon Forest Restoration Collaborative

* Telephone Number: Ex. 6 Personal Privacy (PP)
Fax Number:

* Email: tfairbanks@sofrc.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

1251-Areas affected by Project.docx | Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Southern Oregon Wildfire Resilience Education for All

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: OR-02 | * b. Program/Project: OR-02

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 | * b. End Date: 11/01/2025

18. Estimated Funding ($):

* a. Federal	351,968.00
* b. Applicant	5,000.00
* c. State	40,000.00
* d. Local	33,000.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	429,968.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Ms. | * First Name: Terry

Middle Name:

* Last Name: Fairbanks

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 Personal Privacy (PP) | Fax Number:

* Email: tfairbanks@sofrc.org

* Signature of Authorized Representative: Terry L Fairbanks | * Date Signed: 04/14/2023

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Southern Oregon Forest Restoration Collaborative

Address: Po Box 1946

City: Jacksonville

State: OR: Oregon Zip Code: 97530-1946

B. Unique Entity Identifier (UEI): RK18MDHM4QR6

C. Applicant/Recipient Point of Contact

Name: Terry Fairbanks

Phone: Ex. 6 Personal Privacy (PP)

Email: tfairbanks@sofrc.org

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

N/A

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

N/A

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

N/A

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Terry L Fairbanks	Executive Director	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

IRS Department of the Treasury
Internal Revenue Service

OGDEN UT 84201-0038

In reply refer to: 0437984673
July 31, 2019 LTR 4168C 0
56-2431473 000000 00
00029742
BODC: TE

SOUTHERN OREGON FOREST RESTORATION
COLLABORATIVE
% GEORGE MCKINLEY
PO BOX 1946
JACKSONVILLE OR 97530-1946

Registered in OR on March 2004

049062

Employer ID number: 56-2431473
Form 990 required: Yes

Dear Taxpayer:

We're responding to your request dated July 22, 2019, about your tax-exempt status.

We issued you a determination letter in March 2006, recognizing you as tax-exempt under Internal Revenue Code (IRC) Section 501(c)(3).

We also show you're not a private foundation as defined under IRC Section 509(a) because you're described in IRC Sections 509(a)(1) and 170(b)(1)(A)(vi).

Under IRC Section 170, donors may be eligible to deduct contributions they make to you exclusively for the charitable purposes specified in Section 501(c)(3). If you solicit contributions or gifts for non-501(c)(3) purposes, you must include a statement indicating that these payments aren't deductible as charitable contributions for federal income tax purposes.

In the heading of this letter, we indicated whether you must file an annual information return. If you're required to file a return, you must file one of the following by the 15th day of the 5th month after the end of your annual accounting period:

- Form 990, Return of Organization Exempt From Income Tax
- Form 990EZ, Short Form Return of Organization Exempt From Income Tax
- Form 990-N, Electronic Notice (e-Postcard) for Tax-Exempt Organizations Not Required to File Form 990 or Form 990-EZ
- Form 990-PF, Return of Private Foundation or Section 4947(a)(1) Trust Treated as Private Foundation

According to IRC Section 6033(j), if you don't file a required annual information return or notice for 3 consecutive years, we'll revoke your tax-exempt status on the due date of the 3rd required return or notice.

You can get IRS forms or publications you need from our website at www.irs.gov/forms-pubs or by calling Ex. 6 Personal Privacy (PP) Ex. 6 - Personal Privacy (PP)

0437984673

July 31, 2019 LTR 4168C 0
56-2431473 000000 00
00029743

SOUTHERN OREGON FOREST RESTORATION
COLLABORATIVE
% GEORGE MCKINLEY
PO BOX 1946
JACKSONVILLE OR 97530-1946

If you have questions, call Ex. 6 - Personal Privacy (PP) between 8 a.m. and 5 p.m., local time, Monday through Friday (Alaska and Hawaii follow Pacific time).

Thank you for your cooperation.

Sincerely yours,

Deborah K Allan

Deborah K Allan
Program Manager, AM OPS 1

Oregon State University

April 10, 2023

Dear EPA Decision Makers,

I am writing in support of the grant proposal submitted by Southern Oregon Forest Restoration Collaborative (SOFRC) with Environmental Protection Agency Region 10 that will advance collaborative planning for wildfire resilience education for all students and educators throughout the Southern Oregon region with a specific and intentional lens to include underserved and vulnerable populations.

Oregon Natural Resources Education Program (ONREP) supports the goal of the grant: students in Southern Oregon understand fire ecology and learn about wildfire resilience so they can be stewards of healthy forests, exhibit responsible behaviors, and make good decisions before, during, and after wildfire events. ONREP professional development events for Oregon educators and resources reach rural communities and underserved schools and programs.

SOFRC is coordinating with ONREP, regional education partners and land management organizations to provide wildfire education through the implementation of the Fire Bright and the Southern Oregon Forest & Fire Ecology curricula. This collaboratively planned fire education for students in grades K-12, and youth workforce training and development in the Rogue Valley will facilitate greater coordination among organizing partners and contribute to the International Association of Fire Chiefs' vision:

> "To safely and effectively extinguish fire when needed; use fire where allowable; manage our natural resources; and as an international community to live with wildland fire."

ONREP is committed to supporting teacher professional development events using Fire Bright and SOFEE curricula to build student environmental literacy focused on wildfire awareness and knowledge, cultural use of fire, wildfire basics, prevention, ecology, effects, and behavior is integrated into all classrooms at every level throughout Oregon. The Southern Oregon Wildfire Resilience Education Program (WREP) will be a collaborative model for future regional WREPs. ONREP can help facilitate delivering the WREP model to communities across Oregon.

Please feel free to contact me if you have any questions.

Sincerely,

LeeAnn Nikkelson

Oregon Natural Resources Education Program
Forestry & Natural Resources Extension
Ex. 6 Personal Privacy (PP) | Corvallis, OR 97331
Ex. 6 - Personal Privacy (PP) | ONREP Website | OELP Website

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Wildfire Comprehensive Education for All

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1235-SOFRC_EPA Grant_04_2023_Budget Narrative[47]_ SOFRC.pdf
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1237-SOFRC IRS 501c determination letter.pdf
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1248-SOFEE_FireBright chart_SOWREP.pdf
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1250-SOFRC_EPA Grant_EJCPS.pdf
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Application
New

2023-04-14
Ex. 6 Personal Privacy (PP)
Oregon
Southern Oregon Forest Restoration Collaborative
56-2431473
RK18MDHM4QR6
525 Bigham Knoll Dr.
Jacksonville
Oregon
OR: Oregon
97530-1946
USA: UNITED STATES

Ms.
Terry
Fairbanks

Executive Director
Southern Oregon Forest Restoration Collaborative
Ex. 6 Personal Privacy (PP)
tfairbanks@sofrc.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
1251-Areas affected by Project.docx
application/vnd.openxmlformats-officedocument.wordprocessingml.document

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Southern Oregon Wildfire Resilience Education for All
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OR-02
2023-11-01
2025-11-01
351968.00
5000.00
40000.00
33000.00
0.00
0.00
429968.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Ms.
Terry
Fairbanks

Executive Director
Ex. 6 Personal Privacy (PP)
tfairbanks@sofrc.org
Terry L Fairbanks

2023-04-14

Ms.
Terry
Fairbanks

Executive Director
PO Box 1946
525 Bigham Knoll Dr
Jacksonville
OR: Oregon
97530
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
tfairbanks@sofrc.org

Ms.
Terry
Fairbanks

Executive Director
Po Box 1946
525 Bigham Knoll Dr
Jacksonville
OR: Oregon
97530
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
tfairbanks@sofrc.org

Mr.
James
Wolf

Treasurer
3614 Ross Lane
Central Point
OR: Oregon
97530
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)

Ms.
Jennifer
Payne

Education Director
525 Bigham Knoll Drive
Jacksonville
OR: Oregon
97530

USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
jpayne@sofrc.org

Southern Oregon Forest Restoration Collaborative
Po Box 1946
Jacksonville
OR: Oregon
97530-1946

Ex. 6 Personal Privacy (PP)
Terry Fairbanks
Ex. 6 Personal Privacy (PP)
tfairbanks@sofrc.org
Executive Director
N: No
N/A
N/A
N/A
N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Terry L Fairbanks
Executive Director
2023-04-14

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Terry L Fairbanks
GRANT13861931

OMB Control No. 2030-0020
Approval expires 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2030-0020). Responses to this collection of information are required to obtain an assistance agreement (40 CFR Part 30, 40 CFR Part 31, and 40 CFR Part 33 for awards made prior to December 26, 2014, and 2 CFR 200, 2 CFR 1500, and 40 CFR Part 33 for awards made after December 26, 2014). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information is estimated to be 0.5 hours per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Southern Oregon Forest Restoration Collaborative

Address: PO Box 1946

City: Jacksonville

State: Oregon Zip Code: 97530

B. Unique Entity Identifier (UEI):

C. Applicant/Recipient Point of Contact

Name: Terry Fairbanks Phone: Ex. 6 - Personal Privacy (PP) Email: tfairbanks@sofrc.org

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☐ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints, unless covered by 40 C.F.R. Parts 5 and 7.)

None

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination under federal law based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints, unless covered by 40 C.F.R. Parts 5 and 7.)

None

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

None

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ■ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95) ■ Yes ☐ No

a. Do the methods of notice accommodate those with impaired vision or hearing? ■ Yes ☐ No

b. Is the notice posted in a prominent place on the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications? ■ Yes ☐ No

c. Does the notice identify a designated civil rights coordinator? ■ Yes ☐ No

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X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

n/a

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

n/a

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Terry Fairbanks Digitally signed by Terry Fairbanks Date: 2023.04.12 16:19:41 -07'00'	Executive Director	04/07/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items “Applicant” means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. “Recipient” means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. “Civil rights lawsuits and administrative complaints” means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. “Civil rights compliance review” means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write “NA” for “Not Applicable.” In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

Oregon Forest
Resources Institute

April 3, 2023

Dear EPA Decision-Makers,

I am writing in support of the grant by Southern Oregon Forest Restoration Collaborative (SOFRC) with Environmental Protection Agency Region 10 that will advance collaborative planning for wildfire resilience education for all students, including underserved and vulnerable populations.

The goal of the grant is for students in Southern Oregon to understand fire ecology and learn about wildfire resilience so they can be stewards of a healthy forest, and make good decisions during a wildfire or smoke emergency. SOFRC is coordinating with regional education partners and land management organizations to provide wildfire education through implementation of the FireBright and Southern Oregon Forest & Fire Ecology curricula. This collaboratively planned fire education for students in grades K-12, and youth workforce training and development in the Rogue Valley will facilitate greater coordination among organizing partners and achieve the mission set forth in the National Cohesive Wildfire Strategy for – *Fire-adapted communities: Human populations and infrastructure can withstand a wildfire without loss of life and property.*

In support of the grant, Oregon Forest Resources Institute is committed to supporting teacher training and providing our materials to teachers and their students.

Please feel free to contact me if you have any questions.

Sincerely,

Norie Dimeo-Ediger

Norie Dimeo-Ediger, Director of K-12 Education Programs
Dimeo-Ediger@ofri.org

9755 SW Barnes Rd., Suite 210
Portland, OR 97225
Ex. 6 - Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP) facsimile

OregonForests.org

Ex. 6 Personal Privacy (PP)
Jacksonville, OR 97530
Ex. 6 - Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)@sofrc.org

Ex. 6 Personal Privacy (PP)

Objective

Contribute communication skills & education experience to regional problem-solving efforts where my abilities can be utilized for positive community outcomes.

Relevant Experience

2019 to present

Education & Workforce Development Director
Southern Oregon Forest Restoration Collaborative, Jacksonville, OR
Provide evaluation for federally funded wildfire curriculum pilot project. Write student assessments. Document project. Serve as liaison with teachers and project team. Coordinate and implement curriculum delivery. Co-lead pilot lessons. Provide outreach to community. Chair team meetings. Track budgets and provide progress reports.

2019 - 2021

Education & Outreach Program Director
Applegate Partnership & Watershed Council, Jacksonville, OR
Develop watershed education program. Write grant proposals. Coordinate and implement programming for public school students. Supervise Interns. Develop budgets and project planning. Write progress reports for grant reporting.

2007 - 2011

Storm Water Management Public Education & Outreach Consultant City of Chico, CA
Develop and coordinate public education programs for the City of Chico and Butte County; Develop and coordinate public school education program; Develop outreach materials and disseminate; Provide public presentations; Manage website content; Serve as contact for the press; Collaborate with local government and community groups; Develop and track budgets; Hire and supervise subcontractors and interns; Collect data; and Report on all program activities and benchmarks reached.

2008 - 2010

Administrative Secretary III
Butte Community College, Oroville, CA
Organize and manage the activities of multiple departments: Hire, train and supervise student employees; Interpret and apply policy as appropriate; and Maintain confidential issues.

2007 - 2008

Director of Communications, Interstellar Studios, Chico, CA
Write and submit Informal Science Education, NSF proposal to secure three million dollars in funding for International Year of Astronomy project; Co-Edit internationally distributed e-newsletter; and Serve as liaison. Track budget and provide quarterly reports.

2005-2007

Public Education & Outreach Coordinator
Butte Environmental Council, Chico, CA
Coordinate programs and events; Supervise volunteers and interns; Develop outreach materials and disseminate; Serve as contact for the press; Collaborate with non-profits and government; Track budgets; Collect data and coordinate survey; Report on program activities.

Teaching Experience

2000-2015

Fifth Grade ELA Teacher, Washington School, Prescott, AZ
First Grade Teacher, Second Mesa Day School, Hopi Reservation, AZ
Art Teacher, Public School 157, Brooklyn, NY
Seventh grade teacher, Hotevilla-Bacavi Community School, Hopi Reservation, AZ

Education

BA degree, Liberal Arts, The New School for Social Research, New York, NY, 1998, Deans List. Full time student 1996-98.

Arizona Teacher Certification (Grades 1 – 8), 2015
Oregon Teacher Certification (PreK – 12), 2018

Arizona State University, Masters Degree in progress, Social Work
Fall 2016, 9.0 units earned, 4.22 GPA

Skills

Proficient Computer Skills: Microsoft Word, Excel, PowerPoint, Outlook; Adobe software applications; and web applications. Facilitation of Technology of Participation strategic planning and consensus building workshops for community development.

NIMS4MIM Budget Detail

	Description	Total
Personnel	Project Manager @ $60,000 annual salary x 25% of time on project for years 1 & 2 = $15,000 per year and x 15% of time on project for year 3 = $9,000; $39,000 total Environmental Science Tech @ $50,000 annual salary x 40% of time on project for years 1 & 2 = $20,000 each year and 20% of time on project for year 3 = $10,000; $50,000 total	$89,000.00
Fringe Benefits	Project Manager @ 16.8% x $39,000 = $6,552 Environmental Science Tech @ 16.8% x $50,000 = $8,400	$14,952.00
Travel	Year 1 travel to DVIR, ID $4,133.16 Year 2 travel to DVIR, ID $5,166.45 Year 3 travel to DVIR, ID $7,233.03 *Travel costs for each trip include mileage, lodging, and M&IE and are detailed in budget narrative.*	$16,532.64
Equipment	None	$0
Supplies	Software (ArcGIS license), year 1 $ 2,295.00 Field Supplies, year 2 $ 2,881.55 Lab Analysis of Samples, year 2 $44,134.00	$49,310.55
Contractual	Grant support $50/hr x 10 hrs/mo. x 12 mo. x 3 yrs, $18,000 Bookkeeping $50/hr @ 2.5 hrs/mo. x 12 mo. x 3 yrs, $4,500	$22,500.00
Construction	None	$0
Other Direct Costs	TEPP Subaward • Grant Coordinator, $50,000 per yr x 3 yrs, $150,000 • Videographer, $20/hr x 29 hrs/week x 3 mos, $6,960 • Sho-Pai Tribe IDC Rate: 20.33%, $31,909.97 Fish and Game Subaward *(details in narrative below)* • Staff Wages: Director, $10,233; Habitat Manager, $7,833.70; Fisheries Biologist, $7,833.70 Participant Support Costs • Training event meals, $15 per person x 10 people x 13 events, $1,950 • Coursera© GIS training course $49/month x 6 people x 5 months, $1,470	$218,190.37
Indirect Charges	10% de minimus indirect cost rate • Year 1: $104,808.16 MTDC x 10% = $10,480.82 • Year 2: $100,562.00 MTDC x 10% = $10,056.20 • Year 3: $36,925.03 MTDC x 10% = $3,692.50	$24,229.52
TOTAL PROPOSAL REQUEST		**$434,715.08**

Budget Narrative

Personnel & Fringe Benefits

Two personnel will be compensated for contributions to this grant: Casey Bartrem (Project Manager, TIFO) and a TIFO Environmental Science Tech (EST). The budget reflects their respective salaries and percentage of time committed to the grant as follows:

Casey Bartrem, Project Manager: Ex. 6 Personal Privacy (PP) time, yr 1	Ex. 6 Personal Privacy (PP)
Casey Bartrem, Project Manager: Ex. 6 Personal Privacy (PP) time, yr 2	
Casey Bartrem, Project Manager: Ex. 6 Personal Privacy (PP) time, yr 3	
Environmental Science Tech: $50,000 x 40% time, yr 1	$20,000
Environmental Science Tech: $50,000 x 40% time, yr 2	$20,000
Environmental Science Tech: $50,000 x 20% time, yr 3	$10,000
Total Personnel Cost:	**$89,000**

Fringe benefits are based on a rate of 16.8%, which includes FICA (6.2%), State Unemployment Insurance (1.0%), Workers Compensation (0.4%), Medicare (1.5%), Retirement (1.5%), and Health Insurance (6.2%).

Casey Bartrem, Project Manager: Ex. 6 Personal Privacy (PP)	$ 6,552
Environmental Science Tech: $50,000 x 16.8%	$ 8,400
Total Fringe Benefits:	**$14,952**

Travel (key personnel)

Year 1: Oct 2023 – Sep 2024

Casey Bartrem and Tech – Moscow, ID to DVIR, ID (918 miles round trip) at GSA mileage rate of $0.655/mi = $601.29 for transportation costs. One (1) night lodging at $98/night for two people = $196. Two (2) days M&IE at $59/day for two people = $236. Total cost per trip = $1,033.29

Four (4) total trips in year 1: $1,033.29/trip x 4 = $4,133.16

Year 2: Oct 2024 – Sep 2025

Casey Bartrem and Tech – Moscow, ID to DVIR, ID (918 miles round trip) at GSA mileage rate of $0.655/mi = $601.29 for transportation costs. One (1) night lodging at $98/night for two people = $196. Two (2) days M&IE at $59/day for two people = $236. Total cost per trip = $1,033.29

Five (5) total trips in year 2: $1,033.29/trip x 5 = $5,166.45

Year 3: Oct 2025 – Sep 2026

Casey Bartrem and Tech – Moscow, ID to DVIR, ID (918 miles round trip) at GSA mileage rate of $0.655/mi = $601.29 for transportation costs. One (1) night lodging at $98/night for two people = $196. Two (2) days M&IE at $59/day for two people = $236. Total cost per trip = $1,033.29

Seven (7) total trips in year 3: $1,033.29/trip x 7 = $7,233.03

Total Travel Cost: $16,532.64

Equipment

There are no equipment costs associated with this budget.

Supplies

ArcGIS License (ESRI). TEPP and F&G have access to a license through the Tribe; TIFO's GIS Professional Basic Annual License will be purchased for $765/year for 3 years totaling $2,295.00.

Field supplies and laboratory expenses for analyses of samples will be purchased in year 2 (2024-25) of this grant and the items and costs are summarized in the tables below:

Item	Purpose	Unit Cost	Number	Total Cost
Rite in the rain notebook	data collection	$ 11.09	20	$ 221.80
Rite in the rain pen	data collection	$ 17.33	10	$ 173.30
Insect repellent	field work	$ 9.71	10	$ 97.10
Sunscreen	field work	$ 8.99	10	$ 89.90
Whirl pak bags	soil sampling	$ 455.61	1	$ 455.61
Ziplock bags - 2 gal	soil sampling	$ 17.97	1	$ 17.97
Permanent marker	sampling	$ 41.44	1	$ 41.44
1 L glass bottle	water sampling	$ 82.83	10	$ 828.30
8 oz glass jar	soils sampling (organics)	$ 174.24	2	$ 348.48
stainless steel bowl	soil compositing	$ 41.42	4	$ 165.68
steel shovel	soil sampling	$ 41.23	2	$ 82.46
stainless steel spoon	soil sampling	$ 33.80	1	$ 33.80
action packer	field work	$ 108.57	3	$ 325.71
Total Supplies				**$ 2,881.55**

Lab	Media	Test	Cost	No. Water Samples	No. Soil Samples	Total Cost
Anatek, Moscow, ID	water/solids	nitrate/nitrite	$ 45.00	50	50	$ 4,500.00
Anatek, Moscow	water/solids	priority pollutant metals	$191.00	50	25	$14.325.00
Anatek, Moscow	water/solids	organochlorine pesticides	$250.00	50	50	$25,000.00
Purple Air	PM2.5	particulate matter in air	$269.00	1		$ 269.00
Purple Air	PM2.5 power supply	particulate matter in air	$ 40.00	1		$ 40.00
Total Laboratory Expenses						**$44,134.00**

Total Supplies: $49,310.55

Contractual

Grant financial reporting by Kim Olson at 10 hours/month and [redacted]/hour for 12 months totals [redacted] per year for all 3 years at [redacted] Bookkeeping (e.g., payroll) support from Bev Bafus at 2.5 hours/month and [redacted]/hour for 12 months totals [redacted] per year for all 3 years at [redacted]
Total Contractual Cost: $22,500

Other Direct Costs

TEPP Subaward: The Tribal Environmental Protection Program (TEPP) will be awarded a subaward in the amount of $188,869.97. An indirect rate of 20.33% has been added to the TEPP subaward to cover their internal costs of creating a new position and providing the associate infrastructure. The breakdown of the subaward costs is as follows:

TEPP Grant Coordinator: $50,000/yr x 3 yrs	$150,000.00
Sho-Pai Tribe Videographer: $20/hr x 348 hours	$ 6,960.00
TEPP Indirect Costs: $156,960 x 20.33% IDC rate	$ 31,909.97
Total TEPP Subaward	$188,869.97

Fish & Game Subaward: The Fish & Game will be awarded a subaward in the amount of $25,900.40. No indirect rates applied to the F&G subaward. The breakdown of the subaward costs for F&G is as follows:

Buster Gibson, Director: [redacted]/hr x 150 hrs, yr 1	
Chris Cleveland, Habitat Mgr: [redacted]/hr x 150 hrs, yr 1	
Sterling Teller, Fish Biologist: [redacted]/hr x 150 hrs, yr 1	
Buster Gibson, Director: [redacted]/hr x 80 hrs, yr 2	
Chris Cleveland, Habitat Mgr: [redacted]/hr x 120 hrs, yr 2	Ex. 6 Personal Privacy (PP)
Sterling Teller, Fish Biologist: [redacted]/hr x 120 hrs, yr 1	
Buster Gibson, Director: [redacted]/hr x 40 hrs, yr 3	
Chris Cleveland, Habitat Mgr: [redacted]/hr x 40 hrs, yr 3	
Sterling Teller, Fish Biologist: [redacted]/hr x 40 hrs, yr 3	
Total Fish & Game Subawaard	$ 25,900.40

Participant Support Costs: Training events will provide meals for participants with a cost of $15 per person x 10 people for a total of 13 events for a total of $1,950. Coursera© GIS training course will be purchased at a cost of $49/month x 6 people for 5 months for a total of $1,470.

Total Other Direct Costs: $218,190.37

Indirect Costs

Indirect charges are calculated using a 10% de minimus indirect cost rate. Modified total direct costs are as follows for each year of the grant:

Year 1: $104,808.16.16 MTDC x 10% = $10,480.82
(*includes IDC on the first $25 K on each of the two subawards*)
Year 2: $100,562 MTDC x 10% = $10,056.20
Year 3: $36,925.03 MTDC x 10% = $3,692.50

Total Indirect Costs: $24,229.52

Cost Share

While cost sharing is not required under the EJCPS RFA, multiple partners have committed significant in-kind donations to project activities. The value of the cost-share has not been calculated for this cooperative agreement. However, past awards provide an example of cost-share contributions. TIFO received an EPA Environmental Justice Small Grant (EJSG) in 2021-22 for our collaborative *One Habitat* project with DVIR partners. TIFO, the Sho-Pai Tribe, and OCS donated significant time and in-kind resources to those activities. For the $75,000 grant award, partners committed an additional $21,358 in cost-share prior to initiating grant activities. Actual cost-share reporting totaled $31,904 at the end of the grant period.

Cost share commitments for this cooperative agreement follow; it is likely that additional contributions will be made from partners who are engaged later in the EJCPS process.

- **TIFO**: Margrit von Braun and Ian von Lindern will support development and delivery of NEPA, HIA, EIS, and EA trainings, and will participate in workshops in years 2 and 3. This time will be donated by TIFO.
- **TEPP**: Time for Marissa Snapp and Racheal Thacker will be donated by TEPP.
- **F&G:** Hours for Fish and Game personnel included in the grant budget are for time worked beyond the standard 40 hours/week. Time spent on the grant within the 40-hour work week will be donated by the department.
- **OCS**: All OCS staff time to coordinate and facilitate student participation will be donated.
- **USRT**: All USRT staff time and travel expenses to support the 8 Workshops will be donated.
- **ICL**: All ICL staff time to support trainings and other activities will be donated.

THE SHOSHONE-PAIUTE TRIBES
OF THE DUCK VALLEY INDIAN RESERVATION
P.O. Box 219 Owyhee, NV 89832
Ex. 6 Personal Privacy (PP)
www.shopaitribes.org

TO: US EPA Office of Environmental Justice and External Civil Rights

FROM: Shoshone Paiute Tribes-Tribal Environmental Protection Program (TEPP)

RE: Letter of support

DATE: March 20, 2023

To Whom it May Concern,

On behalf of the Shoshone-Paiute Tribal Environmental Protection Program (TEPP) on the Duck Valley Indian Reservation, I am pleased to write a letter of strong support for TIFO and TEPP's collaborative NIMS4MIM innovation. Our Tribal lands are increasingly under pressure from mining and our small Tribe needs to develop a streamlined approach to reviewing proposed mines and developing technically sound and compelling responses to these proposals within the short government-to-government response period and public 45-day comment period required under federal law.

We are not alone in this challenge – many reservations face the same issue across the west. But we are a small Tribe and our capacity is easily stretched with the increasing number of potential mining sites. Adapting the (National Incident Management System) for this purpose is a unique and creative strategy because it enables us to assign quickly assign resources and coordinate between agencies effectively. TEPP will lead the effort to develop the NIMS4MIM strategy and has already identified other partners within the Tribe, including the Fish and Game Department and our Fire Department to join us in advancing this project. Fire has committed to providing training for us on how NIMS is used in emergency response, which we will then adapt to work for rapid response to proposed mining operations. In keeping with the Collaborative Problem Solving Model, we are also involving students at our local K-12 school, stakeholders from our broader community, and have engaged our Upper Snake River Tribes (USRT) Foundation partner in helping us develop the program.

TIFO has been a strong partner to TEPP and other groups in Duck Valley for the past three years, and we look forward to growing our collaboration with them through the development of NIMS4MIM. We are committed to coordinating on this effort, making sure to collect and integrate baseline environmental data, traditional ecological knowledge, wildlife habitat, and agricultural land use information in our planning. We will act as the liaison between groups, coordinating feedback before and after each in-person event. We will establish regular meetings with TIFO to keep grant activities on

schedule, and we will help to track performance measures throughout the grant period. TIFO will provide valuable technical support and expertise with sample collection and quality control, reviewing environmental impact statements, and other technical aspects of the project. They will also support with project management.

Through a subaward from TIFO, we will use grant funds to pay for the salary of a coordinator position at TEPP. When the grant is awarded, we will develop an agreement with TIFO detailing how the subaward will be distributed to TEPP (under 2CFR 200) to cover the costs outlined in the grant budget. TEPP will provide staff time for myself and any employees (other than the coordinator) who participate in the activities as an in-kind donation to the project.

Building NIMS4NIMS with all partners will enable us to meaningfully participate in the NEPA process and lead in determining our role in mining on and near our ancestral lands. We are looking forward to the collaboration with partners and EPA on this project. Please feel free to contact me if you have any questions.

Sincerely,

Marissa Snapp
TEPP Director

THE SHOSHONE-PAIUTE TRIBES OF THE DUCK VALLEY INDIAN RESERVATION
FISH, WILDLIFE & PARKS DEPARTMENT
P.O. Box 219, Owyhee, NV 89832
Ex. 6 - Personal Privacy (PP)
www.shopaitribes.org/fish

TO: US EPA Office of Environmental Justice and External Civil Rights

FROM: Shoshone Paiute Tribes- Fish & Game Department

RE: Letter of support

DATE: March 20,2023

To Whom it May Concern

As the Habitat Manager of the Shoshone-Paiute Tribes Fish and Game Department on the Duck Valley Indian Reservation, I am writing a strong letter of support for the NIMS4MIM project. This project is being jointly developed by multiple Sho-Pai Agencies in partnership with TerraGraphics International Foundation (TIFO). We have worked with TIFO since 2021 and successfully implemented the *One Habitat* Program with them and other partners here in Duck Valley under EPA Environmental Justice Small Grants (EJSG) funding.

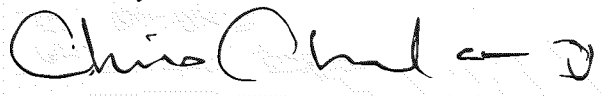
The NIMS4MIM project will help us develop programing and capacity to respond to proposed mining operations through government-to-government consultation, a critical need for Duck Valley. Specifically, it will help us to better understand how proposed mining operations might impact our wildlife resources and thus our community. As part of this project, we will be able to develop a GIS database of critical wildlife habitat on the reservation. We will use that database, and our knowledge of fish and game in the area, to give feedback on development of the NIMS4MIM process throughout the three-year project.

Fish and Game is committed to meaningfully engaging in the workshops, trainings, and activities throughout the grant period. Relying on the Collaborative Problem-Solving Model will be a useful tool for developing NIMS4MIM; we will engage in community forum events to get feedback from stakeholders on how their input can best be represented in responding to proposed mining activities. We will also gain valuable technical skills from the training events, including benefiting from establishing GIS proficiency for our staff.

We will use grant funds to pay for staff time spent working on grant activities outside of their 40 hours/week, which will likely occur during community forums, GIS training, and in collection of field data. We will develop and sign an agreement with TIFO in compliance with 2CFR 200 in order to receive subawards under the grant.

We look forward to collaboratively building NIMS4MIM with our TIFO, TEPP and other Tribal partners, community stakeholders, and any additional project partners identified before or after grant funding is awarded.

Sincerely,



Chris, Cleveland
Habitat Project Manager

OWYHEE COMBINED SCHOOL

P.O. Box 100 - 100 Academic Way
Owyhee, Nevada 89832
Ex. 6 - Personal Privacy (PP) - FAX Ex. 6 - Personal Privacy (PP)

ELEMENTARY - JUNIOR HIGH - SENIOR HIGH

Barbara Pete
Education Specialist, Owyhee Combined School
Address
P.O. Box 100
Academic Way
Owyhee NV. 89832

To Whom it May Concern,

It's my pleasure to write a letter of commitment for the NIMS4MIM collaboration between TerraGraphics International Foundation (TIFO), the Shoshone-Paiute Tribal Environmental Protection Program (TEPP), and other partners on the Duck Valley Indian Reservation (DVIR). We have seen first-hand how mining impacts our community and having a process in place to better understand and respond to proposed mines is a serious need.

I am a teacher at the Owyhee Combined School (OCS) on DVIR. OCS is a part of the Nevada School District in Elko County. TIFO and OCS have collaborated successfully on previous endeavors in collaboration with the Tribe's Fish and Game department and TEPP. In 2022, our "One Habitat" project received EPA Environmental Justice funding that enabled us to engage dozens of 7-12th grade students at OCS in experiential learning activities, field trips, and scientific conferences on the reservation and in the greater Snake River Basin in Idaho, Nevada, and Washington. This was a successful and very meaningful project – several students went on to win national awards for = scientific research they did with the project leaders. We are looking forward to new collaborations and projects with TIFO, TEPP, Fish and Game, and other partners.

NIMS4MIM is an excellent opportunity to engage our OCS students in learning about baseline environmental conditions on the Duck Valley Reservation, and in learning about how Tribes are engaged in government-to-government consultation in the National Environmental Protection Act (NEPA) process. During baseline data collection, students will learn about sampling methods for soil and water analysis, where critical wildlife habitats are located, where important cultural and sacred sites are located, the locations for traditional medicine gathering, and how all of this can be integrated into GIS maps for easy retrieval and data analysis. We will also have them join some of the training activities and workshops to learn about the NEPA process, how environmental impact statements are prepared and reviewed, and how the Tribe can be meaningfully involved in participating in these processes. We will also invite outside partners who come to Owyhee to do training join the Environmental Science Class and give additional presentations to our students.

OCS will work with TEPP and TIFO to identify and support students for participation and facilitate their involvement. Any time for this will be donated by OCS as an in-kind service. Building NIMS4NIMS with all partners will enable us to meaningfully participate in the NEPA process and lead in determining our role in mining on and near our ancestral lands.

Sincerely,

Barbara J Pete

Barbara J. Pete

Upper Snake River Tribes Foundation

3380 W. Americana Terrace, Suite 360

Boise, ID 83706

Ex. 6 - Personal Privacy (PP)

March 22, 2023

US Environmental Protection Agency
Office of Environmental Justice and External Civil Rights

RE: Environmental Justice Collaborative Problem Solving Grant - USRT Letter of Commitment

The Upper Snake River Tribes (USRT) Foundation submits the following letter of commitment for Terragraphics International Foundation, Inc (TIFO) project proposal "National Incident Management System for Meaningful Input on Mining (NIMS4MIM)."

USRT is composed of four Indian tribes of the Upper Snake River region in Idaho, Nevada, and Oregon: the Burns Paiute Tribe, Fort McDermitt Paiute-Shoshone Tribe, Shoshone-Bannock Tribes of the Fort Hall Reservation, and Shoshone-Paiute Tribes of the Duck Valley Reservation. While the members of USRT currently reside within the Upper Snake River region, their aboriginal areas of use extend far beyond the region in all geographic directions. The four tribes have common vested interests to protect rights reserved through the United States Constitution, federal treaties, federal unratified treaties (including but not limited to the Fort Boise Treaty of 1864, Malheur Treaty of 1864, Bruneau Treaty of 1866, and Long Tom Creek Treaty of 1867), executive orders, inherent rights, and aboriginal title to the land, which has never been extinguished by USRT member tribes. USRT works to ensure the protection, enhancement, and preservation of the tribes' rights, resources, cultural properties, and practices and that they remain secured. These include but are not limited to hunting, fishing, gathering, and subsistence uses.

USRT is pleased to support the NIMS4MIM collaboration under EPA EJCPS programming in partnership with TIFO, the Duck Valley Tribal Environmental Protection Program (TEPP), and other Sho-Pai Tribal departments. Utilizing the EPA Collaborative Problem Solving model will be a valuable tool for developing the NIMS4MIM strategy because of the strong community engagement components and partnerships that TIFO and TEPP are actively developing. Increasing DVIR's capacity to engage in meaningful government-to-government consultation on mining activities is critically important, and the potential for NIMS4MIM to be adopted and adapted by other Tribes is encouraging.

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USRT is committed to supporting NIMS4MIM activities. We will help with coordination and facilitation of the 8 workshops outlined in the Workplan, and are looking forward to working with TIFO and TEPP to determine any additional support we can offer for the workshop events. USRT will provide this support as an in-kind donation to the project.

Sincerely,

Scott Hauser

Scott Hauser
USRT Executive Director
scott.hauser@usrtf.org
Ex. 6 - Personal Privacy (PP)

ED_016126_00000664-00007

IDAHO CONSERVATION LEAGUE

3/20/23

Letter of Support for Proposal from Terragraphics International Foundation (TIFO)

To: US EPA Office of Environmental Justice and External Civil Rights

The Idaho Conservation League is Idaho's oldest and largest state based conservation organization. We work across Idaho to protect water quality, special places and human health from the impacts that can result from improperly sited and poorly designed or poorly operated mining projects.

Our staff participates extensively in federal and state review of proposed mining operations, reviewing and commenting on numerous NEPA related comment opportunities annually. As part of our work on these issues we seek to ensure that members of affected communities are engaged in review and commenting opportunities.

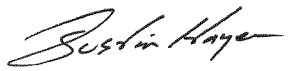
Western Tribes are experiencing increased pressure from proposed mining activities. In the past, Tribal participation in these processes has been (at times) viewed or treated as members of the public, eroding the power of their right to participate as sovereign nations with unique opportunities to engage in government-to-government talks. Developing a program that strengthens systems for meaningful consultation is greatly needed.

ICL supported TIFO and DVIR's One Habitat project in 2022 when 18 Owyhee Combined School students visited McCall, Idaho to learn about the proposed Stibnite Mine. An ICL representative presented on concerns related to the potential environmental and ecological impacts of the activities. We are pleased to continue and grow this collaboration. ICL supports the NIMS4MIM effort under the EPA Environmental Justice and Collaborative Problem Solving program and will participate in workshops, meetings, and trainings where our expertise in past and ongoing mining impacts can be most useful. This will include supporting trainings on the NEPA process and EIS review, and in providing feedback on the development and tabletop implementation of NIMS4MIM. ICL will contribute expertise based on our knowledge of

the NEPA process, EIS review, and previous reviews of mining proposals in Idaho. We will provide staff time and associated expenses for this work.

We look forward to collaborating with TIFO, TEPP, and other DVIR partners on the NIMS4MIM project.

Thank you for your consideration of this important proposal



Justin Hayes
Executive Director

jhayes@idahoconservation.org
Ex. 6 - Personal Privacy (PP) ext

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: MAR 05 2013

TERRAGRAPHICS INTERNATIONAL FOUNDATION
Ex. 6 Personal Privacy (PP)
MOSCOW, ID 83843-2717

Employer Identification Number:
45-4007725
DLN:
17053304311002
Contact Person:
JEFFREY GAUNCE ID# 31614
Contact Telephone Number:
Ex. 6 Personal Privacy (PP)
Accounting Period Ending:
December 31
Public Charity Status:
170(b)(1)(A)(vi)
Form 990 Required:
Yes
Effective Date of Exemption:
December 8, 2011
Contribution Deductibility:
Yes
Addendum Applies:
No

Dear Applicant:

We are pleased to inform you that upon review of your application for tax exempt status we have determined that you are exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code. Contributions to you are deductible under section 170 of the Code. You are also qualified to receive tax deductible bequests, devises, transfers or gifts under section 2055, 2106 or 2522 of the Code. Because this letter could help resolve any questions regarding your exempt status, you should keep it in your permanent records.

Organizations exempt under section 501(c)(3) of the Code are further classified as either public charities or private foundations. We determined that you are a public charity under the Code section(s) listed in the heading of this letter.

Please see enclosed Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, for some helpful information about your responsibilities as an exempt organization.

Letter 947 (DO/CG)

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TERRAGRAPHICS INTERNATIONAL

We have sent a copy of this letter to your representative as indicated in your power of attorney.

Sincerely,

Holly O. Paz

Holly O. Paz
Director, Exempt Organizations
Rulings and Agreements

Enclosure: Publication 4221-PC

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Ex. 6 Personal Privacy (PP) | **Curriculum Vitae**
Ex. 6 Personal Privacy (PP) | Moscow ID 83843 | USA
Ex. 6 Personal Privacy (PP)@terrafound.org | Ex. 6 - Personal Privacy (PP)

Education

Ph.D., Environmental Science, University of Idaho, 2017
B.S., Environmental Biology/Zoology, Michigan State University, 2006

Professional Experience

Ex. 6 Personal Privacy (PP) is Executive Director and Environmental Scientist at TerraGraphics International Foundation (TIFO), an international non-governmental organization that provides assistance to mining and recycling communities around the world to address environmental pollution. Her work and research focus on environmental health, environmental security, and environmental justice. Ex. 6 Personal Privacy (PP) teaches courses in Environmental Crime and Environmental Health She is a member of the Norwich/AEHS Environmental Security Working Group, providing perspectives of how environmental degradation and climate change impact humanitarian response work. As a Senior Fellow at the Norwich Center for Global Resilience and Security Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) works with students and faculty to explore environmental security issues and innovative resilience strategies.

Since 2010, Ex. 6 Personal Privacy (PP) has occupied a key leadership role in the Zamfara Emergency Environmental Response Project, which was awarded the 2011 Green Star by the United Nations Environment Program. She continues to support the Zamfara project, which has been severely impacted by climate change-related ethnic violence in recent years. Ex. 6 Personal Privacy (PP) has worked on environmental health risk assessments in Kyrgyzstan, Bangladesh, Nigeria, and the United States, often in close collaboration with local stakeholders, government representatives, humanitarian organizations such as Doctors Without Borders, and other NGOs. Ex. 6 Personal Privacy (PP) is a Fellow of the Collegium Ramazzini, an independent, international academy of 180 renowned scientists in the fields of occupational and environmental health. From 2007-2009, Ex. 6 Personal Privacy (PP) was a United States Peace Corps Volunteer in the Kingdom of Lesotho, working with communities on grassroots health and development projects.

Select Publications

Ex. 6 Personal Privacy (PP) Food contamination as a pathway for lead exposure in children during the 2010-2013 lead poisoning epidemic in Zamfara, Nigeria. 2017. J Environ Sci.

Ex. 6 Personal Privacy (PP) Legacy Lead and Arsenate Soil Contamination at Childcare Centers in the Yakima Valley, Central Washington, USA. 2017. Chemosphere.

Ex. 6 Personal Privacy (PP) Remediation of childhood lead poisoning epidemic due to artisanal gold mining in Zamfara, Nigeria. 2016. Environ Health Perspect.

Ex. 6 Personal Privacy (PP) Unknown Risk: Co-exposure to lead and other heavy metals among children living in small-scale mining communities in Zamfara State, Nigeria. 2013. International Journal of Environmental Health Research.

Awards and Honors

Norwich University Center for Global Resilience and Security *Senior Research Fellow* (2020- 2021).
AEHS *Achievement Award* (TIFO, 2019): for significant contribution to the field of environmental assessment and restoration and outstanding environmental stewardship.

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University of Idaho College of Graduate Studies *Outstanding Student Research and Creativity Award* (2014).
University of Idaho Alumni *Award for Excellence* (2013).
United Nations / Green Cross *Green Star Award* (TIFO, 2011): Recognizing remarkable efforts to prevent, prepare for, and respond to environmental emergencies.

Recent Presentations

Presenter: Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) (virtual). 6-8 April 2021.

Presenter: Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)
(virtual). 1-2 April 2021.

Presenter & Session Chair: Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) San Diego, CA, USA. 25 March 2021.

Presenter: Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) University of Washington Environmental and Occupational Health Seminar (virtual). 14 January 2021

Select Reports

Ex. 6 Personal Privacy (PP) Prepared for Kyrgyz Ministry of Health and Médecins sans Frontières. 2021.

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) Prepared for Kyrgyz Ministry of Health and Médecins sans Frontières. 2020.

Ex. 6 Personal Privacy (PP) Prepared for Médecins Sans Frontières. 2016.

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) Prepared for Médecins Sans Frontières. 2011.

Teaching and Mentorship

Director: TIFO Student Mentorship Network: 2020-Present.
Visiting Lecturer: American University of Armenia School of Public Health (Yerevan, Armenia).
Lecturer: Norwich University School of Criminal Justice and Studies and Sociology (Vermont).
Thesis:

Thesis:

Thesis:

Thesis:

Ex. 6 Personal Privacy (PP)

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Ex. 6 Personal Privacy (PP)

Ex. 6 - Personal Privacy (PP)

Ex. 6 - Personal Privacy (PP)

P.O. Box 122, Owyhee NV, 89832

Objective To obtain a position as a Senior Environmental Coordinator that utilizes my experience with environmental compliance, experience with soil, air, and water, sample taking, along with my experience being an Environmental Engineer at a gold mine and my bachelor's degree in environmental science.

Experience

June 2021 – Current

Environmental Director, Shoshone Paiute Tribes

- Assessing, analyzing and collating environmental performance data and reporting information to internal staff, clients and regulatory bodies
- Plan, direct and coordinate, through subordinate level staff, the Environmental Services department's work plan; assign projects and programmatic areas of responsibility; review and evaluate work methods and procedures; meet with key staff to identify and resolve problems
- Managing multiple EPA budgets
- Manage and direct the development and implementation of departmental goals, objectives, policies and priorities for each grant
- Keeping up to date with relevant changes in environmental legislation and initiatives including international legislation where applicable
- Producing educational or information resources for internal staff, clients or the general public
- Monitor various service contracts for compliance with established performance levels; follow-up and insure corrective action is taken as necessary
- Assess and monitor workload, administrative and support systems, and internal reporting relationships; identify opportunities for improvement; direct and implement changes

January 2020 – June 2021

Fisheries Biologist, Shoshone Paiute Tribe

- Fisheries, reservoir, and riparian habitat management
- Development, implementation and coordination of aquatic/riparian and reservoir operations and projects under the "Duck Valley Fisheries Operations and Maintenance Program" and infrastructure improvement grants
- Collection of fish and aquatic macro invertebrates of streams, rivers and reservoirs
- Oversight of seasonal work crew, including scheduling, training, supervising and payroll responsibilities
- Analyze and report data for quarterly and annual reporting requirements
- Monitor earthen dams and any investigations/actions to address potential problems
- Prepare and review management plans, grant applications and other documents

- Promote Duck Valley Fisheries at trade shows, fly fishing expos, fishing club presentations and other venues
- Program budget and drafting contracts, purchase orders, payment requests, etc.
- Inform, educate and engage tribal community about Fish, Wildlife and Parks Department
- Coordinate with private, state and federal agencies about projects

December 2016 – July 2019
Environmental Engineer I, Barrick Gold Corporation

- Coordinated activities necessary to obtain, modify and renew major environmental permits
- Compliance oversight for all Federal, State and Local Environmental permits
- Data management
- Regulatory reporting
- Liaison with State and Federal Regulators for site inspections, monitoring, reporting and permitting issues
- Major overhaul of environmental management database for Title V and Class II Air Permits
- Participated in Environmental Management Team that achieved ISO14001:2015 certification
- Title V and Class II Air Permit inspections, monitoring and reporting
- Environmental guidance on material usage and handling for the maintenance facilities to reduce hazardous waste generation and to ensure compliance with hazardous waste regulations
- Presentation of Environmental Awareness Training Program
- Sampling, regulatory reporting and interaction with all departments within the corporation
- Accompanied State and Federal Regulators during site inspections and communicated with regulators on a routine basis regarding existing environmental compliance and permitting issues
- Reporting releases, wildlife mortalities, excess emissions, and hazardous waste storage facilities inspections to State Regulators.

Education

Haskell Indian Nations University – Lawrence KS – BS Environmental Science
December 2016
GPA

Leadership

Captain of Women's and Co-Ed City League Volleyball Team (2017-2019)
Captain of Women's Softball City League Team (2018)

References

References Available Upon Request

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Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) Owyhee, Nevada, 89832

Ex. 6 - Personal Privacy (PP) | Ex. 6 - Personal Privacy (PP)

Ex. 6 - Personal Privacy (PP) Ext. [redacted] Ex. 6 Personal Privacy (PP) @shopai.org

Work Experience

Shoshone-Paiute Tribes Tribal Environmental Protection Program (TEPP) Pesticide Coordinator/Solid Waste Technician, March 2022-Current

- Maintain a recycling retrieval schedule, outreach on recycling, and operate equipment during collection.
- Housekeeping at the TEPP Solid Waste Station
- Retain and build Pesticide program duties include various inspections, outreach, retain program documents (Pesticide Ordinance, Quality Assurance Project Plan, Worker Protection Standard, and various forms).
- Nonpoint Source program coordination duties include, mapping of various trough locations, inspections, coordinate/partake maintenance work, and interact with tribal stakeholders for resources.
- EPA quarterly and annual reporting for two grants. Maintain open communication with EPA grant officers.
- TEPP Sampling program assistance during various sampling events
- Participate and conduct various outreach activities during community events (Arbor Day, health fairs, Owyhee school events, etc.).

Nevada Gold Mines Cortez District Environmental Technician, October 19, 2015-March 2022

- Train onboarding Environmental Technician(s) to take accurate samples and field records. Maintain
- all equipment. Familiarize with many site locations and ensuring safety.
- Coordinate with entire water media group with possible non-compliance issues and help to resolve
- in a timely manner.
- Interact with stakeholders around site to arrange sampling drop off schedules and procedures.
- Development of new sampling data collection program with stakeholders.
- Daily strategize sample locations for quarterly samples and weekly/monthly monitoring for
- monitoring group (water technicians).
- Upkeep of sampling schedule, changes on field sheets, ordering necessary supplies, and projects to
- improve field work.
- Provide weekly staff updates about pervious work, upcoming work, and outstanding items.
- Knowledge of Water Pollution Control Permits (WPCP), sampling procedure, navigating all well
- locations, and sampling equipment.

Shoshone Language Program at the Elko Band Council, September 2014-October 2015

- Shoshone Language Program assistant

- Assist with different Shoshone language programs/classes and with our evening language classes.
- Teach and coordinate the ITCN Head Start Shoshone language class.
- Create activities and curriculum for various ages to learn Shoshone.

Shoshoni Language Project at the University of Utah, June-August 2014

- Third summer returnee/intern
- Organize activities and dinner twice a week for first year summer students to learn and use only Shoshone for the duration of time it took for complete their tasks.
- Discuss with fluent Shoshone elders different phrases and teaching methods that would benefit the student effectively.

Shoshoni Language Project at the University of Utah, June-August 2013
Second summer returnee/intern

- Digitize cassette tapes of traditional Shoshone songs, stories and discussions.
- Organize a language profile and study medicinal Shoshone plants.
- Illustrate an informative children's pine nut picking book.

Newe-Water LLC. Contractor at the Barrick Goldstrike Mine, June-August 2012
Summer Worker

- Worked in the environmental department as an environmental clerk and field work observer.
- Main and Roaster warehouse labor worker.
- Miscellaneous contractor labor work around the mine.

Shoshoni Language Project at the University of Utah, June-August 2011

- First year summer student/intern
- Write and Illustrate a Shoshone children's book.
- Record and Edit sound files of fluent Shoshone elders for a Shoshone Talking Dictionary.

Education

Great Basin College: 2012-2023

- Courses towards degree requirements; degree in progress

Owyhee High School

- High School Diploma (2012)

Work Training

- Opacity (Expired)
- EQuIS Training
- Kubota RVT 900/1100
- Backhoe
- Bailer
- Various Sampling Equipment

Ex. 6 Personal Privacy (PP)

Habitat Project Manager, Sho-Pai Tribal Environmental Protection Program

Ex. 6 - Personal Privacy (PP) | cleveland.chris@shopai.org

Sho-Pai TEPP and Fish, Wildlife & Parks Department — 2003-Present

Habitat Project Manager

Lead riparian habitat monitoring, management and restoration; coordinate beaver trapping and relocation; manage irrigation canal use and development; coordinate with landowners and farmers/ranchers on irrigation needs

Environmental Educator and Planner

Environmental Technician

Sage Grouse Technician

Corporal, United States Marine Corps — 1998-2002

Owyhee Combined School — Graduation: 1998

Owyhee, Nevada, USA

Certifications

Wildland Fire Fighter (IFPM) | Structural Fire Fighter | HAZWOPER Certified | Confined Space Rescue Technician

Volunteering

Coaching for the Sho-Pai Braves youth basketball teams (2017-present) and youth football teams (2014-present)

Ex. 6 Personal Privacy (PP)
P.O. Box 535
Owyhee, Nevada, 89832
Ex. 6 - Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)

OBECTIVE

Diversely educated individual who is working for the Shoshone-Paiute tribes Fish & Game Department where I utilize my education and work experience to fulfill the needs of the Fisheries Biologist position.

SKILLS

- Class B Commercial Driver's License
- OSHA Construction Safety and Health Trained
- Automotive Technology Certificate Degree
- Diesel Technology Applied Science Associate Degree
- Electrical Technology Applied Science Associate Degree
- Science Associate Degree
- Drone and Photography Experience
- EXCEL

EXPERIENCE

09/22 to Present
Shoshone-Paiute Tribes
Fisheries Biologist—Owyhee, Nevada

- Comprehend and carry out actions necessary for the fisheries project management plan—actions revolve around three put-and-take reservoirs, and this includes but is not limited to rainbow trout stocking, fish tagging, reservoir upgrades, and reservoir facility maintenance
- Utilized EXCEL for the purposes of a line item budget and rainbow trout data collection
- Performed rainbow trout research for the purpose of understanding the Shoshone-Paiute tribes' fisheries stocked species
- Basic understanding of aquatic invasive species such as quagga and zebra mussels
- Operation of equipment such as a skid steer, utility terrain vehicles, tractors, various power and hand tools, trucks, trailers, and outboard motor boats
- Attended and participated in the Columbia River Treaty workshop, Boise Fly Fishing Expo and the Upper Snake River Tribes commission meeting

12/16 to 7/17
Barrick Gold Corporation
Maintenance Training Cooperative (MTC) Diesel Student—Crescent Valley, Nevada

- Performed routine maintenance and repair on large mining equipment; for example, on equipment such as Liebherr and Cat Haul Trucks.
- Helped to maintain shop areas, tools, and equipment
- Carried out daily work inspections while making sure to identify safety concerns, hazards, and resolutions
- Worked as part of a team and practiced emotional intelligence to increase job safety and communication

EDUCATION

2020 Associate of Science
Great Basin College—Elko Nevada

- Familiar with laboratory setting and equipment
- Knowledge of aseptic technique and the inoculation process
- Ability to perform and interpret experiments

2021 Associate of Applied Science Electrical Technology
Great Basin College—Elko, Nevada

- Interpret relay ladder logic diagrams
- Ability to utilize digital multimeter for alternate current applications
- Exposure to single-phase, 3-phase power sources

2021 Associate of Applied Science Diesel Technology
Great Basin College—Elko, Nevada

- Read and interpret direct current electrical schematics
- Familiar with basic heavy-duty shop equipment
- Maintenance welding proficient (MIG, 7018 & 6010)

2010 Certificate of Automotive Technology
Universal Technical Institute—Rancho Cucamonga, California

- Familiar with hand and power tools
- Ability to utilize digital multimeter for direct current applications
- Familiar with basic shop equipment

Biographical Sketch for Ex. 6 Personal Privacy (PP)

Title: CEO, North American Native Research and Education Foundation **Phone:** Ex. 6 Personal Privacy (PP)

Email: Ex. 6 - Personal Privacy (PP)

Professional Preparation:

College of Southern Idaho	Major: Science	degree: AS: 1975
University of Idaho	Major: Animal Science, Minor: Chemistry	degree: BS: 1979
Idaho State University	Major: Health Science	degree: MS: 1997
Utah State University	Major: Education/NASA Fellowship, Phys/Eng.	degree: PhD: 2003

Appointments (academic/professional, beginning w/ most recent

2012-Board of Directors, TerraGraphics International Foundation (TIFO)
2011-Presidental Appointment Barry Goldwater Scholarship Board Member
2011-American Indian College Fund Advisory Board Member
2008-2015 Director, Natural Resources Tribal Cooperative, University of Idaho
2008 (currently) Associate Director Idaho Space Grant Consortium
2007-Program Director, NSF Experimental Program to Stimulate Competitive Research (EPSCoR)
2006-NASA-Appointed Educator Astronaut
2006-Science teacher Highland High School, Pocatello, Idaho
1986-2005-Science Chairman Shoshone-Bannock Tribal School, Fort Hall, Idaho

Five Related (STEM) Products

Ex. 6 Personal Privacy (PP)

Five Additional (STEM) Products

Ex. 6 Personal Privacy (PP) The Mathematical Ecology of the Shoshoni and Implications for Elementary Mathematics Education and Young Learner. Issue 2, 2001 Journal of American Indian Education

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) SIMSHOBAN: Computer simulation of indigenous knowledge at Shoshone-Bannock school. Winner of AAA 2001. Anthropology into schools (Rensselar Polytechnic Institute)

Ex. 6 Personal Privacy (PP)

Synergistic Activities Relevant to STEM Projects
Broadening participation in STEM with research/education with Native Americans:

1. Indian Summer: This project enabled Native American students to learn natural production and mortality factors associated with salmon in the early life stages. With a goal of increasing live egg-to-fry hatch rate, more than million eggs have been used in old recycled refrigerators streamside incubation boxes in 40 locations. The results indicated we had more than 90 percent live hatch rate. Idaho National Laboratory (INL) and Office of Navy Research (ONR) provided research funding.

2. SimSho-Ban: Computer simulation of indigenous knowledge at the Shoshone-Bannock school. The characterization of inadequate information technology resources in disadvantaged communities as a "digital divide" was a useful wake-up call. At the same time however, this metaphor is often taken to imply a problematic solution: the "one-way bridge." We have all the technology, they have nothing. This one-way bridge perpetuates stereotypes, and overlooks the valuable resources that disadvantaged groups can offer. This project is based on a "two-way" bridge approach in which we illuminate both technology and culture on each side of the divide. By deploying an anthropological framework, our collaborative design for simulation of Shoshone-Bannock traditional knowledge systems enabled a more symmetric epistemological basis, empowering local education while offering new approaches for participatory software design in high-tech frontiers.

3. TechLink: Imagine being in a spacecraft light years from Earth and surrounded by your own garbage but with nothing to eat. Your life would depend on your ability to recycle your waste and to grow food, and that would depend on your ingenuity in using materials at hand in your spacecraft. This experiment was designed to test how well food crops grow in substances available in space. Partners included students from Sho-Ban School in Fort Hall, Idaho, researchers from the J.R. Simplot Company of Boise, Idaho and researchers from the NASA Johnson Space Center in Houston, Texas. The professional and student science teams grew peas, potatoes, beans, squash, radishes and other vegetables in a combination of Martian soil, space mission wastes, and zeolite. The results of the experiment provided valuable information about food production in closed-loop systems that might ultimately affect the longevity of space missions.

4. Beaver Buster Transplant Team (BBTT): The objective of BBTT is two- fold. One, is to form partnerships in the relocation of beavers. The partners were defined as Universities, Tribes, High Schools, Forest Service Agencies, Bureau of Land Management, veterinary professionals, land owners and volunteers. Two, explore these scientific questions: Do all beavers carry Giardia? Are all beavers genetically related? Can the team transplant a wild beaver family safely to a new location? What can we learn together?

Collaborators & Other Affiliations: American Indian Studies Program, Ex. 6 Personal Privacy (PP) Aquaculture Research Institute, Ex. 6 Personal Privacy (PP) Director; Idaho State University, Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) Columbia River Intertribal Fish Commission (CRITFC), Ex. 6 Personal Privacy (PP) Rocky Mountain Space Grant Consortium, Utah State University, Ex. 6 Personal Privacy (PP)

Graduate and Post-Doctoral Advisor: Ex. 6 Personal Privacy (PP) Chair Physics Department Utah State University; Ex. 6 Personal Privacy (PP) Chair Nutrition and Biochemistry, Utah State University

Thesis Advisor and Postgraduate-Scholar Sponsor: Ex. 6 Personal Privacy (PP) (Law school somewhere back east); Ex. 6 Personal Privacy (PP) (Shoshone-Bannock Tribe); Ex. 6 Personal Privacy (PP) (Mom); Ex. 6 Personal Privacy (PP) (Idaho Fish and Game); Ex. 6 Personal Privacy (PP) (self-employed).

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) Providence, UT 84332
Ex. 6 - Personal Privacy (PP) | Ex. 6 - Personal Privacy (PP)

Current Position: **Program Manager, Utah State University**
Utah NASA Space Grant Consortium

Profile

Administrative professional offering versatile business management skills and proficiency in multiple software programs. Strong planner and problem solver who readily adapts to change, works independently and exceeds expectations. Able to juggle multiple priorities and meet tight deadlines without compromising quality. Close attention to detail.

Education

Utah State University, College of Business — Logan, UT
B.S. Degree, Business Information Systems, Office Systems Management Emphasis, December 1994 Minor in Accounting
Graduated *Summa Cum Laude*, [redacted] GPA

Professional Development:
Attend monthly business manager forums with USU Sponsored Programs Office to enhance knowledge of USU policies and procedures with contracts and grants.
Proficient in using USU Banner modules of finance, HR, and travel and USU EZ Buy
Work closely with departmental offices in USU Colleges of Engineering & Science
Working relationship with USU Contracts & Grants and Controller's Offices
Attend national and regional Space Grant Meetings of the National Consortia
NASA training in OEPM and Gateway reporting systems.

Key Skills

Office Skills:	*Office Management*	*Subcontracts & Awards*	*Executive Support*
	Grant Writer	*Budgets/Accounts*	*Event/Meeting Planning*
	Records & Database Management	*Spreadsheets/Reports*	*Travel Coordination*
		Proposal Preparation	*Calendaring/Event Mgt.*
Computer Skills:	*MS Word*	*MS Outlook*	*MS Visio*
	MS Excel	*MS Access*	*USU Banner System*
	MS PowerPoint	*MS Project*	*WordPress/Dreamweaver*

Experience

Utah NASA Space Grant Consortium & NASA EPSCoR of Utah — **Program Manager, 2018 – present**

Program Coordinator, 2004 – 2018

Utah State University, Logan, UT

Coordinate all programs of the Utah (formerly Rocky Mountain) NASA Space Grant Consortium headquartered at the University of Utah and formerly, Utah State University. Manage all aspects of the Space Grant, EPSCoR, and other affiliated Space Grant awards including writing of the grant proposals and budgets, working closely with 19 affiliate members of Space Grant throughout the State of Utah and monitoring their work through

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subawards, managing all sub-awards including tracking of expenditures and matching funds. Collect all data on the grants including NASA Internships, Fellowships and Scholarships, Research Infrastructure and Higher Education Awards, Pre-college and Informal Education components of the grant and reports all necessary data to NASA on a regular basis. Prepare annual and final reports on all of the grants and communicates regularly with NASA Office of Education and other Space Grant Consortia across the nation. This position includes solving problems, working well under pressure, managing multiple tasks simultaneously, taking self-initiative, maintaining confidentiality, and working with little supervision. Strong interpersonal and communication skills are a must. Specific duties being performed are outlined as follows:

- Utah NASA Space Grant Consortium grant proposals and budget preparation
- Prepare Affiliate subcontracts and work closely with affiliates to monitor activities
- Utah NASA Space Grant Consortium awards annual and final reporting
- Develop internal solicitations for competitive awards
- Facilitate fellowship/scholarship awards at different Space Grant institutions and maintain database of student awards
- Event management/Website management/General office/Regular correspondence with 19 Affiliate members

Additional Professional Experience:

TerraGraphics International Foundation, Inc. (TIFO) — **Grant Support Specialist, 2021-current**

Work as a grant support specialist with Terragraphics International Foundation (TIFO) on grants submitted to and funded by the Environmental Protection Agency (EPA). TIFO has extensive expertise in environmental and health impact assessment, education, and training and works with communities to address environmental health challenges. Specific duties performed are outlined as follows:

- Proposal budget preparation; creation and maintenance of grant subaward processes
- Post-award processes of financial tracking, funds draw-down, and monitoring of grant funds/expenditures
- Familiar with EPA policies and procedures, reporting, and financial systems
- Correspondence and communication with TIFO staff to maintain federal grants and adhere to EPA standards • Prepare final financial documents to close out awards

NIH SBIR Grant Proposal Preparer/Submitter — **Consultant, 2013 - 2017**

Worked as a consultant with Utah companies to prepare small business grant proposals to submit to the National Institutes of Health (NIH). To-date, these grants have brought in over a million dollars to small Utah companies.

Rocky Mountain NASA Space Grant Consortium
Utah State University, Logan, UT
Administrative Assistant, 1995 - 2004
Student Intern/Secretary, 1993 – 1995

Worked as a student secretary and then promoted to Administrative Assistant after graduation from USU. Assisted with proposals and contacted Space Grant Affiliates for inputs and upcoming projects, input data into annual CMIS reporting system, prepared newsletter of RMNSGC, and performed general office duties.

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Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) | Moscow ID 83843 | USA
Ex. 6 Personal Privacy (PP)@terrafound.org Ex. 6 - Personal Privacy (PP)

Education

Ph.D., Environmental Science and Engineering, Yale University, 1980
M.F.S., Biometeorology and Atmospheric Studies, Yale University, 1973
B.S., Chemical Engineering, Carnegie-Mellon University, 1971

Professional & Technical Certifications

Professional Engineer, Idaho #Ex. 6 Personal Privacy (PP) (1975)

Professional Experience

Ex. 6 Personal Privacy (PP) is co-founder of TerraGraphics International Foundation (TIFO), a non-profit humanitarian environmental response organization. He served as Chief Executive Officer and Principal Scientist of TerraGraphics Environmental Engineering Inc. from 1984-2014. Under his direction, TerraGraphics developed into a one-hundred person multidisciplinary environmental firm, specializing in the design and management of complex projects including site characterization, risk assessment, hazardous waste remediation, engineering design, GIS and database, and remediation oversight. He has 46 years of national and international engineering and scientific experience that includes a variety of environmental assessments; studies in air, water, and soil pollution; toxic and hazardous materials investigations; remedial and cleanup plans; human health risk assessments; and application of statistical analysis techniques to multidisciplinary environmental problems. He has directed more than 40 major health/environmental projects including primary and secondary smelters, used battery processors, landfills, uranium mill tailings, and organic chemical waste sites in the U.S. He has designed and implemented international health risk assessment/remediation projects in countries with high levels of childhood morbidity and mortality including Russia, China, Peru, Bangladesh, Dominican Republic, Senegal, Nigeria, and Kyrgyzstan.

As a Principal Scientist at TIFO, Ex. 6 Personal Privacy (PP) works with marginalized mining and recycling communities around the world to address pollution-related health and environmental issues. Projects are implemented at the local level acknowledging diverse ethnic, religious, socio-economic, and geographic backgrounds to protect future generations and maintain livelihoods in vulnerable communities. TIFO's mission focuses on building environmental health capacity in both the host countries and the next generation of US scientists by sponsoring and directing collaborative projects, pairing US and local professionals and students; and encouraging programmatic research publications summarizing project outcomes and lessons learned. Since 2010, TIFO has partnered with Médecins Sans Frontières (MSF, Doctors Without Borders) in implementing joint medical, public health and environmental responses. TIFO's recent projects are evolving into a global juxtaposition of simultaneously assisting indigenous and disadvantaged communities in both the US and poor/middle income countries responding to the exponential demand for gold and green-energy technologies in the US, central Asia and west Africa. These projects offer promise of reviving a specialty metals industry in the US and providing subsistence incomes for poor populations suffering from climate-related loss of traditional agricultural and pastoral support systems. Conversely, there is the potential for catastrophic health and environmental damages. US efforts involve rigorous technical analysis of sophisticated regulatory environmental impact and permit applications, conveying that to uninformed communities, and advocating for the highest levels of environmental responsibility. Responses in poor countries involve identifying and implementing protective measures achievable within the socio-economic, political and economic capacity of the community. International projects often involve developing

practicable community, family, and individual worker level health interventions, as governments often lack the resources and capacity to effectively regulate industry in either the artisanal or formal sectors.

Ex. 6 Personal Privacy (PP) has served as an EPA Science Advisory Board and Clean Air Scientific Advisory Committee (CASAC) Subcommittee Member on several occasions, including: EPA Criteria Assessment Committee for Lead in the Ambient Air (1975-1977), and subsequent CASAC NAAQS lead reviews (1982-1986, 2006-2008); Review Subcommittee Assessing the Use of the Biokinetic Model for Lead Absorption in Children at RCRA/CERCLA Sites (1988); Subcommittee Assessing the Consistency of Lead Health Regulations in U.S. EPA Programs (1992); SAB Review Subcommittee for Urban Soil Lead Abatement Demonstration Project (1993); the Ad Hoc All-Ages Lead Model (AALM) Review (2005-2007, 2019-2020); External Peer Review of EPA's Draft Report Peer Review of the Proposed Modeling Approaches for a Health-Based Benchmark for Lead in Drinking Water (2017).

Project Experience

Bunker Hill Mining and Metallurgical Complex/Coeur d'Alene Basin Superfund Site, ID, 1974–2016

Washington State Department of Justice – Natural Resources Division Litigation Support and Expert Witness, Northeastern Washington State, December 2009– December 2012

Trail of the Coeur d'Alenes and Bayhorse Ghost Town Remediation and Idaho State Parks and Recreation (IDPR) Development

Lead Poisoning – Emergency Health Response, Haina, Dominican Republic 2007-2011.

Lead Poisoning – Emergency Health Response, Dakar, Senegal 2009-2011.

Lead Poisoning – Emergency Health Response, Zamfara and Niger States, Nigeria, 2010–Present

TIFO-Médecins Sans Frontières Collaborations: Bangladesh and Kyrgyzstan, 2011-Present.

Gold and Strategic Minerals Development Impact Evaluations on Historic Tribal Lands, Intermountain West, USA, 2020 – Present.

Regulatory Knowledge

Ex. 6 Personal Privacy (PP) has worked on projects regulated under Federal, State, local, and foreign regulations, including CERCLA, TSCA, CWA, CAA, NESHAPs, DOT, EPRCRA, SARA, NEPA, and RCRA in the U.S.

He has provided litigation support and expert witness testimony in administrative and court proceedings. He has served on several U.S. government advisory panels, including the appointments pertinent to lead health and remediation as shown in the list below.

Special Appointments/Memberships/Affiliations (last 5 years)

U.S. EPA Science Advisory Board. Peer Review. All Ages Lead Model (AALM). Washington, DC. October 16-20, 2019.

U.S. EPA External Peer Review. Draft Report, Proposed Modeling Approaches for a Health Based Benchmark for Lead in Drinking Water. Prepared for: U.S. Environmental Protection Agency, Office of Water, Washington, DC. June 27-28, 2017.

U.S. EPA External Peer Review. EPA's Approach for Estimating Exposures and Incremental Health Effects from Lead due to Renovation, Repair, and Painting Activities in Public and Commercial Buildings. Prepared for: U.S. Environmental Protection Agency, Office of Pollution Prevention and Toxics, Washington, DC. January 2015.

American University of Armenia, School of Public Health, Yerevan. Invited Professor, Graduate course Risk Assessment for Environmental Health Professionals for Master of Public Health (MPH) Students. 2012-present.

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) Moscow Idaho 83843
Ex. 6 Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)

Education

Ph.D., Civil and Environmental Engineering, 1989, Washington State University
M.C.E., Civil Engineering, 1980, University of Idaho
B.S., Engineering Science and Mechanics, 1974, Georgia Institute of Technology

Professional & Technical Certifications

Professional Engineer, Idaho # Ex. 6 Personal Privacy (PP) (1975)

Professional Experience

Ex. 6 Personal Privacy (PP) is co-founder and board member of TerraGraphics International Foundation (TIFO), a non-profit organization that assists community leaders, local and traditional governments, universities, and other non-governmental organizations (NGOs) to protect community health by adapting and applying responsible environmental health intervention and remediation methodologies in the developing world. TIFO is continuation of the TerraGraphics/University of Idaho (TG/UI), International Health and Restoration Initiative, established in 2005, as a non-profit, joint research and development project to adopt lessons learned in US environmental cleanups to developing countries.

Ex. 6 Personal Privacy (PP) is professor emerita and former Dean of College of Graduate Studies at the University of Idaho, where she taught environmental science, engineering, risk assessment, and founded the interdisciplinary Environmental Science Program. Ex. 6 Personal Privacy (PP) is a visiting professor at the American University of Armenia's School of Public Health, where she teaches Risk Assessment for Environmental Health Professionals. She is a member of the Collegium Ramazzini, an international scientific community of occupational and environmental health professionals, and is recipient of numerous awards at the University of Idaho, Washington State University, and the US EPA.

Ex. 6 Personal Privacy (PP) served as Dean of the College of Graduate Studies at the University of Idaho from 2005 to 2010, and was Associate Dean from 2002 to 2005. She provided leadership and administration for five interdisciplinary programs including the Environmental Science Program and the Water Resources Program with faculty members from throughout the University. These programs provide a valuable network of faculty and students who conduct research in environmental areas. Ex. 6 Personal Privacy (PP) has been very active in undergraduate and graduate education, research, and extension.

Academic Experience

Ex. 6 Personal Privacy (PP) faculty positions include Professor of Chemical Engineering, 2000-2011, Associate Professor (1993-2000) and Assistant Professor (1989-93). She founded and directed the Idaho Science Camp for underrepresented junior high students from 1986-1993. She served as

Director of the Environmental Science Program at the University of Idaho from 1993 to 2003 and also directed the Environmental Engineering Program from 1999 to 2002. Ex. 6 Personal Privacy (PP) served as Associate Vice President for Research in 2000-01 (temporary appointment to develop Strategic Plan) and as Acting Vice President for Research and Graduate Studies during 2003.

Ex. 6 Personal Privacy (PP) has served as Chair of the Inland Northwest Research Alliance (INRA) Council of Graduate Deans, which oversees a subsurface science fellowship program across 8 universities, funded by the Department of Energy. She was also President, Western Association of Graduate Schools (WAGS), serving ~100 universities.

Regulatory Knowledge

Ex. 6 Personal Privacy (PP) was Chair, Idaho Department of Health and Welfare, DOE INEEL Dose Evaluation Review and Assessment (DERA) Advisory Panel from 1991 to 1993. She held positions as Regional Environmental Engineer of the Division of Environment, Lewiston, Idaho, from 1977 to 1979 and Environmental Engineer for USEPA Region IV, Water Enforcement Division, Atlanta, Georgia, 1975-1977.

Honors and Awards:

Invitee, Women's Engineering Leadership Conference, National Science Foundation, October 2000 (one of 40 women selected from over 200 applicants)
Kellogg National Fellowship, $75,000, 1993-96 (awarded to 50 individuals/year)
Outstanding Faculty Award, College of Engineering, 1992
Nominee, NSF Faculty Awards for Women Scientists and Engineers, 1991
Outstanding Woman in Graduate Studies, Washington State University, 1987
EPA Fellowship, Office of Drinking Water, Washington, D.C., 1979-80
EPA Suggestion Merit Award, 1975
Outstanding Engineering Student, Georgia Institute of Technology, 1973

Ex. 6 Personal Privacy (PP)

• Ex. 6 Personal Privacy (PP) Owyhee, Nevada, 89832 • Ex. 6 Personal Privacy (PP) • Ex. 6 - Personal Privacy (PP)

EXPERIENCE:

OWYHEE COMBINED SCHOOL, OWYHEE, NV **11.2003-present**
Special Education Teacher 7th – 12th

- Design specialized instruction for students with disabilities
- Complete required documentation and keep comprehensive, confidential files
- Assess student progress

TITLE VI INDIAN EDUCATION, ELKO COUNTY SCHOOL DISTRICT
Board Member / Instructor

- Help students meet challenging state academic content and academic achievement standards
- Meet the unique culturally related needs of Native American Students
- Plan and fund projects related to improved academic student outcomes

UPPER SNAKE RIVER TRIBES (USRT), DUCK VALLEY INDIAN RESERVATION **12.2018-present**
School Liaison

- Plan and coordinate activities related to USRT mission
- Create and implement lesson plans
- Collaborate with 21st Century After School program to implement program

AMERICAN INDIAN SCIENCE AND ENGENEERING SOCIETY (AISES), OWYHEE, NV **12.2015-present**
Owyhee High School Chapter Co-Coordinator

- Plan and implement student research projects and Promote STEM Education in the school community
- Partner with outside agencies to provide mentoring and workplace experiences
- Mentored four, national award-winning science projects

UNIVERSITY OF NEVADA RENO, COOPERATIVE EXTENSION, OWYHEE, NV **08.2015-06.2018**
STEM Instructor

- Implemented Robotic lesson plans
- Instructed students in computer code
- Taught student to build and operate drones

OWYHEE JR. HIGH SCHOOL, OWYHEE, NV **08.2001-05.2003**
GEAR UP Coordinator

- Coordinated college and worksite visits
- Tutored students in core subjects
- Created a school mentoring program called The Inner Circle

GREAT BASIN COLLEGE, OWYHEE, NV **08.1995-06.2003**
Owyhee Site College Class Coordinator.

- Planned GBC college classes to be offered in Owyhee
- Conducted community needs assessment
- Facilitated interactive video and on-line classes

GREAT BASIN COLLEGE, OWYHEE, NV **09.1994-05.2006**
Adult Basic Education Instructor

- Taught GED preparation skills
- Coordinated with Shoshone Paiute Tribal Court and Education Department to provide services
- Awarded the Outstanding Adult Educator from the State of Nevada

UNITED STATES FOREST SERVICE, McCALL RANGER DISTRICT **05.1986-10.1988**
Initial Attack Heli-tack Helicopter Crew Member / Fuels Inventory Specialist

- Conducted fuels inventories and made recommendation post-harvest treatment
- Wildland Initial Attack fire fighter

EDUCATION:

WASHINGTON STATE UNIVERSITY, PULLMAN, WASHINGTON **June 2002**
B. S. Social Sciences

GREAT BASIN COLLEGE, ELKO, NEVADA **June 1999**
Associate of Science

REFERENCES:

Ex. 6 Personal Privacy (PP)
Principal, Owyhee Combined Schools
Ex. 6 - Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)
100 Academic Way
Owyhee Nevada 89832

Ex. 6 Personal Privacy (PP)
Associate Professor, State Extension Specialist
University of Nevada, Reno
Ex. 6 - Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)
1664 N. Virginia Street
Reno, Nevada 89557

Ex. 6 Personal Privacy (PP)
Chief Executive Officer, Shoshone Paiute Tribes
Ex. 6 - Personal Privacy (PP)
Cavanaugh.antionette@shopai.gov
Labor Camp Circle
Owyhee Nevada 89832

View Burden Statement

Federal Financial Report

(Follow form Instructions)

OMB Number: 4040-0014
Expiration Date: 02/28/2025

1. Federal Agency and Organizational Element to Which Report is Submitted	2. Federal Grant or Other Identifying Number Assigned by Federal Agency (To report multiple grants, use FFR Attachment)
U.S. Environmental Protection Agency	EQ - 02J03501 - 0

3. Recipient Organization (Name and complete address including Zip code)

Recipient Organization Name: TerraGraphics International Foundation Inc
Street1: 121 S. Jackson St.
Street2:
City: Moscow
County:
State: ID
Province:
Country:
ZIP / Postal Code: 83843-2037

4a. UEI	4b. EIN	5. Recipient Account Number or Identifying Number (To report multiple grants, use FFR Attachment)
C83QUXEKJ2C4	45-4007725	

6. Report Type	7. Basis of Accounting	8. Project/Grant Period	9. Reporting Period End Date
☐ Quarterly ☐ Semi-Annual ☐ Annual ☒ Final	☐ Cash ☒ Accrual	From: 1/1/22 To: 12/31/22	12/31/22

10. **Transactions**	Cumulative
(Use lines a-c for single or multiple grant reporting)	
Federal Cash (To report multiple grants, also use FFR attachment):	
a. Cash Receipts	75,000.00
b. Cash Disbursements	75,000.00
c. Cash on Hand (line a minus b)	0.00
(Use lines d-o for single grant reporting)	
Federal Expenditures and Unobligated Balance:	
d. Total Federal funds authorized	75,000.00
e. Federal share of expenditures	75,000.00
f. Federal share of unliquidated obligations	0.00
g. Total Federal share (sum of lines e and f)	75,000.00
h. Unobligated balance of Federal Funds (line d minus g)	0.00
Recipient Share:	
i. Total recipient share required	21,358.00
j. Recipient share of expenditures	31,903.62
k. Remaining recipient share to be provided (line i minus j)	-10,545.62
Program Income:	
l. Total Federal program income earned	0.00
m. Program Income expended in accordance with the deduction alternative	0.00
n. Program Income expended in accordance with the addition alternative	0.00
o. Unexpended program income (line l minus line m or line n)	0.00

11. Indirect Expense

a. Type	b. Rate	c. Period From	Period To	d. Base	e. Amount Charged	f. Federal Share
De minimus indirect costs	10%	1/1/2022	12/31/2022	40,466.31	4,046.63	4,046.63
			g. Totals:	40,466.31	4,046.63	4,046.63

12. Remarks: Attach any explanations deemed necessary or information required by Federal sponsoring agency in compliance with governing legislation:

Add Attachment | Delete Attachment | View Attachment

13. Certification: By signing this report, I certify to the best of my knowledge and belief that the report is true, complete, and accurate, and the expenditures, disbursements and cash receipts are for the purposes and objectives set forth in the terms and conditions of the Federal award. I am aware that any false, fictitious, or fraudulent information, or the omission of any material fact, may subject me to criminal, civil or administrative penalties for fraud, false statements, false claims or otherwise. (U.S. Code Title 18, Section 1001 and Title 31, Sections 3729-3730 and 3801-3812).

a. Name and Title of Authorized Certifying Official

Prefix: Dr. First Name: Casey Middle Name:

Last Name: Bartrem Suffix:

Title: Executive Director, TIFO

b. Signature of Authorized Certifying Official

Casey Bartrem
2023.01.18 09:51:12 -08'00'

c. Telephone (Area code, number and extension)

Ex. 6 Personal Privacy (PP)

d. Email Address

casey@terrafound.org

e. Date Report Submitted

1/18/23

14. Agency use only:

Standard Form 425

NIMS4MIM Work Plan
1.0 PROGRAM OBJECTIVES
1a: Project Summary Page

Title: National Incident Management System for Meaningful Input on Mining (NIMS4MIM)

Location: Sho-Pai Tribe | Duck Valley Indian Reservation, PO Box 219, Owyhee, NV 89832

Applicant Information: TerraGraphics International Foundation, Inc. (TIFO) | 121 S. Jackson Street, Moscow ID 83843 | Dr. Casey Bartrem, casey@terrafound.org, Ex. 6 - Personal Privacy (PP)

Applicant Organization: TIFO works with vulnerable communities to address environmental health challenges related to mining and other industries. TIFO has extensive expertise in environmental and health impact assessment, education, training, and in grassroots community collaboration. Ongoing projects include health impact assessment and intervention in mining communities in Kyrgyzstan, environmental assessment in climate and water-stressed communities in Uzbekistan, and supporting local environmental and educational initiatives in U.S. Tribal communities. TIFO is a U.S. 501(c)(3) nonprofit organization.

Are you applying for the Small CBO Set Aside Track for $150,000 projects? No.

Project Abstract*:* Like many Tribal communities, the Shoshone-Paiute (Sho-Pai) Tribe of the Duck Valley Indian Reservation (DVIR) is experiencing intense mining pressure related to minerals needed for low-carbon energy. Tribes have a short time to engage in government-to-government consultation on proposed mine operations through the National Environmental Protection Act, which requires them to review thousands of pages of environmental impact statements, identify potential impacts, coordinate with stakeholders and community members, and provide feedback. As a small reservation, the Tribe's limited resources are quickly overwhelmed, thus the need for an emergency response strategy. **Objective:** Partners will utilize the EJCPS Model to develop and implement an innovative strategy for DVIR to use when engaging in government-to-government consultation. Using all seven EJCPS elements, partners will adapt the federal National Incident Management System (NIMS) framework for disaster preparedness and response to achieve meaningful input on mining (NIMS4MIM). The result will be a rapid response strategy using the three components of the federal NIMS for emergency response and preparedness: *resource management, coordination, and communications*. **Activities:** NIMS4MIM will be developed through workshops, trainings, community forums, and hands-on activities. **Outputs** include development of baseline datasets, workshops, trainings, community forums, engaging K-12 youth, and the NIMS4MIM rapid response strategy. **Outcomes** include increase in local knowledge, enhanced technical capacity to assess potential mining impacts, stronger collaborative decision making in responding to proposed mining activities, the protection of DVIR environmental, wildlife, and cultural resources for future generations, and adaptation and adoption of NIMS4MIM by other Tribes.

Project Type(s): Pollution prevention, climate resiliency and adaptation, facilitating engagement of disadvantaged communities in Federal processes

Special Considerations: Climate change, rural areas, and health impact assessment.

Environmental Issues: Environmental justice, air, water, wildlife, mining, NEPA

List of Project Partners: TIFO (CBO); DVIR Tribal Environmental Protection Program (Tribal Government); DVIR Fish & Game (Tribal Government); Owyhee Combined School (K-12 School); Upper Snake River Tribe Alliance (CBO); Idaho Conservation League (nonprofit partner)

Will you need to develop a QAPP for your project? Yes.

1b. Environmental and Public Health information of the Underserved Community

Disproportionate harms: The Shoshone-Paiute (Sho-Pai) Tribe of the Duck Valley Indian Reservation (DVIR) is comprised of descendants of the Western Shoshone and Northern Paiute Tribes who once freely occupied the area now known as Idaho, Nevada, and Oregon. The Sho-Pai Tribe is one of five federally recognized tribes in Idaho.[1] DVIR is an economically and geographically isolated community located on the Idaho-Nevada border with 50.2% of the reservation and Tribal Headquarters in Idaho. Of the 2516 registered tribal members, 1800 live on the reservation.[2,3] The K-12 school serves 326 children, 92% of whom are Native American and 67% who qualify for Free or Reduced Lunches.[4] EPA's Environmental Justice Screening Tool (EJSCREEN) reports the area in the 70th percentile of U.S. low-income populations, the 75th percentile for U.S. unemployment rate, and the 87th percentile for U.S. populations with less than a high school education. DVIR is in the 73rd percentile in the state of Nevada for proximity to a Superfund site.[5]

Nationally, Native communities face disproportionate burden of environmental harm, especially related to heavy metal exposures.[6] More than 600,000 Native Americans live within 10 kilometers of an abandoned mine.[7] Public water systems are a considerable risk factor in many Native communities, with elevated lead levels in drinking water a serious concern.[7,8] Cancer mortality rates among Native communities have increased over a 20-year period, with evidence linking some of this increase to heavy metal exposures.[1] Cancer mortality rates are higher for Native Americans, even when compared to other at-risk groups.[2]

Community impacts: Mining companies are actively exploring areas near DVIR. Nevada accounts for about 80% of U.S. gold production.[9] Approximately 40% of this production is from 50 major gold deposits in Elko County, NV, where 49.8% of DVIR's territory and most of its population is located.[10] National Mercury Deposition Network monitors near DVIR show high mercury concentrations associated with nearby processing.[11] Rising gold prices will continue to drive mining development, potentially increasing landscape damage, fugitive and hazardous emissions, and adverse impacts to tribal resources. Nevada has the largest mining program in the U.S., with more than 180,000 active mining claims (totaling 49% of mining on BLM lands), 198 planned mine operations, and 282 active exploration notices.[12] The potential human health impacts of these issues alone pose significant risks to residents, especially to young children.

DVIR has already been directly impacted by the Rio Tinto copper mine on Mill Creek, a tributary of the East Fork of the Owyhee River (EFOR), 4 miles up-gradient (see DVIR map). From 1932-1987, hazardous substances were discharged into Mill Creek during mining operations and waste impoundment failures.[13] Rio Tinto is a Superfund site and though it has been remediated, water quality has not reached pre-mining conditions.[14] The EFOR is the primary water source for surface and groundwater recharge and for tribal livestock and fisheries.

The Sho-Pai face additional challenges related to climate change. Increasing frequency and severity of wildfires due to climate change are a major risk to communities like DVIR, which relies on grazing lands for much of its economy.[15] Water shortages are also a concern, highlighted by recent droughts. Modelling predictions indicate temperatures will continue to rise in the Upper Snake River region.[16] Water quality and quantity are impacted by wildfires and droughts and will be a significant challenge for DVIR in coming years.

A critical part of DVIR Tribal identity is the alliance with its 3 sister tribes: The Burns Paiute, the Fort McDermitt Paiute-Shoshone, and the Shoshone-Bannock Tribes. The four tribes are represented in the Upper Snake River Tribes (USRT) Foundation, an alliance whose charter is to facilitate Tribal unity to protect Tribal rights, languages, cultures, and traditions.[17] DVIR and the

other three USRT members face a unique and often undervalued climate change threat: demand for minerals such as lithium and copper to power low-carbon technology.[18] Global demand for lithium is projected to increase >900% by 2050 to meet demand for 'green' energy (electric vehicles, wind and solar power, and energy storage). Cobalt demand will increase >500%, and speculation over development of antimony batteries has driven that market demand in recent years.[19] Mining claims for these three metals have increased dramatically in the Nevada/Oregon/Idaho region, with multiple examples of projects impacting traditional lands of Native American communities, including the McDermitt Reservation, a USRT member.[20,21]

Environmental/public health issues the project addresses: A summary of disproportionate challenges faced by DVIR are detailed in the previous section. In addition, Tribes have a short window to respond to proposed mine operations through the National Environmental Protection Act (NEPA) process, required by the *EPA Policy on Consultation and Coordination with Indian Tribes* (EO 13175). Government-to-government consultation requires Tribes to review thousands of pages of documents regarding each proposed mine, identify potential impacts to cultural sites and environmental resources, coordinate with stakeholders and community members, and provide clear evidence for any concerns. This process overwhelms small governments like DVIR, despite the fact these mines will impact traditional hunting and fishing lands, water, sacred sites, public health, and future generations. Also, each federal agency (e.g., Forest Service, Bureau of Land Management) has adopted its own procedures on how environmental assessments (EAs) are prepared – DVIR is surrounded by both Forest Service (FS) and Bureau of Land Management (BLM) lands, and these lands are administered by two FS and three BLM field/district offices in two states. As one example, the BLM manages 26,000 acres of public land in the Owyhee River Wilderness. In the past 10 years, for BLM alone, there have been 109 EIS in the Idaho Bruneau District (10 are currently active), 156 in the Nevada Elko District (14 are active) and 178 in the Nevada Battle Mountain District (49 are active).[22] Meaningful participation in NEPA and provision of feedback regarding the numerous proposed actions are a serious challenge to the Sho-Pai.

An innovative strategy for DVIR to meaningfully participate in the NEPA process is to use the federal National Incident Management System (NIMS) framework for disaster preparedness and response to achieve meaningful input on mining (NIMS4MIM). Adapting NIMS, a tool intended for emergency response planning, is fitting for developing a government-to-government response strategy given the "emergency" of the rapid expansion of mining proposals faced by DVIR. According to the EPA EIS database, there have been 278 EIS in NV and ID in the last 10 years.[23] Using the EJCPS Model, TerraGraphics International Foundation (TIFO), the Sho-Pai tribe, and other partners will develop a rapid response strategy to respond to such proposals using the three components of NIMS: *resource management, coordination, and communications*.

NIMS4MIM is a novel approach that empowers the Sho-Pai to more effectively participate in U.S. democratic processes, preserve culturally significant heritage sites, and protect environmental resources. By relying on the NIMS framework and EJCPS Model, and working with the Tribe to adapt the strategy, this process can be readily scaled by other USRT members.

Results and community benefits: Potential for new mining operations to impact DVIR are significant, especially considering past and current injustices. Mining has historically resulted in devastating impacts for Tribes; DVIR has been directly impacted by the Rio Tinto Superfund Site; the controversial lithium mine at Thacker Pass – adjacent to DVIR's sister reservation, Fort McDermitt – threatens the environment, hunting and gathering areas, and sacred sites.

NIMS4MIM will enable the Tribe to establish baseline conditions on DVIR, rapidly assess potential mining impacts, communicate with community stakeholders to understand their concerns, and assemble a technically strong response that can mitigate environmental and social impacts of mining operations on/near Tribal lands. Building capacity in Health Impact Assessment (HIA) means that public health threats will be considered and mitigated. NIMS4MIM enables DVIR to have meaningful and impactful participation in the NEPA process. It also results in increased technical capacity. Because the idea for this project comes from within the community, it is inherently representative of community goals and objectives.

The following summarizes the three components of NIMS (*resource management, coordination, communication)* that will be adapted through utilization of the EJCPS process. Associated project activities (see Section 2a) are indicated under each component.

1. Resource management
    a. Identify existing technical expertise within the Tribe and with partners to be used in trainings, workshops, and in final NIMS4MIM strategy *(Workshops 2-4)*
    b. Develop baseline environmental, wildlife, and traditional ecological knowledge (TEK) data to facilitate understanding of potential and actual mining impacts, and determine how best to manage that data for future retrieval *(Activity 1)*
    c. Determine training needs such as geographical information systems (GIS) skills, how to review environmental impact statements (EIS), HIA, etc. *(Trainings 1-5)*
    d. Engage keepers of historical and traditional knowledge *(Activity 1)*
2. Coordination
    a. Identify responsibilities of various Tribal government departments and community partners and incorporate into final NIMS4MIM strategy to create a unified approach *(Workshops 5-7)*
    b. Work within existing organizational structures and skillsets to improve efficacy and efficiency *(Workshops 6-8)*
3. Communication strategies
    a. Identify when and how community stakeholders will be engaged in developing response to proposed mining operations *(Community Forums)*
    b. Share information between partners throughout response process *(Activity 2, 3)*
    c. Use local newsletter (*Sho-Pai News*) to seek participation in project activities.

Section V: NIMS4MIM includes HIA, Rural Areas, and Climate Resiliency:

NIMS4MIM will enable the Tribe to determine potential impacts of mining on health and well-being, taking a holistic view of a range of potential impacts, complimenting EPA's intent for HIA as decision-support tool for health communities. By including consideration of impacts to wildlife and cultural resources, NIMS4MIM includes health determinants (factors influencing health outcomes) that are specific to the Tribes.

There are 1800 residents on DVIR; the community is centered around the town of Owyhee, NV, which is economically and geographically isolated, accessible by one two-lane north-south road. It is 100 miles north of Elko, Nevada and 100 miles south of Mountain Home, Idaho (see appendix DVIR map). Most of the economy relies on grazing and sales from fishing licenses.

Successfully managing climate change impacts requires DVIR to manage increased incidence of wildfires, increased droughts, and, ironically, the increase in demand for critical minerals needed to power low-carbon energy alternatives. The latter requires DVIR to adapt for future challenges, including developing a system for assessing potential impacts of mining within their region.

1c. Organization's Historical Connection to Underserved Community

History: TIFO's Project Manager Dr. Casey Bartrem has worked with the Tribal Environmental Protection Program (TEPP), Fish and Game (F&G), and Owyhee Combined School (OCS) since 2021, supporting educational activities and local capacity building. In 2022, TIFO, F&G, and OCS received an EPA Environmental Justice Small Grant (EJSG) to implement an environmental education project for OCS students. TIFO worked closely with DVIR partners throughout the project period and has continued to regularly collaborate with partners on developing additional support of DVIR priorities since that time. Dr. Ed Galindo (TIFO Board of Directors, Yaqui Indian) has been involved in environmental education projects with the Sho-Pai since 2000 focusing on STEM education to improve the environment. Dr. Galindo also received NASA's "Summer of Innovation" funding to implement STEM programs in tribal communities throughout the region, including OCS in 2005. He has continuously collaborated with teachers and leaders in DVIR on environmental and STEM education initiatives. Dr. Margrit von Braun (TIFO Board of Directors) founded and directed a Science Camp at the University of Idaho (1986-1999) that recruited students from Idaho's reservations. She first visited DVIR in 1986 to engage OCS students in science education.

Past work and results: Compounding environmental injustices faced by the Sho-Pai, Native American communities are consistently underrepresented in Science, Technology, Engineering, and Math (STEM) fields, including environmental sciences. To address these issues, TIFO, TEPP, F&G, and OCS collaborated on an experiential environmental education project called One Habitat (*Sumu'yoo Tüpippüh*) in 2022, funded by EJSG and in-kind contributions from the Tribe, OCS, and TIFO. Through 4 classroom workshops, 2 field trips, 3 field activities, 3 scientific conferences, and 2 community presentations, One Habitat increased DVIR students' environmental science competency, providing 7th-12th grade OCS students the opportunity to blend TEK and western science. Three One Habitat students won awards for their posters at scientific conferences, two received paid internships to participate in air quality monitoring on the reservation, and three became involved in a fish genetics study with Idaho State University. Through engagement in One Habitat, students are better prepared to understand and address local environmental challenges related to mining, water quality issues, impacted salmon and beaver populations, riparian ecosystem function, and climate change. One Habitat enabled partners to build a foundation for future collaborations to assess and mitigate environmental degradation issues, including mining pressures and climate change impacts. It was also an opportunity to build mutual trust and understanding between TIFO and DVIR partners.

Community driven participation: The need for a strategy to improve Tribal participation in government-to-government consultation was first identified by TEPP during implementation of the One Habitat project in 2022. TEPP representatives asked TIFO to work with them to develop a plan for how the Tribe can achieve more effective participation in NEPA, highlighting the mining boom and limited capacity to respond within short comment periods. A short (pilot) training on NEPA provided by EPA Region 10 in November 2022 during One Habitat activities further increased the Tribe's interest in developing a response strategy. TEPP and TIFO brainstormed ideas, using components of EJCPS Element 1 (community vision and planning). NIMS4MIM is the result of those initial conversations. TEPP identified other partners, including F&G and USRT, and highlighted the importance of building on TEK held by community elders.

The idea for using EJCPS to realize NIMS4MIM was subsequently shared with other Tribal agencies, including F&G, who gave feedback and suggestions on the idea. External partners, including OCS, USRT, and Idaho Conservation League (ICL) were engaged and have committed support to activities outlined in their letters of support.

1d. EJCPS Model

The EJCPS Model will facilitate a community-driven, equitable process involving multiple stakeholders that work together to develop the NIMS4MIM strategy. Including feedback from the community in developing NIMS4MIM will enhance the sustainability and efficacy of the overall project and set the foundation for collaboration in the future when responses to mining proposals need to be developed. Environmental justice includes not only protecting human and environmental health in vulnerable communities, but also ensuring all people have an opportunity to meaningfully participate in development, implementation, and enforcement of environmental laws, regulations, and policies. That mission is exactly what will be incorporated in NIMS4MIM. This project advances environmental equity and justice through a locally developed system that streamlines engagement in NEPA, building on systems that already exist within the Sho-Pai Tribal Governance system. This ensures that DVIR interests are adequately and honestly represented. The need for a rapid response strategy was first identified by DVIR stakeholders, thus the NIMS4MIM project inherently represents community interests, increases equity and environmental justice, and has an improved prognosis for long-term sustainability.

The three goals of the NIMS4MIM project will be achieved through use of the EJCPS model. Goal 1 is to develop a holistic understanding of baseline conditions and increase capacity to assess potential impacts to those conditions. Goal 2 is to improve engagement in NEPA, including collaborative decision making. Goal 3 is to protect Tribal environmental, wildlife, and cultural resources for generations to come.

The need for the Sho-Pai Tribe and broader DVIR community to engage in meaningful participation in the NEPA process for proposed mining operations is an excellent opportunity to employ the EJCPS Model; this approach will ensure that various stakeholders work together to develop a strategy for efficiently and collaboratively responding to proposed mining development on or near the reservation. NIMS4MIM includes significant coordination between partners, workshops, trainings, activities, and community forums. All of these events rely on elements of the EJCPS process in order to maximize success and project sustainability. *Activities associated with each element are described in greater detail in Project Activities (Section 2a) and elements relevant to each activity are included in the Milestone Schedule (Section 2b).*

Element 1 (Issue Identification, Community Vision, Strategic Goal Setting) and Element 2 (Community Capacity-Building and Leadership Development) are underway and will continue to play an important role in all three years. TIFO and TEPP have already identified multiple project partners, including F&G, and USRT, in addition to external partner ICL. The DVIR Fire Management and Culture Departments are also committed to participating. Some training needs have also been identified. Partners will continue to involve community residents in planning of NIMS4MIM through community forums and during specific project activities, such as the development of baseline databases and implementation of the extended tabletop activity (Activity 2). Community plans, goals, and concerns are consistently incorporated into the process through Community Forums. The collection of traditional ecological knowledge and other baseline data and consistent engagement with the community allow us to build a strong understanding of DVIR history and local practices. Partners will have at least five training events to nurture leadership and increase technical capacity. The Milestone Schedule in 2b shows that Elements 1 and 2 appear throughout each of the three years of project activities.

Element 3 (Consensus Building, Dispute Resolution) plays a critical role in year 3, when partners "practice" implementation of NIMS4MIM. Despite the small size of the community, there are divergent interests regarding mining development: mining operations can bring

economic stimulus to the area; mining companies may provide infrastructure improvements or donations to the local community; mines will inevitably have some environmental and ecological impact on the area; there may be associated public and environmental health concerns; and mining operations may impact cultural, spiritual, and historic sites with important value to the Tribe. These divergent, and at times conflicting interests, are an opportunity to improve the representative nature of the response that DVIR provides during NEPA government-to-government consultation. Utilizing conflict resolution and ensuring all views are treated fairly is crucial for fostering consensus building and for the ultimate success of NIMS4MIM.

Using **Element 4 (Multi-Stakeholder Partnerships, Leveraging of Resources)**, partners will share resources and identify new partners when baseline data collection begins in the first year. In the workshops in year 2, partners will rely on Element 4 to create a common vision for NIMS4MIM and to develop a clear and workable plan for the strategy. Having the ability and willingness to engage new partners to bring additional technical expertise is vital and will be promoted throughout.

Element 5 (Constructive Engagement by Relevant Stakeholders) is an important aspect of the trainings that will be developed and implemented by all project partners. Partners will invite support from EPA and/or BLM to better understand NEPA, EIS, EA, and HIA. This will include reaching out to EPA's National Incident Management Assistance Team (NIMAT), which provides support of NIMS programs. Additionally, partners will seek support from business (e.g., mining companies, environmental consultants) to understand how they approach development of EIS, and will seek training from academic institutions in GIS and collection of baseline data.

When partners develop plans for and then share results of baseline data collection, **Element 6 (Sound Management, Implementation)** will enable us to clarify plans and use each partners' abilities and strengths, maximizing resources available on the reservation. Partners will also use Element 6 during the extended tabletop exercise to clarify the commitments of each partner.

Partners will use **Element 7 (Evaluation, Lessons Learned, Replication of Best Practices)** early in year 3 to adapt NIMS4MIM to better work for the Tribe and community.

1e. Project Linkages

NIMS4MIM advances EPA's commitment to healthy environments for communities that have not benefited from environmental progress. One of the project goals is to empower DVIR to assess the impacts of mining on environmental, ecological, and cultural resources, ultimately protecting human health and the environment. Using the EJCPS framework, the project team will build technical capacity with the Sho-Pai Tribe to review potential impacts of 'green mineral' mines, which have increased dramatically in NV and ID with demand for low-carbon energy production to combat climate change. This integrates environmental justice and climate resiliency into implementation of government-to-government consultation, resulting in the Sho-Pai achieving more proactive engagement in the NEPA process. Importantly, NIMS4MIM promotes engagement with the DVIR community in how their ancestral lands are impacted by planned activities. Finally, NIMS4MIM directly supports EPA's focus on honoring their responsibility to federally recognized Tribes.

1f. Partner and Collaborate

Diverse partnerships to accomplish goals: NIMS4MIM includes 6 distinct partners. These partners represent 5 distinct and diverse stakeholder groups within and beyond DVIR. TIFO is a community-based organization (CBO) that supports collaborative development of programs to

reduce impacts of active, historic, and future mining activities in Indigenous communities. Tribal government partners include TEPP and F&G. They will lead engagement with the wider DVIR community and will coordinate with other Sho-Pai departments, including Fire Management and Culture. OCS is a K-12 Elko County public school that is representative of the wider Owyhee community. USRT represents a compact of Tribes that will facilitate expansion of NIMS4MIM to other Tribes. ICL is Idaho's largest conservation nonprofit organization, with experience supporting Tribes' on environmental issues, including assessing mining impacts on Tribal lands. TIFO and TEPP will continue to identify partners and resources to assist throughout the project period. Partners are actively engaging additional academic, consulting, and nonprofit experts through TIFO's Professional Network[24] to contribute to this project, including University of Nevada Reno Federally Recognized Tribal Extension Program, University of Idaho, Alta Science and Engineering, Great Basin Resource Watch, and Advocates for the West. These partners have expressed interest in engaging in project activities as they evolve.

Partners' Roles/Contributions and Resources: TIFO has extensive experience in supporting collaborative, community-based approaches to solving complex environmental challenges in diverse communities around the world. TIFO has worked with DVIR since 2021; as a CBO, TIFO has established strong programmatic support for community priorities, including environmental education projects and support of EA and monitoring activities. In the NIMS4MIM project, TIFO will provide technical support in EA, mining impact, HIA, EIS review, NEPA, and utilizing the EJCPS framework. TIFO's extensive experience in environmental health projects in mining-impacted communities around the world will be a vital resource, as is TIFO's Professional Network of experts across dozens of disciplines.

TEPP will coordinate all NIMS4MIM activities in close collaboration with TIFO throughout the project period. They will engage other partners on a regular basis, communicate with community stakeholders, and, with TIFO support, arrange workshops, trainings, activities, and community forums. The Coordinator will take on most of these responsibilities, with support from TEPP's director Marissa Snapp, who will report on progress to the Sho-Pai Tribal Council. TEPP's knowledge of local environmental and ecological conditions, previous sampling efforts, impacts from the upstream Rio Tinto Superfund site, and other environmental considerations will contribute to the success of activities under this cooperative agreement.

F&G will provide knowledge of critical wildlife habitats and migration patterns essential to understanding potential impacts of proposed mining activities in the area. They will take a leadership role in all project activities and support local student involvement in baseline data collection, as they have done in past TIFO/TEPP/F&G projects.

Owyhee Combined School (OCS) will identify and support students to engage in baseline data collection and other activities where students will benefit from learning about the NEPA process, EIS review, and how both western and TEK sciences can be applied to assessing potential impacts of proposed activities. Past engagement of students with TIFO/TEPP/F&G activities provides a strong foundation from which to incorporate this participation.

USRT Foundation brings significant experience from working with the four Tribes on a variety of environmental projects. They will engage in the 8 workshops, providing facilitation, expertise, and coordination as needed. USRT's support of the workshops is an in-kind donation.

ICL will participate in workshops, trainings, and hands-on activities, bringing their experience with federal and state review of proposed mining operations in addition to past and ongoing collaborations with Idaho Tribes. ICL's support of these activities will be in-kind services.

Vested Interest: NIMS4MIM highlights the overlap of TIFO, TEPP, F&G, OCS, USRT, and ICL missions and the opportunity to build a partnership for future collaborations. TIFO's mission is to support locally-driven environmental health projects and build capacity in reducing impacts from mining and hazardous industry, emphasizing meaningful involvement and project development by local stakeholders. TEPP, a part of tribal government, is charged with managing water quality, pollution, and Superfund programs on DVIR, all issues that are closely tied to potential mining impacts. F&G manages fisheries, wild game, and recreational land use on DVIR. Knowledge of these ecological resources is a vital component of understanding potential mining impacts. OCS will support the engagement of community youth as a K-12 educational system, building their knowledge of Tribal resources, western science, and TEK, all vital to the future of the Owyhee community and DVIR. USRT's mission is to ensure the protection and restoration of natural resources and rights of the Tribes reserved by treaties and executive orders. ICL works to protect water quality and human health from poorly planned mining operations across Idaho. Other partners play equally important roles in building and adapting NIMS4MIM to have the greatest impact and positive long-term outcomes. While all partners will engage in development of baseline datasets and eventually the NIMS4MIM process, only TIFO, TEPP and F&G will receive financial compensation for staff time due to the demands for coordination and project management. TIFO will donate additional staff time as an in-kind contribution to the project, as was done with our previous EPA EJSG *One Habitat* program. Other partners are also donating time and resources as in-kind contributions.

Maintaining Relationships: TIFO will maintain and sustain these relationships into the future by using NIMS4MIM to explore additional areas of collaboration with DVIR related to mining impacts, environmental education and workforce development, ecological restoration, and costs associated with engaging in NEPA. TIFO has successfully accomplished this transition in previous projects, including a previous EPA EJSG awarded to TIFO for work in DVIR in 2021. Each organization's responsibilities, vested interests, and commitment to partnership are further detailed in the letters of support in the appendix.

2CFR Part 200: TIFO will issue subawards to fund participation for TEPP and F&G and has budgeted financial transactions to comply with 2CFR 200. TIFO will provide salaries, course fees, and meals budgeted under "Other Direct Costs." The costs are reasonable and will be incurred within the project period and are allocable to the EPA agreement. Records for all costs will be documented. Participant support costs have been excluded from indirect costs under Modified Total Direct Costs (MTDC). Subrecipients will receive reimbursement for their actual direct or approved indirect costs such that they do not "profit" from the transaction and will be subject to the same Federal requirements as the pass-through entity.

2.0 Project Activities / Milestone Schedule / Detailed Budget Narrative

2a. Project Activities

To meet NIMS4MIM project goals (see Section 1d), we will implement four categories of project activities: Partner workshops, training events, community forums, and hands-on activities. At least 10 Tribal employees and 6 partner representatives will be engaged in workshops, trainings, and hands-on activities. Having smaller groups for partner trainings, workshops, and activities is deliberate: DVIR is a small Tribe and this group represents the relevant stakeholders in the Sho-Pai government. Engaging more participants in an already overburdened community is neither feasible nor effective. Similarly, we aim to engage 20 community members in community forums. The first group of participants will learn the process and skills for NIM4MIM and be able to train other individuals.

Partner Workshops (8): Partner workshops will be held throughout the project period to foster information sharing, shared goal setting, building of leadership skills, development of actionable plans, and building on strengths and existing systems within each partner organization. Each workshop will include representatives from TIFO and Tribal partners. Some workshops will also invite participation from OCS, the Senior Citizen Center, the Tribal Council, USRT, and ICL. Most workshops are planned to occur in-person to maximize engagement, but accommodations will be made for some partners to join virtually if travel becomes difficult due to illness, weather, or other limitations. These workshops will result in understanding and then adapting relevant components of NIMS, which are summarized in italics and described in Section 1b. Workshops will be planned by the TEPP coordinator with support from TIFO and other partners as needed. Other USRT member tribes will be invited to engage in workshops 4, 5, and 6 to build foundations for their own development of a rapid-response strategy.

- Workshop 1 (Nov 2023): Kickoff meeting.
- Workshop 2 (Jan 2024): Baseline data coordination; partners share plans for collection and aggregation of baseline data; any additional training needs are identified at this time; *NIMS "resource management."*
    - TEK (medicinal plants, culturally significant sites, wildlife habitat, and other knowledge)
    - Contaminant concentrations in soil and water
    - Wildlife habitat (including seasonal patterns)
    - Cultural, spiritual, and historic sites otherwise not identified
- Workshop 3 (Mar 2024): Finalize scheduling and staffing needs for upcoming summer baseline data collection; share results of TEK baseline data collection (done in winter) so partners can include any relevant findings in their own planning for summer field work; *NIMS "resource management."*
- Workshop 4 (Dec 2024): Share baseline findings between partners and receive feedback on best system for storing and sharing data in future; *NIMS "resource management."*
- Workshop 5 (Apr 2025): Using information from baseline data collection and four Training events:
    - Brainstorm how NIMS components can be utilized in developing a similar system for engaging in NEPA process
    - 'Homework' given to each partner for them to determine their agencies' resources, capacity, and needs for engaging in NEPA; NIMS "coordination"
- Workshop 6 (Jun 2025): Bring partners together to develop NIMS4MIM; *NIMS "coordination."*
    - Define the process to mobilize a response to government-to-government consultation under NEPA, including resources needed, coordination plan, and communication strategy
- Workshop 7 (Feb 2026): Gather feedback on extended tabletop activity (Activity 2) and adapt NIMS4MIM as needed; *NIMS "coordination."*
- Workshop 8 (Jun 2026): Feedback on project activities, including most recent NIMS4MIM implementation (Activity 3); *NIMS "coordination."*

Training Events (5): The following are identified training needs; additional needs will likely be discovered during early partner workshops and trainings will be added to meet those needs. Trainings will result in increased technical capacity for each of the topics. *These are part of "resource management" under NIMS.*

- Training 1 (Jan 2025): NEPA process; TEPP and TIFO will reach out to EPA to determine if (a) representative(s) can be involved in this training; TEPP and TIFO will identify additional trainers as well.
- Training 2 (Feb 2025): EIS review; this will be led by agencies with expertise in the process; additional training from TIFO staff provided as requested by TEPP, especially with HIA as it relates to potential impacts on the DVIR community.
- Training 3 (Feb 2025): HIA six-step process that is mandated in EIS and EAs; training will include information on:
  - The six-steps of HIA and how to adapt these to fit Tribal scenarios
  - Using the decision-support to minimize negative health impacts
  - Incorporating community-led efforts by potentially affected populations to ensure concerns are identified and addressed
  - Special considerations for Tribes, such as how exposures vary based on distinct cultural practices (e.g., use of wild game, collection and use of medicinal plants)
- Training 4 (Mar 2025): NIMS; led by the Sho-Pai Fire Management; training will focus on areas most relevant to this project under the three main components:
  - Resource management
  - Coordination
  - Communication
- Training 5 (Date TBD): GIS training for TEPP, F&G, and TIFO staff.
  - Coursera© offers an online, 4-course GIS certificate through University of California-Davis that is self-paced
  - Each course requires approximately 30 hours of work to complete within ~4 weeks, totaling ~ 4 months of training
  - Training is in ArcGIS, which the Tribe has an existing user license for (no new license needed for TEPP or F&G)
  - Staff will go through online trainings at the same time in order to support each other

Community Forums (6): Community Forums will be held throughout the 3-year project to engage community early and often in the EJCPS process. In this way, residents are involved in planning and goal setting for baseline data collection and NIMS4MIM development, and trust is built between partners and in the overall process. This will also ensure that the collaborative effort is representative of different stakeholder views and that non-Tribal government stakeholders are meaningfully engaged throughout. During the first community forum, partners will develop a strategy for increasing engagement in forums; this could be a certificate for those who attend a certain number of events, or development of a community task force that would be the focal point for the Sho-Pai government to work with when engaged in government-to-government consultations under NEPA. Community forums will be held at an accessible community location (e.g., the school or Tribal Headquarters) and will be held in-person to the extent practicable. We will advertise these events in the Sho-Pai Newsletter to encourage broad community participation. We will also use the Sho-Pai Newsletter to share project activities and outcomes. *Community Forums are part of the "communication" component of NIMS.*

- Forum 1 (Feb 2024): NIMS4MIM project introduced to community with emphasis on how community will be involved in process; community asked to provide feedback on baseline data collection as a first step.
- Forum 2 (Dec 2024): Update community on year one activities, how baseline data collection was modified based on their feedback and share baseline data results.
- Forum 3 (Aug 2025): Draft NIMS4MIM plan shared with community for their feedback.

- Forum 4 (Sept 2025): Share updated NIMS4MIM based on feedback from Forum 3.
- Forum 5 (Feb 2026): Gather feedback from community on Activity 2 (extended tabletop).
- Forum 6 (Jul 2026): Get feedback from community on Activity 3 (application of NIMS4MIM to active NEPA proposal).

Hands-on Activities (3): *Activity 1 is part of NIMS resource management and Activities 2 and 3 are part of NIMS Communication.*

Activity 1 (baseline data collection) will occur within the first year of the project. Baseline data will be collected by relevant agencies, coordinated by TEPP and supported by TIFO. The result will be a database of current environmental, ecological, and cultural conditions on DVIR that could be impacted by mining operations. Establishing an accessible and robust database is important to understand how proposed mining activities could impact DVIR, and for measuring impacts should mines begin operating. A clear schedule for development of each baseline dataset (e.g., TEK, soil/water contaminant concentrations, wildlife habitat) has not been developed – that will come from discussions during Workshops 2 and 3, utilizing elements of the EJCPS process. The exception is development of the TEK database, which will be completed in the first winter when field sampling is not likely to occur. K-12 students will be engaged in TEK interviews and field work through OCS and the Summer Youth Employment program. Partners may engage academic institutions in Activity 1 to support data collection and analysis.

Activity 2 and Activity 3 will occur in year 3. Activity 2 is an extended table-top exercise that will allow partners to test NIMS4MIM, which will be developed over the course of year 2. The intended result of Activity 2 is for partners and community members to identify the strengths and weaknesses of NIMS4MIM. This activity will engage participants in modifying NIMS4MIM as needed. Other USRT member tribes will be invited to engage in Activity 2 to build foundations for development of their own response strategy. Activity 3 will occur shortly after adaptations are made, when partners and community members will apply NIMS4MIM to an active mining proposal. If there is not a proposal at that time, a proposal impacting a nearby Tribe will be used as an example and treated as though it is being proposed near DVIR. However, information from Idaho Department of Environmental Quality, ICL, and Advocates for the West suggests that there are multiple NEPA proposals requiring Tribal input at any given time. There are currently 73 active EIS in the three BLM districts near DVIR.[25] The result of Activity 3 will be further adaptations of NIMS4MIM to fit DVIR community and government needs.

Coordination for activities will be led by TEPP. TEPP will engage with partners one-on-one as the project develops, documenting their input, needs, and feedback throughout. TIFO will provide technical support and project management for all activities and will connect partners with outside expertise through TIFO's Professional Network when needed. TEPP and TIFO will hold virtual weekly coordination and management meetings.

2b. Milestone Schedule

Date (Month-Year)	Milestone	Activities	Details
Nov-23	Begin project activities	Coordination and virtual meetings, Workshop 1	Oct-23 through Nov-23: Identify additional partners; introduce process and project; develop and deliver Workshop 1; identify partner roles; build on existing plans/goals of partners; **EJCPS Elements 1 and 2**
Jan-24	Baseline data needs and associated	Coordination and virtual meetings, Workshop 2	Dec-23 through Jan-24: Identify additional partners needed for data collection; develop QAPP; summarize goals for baseline databases; build on existing leadership and expertise; nurture

Date (Month-Year)	Milestone	Activities	Details
	resources identified		leadership skills, facilitate communication and understanding of shared goal; conduct outreach; **EJCPS Element 2**
Feb-24	Community engaged in project	Activity 1 (TEK only), coordination and virtual meetings, Community Forum 1	Jan-24 through Feb-24: TEK interviews and video editing; identify students to participate in summer data collection; introduce project to community and involve them in planning; develop strategy for sustaining community participation and building trust; incorporate community feedback into project plans; facilitate communication; **EJCPS Elements 1 and 2**
Mar-24	Baseline data collection strategy finalized	Workshop 3	Develop shared plans, goals, and objectives; review community feedback; invite partners to share resources and skills; share summary of TEK results to inform baseline data collection plans; **EJCPS Elements 2, 3, 4**
Nov-24	Baseline data collected (A1), analyzed, and aggregated	Activity 1, coordination and virtual meetings	Apr-24 through Nov-24: Environmental sampling; mapping of wildlife habitat, TEK info, cultural sites; OCS students engaged; GIS work; support from academic and/or private businesses as needed; TEK interviews and video editing; partners share resources and strengths; organize work to maximize time and resources; **EJCPS Elements 4, 5, 6**
Dec-24	Baseline data shared with partners and community	Workshop 4 and Community Forum 2	Baseline results shared among partners and with community; ensure community participation; build trust; use strengths of partners; maximize resources, clarify partner commitments; seek results to improve community conditions; **EJCPS Elements 1, 2, 3, 6**
Apr-25	Partner trainings complete	Trainings 1-5	Jan-25 through Apr-25: NEPA, EIS, HIA, NIMS, and GIS trainings; identify where government, industry/business, and academic institutions can support project; **EJCPS Elements 4, 5**
Apr-25	Begin building NIMS4MIM	Workshop 5	Invite partners to share resources and ideas for NIMS modifications, identify where government can support strategy
Sep-25	NIMS4MIM developed and modified with feedback	Coordination, Workshop 6, Community Forums 3-4	May-25 through Sep-25: draft NIMS4MIM, share feedback, and modify based on community and partner visions and goals; share resources; develop clear and workable strategy; clarify commitments; clarify plans and timelines, use partner strengths; **EJCPS Elements 4, 6**
Jan-26	Extended tabletop executed (A2)	Coordination, Activity 2	Oct-25 through Jan-26: plan Activity 2; use strengths of partners and clarify their commitments; organize work and maximize resources; implement Activity 2, involve community; resolve conflicts; ensure all partners are engaged fairly; **EJCPS Elements 1, 2, 3, 6**
Mar-26	NIMS4MIM modified and strengthened	Workshop 7, Community Forum 5, coordination	Feb-26 through Mar-26: Gather feedback from partners (W7) and community (CF5); ensure community fully participates in process; evaluate progress and lessons learned to measure success; document and share successes and lessons learned; **EJCPS Elements 2, 7**
May-26	Apply NIMS4MIM to active NEPA proposal	Activity 3, coordination	Apr-26 through May-26: apply NIMS4MIM to active NEPA proposal; ensure community participates in process, resolve conflicts, ensure partners are treated fairly; organize work and maximize resources; clarify commitments; evaluate progress; use lessons learned; describe measures of success; document and share info on successes; **EJCPS Elements 2, 3, 6, 7**

Date (Month-Year)	Milestone	Activities	Details
Aug-26	Final feedback from partners and community	Workshop 8, Community Forum 6	Jun-26 through Jul-26: Feedback on project activities and NIMS4MIM from partners (W8) and community (CF6); evaluate progress, describe measures of success; use lessons learned; document and share information on successes; **EJCPS Elements 2, 7**
Sep-26	Grant closeout activities	Coordination, final reporting	Document and describe clear measures of success; **EJCPS Element 7**

2c. Itemized Budget Sheet / Budget Narrative

The itemized budget sheet and budget narrative are included as attachments to this Workplan.

3.0 Environmental Results – Outputs, Outcomes, and Performance Measures (Logic Model)

3a: Environmental Results (Logic Model)

The NIMS4MIM Logic Model is included as an attachment to the Work Plan; it includes inputs, activities, outputs, audience, and outcomes. Project outcomes are also included in Section 3b, along with associated progress indicators (performance measures).

Environmental justice is improved by relying on the EJCPS model to increase community participation in development of NIMS4MIM, which in turn increases DVIR's participation in the NEPA process. Technical capacity is built within DVIR agencies, resulting in better management of Tribal resources and increased understanding of potential impacts to those resources. Community education and empowerment are attained by involving local partners in development and deployment of NIMS4MIM. Approaches to building consensus and setting priorities are also facilitated with community meetings, and by the collaborative nature of NIMS4MIM.

3b: Performance Measurement Plan

Resources/inputs, activities, and outputs related to NIMS4MIM outcomes are detailed in the Logic Model in Section 3a. Timeframes for achieving these results are indicated in milestone schedule (Section 2b). The outputs associated with outcomes in the following Performance Measure Table are detailed in the logic model. Progress indicators will be evaluated by personnel from TIFO and TEPP.

Outcome	Progress Indicator 1	Progress Indicator 2	Goal 1[1]	Goal 2[2]	Goal 3[3]
Develop baseline TEK database, including traditional medicines, wildlife and habitat management practices, cultural sites, etc.	Pre/post surveys show 75% of OSC students increase understanding of TEK	Interviews with staff who receive training show increase in understanding of TEK and its relationship to other environmental indicators	X		
Develop baseline database documenting existing environmental, ecological, and cultural status	Monitor baseline data development and document progress	Identify key issues/concerns remaining to establish baseline conditions	X		

[1] NIMS4MIM Goal 1: Develop holistic understanding of baseline conditions and increase capacity to assess potential impacts to those conditions.
[2] NIMS4MIM Goal 2: Improve engagement in NEPA, including collaborative decision making.
[3] NIMS4MIM Goal 3: Protect Tribal environmental, wildlife, and cultural resources for generations to come.

Outcome	Progress Indicator 1	Progress Indicator 2	Goal 1[1]	Goal 2[2]	Goal 3[3]
Increase understanding of baseline environmental, ecological, and cultural status.	Pre/post surveys show 75% of community members increase knowledge	Focus group discussions with partners and community stakeholders; track that participants with increased understanding represent diverse backgrounds	X		
Increase DVIR GIS knowledge and application to existing management practices.	Number of people who participate in the training	6 TIFO, TEPP, and F&G staff receive GIS certificate from Coursera© / UC-Davis	X		
Increase students' knowledge in baseline environmental, wildlife, and TEK data.	Number of K-12 students who participate in data collection	Pre/post surveys show 75% of OSC students increase knowledge of sampling and mapping techniques	X		
Increase knowledge about local and regional environmental challenges.	Pre/post surveys show 75% of OSC students increase knowledge of environmental challenges	Number of community members who participate in associated activities; in-depth interviews document increased understanding of baseline status on DVIR	X		
Increase competency with NEPA process.	Pre/post surveys show increased ability of Tribal staff and community members to engage in NEPA process	Focus groups show community's increased understanding of and ability to engage in NEPA	X		
Increase competency in EIS and EA review and comment.	Pre/post surveys show 75% of Tribe staff increase competency in EIS and EA	Pre/post surveys show 75% of community increase competency in EIS and EA	X		
Increase competency in HIA	Focus groups with Tribal staff indicate increased understanding of HIA	Focus groups with community stakeholders indicate increased understanding of HIA	X		
Increase competency with NIMS framework.	Pre/post surveys show 75% of Tribe staff increase understanding of NIMS	Pre/post surveys show 75% of community increase understanding of NIMS	X		
Increase community involvement collecting holistic environmental, ecological, and cultural data.	Number of community members involved and participating	In-depth interviews of community members reflect self-disclosed increase in understating baseline conditions		X	
Increase in application of baseline data collection/management, GIS, EIS, EA, HIA, and EA in NEPA	Number of community members and Tribal staff who actively participate	Focus groups seek to understand if there has been an increase in application of NIMS4MIM to the NEPA process		X	
Develop efficient process for DVIR, an underserved community, to mobilize limited resources.	NIMS4MIM developed and used consistently in responding to mining proposals	Conduct focus groups to explore whether stakeholders feel the NIMS4MIM process is efficient, participatory, and effective			X
Increase Tribe's capacity to provide meaningful response to government-to-government consultations on proposed mines.	Increased rate of response to gov-to-gov consultation	In-depth interviews to understand Tribe's capacity to meaningfully respond to government-to-government consultations			X
Deploy holistic, collaborative, efficient approach to responding to mining proposals.	Track attempts to deploy NIMS4MIM process	Interview Tribal staff to understand their roles and skill levels in deploying the approach and to explore challenges and issues			X
Engage USRT member Tribes to develop their own version of NIMS4MIM.	Survey USRT members to gain insights into whether they would	Interview USRT members to understand the challenges and			X

Outcome	Progress Indicator 1	Progress Indicator 2	Goal 1[1]	Goal 2[2]	Goal 3[3]
	develop their own version of NIMS4MIM	issues they see in developing their own version			
Increase community participation in developing process for responding to proposed mining.	Formation of local task force or other organization as identified by partners and community	Tribe engages community members during NIMS4MIM on future responses to NEPA proposals			X
Increase communication and collaboration between project partners and community.	Focus group discussions with partners and community members to understand successes and challenges				X

3c: Sustainability Plan and Community Vision

Rather than creating a new program within the Sho-Pai Tribe and community, NIMS4MIM builds on existing structures and stakeholder groups. Because the idea for this project comes from within DVIR, it is inherently representative of community goals and objectives. For example, TEPP's mission is to "neutralize and/or remediate environmental threats."[3] Primary goals of the TEPP Water Pollution Prevention program include managing tribal resources so that water bodies on DVIR fully support beneficial uses in accordance with the Tribe's Water Quality Standards. Further, as part of the USRT alliance, DVIR is committed to restoring the greater Snake River ecosystem, including improving ecological features to support anadromous fish species.[26] NIMS4MIM will build on these community objectives to increase capacity to assess potential impacts of proposed mines on local ecosystems.

The inclusion of multiple stakeholder groups further strengthens the sustainability of the project. TEPP, F&G, and other agency partners are already serving DVIR interests by protecting vulnerable resources; this builds on those efforts to achieve a unified vision for how DVIR can meaningfully engage in self-determination of their role in mining development. The inclusion of USRT and inviting other Tribes to participate in NIMS4MIM hands-on activities will facilitate the development of NIMS4MIM in other Tribal communities.

4.0 Programmatic Capability

4a: Organizational Experience

TIFO has worked in mining impacted communities since being founded in 2012, and TIFO staff have worked on mining sites in the U.S. and globally for more than 40 consecutive years. TIFO's expertise in assessing existing and potential impacts mining operations includes quantifying environmental, human health, and ecological factors. This includes decades of experience at the Bunker Hill Superfund Site, one of the largest Superfund sites in the U.S. TIFO has worked with Indigenous communities in the U.S. and around the world, supporting their priorities by offering scientific technical support alongside the traditional knowledge of local populations. TIFO's experience includes managing large projects across multiple stakeholder groups, including the environmental assessment and remediation of 10 rural villages impacted by mining activities in Northern Nigeria, which included participation from Centers for Disease Control and Prevention, the World Health Organization, the United Nations, and Nigerian Federal, State, and Local Governments. The project lasted 13 years, spanned two states, and TIFO was awarded the prestigious Green Star Award from the UN for the successes in reducing human health impacts of mining. Within the U.S., TIFO has provided detailed comments to the Idaho Department of Environmental Quality (IDEQ) regarding permit applications for Midas Gold/Perpetua Stibnite

Mine in central Idaho, supporting the Nimi'ipuu (Nez Perce) Tribe and other organizations in their appeal of the IDEQ air permit. TIFO also successfully managed an EJSG from EPA in collaboration with DVIR, and TIFO staff have managed more than a dozen projects under federal grant funding and state contracts, in conjunction with other organizations. TIFO has consistently demonstrated its organizational capacity, technical experience, and infrastructure necessary to successfully implement projects in vulnerable communities impacted by environmental health risks.

4b: Staff Experience / Qualifications of Project Manager (PM)

Project Manager Dr. Casey Bartrem is TIFO's Executive Director. Her experience supporting environmental initiatives in Indigenous communities, includes 13 years working with Hausa and Fulani Tribes impacted by artisanal gold mining in northern Nigeria, 6 years working with ethnic communities impacted by mercury mining in Kyrgyzstan, and 3 years working with partners from DVIR. Dr. Bartrem's expertise includes environmental assessment, health impact assessment, environmental sampling, community engagement, and environmental education. Her collaboration with DVIR began in 2021 when Dr. Bartrem worked with TEPP, F&G, and OCS to develop and implement an environmental education project in 2022. She has continued to work with all three partners to identify future areas of collaboration; during that time, Dr. Bartrem and colleagues at TEPP (see below) identified the need for increased capacity to respond to government-to-government consultation on proposed mining. She also facilitated an EPA Region 10 pilot NEPA training event held at the Sho-Pai Tribal Headquarters in November 2022. Dr. Bartrem collaborated with TEPP, F&G, and OCS on developing a collaborative, effective, and sustainable strategy to engage in NEPA, eventually resulting in the framework for NIMS4MIM.

Marissa Snapp (Sho-Pai Tribal Member) is the Environmental Director at TEPP, responsible for review of environmental data, managing department activities and priorities, overseeing grants, engaging with the public, and identifying opportunities for building TEPP programming. Racheal Thacker (Sho-Pai Tribal Member), Pesticide Coordinator/Solid Waste Technician at TEPP, is responsible for coordinating programming, reporting to federal grant officers, supporting routine environmental sampling, and conducting community outreach activities on DVIR. Previously, Ms. Snapp and Ms. Thacker both worked for gold mining companies in Nevada; experience from their current roles at TEPP and working with mining companies is extremely valuable to this project.

Upon TIFO receiving the cooperative agreement award, TEPP will advertise the new Coordinator position and hire a qualified candidate within 8 weeks. In the interim, Ms. Snapp and Ms. Thacker will take on all responsibilities of the Coordinator position. The TEPP Coordinator will support the development of the rapid response strategy by liaising with other Tribal departments and community stakeholders, arranging meetings, keeping open communication between partners, identifying additional partners, communicating regularly with the project manager, and identifying technical expertise needed throughout the project period.

Additional staff include Chris Cleveland (Sho-Pai Tribal Member), F&G Habitat Specialist; Mr. Cleveland will lead mapping of critical wildlife habitat areas, engagement with OCS students, support community forums, and will ensure that ecological protections are fully considered during development of NIMS4MIM. Sterling Teller (Sho-Pai Tribal Member), F&G Fish Biologist, will support identification of watersheds critical to native and hatchery fish. TIFO co-founders Margrit von Braun, P.E., Ph.D., and Ian von Lindern, P.E., Ph.D., have more than four decades of experience working with communities impacted by mining operations, including U.S. Tribes. Most recently, they have represented TIFO in responding to the proposed Stibnite Mine

in Idaho, which poses significant threats to the Nimi'ipuu (Nez Perce) Tribe. Kim Olson, TIFO Grant Specialist, will manage the budget under the direction of the Project Manager. Bev Bafus, TIFO bookkeeper, will assist Ms. Olson with tracking expenses and financial reporting in compliance with federal protocols. Drs. Von Lindern and von Braun and Ms. Olson were also engaged in the EJSG funded *One Habitat* project.

4c: Expenditure of Awarded Grant Funds

TIFO has the infrastructure and experience to ensure timely, efficient expenditure of grant funds. TIFO has accounting and financial reporting services to manage payrolls, reimbursements, and grant expenditures for this project. The personnel responsible for these tasks have extensive experience with bookkeeping and grant management. The Project Manager will work closely with TEPP to ensure that the milestones outlined in Section 2b are achieved and funds are expended in a timely manner. TIFO's previous projects have demonstrated the organization's ability to carry out successful projects. As an example, TIFO's EJSG One Habitat project (see Section 5) was successfully developed and implemented in collaboration with DVIR partners in a timely and efficient manner. Past TIFO projects have been successfully implemented in a variety of low-resource settings with multiple partnerships, including the Nigerian Environmental Health Project implemented in close collaboration with Doctors Without Borders, the World Health Organization, the United Nations Children's Fund, the Federal Government of Nigeria, multiple levels of State and Local government, and traditional leadership.[27]

5.0 Past Performance

TIFO received an EPA EJSG in 2022 for the collaborative 'One Habitat' project, a joint undertaking by OCS, F&G, and the North American Native Research and Education Foundation (NANREF). TIFO successfully managed and completed this grant, engaging a total of 119 OCS students in 3 experiential education activities, 4 classroom workshops, 2 field trips, and 2 scientific conferences to increase students' environmental science competency, increase the number of students expressing interest in pursuing environmental science/STEM higher education, and improving the riparian ecosystem on DVIR. For the 1-year grant period, TIFO consistently met progress report deadlines, communicated with the grant officer, and completed activities, expenditures, and final reports within the grant period without extensions. Meeting the output and outcome goals in a timely and efficient manner is especially impressive given that the team worked through several school and tribal government closures due to COVID-19.

In addition to the EJSG, TIFO has managed cooperative agreements with Doctors Without Borders (MSF) to support humanitarian projects in underserved communities globally. Projects within the last three years include work in Indigenous communities impacted by mercury mining in Kyrgyzstan (2016-2022), and communities impacted by climate change and pesticide exposures in Uzbekistan (2022-present). For these projects, annual workplans and budgets are developed, managed, and reported to MSF, similar to requirements for public and private grants.

- **Kyrgyzstan Environmental Health Project:** $120,000 average annual budget for TIFO contribution alone (total project costs up to $500,000/year)
- **Uzbekistan Environmental Health Project:** $40,000 budget for 2023 for TIFO contribution alone (total project costs for 2023 not yet available)

6.0 Quality Assurance Project Plan (QAPP) Information

NIMS4MIM will involve the collection of environmental data to develop a database of baseline conditions for the Tribe to use in determining potential impacts of proposed mining operations. Partners will have an approved QAPP in place before initiation of project activities.

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: The Trust for Public Land

Address: 23 Geary Street, Suite 1000

City: San Francisco

State: CA: California Zip Code: 94108

B. Unique Entity Identifier (UEI): HN7CS4YNMBC4

C. Applicant/Recipient Point of Contact

Name: Stephanie Flynn

Phone: Ex. 6 - Personal Privacy (PP)

Email: stephanie.flynn@tpl.org

Title: Sr. Manager of Government Grants

II. Is the applicant currently receiving EPA Assistance? ☒ Yes ☐ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

N/A

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

N/A

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

N/A

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☒ Yes ☐ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☒ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95) ☒ Yes ☐ No

a. Do the methods of notice accommodate those with impaired vision or hearing? ☒ Yes ☐ No

b. Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications? ☒ Yes ☐ No

c. Does the notice identify a designated civil rights coordinator? ☐ Yes ☒ No

VIII. Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a)) ☐ Yes ☒ No

IX. Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974)) ☐ Yes ☒ No

X. If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.

Kate Vlasak, Director, People Partner, People and Culture Department; 23 Geary Street, Suite 1000, San Francisco, CA 94108; kate.vlasak@tpl.org; phone: Ex. 6 Personal Privacy (PP)

XI. If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.

From TPL's HR Manual:
OPEN DOOR POLICY
Your suggestions for improving the Trust for Public Land's operations are always welcome. At some time or another, you may have a complaint, suggestion, or question about your job, your working conditions or the treatment you are receiving. We ask that you take your concerns first to your supervisor, following these steps:
1. Within a week of the occurrence, bring the situation to the attention of your immediate supervisor, who will investigate and provide a solution or explanation.
2. If the problem is still not resolved, you may present the problem to your supervisor's supervisor or to the Director of Human Resources, who will attempt to reach a final resolution.
This procedure, which we believe is important for both you and the organization, cannot result in every problem being resolved to your satisfaction. However, The Trust for Public Land values your input and you should feel free to raise issues of concern without fear of retaliation.

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Stephanie Flynn	Sr. Manager of Government Grants	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Mrs. First Name: Stephanie Middle Name:
Last Name: Flynn Suffix:
Title: Sr. Manager of Government Grants

Complete Address:

Street1: 100 M St SE
Street2: Suite 700
City: Washington State: DC: District of Columbia
Zip / Postal Code: 20003 Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**
E-mail Address: stephanie.flynn@tpl.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: Ms. First Name: Michelle Middle Name:
Last Name: Pandori Suffix:
Title: VP, Director of Finance & Accounting

Complete Address:

Street1: 23 Geary Street
Street2: Suite 1000
City: San Francisco State: CA: California
Zip / Postal Code: 94108 Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**
E-mail Address: michelle.pandori@tpl.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: Mrs. First Name: Stephanie Middle Name:
Last Name: Flynn Suffix:
Title: Sr. Manager of Government Grants

Complete Address:

Street1: 100 M St SE
Street2: Suite 700
City: Washington State: DC: District of Columbia
Zip / Postal Code: 20003 Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**
E-mail Address: stephanie.flynn@tpl.org

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: Ms. First Name: Amanda Middle Name:

Last Name: Craig Suffix:

Title: Project Manager, Rural Community Schoolyards

Complete Address:

Street1: 15 SW Colorado Avenue

Street2: Suite 100

City: Bend State: OR: Oregon

Zip / Postal Code: 97702 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: amanda.craig@tpl.org

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: The Trust for Public Land

* b. Employer/Taxpayer Identification Number (EIN/TIN): 23-7222333

* c. UEI: HN7CS4YNMBC4

d. Address:

* Street1: 23 Geary St
Street2: Suite 1000
* City: San Francisco
County/Parish:
* State: CA: California
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 94108-5750

e. Organizational Unit:

Department Name: Oregon Parks for People

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Mrs.
* First Name: Stephanie
Middle Name:
* Last Name: Flynn
Suffix:

Title: Sr. Manager of Government Grants

Organizational Affiliation:

* Telephone Number: Ex. 6 - Personal Privacy (PP)
Fax Number:

* Email: stephanie.flynn@tpl.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

1234-SF424-14.pdf | Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Madras Community Schoolyard Environmental Justice

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: CA-012 * b. Program/Project: OR-002

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 * b. End Date: 12/31/2024

18. Estimated Funding ($):

* a. Federal	480,500.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	480,500.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☒ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☐ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name: Stephanie

Middle Name:

* Last Name: Flynn

Suffix:

* Title: Sr. Manager of Government Grants

* Telephone Number: Ex. 6 - Personal Privacy (PP) Fax Number:

* Email: stephanie.flynn@tpl.org

* Signature of Authorized Representative: Stephanie Flynn * Date Signed: 04/14/2023

ccSpzn5gvFiWhEMoBdRvGHvdAvM=

Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Madras Community Schoolyard Environmental Justice

Application
New
2023-04-14
The Trust for Public Land
23-7222333
HN7CS4YNMBC4
23 Geary St
Suite 1000
San Francisco
CA: California
94108-5750
USA: UNITED STATES

Oregon Parks for People
Mrs.
Stephanie
Flynn

Sr. Manager of Government Grants
EX. 6 - Personal Privacy (PP)
stephanie.flynn@tpl.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
1234-SF424-14.pdf
application/pdf
Wbf3gQf9o9dVIlumRtA2OmkuO7s=

Madras Community Schoolyard Environmental Justice
CA-012
OR-002
2023-11-01
2024-12-31
480500.00
0.00
0.00
0.00
0.00
0.00
480500.00
b. Program is subject to E.O. 12372 but has not been selected by the State for review.
N: No
Y: Yes
Stephanie
Flynn

Sr. Manager of Government Grants
EX. 6 - Personal Privacy (PP)
stephanie.flynn@tpl.org
Stephanie Flynn
2023-04-14

The Trust for Public Land
23 Geary Street, Suite 1000
San Francisco
CA: California
94108

HN7CS4YNMBC4
Stephanie Flynn
EX. 6 - Personal Privacy (PP)
stephanie.flynn@tpl.org
Sr. Manager of Government Grants
Y: Yes
N/A
N/A
N/A
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
N: No
N: No
N: No
Kate Vlasak, Director, People Partner, People and Culture Department; 23 Geary Street, Suite 1000, San Francisco, CA 94108; kate.vlasak@tpl.org; phone: EX. 6 - Personal Privacy (PP)
From TPL's HR Manual:
OPEN DOOR POLICY
Your suggestions for improving the Trust for Public Land's operations are always welcome. At some time or another, you may have a complaint, suggestion, or question about your job, your working conditions or

the treatment you are receiving. We ask that you take your concerns first to your supervisor, following these steps:
1. Within a week of the occurrence, bring the situation to the attention of your immediate supervisor, who will investigate and provide a solution or explanation.
2. If the problem is still not resolved, you may present the problem to your supervisor's supervisor or to the Director of Human Resources, who will attempt to reach a final resolution.
This procedure, which we believe is important for both you and the organization, cannot result in every problem being resolved to your satisfaction. However, The Trust for Public Land values your input and you should feel free to raise issues of concern without fear of retaliation.
Stephanie Flynn
Sr. Manager of Government Grants
2023-04-14

1235-EJCPS Narrative_TPL_Madras Community Schoolyard.pdf
application/pdf
FQQf2rZ92m2fXh9/dZq2Z2b6eT0=

Mrs.
Stephanie
Flynn

Sr. Manager of Government Grants
100 M St SE
Suite 700
Washington
DC: District of Columbia
20003
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
stephanie.flynn@tpl.org

Ms.
Michelle
Pandori

VP, Director of Finance & Accounting
23 Geary Street
Suite 1000
San Francisco
CA: California
94108
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
michelle.pandori@tpl.org

Mrs.
Stephanie
Flynn

Sr. Manager of Government Grants
100 M St SE
Suite 700
Washington
DC: District of Columbia
20003
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
stephanie.flynn@tpl.org

Ms.
Amanda
Craig

Project Manager, Rural Community Schoolyards
15 SW Colorado Avenue
Suite 100
Bend
OR: Oregon
97702
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
amanda.craig@tpl.org

1236-EJCPS_TPL Budget_Madras Community Schoolyard.pdf
application/pdf
kiXNmO2eeeeCzGSlwx7Vyw+hlH4=

1237-EJCPS_Logic Model_TPL_Madras Community Schoolyard.pdf
application/pdf
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1238-LOC_TPL_Madras Community Schoolyard EJCPS.pdf
application/pdf
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1239-Resumes_TPL_Madras Community Schoolyard EJCPS.pdf
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1240-TPL IRS Tax Determination Letter.pdf
application/pdf
XlHeKjnA6rzl9X1WuQTl/Tc/l0k=

1241-Indirect Cost Rate Agreement Letter TPL.pdf
application/pdf
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Stephanie Flynn
GRANT13862046

UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
ACQUISITION AND GRANTS OFFICE

November 30, 2021

Ms. Michelle Pandori
Vice-President Finance and Accounting
The Trust for Public Land
101 Montgomery Street, Suite 900
San Francisco, CA 94104

Dear Ms. Pandori:

This letter is a response to your request concerning the granting to your organization a NOAA approved indirect cost rate for fiscal year 2022.

Since you have already completed your organization's Indirect Cost Rate Proposal (Proposal) and on October 22, 2021, submitted it to the NOAA Grants Management Division (GMD) for review, you may use the indirect cost rate of 32.71% cited in your organization's Proposal. It is not necessary for you to wait for the signed agreement that you would normally receive as a response from GMD to your audit submission.

The usual process for this is that your organization's Proposal would be sent to the CPA firm NOAA contracts to review Proposals. The results of that review are returned to me and then I send you a signed agreement containing the NOAA approved rate for your review, approval, and countersignature. However, NOAA does not now have a CPA firm contracted to accomplish this task. The NOAA Contracting Office has not yet completed the solicitation process necessary to secure a new firm. Given this, I cannot in the immediate future send you a signed agreement in response.

NOAA will eventually secure a CPA firm and as soon as they are ready to work, I will send this Proposal to the firm for evaluation. The fact that GMD cannot provide you a signed agreement should not interrupt or interfere with the effective operations of your organization, so please use the rate cited in the Proposal you have submitted.

Please do not hesitate to contact me if you need anything else or if you have questions. I can be reached at Ex. 6 - Personal Privacy (PP) or at lamar.revis@noaa.gov. Thank you.

Sincerely,

Lamar Dwayne Revis

Lamar Dwayne Revis
Grants Officer

Ex. 6 Personal Privacy (PP)

ABOUT ME

I am a 37-year-old multidisciplinary designer & project manager. My work and interests are deeply rooted in Indigenous, Cultural & Environmental stewardship and management, with a focus on ecological health, education, equity and inclusion.

CONTACT

PHONE

Ex. 6 - Personal Privacy (PP)

EMAIL

amanda.craig@tpl.org

ADDRESS

Ex. 6 Personal Privacy (PP)

Bend, OR 97701

Ex. 6 Personal Privacy (PP)

PROFESSIONAL EXPERIENCE

Project Manager
Oregon Rural Community Schoolyards Program
Trust for Public Land
| 2022 - Present

- Project Management - 3 Multi Stage Schoolyard Projects, Central and Easter Oregon
- Fundraising & Grant Writing
- Budget Management & Reporting
- Relationship Building
  - Local, City, State, Federal & Tribal entities
  - Community members and local stakeholders
- Coordination with Partners and Community Coordinators
- Community Outreach, Education & Student Engagement
- Construction Administration
- Event Planning & Management

Graduate Teaching Fellow
Fall Plants - Department of Landscape Architecture UO
| 2020

Plant biology and identification, ecological systems and landscape design

- Curriculum Administration and Grading
- Student Support and Tutoring

Air & Water Protection Specialist
The Confed.Tribes of Coos, Lower Umpqua & Siuslaw Indians
| 2014 - 2018

- Environmental Monitoring, Data Collection, and Analysis
  - Air & Water on Central Oregon Coast
- Grant Writing & Management
  - EPA, PCSRF, VW Env. Trust & Three Rivers Foundation
- Restoration & Conservation Collaborations
  - Watershed Councils, Land Trusts, and private entities
- Development and Management of Government to Government Relationships - Tribal, Federal, State & County
- Project Management - varied scales and multi-stage
- Community Education & Outreach, Event Planning & Management
- Financials - budgeting and account management
- Traditional Tribal Artist and Educator

EDUCATION

University of Oregon
Masters of Landscape Architecture
| 2018 - 2021

University of Oregon
Bachelor of Science, Environmental Studies
| 2018 - 2021

WORKGROUPS

Hollering Place Cultural Review Workgroup
CTCLUSI | 2018 - 2020
UO ASLA Secretary | 2020
Education Committee
CTCLUSI | 2014 - 2016

TOOLS

Adobe Photoshop
Adobe Illustrator
Adobe Design
ArcGIS
AutoCAD
Bluebeam
Hand Drafting
Microsoft Word
Microsoft Excel
Microsoft Power Point
Microsoft Teams
SketchUP
Zoom

PROFESSIONAL EXPERIENCE CONT.

Environmental Technician
US Forest Service, Detroit Lake Ranger District, OR
| 2013

Conducting Level II Stream Surveys for Salmonid Habitat

- Environmental Monitoring, Data Collection, Analysis & Reporting
- Geospatial Mapping and Routing
- Extreme physical working conditions & hours

REFERENCES

Ex. 6 Personal Privacy (PP) former Director of Natural Resources & Culture Dept.
Confederated Tribes of the Coos, Lower Umpqua & Siuslaw Indians
PHONE: Ex. 6 - Personal Privacy (PP) | EMAIL: Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) Tribal Coordinator
Tribal Trust and Assistance Branch - EPA Region 10
PHONE: Ex. 6 - Personal Privacy (PP) | EMAIL: Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) RLA and Senior Instructor
Department of Landscape Architecture - UO
PHONE: Ex. 6 - Personal Privacy (PP) | EMAIL: mgaines@ctclusi.org

CERTIFICATES & TRAINING

- Collaborative Negotiations and Conflict Management for Environmental Professionals
Northwest Environmental Training Center | 2018

- Water Quality Standards Academy
Office of Water Science & Technology - EPA | 2016

- Clean Air Act & Permitting
American Indian Air Quality Training - NAU, EPA | 2015

- Principles of GIS
Department of the Interior - BIA | 2015

- Pacific Salmonids: Ecology Training
Management for Environmental Professionals
Northwest Environmental Training Center | 2015

Ex. 6 Personal Privacy (PP)

Ex. 6 - Personal Privacy (PP) : Ex. 6 - Personal Privacy (PP)

Summary of Qualifications

- Natural resource professional skilled at managing projects, meeting financial obligations and deadlines
- Success cultivating and maintaining relationships with diverse partners and achieving shared goals
- Dedicated to delivering outcomes and celebrating milestones along the way
- Experience working on teams and independently
- Relator, visionary, strategic and passionate about conservation

Employment History

The Trust for Public Land (Feb 2019 – Present)
Director of Conservation, Oregon

- Responsible for developing and overseeing the Oregon program and generating revenue
- Manage the $30M Oregon land and water conservation project portfolio
- Project and program strategy and policy development at regional and national levels
- Supervise staff and and manage relationships with donors, agency partners and diverse community partners
- Represent the organization with integrity and passion for the mission

The Trust for Public Land (July 2016 - Feb 2019)
Sr. Project Manager, Montana

- Managed and completed 5 nationally ranked projects and conserved over 25,000 acres of land and water
- Secured $46M in public and private funding
- Negotiated agreements, oversaw contracts and managed all aspects of the project portfolio including state and federal relations
- Worked with a team to develop a strategic plan and GIS tool for MT, ID and WY
- Developed collaborative bi-partisan partnerships

Turneffe Atoll Trust (www.turneffeatoll.org) (Dec 2015 – June 2016)
Conservation Director, Belize

- Research, data compilation, grant writing, and board development
- Developed a campaign strategy, marketing materials and strategic plan

The Trust for Public Land (www.tpl.org) (1999 – 2015)
Project Manager, Oregon

- Identified, managed and completed 25 projects totaling more than $21 million and over 15,000 acres of land and water conserved
- Managed all aspects of real estate due diligence, negotiations, and project budgets
- Convened a 65 member stakeholder group to develop a regional conservation planning and visioning strategy
- Developed and managed a 4 member Central Oregon Advisory Board

Professional Development and Awards	Graduate of the Ford Institute Leadership Program	The Trust for Public Land Collins Award for Project Excellence
	Graduate of the Luke Center's Pacific Program for Catalytic Leadership	Brainerd Foundation Scholarship Award
		US Forest Service Wings Across America International Award for Project Excellence

Board and Leadership Experience	Oregon Department of Forestry, Steering Committee	Present
	Coalition of Oregon Land Trusts, Board member	Present
	NW Community Forest Colalition, Executive Committee	Present

Education:	BS, College of Agriculture	Pennsylvania State University
	BLA, College of Architecture and Planning	University of Oregon
	Sustainable Management Certificate	Duke University

Interests: Passionate fly angler, runner, gardner

References: References are available upon request

IRS Department of the Treasury
Internal Revenue Service
P.O. Box 2508
Cincinnati OH 45201

In reply refer to: 0248167147
Nov. 07, 2013 LTR 4168C 0
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00018924
BODC: TE

TRUST FOR PUBLIC LAND
101 MONTGOMERY ST STE 900
SAN FRANCISCO CA 94104

020668

Employer Identification Number: 23-7222333
Person to Contact: Ms Wittwer
Toll Free Telephone Number: Ex. 6 - Personal Privacy (PP)

Dear Taxpayer:

This is in response to your Oct. 29, 2013, request for information regarding your tax-exempt status.

Our records indicate that you were recognized as exempt under section 501(c)(3) of the Internal Revenue Code in a determination letter issued in February 1978.

Our records also indicate that you are not a private foundation within the meaning of section 509(a) of the Code because you are described in section(s) 509(a)(1) and 170(b)(1)(A)(vi).

Donors may deduct contributions to you as provided in section 170 of the Code. Bequests, legacies, devises, transfers, or gifts to you or for your use are deductible for Federal estate and gift tax purposes if they meet the applicable provisions of sections 2055, 2106, and 2522 of the Code.

Please refer to our website www.irs.gov/eo for information regarding filing requirements. Specifically, section 6033(j) of the Code provides that failure to file an annual information return for three consecutive years results in revocation of tax-exempt status as of the filing due date of the third return for organizations required to file. We will publish a list of organizations whose tax-exempt status was revoked under section 6033(j) of the Code on our website beginning in early 2011.

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00018925

TRUST FOR PUBLIC LAND
101 MONTGOMERY ST STE 900
SAN FRANCISCO CA 94104

If you have any questions, please call us at the telephone number shown in the heading of this letter.

Sincerely yours,

Richard McKee, Department Manager
Accounts Management Operations

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Upper Snake River Tribes Foundation

Address: 3380 W Americana Terrace Suite 360

City: Boise

State: ID: Idaho Zip Code: 83706-2500

B. Unique Entity Identifier (UEI): DYUCPZHLFAC1

C. Applicant/Recipient Point of Contact

Name: Scott Hauser

Phone: Ex. 6 Personal Privacy (PP)

Email: scott.hauser@usrtf.org

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☒ Yes ☐ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

N/A

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

N/A

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

N/A

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☐ Yes ☒ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☐ Yes ☒ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Alexis Malcomb	Executive Director	04/13/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Alan | Middle Name: Scott
Last Name: Hauser | Suffix:
Title: Executive Director

Complete Address:

Street1: 3380 W Americana Terrace
Street2: Suite 360
City: Boise | State: ID: Idaho
Zip / Postal Code: 83706-2500 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: scott.hauser@usrtf.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Alan | Middle Name: Scott
Last Name: Hauser | Suffix:
Title: Executive Director

Complete Address:

Street1: 3380 W AMERICANA TER
Street2: Suite 360
City: BOISE | State: ID: Idaho
Zip / Postal Code: 83706-2500 | Country: USA: UNITED STATES
Phone Number: 2083317880 | **Fax Number:**
E-mail Address: scott.hauser@usrtf.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Alan | Middle Name: Scott
Last Name: Hauser | Suffix:
Title: Executive Director

Complete Address:

Street1: 3380 W AMERICANA TER
Street2: Suite 360
City: BOISE | State: ID: Idaho
Zip / Postal Code: 83706-2500 | Country: USA: UNITED STATES
Phone Number: 2083317880 | **Fax Number:**
E-mail Address: scott.hauser@usrtf.org

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: | First Name: Alan | Middle Name: Scott

Last Name: Hauser | Suffix:

Title: Executive Director

Complete Address:

Street1: 3380 W AMERICANA TER

Street2: Suite 360

City: BOISE | State: ID: Idaho

Zip / Postal Code: 83706-2500 | Country: USA: UNITED STATES

Phone Number: Redacted | **Fax Number:**

E-mail Address: scott.hauser@usrtf.org

EPA Form 5700-54 (Rev 4-02)

WILLAMETTE PARTNERSHIP

April 11, 2023

Reference: Letter of Commitment to EPA

To whom it may concern,

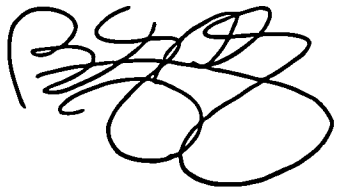
It's my distinct pleasure to put Willamette Partnership's support behind Trust for Public Land's efforts to seek funding from EPA for the Madras Elementary Rural Community Schoolyard Project in Madras, Oregon.

Willamette Partnership is a conservation non-profit with a deep commitment to helping build stronger, healthier, and more equitable communities that are sustained by nature. We believe that people need nature and that the well-being of communities and natural systems is inextricably linked. Communities don't have to choose between a healthy economy and a healthy environment. We do work that benefits both people and nature, building innovative, cross-sector solutions through effective collaboration.

The Madras Elementary Community Schoolyard Project will be a multi-benefit space designed alongside the community. Rural community schoolyards benefit kids, the environment, and the community by providing safe and accessible access to outdoor recreation space for the Madras Elementary students during school hours and the surrounding community when school is not in session. Equitable access to nurturing green space supports students' and community members' educational, emotional, and physical health. After conducting statewide landscape scans, we found that Madras is a community where health, social, environmental, and economic burdens co-occur. Yet, they have the community leadership and connections to co-create a healing outdoor community space together. We bring our expertise in collaborative processes to advance environmental justice in Madras, Oregon.

Willamette Partnership is committed to the project and will provide community engagement, technical assistance, and environmental justice lens throughout the project. Willamette Partnership is proud to be a partner in this effort, and we encourage your full support.

Sincerely,



Barton Robison, Program Director

Jefferson County
School District 509J
UNITE. ENGAGE. SOAR.

Students flourish here. We care for each other. Better every day.

445 SE Buff Street, Madras, OR 97741 Ex. 6 - Personal Privacy (PP) *FAX:* Ex. 6 - Personal Privacy (PP) *www.jcsd.k12.or.us*

Jay Mathisen
Superintendent

Stacie Holmstrom
Chief Financial Officer

Debi Brazelton
Human Resources Director

Melinda Boyle
Curriculum & Instruction Director

Kira Fee
Director of Student Services

David Hicks
Information Technology Director

Simon White
Director of Operations

Joseph Prechtl
Communications Coordinator

April 7, 2023

Reference: Letter of Commitment

To whom it may concern,

The Jefferson County School District (JCSD) enthusiastically supports Trust for Public Land's efforts to seek funding for the Oregon Rural Community Schoolyards Program, Madras Elementary Community Schoolyard Project in Madras, Oregon.

The Madras Elementary Community Schoolyard Project, a priority for the Oregon Rural Community Schoolyards Program will benefit the community of Madras and the greater Jefferson County by providing safe and accessible access to outdoor recreation space for the Madras Elementary students during school hours, and the surrounding community when school is not in session. Equitable access to nurturing green space supports the educational, emotional, and physical health of students and community members.

JCSD is committed to continued partnership, and being a liaison for the Madras Elementary Community Schoolyard Project and will continue to support the program's efforts to engage with students, staff and parents of Madras Elementary School, the School District, and the greater community to design, activate, and maintain the future schoolyard.

The Jefferson County School District is proud to be a core partner in this effort and we encourage your full support.

Sincerely
Jay Mathisen
Superintendent
Jefferson County 509J School District

Latino
COMMUNITY ASSOCIATION

April 6, 2023

Reference: Letter of Commitment

To whom it may concern,

BOARD OF DIRECTORS

Zavi Borja, President

LeeAnn O'Neill, VP

Chad Gilles, Treasurer

Kinsey Martin, Secretary

Marcos Rodriquez

Jeff Baker

Jessica Torres-Baltazar

Elizabeth Sanchez

Imer Guiterrez

Brad Porterfield
Executive Director

Cynthia L Jurgensen
Development Manager

The Latino Community Association (LCA) enthusiastically supports Trust for Public Land's effort to seek funding for the Oregon Rural Community Schoolyards Program, Madras Elementary Community Schoolyard Project in Madras, Oregon.

The Madras Elementary Community Schoolyard Project, a priority for the Oregon Rural Community Schoolyards Program will benefit the community of Madras and the greater Jefferson County by providing safe and accessible access to outdoor recreation space for the Madras Elementary students during school hours, and the surrounding community when school is not in session. Equitable access to nurturing green space supports the educational, emotional, and physical health of students and community members. As we shift away from the pandemic, opportunities for outdoor activities are needed more now than ever. Community spaces for families to connect, and children to play and engage are an important and necessary part of a community. LCA is committed to continuing to be a community partner and liaison for the Madras Elementary Schoolyard Project to further efforts in community outreach & engagement, fundraising, and the design and activation of the future Community Schoolyard.

The LCA's mission is to empower our Latino families to thrive, creating opportunities for advancement and building bridges that unite and strengthen our communities. We help families pay their bills, file their taxes, work through legal issues, find work, improve their English, and connect to new opportunities. We are an essential connecting point for our immigrant community to ask questions, have letters translated, get help making phone calls (interpretation), and negotiate payment plans (advocacy). Our programs include Workforce Education and Training, Family Empowerment, Healthy Families, Cultural Enrichment, and Youth Rising - all designed to help create a cohesive and diverse community where all people are valued and empowered to participate and contribute to the health and prosperity of Central Oregon.

The Latino Community Association is proud to be a partner in this effort and we encourage your full support.

Sincerely,

Cynthia L. Jurgensen
Development Manager

Ex. 6 Personal Privacy (PP)
cynthia@latca.org

Oregon Cultural Trust

Tax ID #93-1260288

2680 NE Twin Knolls Dr. #110
Bend, OR 97701

412 SW 8th Street
Redmond, OR 97756

715 SW 4th Street
Madras, OR 97741

430 NW 4th Street
Prineville, OR 97754

Ex. 6 - Personal Privacy (PP)
info@latca.org
www.latca.org

United Way
Community Partner

TOGETHER WE THRIVE ~ JUNTOS AVANZAMOS

JEFFERSON COUNTY
FAITH BASED NETWORK
PO Box 416
Madras, OR 97741

April 11, 2023

To whom it may concern,

I serve on the board of directors for the Jefferson County Faith Based Network and am delighted to express my support for the Trust for Public Land's efforts to seek funding for the Oregon Rural Community Schoolyards Program, Madras Elementary Community Schoolyard Project in Madras, Oregon.

The Madras Elementary Community Schoolyard Project, a priority for the Oregon Rural Community Schoolyards Program, will benefit the community of Madras and Jefferson County by providing safe and accessible outdoor recreation space for the Madras Elementary students during school hours, and the surrounding community when school is not in session. While the benefit to students is obvious, I'm excited about the opportunity the completed project will provide seniors who live within walking distance of the school to enjoy a safe place to walk without having to drive to get there.

The Jefferson County Faith Based Network is committed to continuing to be a partner and liaison for the Madras Elementary Community Schoolyard Project and will continue to support the programs efforts to engage the greater community of Madras. Your full support of the project is encouraged.

Sincerely,

Dana St John
Jefferson County Faith Based Network Board Member

BEAN FOUNDATION INC.

April 10, 2023

Reference: Letter of Commitment

To whom it may concern,

The Bean Foundation Inc. enthusiastically supports Trust for Public Land's effort to seek funding for the Oregon Rural Community Schoolyards Program, Madras Elementary Community Schoolyard Project in Madras, Oregon.

The Madras Elementary Community Schoolyard Project, a priority for the Oregon Rural Community Schoolyards Program, will benefit the community of Madras and the greater Jefferson County. The schoolyard will provide safe and accessible access to outdoor recreation space for the Madras Elementary students during school hours, and the surrounding community when school is not in session. Supporting the educational, emotional and physical health of students and community members through equitable access to nurturing green space.

The Bean Foundation Inc. is proud to be a partner in this effort and recently pledged a $25,000 match grant towards the project. We are committed to continuing to support the engagement and site activation efforts for the future Community Schoolyard by acting as a liaison within the community.

We encourage your full support. Please consider the Oregon Rural Community Schoolyard Program request for funds to be used for the Madras Elementary Community Schoolyard Project.

Warmly,

Daleena Green
Executive Director, Bean Foundation, Inc.

35 C ST. - SUITE D, MADRAS, OREGON 97741

Reference: Letter of Commitment

To whom it may concern,

The Madras Elementary Parent Club excitedly supports Trust for Public Land's efforts to seek funding for the Oregon Rural Community Schoolyards Program, Madras Elementary Community Schoolyard Project in Madras, Oregon.

The Madras Elementary Community Schoolyard Project, a priority for the Oregon Rural Community Schoolyards Program, will benefit the community of Madras and the greater Jefferson County by providing safe and accessible access to outdoor recreation space for the Madras Elementary students during school hours, and the surrounding community when school is not in session. Equitable access to nurturing green space supports the educational, emotional, and physical health of students and community members.

The Madras Elementary Parent Club is committed to continuing to be a partner and liaison for the Madras Elementary Community Schoolyard Project and will continue to support the programs efforts to engage with parents and families of Madras Elementary School.

The Jefferson County School District is proud to be a partner in this effort and we encourage your full support.

Sincerely,

Miriam Pope, President
Madras Elementary Parent Club

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/13/2023

4. Applicant Identifier: Upper Snake River Tribes Found

5a. Federal Entity Identifier: 26-2153386

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Upper Snake River Tribes Foundation

* b. Employer/Taxpayer Identification Number (EIN/TIN): 26-2153386

* c. UEI: DYUCPZHLFAC1

d. Address:

* Street1: 3380 W Americana Terrace
Street2:
* City: Boise
County/Parish: Ada
* State: ID: Idaho
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 83706-2500

e. Organizational Unit:

Department Name: Environmental Program

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Alan
Middle Name: Scott
* Last Name: Hauser
Suffix:

Title: Executive Director

Organizational Affiliation: Upper Snake River Tribes Foundation

* Telephone Number: Ex. 6 Personal Privacy (PP)
Fax Number:

* Email: scott.hauser@usrtf.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

K: Indian/Native American Tribally Designated Organization

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Tribal Youth Environmental Justice and Climate Leadership Program

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: ID-001 * b. Program/Project: all

Attach an additional list of Program/Project Congressional Districts if needed.

1234-Additional Districts .pdf | Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 10/01/2023 * b. End Date: 09/30/2026

18. Estimated Funding ($):

* a. Federal	335,417.97
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	335,417.97

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☒ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☐ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name: Alan

Middle Name: Scott

* Last Name: Hauser

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 Personal Privacy (PP) Fax Number:

* Email: scott.hauser@usrtf.org

* Signature of Authorized Representative: Alexis Malcomb * Date Signed: 04/13/2023

KGA3OTHMxYJncduV/97h4rC3f6M=

Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

USRT_EPA EJ CPS Application

1.0
70300.00
7500.00
2412.65
0.00
6160.00
0.00
0.00
15433.33
101805.98
10000.00
111805.98

70300.00
7500.00
2412.65
0.00
6160.00
0.00
0.00
15433.33
101805.98
10000.00
111805.98

70300.00
7500.00
2412.65
0.00
6160.00
0.00

0.00
15433.34
101805.99
10000.00
111805.99

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210900.00
22500.00
7237.95
0.00
18480.00
0.00
0.00
46300.00
305417.95
30000.00
335417.95

Application
New
2023-04-13
Upper Snake River Tribes Found
26-2153386
Upper Snake River Tribes Foundation
26-2153386
DYUCPZHLFAC1
3380 W Americana Terrace
Boise
Ada
ID: Idaho
83706-2500
USA: UNITED STATES

Environmental Program
Alan
Scott
Hauser

Executive Director
Upper Snake River Tribes Foundation
Ex. 6 Personal Privacy (PP)

scott.hauser@usrtf.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
K: Indian/Native American Tribally Designated Organization
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Tribal Youth Environmental Justice and Climate Leadership Program
ID-001
all
1234-Additional Districts .pdf
application/pdf
7qmlSuTmlGeJ7UX2W/uhAUUCVgQ=

2023-10-01
2026-09-30
335417.97
0.00
0.00
0.00
0.00
0.00
335417.97
b. Program is subject to E.O. 12372 but has not been selected by the State for review.
N: No
Y: Yes
Alan
Scott
Hauser

Executive Director
Ex. 6 Personal Privacy (PP)
scott.hauser@usrtf.org
Alexis Malcomb
2023-04-13

1235-USRT_Narrative Proposal_Youth EJ Program_Final.docx.pdf
application/pdf
oqeTwZKKPbyurr+0D52BiN9dr78=

1236-Budget Narrative and Itemized Sheet_Final (1).pdf
application/pdf
xB5tXrWvvKmoQxGr48eeBmlADto=

1237-Environmental Results (Logic Model) .pdf
application/pdf
nO7wTWYkZPyhgl84CJFg7bcuUjE=

Alan
Scott

Hauser

Executive Director
3380 W Americana Terrace
Suite 360
Boise
ID: Idaho
83706-2500
USA: UNITED STATES

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scott.hauser@usrtf.org

Alan
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Hauser

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3380 W AMERICANA TER
Suite 360
BOISE
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83706-2500
USA: UNITED STATES

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83706-2500
USA: UNITED STATES

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scott.hauser@usrtf.org

1238-Budget Narrative and Itemized Sheet_Final (1).pdf
application/pdf
xB5tXrWvvKmoQxGr48eeBmlADto=

1239-USRT_TNCLetterofCommitment_EPACPS (1).pdf
application/pdf
0EhL8aOn6d6m/8tXiwIxXy58zAo=

1240-Tax Exempt Letter 6.25.08.pdf
application/pdf
dzDIIe0ygs0h6AY1PPJOiJieDNU=

1241-Resume_Scott Hauser.pdf
application/pdf
XXMujOwZgSxZDp9JMx7g9mXII+c=

1242-RESUME_ KUTSCHBACH .docx (1) (1).pdf
application/pdf
HzcAIQ78OL2MI/iE0xII79eEXSY=

1243-Zoe Roberts - Resume - March 2023.docx (2).pdf
application/pdf
+qq+MQGyhwHdEsa/e9SC19x+l3k=

1244-Letter of Committment - FOTO (1).pdf
application/pdf
QjDV+ZeWVeWN8eJQH+FQa8wWuAU=

1245-Letter of Commitment - ICL (1).pdf
application/pdf
h36EFzHl4TXYFVqCaQ7jo5S8mws=

1246-Copy of COB_USRT Letter of Committment (1).pdf
application/pdf
XjMyH14vPULL0410v7Thl6U+a2M=

1247-Environmental Results (Logic Model) .pdf
application/pdf
nO7wTWYkZPyhgl84CJFg7bcuUjE=

Upper Snake River Tribes Foundation
3380 W Americana Terrace Suite 360
Boise
ID: Idaho
83706-2500

DYUCPZHLFAC1
Scott Hauser

Ex. 6 Personal Privacy (PP)
scott.hauser@usrtf.org
Executive Director
Y: Yes
N/A
N/A
N/A
N: No
Y: Yes
N: No
Y: Yes
Y: Yes
Y: Yes
N: No
Alexis Malcomb
Executive Director
2023-04-13

KGA3OTHMxYJncduV/97h4rC3f6M=
2023-04-13T14:24:59.000-04:00
Alexis Malcomb
GRANT13860250

The Nature Conservancy

Boise Field Office
950 W Bannock St, Suite 210
Boise, ID 83702

Ex. 6 Personal Privacy (PP)

nature.org/idaho

April 12th, 2023

Scott Hauser
Executive Director
Upper Snake River Tribes Foundation
Boise, Idaho

RE: EPA Environmental Justice Collaborative Problem Solving – Letter of Commitment

The Nature Conservancy in Idaho (Conservancy) is pleased to join the Upper Snake River Tribes Foundation (USRT) as a partner in achieving the goals of the Tribal Youth Environmental Justice and Climate Leadership Program. The Conservancy supports USRT's goals of improving environmental justice literacy of tribal youth, authentically connecting tribal youth to local and regional environmental justice issues that impact their community through collaborative civic engagement, and empowering tribal youth to take action through career and workforce development in climate and environmental justice.

The Nature Conservancy is a global non-profit with the mission to protect the lands and waters on which all life depends. Through the Tribal Youth Environmental Justice and Climate Leadership Program, the Conservancy will share expertise in land conservation, stewardship and ecosystem restoration, climate action, and regenerative agriculture.

The Nature Conservancy commits to the following:

- Year 1:
  - Host 1 virtual climate justice class
- Year 2:
  - Host 1 service-learning field day for a maximum of 12 students at one of The Nature Conservancy's Idaho preserves
- Year 3:
  - Host 1 intern (18 years or older) at Silver Creek Preserve (paid, up to 6 months)
  - Host 1 career-focused field day for a maximum of 12 students at one of The Nature Conservancy's Idaho projects

In coordination with the USRT, The Nature Conservancy will be responsible for facilitating these activities. The Nature Conservancy staff time and materials for the activities will be provided in-kind. Internship and travel expenses will be included in the grant and administered by USRT.

Sincerely,

Mark Menlove
State Director, Idaho

Ex. 6 Personal Privacy (PP)

Home Address:

Ex. 6 Personal Privacy (PP)
Boise, ID 83706
Telephone: Ex. 6 - Personal Privacy (PP)
E-mail: Ex. 6 - Personal Privacy (PP)

Work Address:

3380 Americana Ter., Ste 360
Boise, ID 83706
Telephone: Ex. 6 - Personal Privacy (PP)
E-mail: scott.hauser@usrtf.org

Education:

2003-2004 M.S., University of Idaho, Moscow, December 2004 Major: Environmental Science
Relevant coursework: Research Methods, Natural Resource Policy, Environmental Regulations and Law, Natural Resource Policy Development, Politics of Science, Soil and Water Quality Seminar, Wildland Issues Colloquium, Environmental Mediation, Human Dimensions of Restoration Ecology, International Environmental Issues, Environmental Science Graduate Seminar, Drinking Water and Human Health, and Law, Ethics, and the Environment.

2000-2002 B.S., University of Idaho, Moscow, December 2002
Majors: Political Science
Relevant coursework: Politics and the Environment, Political Science Research Methods, American National Government, Political Philosophy, Contemporary Political Ethics, American Congress, American Presidency, and American Political Thought.

2000-2002 B.S., University of Idaho, Moscow, May 2002
Majors: History
Relevant coursework: American Environmental History, The Historian's Craft, Idaho and Pacific Northwest History, U.S. History (seven 3-credit courses)

1998-2000 North Idaho College, Coeur d'Alene
Major: Education
Relevant coursework: Physical Geology, Historical Geology, Biology, Mathematics, Technical Writing, Astronomy, Physical Geography.

Experience:

2016 – Present Executive Director – Upper Snake River Tribes Foundation. Key management leader of USRT. Responsible for overseeing the administration, programs, employees, and strategic plan of USRT. Coordinate directly with USRT's tribal leaders and staff on environmental, fish & wildlife, and natural resource issues throughout the Upper Snake River Basin and beyond. Engage in hydroelectric projects across the Columbia River Basin. Full-time/40+ hours/week.

2012 – 2016 Environmental Program Director – Upper Snake River Tribes Foundation. Establish a USRT environmental program. Coordinate and pursue USRT objectives and strategies through information gathering and dissemination, facilitation of technical and policy meetings, and drafting of technical and policy statements. Assessment of the effects of climate change on USRT's four member tribes. Prioritization of actions and identification of projects on tribal lands. Identify funding sources and implement projects. Data collection and synthesis. Engage in hydroelectric projects across the Columbia River Basin. Full-time/40+ hours/week.

2009-2012 Environmental Scientist – Ecosystem Research Group. Research, write, review, and edit National Environmental Policy Act (NEPA) and non-NEPA documents and reports for public and private clients. Consult and develop activities, alternatives, and design elements for NEPA projects and non-NEPA. Researched and authored a successful appeal on a NEPA project. Acting wildlife manager overseeing the production of wildlife assessments, biological evaluations, biological assessments, connectivity evaluations, management indicator species reports, and specialist reports. Manage all aspects of multiple projects including proposal writing, budgeting, invoicing, client/stakeholder communication, and staff direction. Facilitate stakeholder coordination/cooperation efforts. Primary editor and writer of external and internal documents. Regulatory review and compliance. Conduct research on the cause/effect of

disturbance regimes on diverse landscapes. Proposal and grant writing. Document formatting and final presentation organization and printing. Full-time/40+ hours/week.

2008-2010 Hydrologic Technician – United States Forest Service, Lolo National Forest. Create and conduct studies and write sections of the 2010 Lolo National Forest best management practices (BMPs) report. BMPs are implemented on all forest projects that will likely impact soil and water resources. The 2010 report quantitatively analyzes numerous projects within the Lolo National Forest to assess the effectiveness of BMPs in protecting soil and water resources. The report addresses examples of projects where BMPs were not implemented or properly enforced. Principal 2008 duties included conducting forest road inventories, surveying bridges, culverts, and streams and collecting stream data. Information obtained from road inventories were used to assess the natural recovery value of decommissioned logging roads. Bridge and culvert survey data was used to evaluate functionality and to assess the impacts on soil and stream characteristics. Stream monitoring data were collected and compared with previous data to identify change over time. Full-time/40 hours/week.

2005-2008 Technical Information Specialist, Fire Effects Information System (FEIS) – United States Forest Service/Rocky Mountain Research Station. The primary responsibility of this position was to write plant species reviews for the FEIS website. Species reviews involved an extensive search for all available literature on assigned plant species. All available information regarding plant taxonomy, distribution, succession, reproductive biology, disturbance responses, wildlife value, and management dilemmas was summarized in a concise review. Species reviews highlighted information pertinent to plant-fire adaptations and/or postfire regeneration methods. Gaps in or inconsistent data was highlighted in reviews. For a list of my FEIS writings, enter Hauser, Alan into the search pane on the FEIS homepage: http://www.fs.fed.us/database/feis/index.html. Full-time/40 hours/week.

Scholarships/Awards/Achievements:

2016: Promoted to the Executive Director Position
2012: Hired to lead USRT's Environmental Program
2010: Promotion to project manager
2010: Promotion to environmental scientist II and wildlife manager and performance bonus
2007: Performance award pay increase
2004: M.S. in Environmental Science, 4.0 GPA
2003: First place, *Pi Sigma Alpha* National Political Science Class Paper of the Year, $250
2002: *Pi Sigma Alpha* National Political Science Honor Society
2002: Graduated Summa Cum Laude, B.S. History and Political Science
2002: Jeffrey Mesenbrink Memorial History Scholarship, $1580
2002: Charles H. Burt Scholarship, $300
2001: *Phi Alpha Theta* National History Honor Society
2001/2002: Winkler Memorial History Scholarship, $500

Thesis Title:

Public Perceptions and Attitudes in Idaho about Water Rights, Water Rights Transfers, and the Revocation of the Local Public Interest Review Criterion in Idaho Water Law.

Short Courses/Workshops Attended and Committee Positions:

EPA Region 10 Tribal Leaders Summit, Suquamish, WA, March 2017
Pacific Northwest Climate Conference, Seattle, WA, March 2016
Great Basin Consortium Conference, Reno, NV, February 2015
EPA Water Quality Standards Academy, Washington, D.C., May 2014
EPA Region 9 Tribal Leaders Conference, Lemoore, CA, October 2013
EPA Region 10 Tribal Environmental Leaders Summit, Spokane, WA, September 2013
Climate Change Science for Effective Resource Management and Public Policy in the Western United States Conference, Las Vegas, NV, March 2013
Great Basin Consortium Conference, Boise, ID, January 2013

Climate Change in the Northern Rockies Workshop, Boise, ID, November 2012
EPA Region 9 Tribal Leaders Conference, San Francisco, CA, November 2012
Pacific Northwest Climate Change Science Conference, Boise, ID, October 2012
ITEP Climate Change Adaptation Planning Workshop, Missoula, MT, September 2012
USFWS Climate Change Vulnerability Assessment Workshop, Shepherdstown, WV, June 2012
EPA Region 10 Tribal Environmental Leaders Summit, Grand Ronde, OR, May 2012
Clear Writing for NEPA Specialists, Park City, UT, August 2010.
Watershed Education Network Community Stream Monitoring Training, March 2009.
Conservation Lands Citizen Working Group, Missoula, MT, 2009.
Water Commissioner/Manager Workshop, Hamilton, MT, May 2005.
Graduate Assistant Professional Training, University of Idaho, Moscow, ID, Spring 2004.

References:

Ex. 6 Personal Privacy (PP)
Retired: U.S. Fish & Wildlife Service
Ex. 6 Personal Privacy (PP)
Meridian, ID 83646
Ex. 6 - Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)
Retired: Public Affairs Specialist – NOAA Fisheries
1201 NE Lloyd Blvd #1100
Portland, OR 97232
Ex. 6 - Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)
Owner – Adaptation International
Ex. 6 Personal Privacy (PP)
Austin, TX, 78704
Ex. 6 - Personal Privacy (PP)
sascha@adaptationinternational.com

Mary Lou Soscia
Columbia River Coordinator – Environmental Protection Agency
805 S.W. Broadway, Suite 500
Portland, OR 97205
Ex. 6 - Personal Privacy (PP)
soscia.marylou@epa.gov

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: JUN 25 2008

UPPER SNAKE RIVER TRIBES FOUNDATION INC
350 N 9TH ST STE 500
BOISE, ID 83702

Employer Identification Number:
26-2153386
DLN:
17053140005008
Contact Person:
SHERRY Q WAN ID# 31052
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)
Accounting Period Ending:
December 31
Public Charity Status:
170(b)(1)(A)(vi)
Form 990 Required:
Yes
Effective Date of Exemption:
March 11, 2008
Contribution Deductibility:
Yes
Advance Ruling Ending Date:
December 31, 2012
Addendum Applies:
No

Dear Applicant:

We are pleased to inform you that upon review of your application for tax exempt status we have determined that you are exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code. Contributions to you are deductible under section 170 of the Code. You are also qualified to receive tax deductible bequests, devises, transfers or gifts under section 2055, 2106 or 2522 of the Code. Because this letter could help resolve any questions regarding your exempt status, you should keep it in your permanent records.

Organizations exempt under section 501(c)(3) of the Code are further classified as either public charities or private foundations. During your advance ruling period, you will be treated as a public charity. Your advance ruling period begins with the effective date of your exemption and ends with advance ruling ending date shown in the heading of the letter.

Shortly before the end of your advance ruling period, we will send you Form 8734, Support Schedule for Advance Ruling Period. You will have 90 days after the end of your advance ruling period to return the completed form. We will then notify you, in writing, about your public charity status.

Please see enclosed Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, for some helpful information about your responsibilities as an exempt organization.

Letter 1045 (DO/CG)

UPPER SNAKE RIVER TRIBES FOUNDATION

We have sent a copy of this letter to your representative as indicated in your power of attorney.

Sincerely,



Robert Choi
Director, Exempt Organizations
Rulings and Agreements

Enclosures: Publication 4221-PC
Statute Extension

Letter 1045 (DO/CG)

Ex. 6 Personal Privacy (PP)

701 Warren Wilson Road, Swannanoa, NC 28778

Ex. 6 - Personal Privacy (PP)

SKILLS & ABILITIES effective oral and written communicator, proficient researcher, coordinator, physically active, intercultural communication, shares information effectively in group settings, highly organized, dependable, reliable, prompt and present, independent and self-driven, works well in groups, responsible money-handler, effective in Google and Microsoft Office, experience in ArcGIS

EDUCATION

WARREN WILSON COLLEGE, SWANNANOA NC, AUGUST 2019-DECEMBER 2022

MAJOR: Global Studies with a concentration in Environment and Society, MINOR: Environmental Studies, 3.99 GPA, matriculated from high school with 26.0 credit hours, completed 3 semesters of Spanish, a global studies, environmental education, foundations of high school and middle school education, and environmental policy course. Has completed global studies thesis on indigenous technology and global agricultural trade, studied abroad in Chiapas, Mexico May 2022.

EXPERIENCE

OUTREACH AND EDUCATION COORDINATOR UPPER SNAKE RIVER TRIBES FOUNDATION (USRT), JANUARY 2023-PRESENT

Manage USRT social media, create quarterly technical newsletters, create public newsletters, perform outreach to local companies/organization, host booths at tribal and local events, Attend 4 council meetings per tribe a year (16 total), travel to conferences and forums, build and maintain relationships with/communication with donors and supporters, identify additional funding sources to help build USRT's education and climate program, researching and writing grants, foster strong relationship with a wide range of community stakeholders, including government agencies, educators, school administration, and tribal staff, plan and develop tribal youth engagement activities and events including camps, market climate curriculum and other learning opportunities, facilitate workshops, classes, and other learning opportunities for tribal community members, regularly travel to member tribes' reservations to meet with teachers and other community members.

BLACKSMITH WARREN WILSON COLLEGE, AUGUST 2020-DECEMBER 2022

Make products, teach blacksmithing techniques to peers and adults, assist in teaching craft classes, manage intercrew communication, manage forge social media, fabricate tools, maintain clean and effective work environment, communicate with other campus crews, collaborate on larger fabrication projects.

RESIDENT ASSISTANT WARREN WILSON COLLEGE, AUGUST 2020- JANUARY 2022

Maintain a friendly and connected community within dorms, connect with residents and communicate is needs are being met, facilitate fun and uplifting programs for residents to participate in, fill out work orders that need to be addressed in dorms, fill out incident reports when community violations occur, conduct rounds of multiple dorms to ensure community guidelines are being respected, maintain a positive and inclusive environment, fill out weekly reports for supervisors, handle sensitive information effectively.

BARISTA INGLES/STARBUCKS, JANUARY 2022-PRESENT; KROGER/STARBUCKS, MARCH 2017-APRIL 2018

Welcomes customers and determine their coffee interest and needs, educates customers by presenting and explaining coffee drink menu and food items; sells coffee and coffee grinding by explaining difference in coffee beans and coffee preparation equipment machines, demonstrating how coffee brewing equipment operates; prepares and sells coffee drinks by following prescribed recipes and preparation techniques for coffee drinks; maintains inventories and stock supplies; keeps equipment operating, troubleshoots breakdowns and performing preventative maintenance, and calling for repairs as needed; maintains safe and healthy work environment by following organization standards and sanitary regulations; and updates knowledge by participating in educational opportunities and reading coffee, retail and food service publications.

SALES ASSOCIATE DANCING BEAR TOYS, MAY 2021-DECEMBER 2021

Welcomes customers, advises and directs customers to items for their preferences, interacting with children, handling money, taking inventory, maintaining a clean and organized work environment.

SALVAGE LABORER WARREN WILSON COLLEGE AUGUST, 2019-2020

Salvage materials on campus, separates reusable materials from waste materials, sorts recyclable items, operates a motor vehicle, orchestrated donations to local shelters, maintains compost, weighs materials in containers and keeps records of total waste collected, handles money.

SALES ASSOCIATE AND PLANT CARE GIVER FEASEL'S GARDENING CENTER, MAY 2020-JUNE 2020

Water plants, repot plants, advise customers, assist customers in finding the right flower or plant for them, putting together flower displays, organizing display shelves, maintaining an organized and clean work environment, restocking gift shop areas, pricing items, unloading large plants and cement sculptures, maintaining relationships with regular customers.

SERVER CHIPOTLE, MARCH 2019-JANUARY 2020

Welcomes customers, prepares orders to customers' preferences, fulfills online orders, handles money and credit card transactions, maintain hygienic environment, performs inventory, answers questions about food items.

FOOD SALES CLERK BRINKMAN'S COUNTRY CORNER, APRIL 2018-MARCH 2019

Fills customer order, performing duties such as obtaining items from shelves, freezers, coolers, bins, tables, or containers; preparing single-serve desserts for take-out; washing, cutting, mixing ingredients according to recipes; baking food items in the oven. Place food items in container.Stamps, marks or tags price on merchandise. Informs customers of total price of purchase. Sets up displays and stocks shelves, coolers, counters,bins, tables, freezers, containers or trays with new merchandise.

SERVER JOLLY DIPPER APRIL, 2016-2017

Greet customers, take order, answer questions about food items, provide information about daily specials, repeat orders to ensure accuracy, provide customers with payment information and take cash or process credit and debit card purchases, return change and provide receipts, assist in food preparation, tally receipts and ensure any discrepancies are handled immediately, hand customers their orders and politely thank them for choosing Jolly Dipper.

VOLUNTEER/ COMMUNITY ENGAGEMENT

PET PAL, Humane Society & SPCA of Hancock County, 2008 to 2015, fostered kittens and puppies, socialized pets pre-adoption

CAMP VOLUNTEER, Findlay City Schools, 2015-2019, Camp World and Camp Discovery (K-6), aided teachers in science, technology, engineering, and mathematics (STEM) as well as geographical and cultural classes

TEACHER'S ASSISTANT, ArtSpace Charter School, 2019, assisted first-graders in reading, writing, and research

ECOTEAM MEMBER, Oakley Elementary, 2020, taught a third grade classroom about the environment

SPECIAL PROGRAM TEACHER, Hinds' Feet Farm, 2020, dissecting owl pellets and teaching environmental science to folks with traumatic brain injuries

GENERAL VOLUNTEER, Bounty and Soul, 2021, directing and helping patrons through a free food market

ESL ASSISTANT, Owen Middle School, 2022, reaching out and talking to ESL students

ESL TEACHER, Beacon of Hope, 2022, creating and executing lesson plans to teach English to Spanish speakers

REFERENCES

Ex. 6 Personal Privacy (PP) MAJOR ADVISOR AND PROFESSOR, WARREN WILSON COLLEGE
Ex. 6 - Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) SPANISH PROFESSOR, WARREN WILSON COLLEGE
Ex. 6 - Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) BLACKSMITHING SUPERVISOR, WARREN WILSON COLLEGE
Ex. 6 - Personal Privacy (PP)

Boise, ID 83702
Phone: Ex. 6 - Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

Extensive project and program management experience; exceptional written and verbal communication skills; stakeholder and community engagement experience; collaborative mindset; organized and detail-oriented; passionate about environmental and social issues; excellent outreach and coordination skills; exceptional leadership skills; creative problem solver.

Education

University of Denver
Environmental Policy and Management
Concentrations in Energy and Sustainability
Master of Science .....3.93 GPA.....2019 – 2021

- Relevant Graduate Courses: Environmental Protection Law, Sustainable Transportation, Renewable and Alternative Energies, Climate Change and Science; Sustainability: Policy and Practice.

Reinhardt University
Interdisciplinary Studies: English, History, & Religion
Minors in Mathematics and International Studies
Bachelor of Arts ..... 3.83 GPA – Graduated with Honors .....2015 – 2019

Work Experience

Environmental Program Director, Upper Snake River Tribes Foundation *2021-Present*
Boise, ID

- Build and foster relationships with stakeholders, tribal members, and agencies.
- Attend and present at national and regional conferences.
- Co-lead in community outreach and education through workshops, tabling, social media, and newsletters.
- Identify, write, and submit LOI's, grant proposals, and donor-inquiries to meet the financial needs of the environmental program.
- Coordinate in-kind contributions from NGO's.
- Manage grant invoicing, reporting, monitoring, and budgeting for grants up to $200,000.
- Enter data and manage databases for the environmental program and various projects.
- Create a positive, team-oriented workspace and manage program staff, interns, and volunteers.
- Assist in recruiting, interviewing, and training new program employees, interns, and volunteers.
- Plan and execute events for tribal leadership, board members, tribal community members, and tribal youth.
- Design and implement Tribal Youth Climate Camps throughout the year.
- Coordinate between federal, private, national/regional, and tribal entities.
- Serve as lead on climate and environmental justice issues for the USRT tribes.
- Manage all aspects of the environmental program and projects.
- Perform outreach to member tribes' leadership, staff, community members, and youth.
- Generate a myriad of reports for executive staff.
- Demonstrate continued cultural-competency, compassion, and respect.
- Assess effectiveness of environmental programs and climate projects.
- Research, co-author, and submit comment letters on various issues for the tribes.
- Continued use of Canva, Google Suite, Zoom, and Microsoft.

- Lead the development and implementation of the Climate Change Program: Tribal Resilience Action Database, Tribal Climate Hazard Mitigation, Climate Change Outreach and Education Program (focused on tribal youth and community members).

Administrative Assistant & Maintenance Coordinator, Skyline Properties Group
Remote *2019-2021*

- Accurately file and keep record of lease agreements, maintenance records, and financial records.
- Entered data and management systems for record keeping and progress tracking.
- Perform duties as needed for executive staff.
- Perform outreach to owners, tenants, and vendors.
- Independently managed over 300 properties maintenance needs and projects.
- Completed between 120-200 work orders a month.
- Work with owner budgets and handle any invoicing after work order completion.
- Managed projects with budgets up to $20,000.
- Effectively communicated with multiple agencies, departments, and stakeholders: Maintenance vendors, leasing and accounting department, insurance adjusters, warranty companies, owners, and tenants via phone, email, in-person, and Zoom.
- Co-lead staff meetings.
- Generate and distribute reports to stakeholders, colleagues, and executive staff.
- Continued use of Microsoft Word, Excel, and PowerPoint.
- Independently managed my own work schedule, projects, and deadlines.
- Troubleshoot and problem solved continuously throughout the work week.

Legal Intern, Chief Judge Ellen McElyea
Canton, GA *2019-2019*

- Attended daily court hearings.
- Took notes for Judge McElyea.
- Draft proposed decisions for Judge McElyea in high-profile court case.
- Assisted in filing and record keeping.
- Researched case law and identified supporting documents for the legal team.
- Transcribed recorded interviews and interrogations in criminal cases.
- Work alongside the District Attorney to research court cases.
- Write analysis of the court system and procedures for my academic advisor at the end of the internship.

Resident Advisor, Reinhardt University
Waleska, GA *2017-2019*

- Monitor residential areas to ensure they remain in compliance with school policies and procedures.
- Display ability to independently handle a variety of difficult situations.
- Foster community development for undergraduate residents through educational programming focused on environmental sustainability.
- Collaborate and foster relationships with residents.
- Collaborate with supervisors, professors, outside speakers, etc. for programs.

Tutor, Reinhardt University
Waleska, GA *2017-2019*

- Tutor in English, Math, History, and low-level biology.
- Assist peers in utilizing higher order thinking skills (analysis, synthesis, creation)
- Review/edit essays and papers for peers.
- Aid peers in comprehending and applying information from source material.

Achievements and Publications

- Master's thesis examines Boise's transportation future, focusing primarily on public transportation and urban planning. Examines social, economic, and environmental impacts, with a special focus on the impacts to vulnerable communities (women, children, minorities, low-income, and homeless).
- Microsoft Office / Google Suite / Social Networking (Facebook, Instagram, Twitter, LinkedIn) Experience.
- Member, Sigma Tau Delta – English Honor Society
- Member, Phi Alpha Theta – History Honor Society
- Certificate in Grant Writing - Boise State University
- Certificate in Email Marketing and Fundraising - National Grant Foundation
- Certificate in NEPA Process - Archer Institute
- Certificate in Water Quality Standards Academy - Environmental Protection Agency
- Certificate in Environmental Education and Community Engagement - Cornell University
- Certificates in Excel & Pivot Tables - National Grant Foundation
- Volunteer experience with the Citizens Climate Lobby (CCL)
- Volunteer experience with Boise's homeless shelter: Interfaith Sanctuary

3-30-2023

Scott Hauser
Executive Director
Upper Snake River Tribes Foundation
Boise, ID 83702

RE: EPA Environmental Justice Collaborative Problem Solving - Letter of Commitment

I am writing to indicate our commitment to partnering with the Upper Snake River Tribes (USRT) Foundation on the Tribal Youth Environmental Justice and Climate Leadership Program. We are excited by the goals of this project to 1) improve the environmental justice literacy of tribal youth; 2) authentically connect tribal youth to local and regional environmental justice and climate issues that impact their community through collaborative engagement; and 3) empower tribal youth to take action through career and workforce development in climate and environmental justice.

The WaterShed is an organization run by the City of Boise. We are committed to increasing water and climate change awareness and inspiring action by teaching people of all ages how to protect and conserve our natural resources for future generations. We engage our community through exhibits, programs, and outreach.

We have partnered with the Upper Snake River Tribes Foundation on facilitating and hosting a climate field trip and have engaged the Foundation on exhibit designs for our education center.

Should USRT be awarded the EPA EJCPS grant, The WaterShed will assist through our expertise in climate education and engagement and commitment to uplifting disadvantaged communities. The WaterShed will participate in all partnership meetings and necessary calls to organize and plan for appropriate engagement throughout the course of the program. The WaterShed also commits to the following:

Year 1:

- Participating in 2 virtual EJ/climate classes

Year 2:

- Participating in 1-2 virtual EJ/climate classes

- Providing activities and support for 2 field trips

Year 3:

- Participating in 2 virtual EJ/climate classes

In addition, the City of Boise will explore opportunities to participate in on-reservation workshops alongside USRT as well as offer internships to tribal youth. These are services we will have to explore further before fully committing.

The above services will be contributed in-kind, apart from the internship, which will be paid under the grant.

We are excited to be a partner on this project and increase the engagement of tribal youth in Environmental Justice, climate change, and the City of Boise's many opportunities.

Sincerely,
Cindy Busche
Education Manager, The WaterShed

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Grant Proposal for Environmental Justice Collaborative Problem Solving

Tribal Youth Environmental Justice and Climate Leadership Program

Amount Requested: $335,417.97

Scott Hauser
Upper Snake River Tribes Foundation
Executive Director
3380 W Americana Terrace, Suite 360
Boise, Idaho 83706

Office: Ex. 6 - Personal Privacy (PP)

scott.hauser@usrtf.org

14 April 2023

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1.0 PROGRAM OBJECTIVES

Project Summary

Project Title

Tribal Youth Environmental Justice and Climate Leadership Program.

Project Location

The Upper Snake River Tribes (USRT) Foundation office is in Boise, Idaho and its four member tribes reside within the following reservations: Fort Hall Reservation (Idaho), Burns Paiute Reservation (Oregon), Duck Valley Reservation (Idaho & Nevada Border), and Fort McDermitt Reservation (Oregon and Nevada Border). The member tribes' cultural, environmental, and spiritual ties span over 64 million acres, crossing legal borders and boundaries in three states (Figure 1).

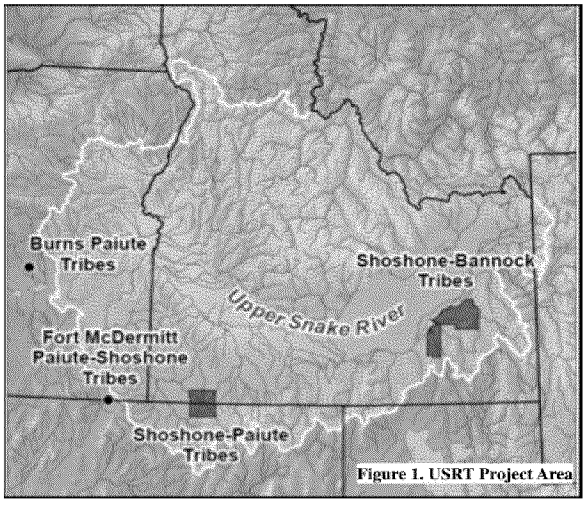

Figure 1. USRT Project Area

Applicant Information

USRT Foundation, Scott Hauser, Executive Director, scott.hauser@usrtf.org, Ex. 6 - Personal Privacy (PP)

Organization Description

USRT is composed of four Indian tribes of the Upper Snake River Basin in Idaho, Nevada, and Oregon: the Burns Paiute Tribe, Fort McDermitt Paiute and Shoshone Tribe, Shoshone-Bannock Tribes of the Fort Hall Reservation, and Shoshone-Paiute Tribes of the Duck Valley Reservation. While the members of USRT currently reside within the Upper Snake River Basin, their aboriginal areas of use extend far beyond the region in all geographic directions. The four tribes have common vested interests to protect rights reserved through the United States Constitution, federal treaties, federal unratified treaties (including but not limited to the Fort Boise Treaty of 1864, Malheur Treaty of 1864, Bruneau Treaty of 1866, and Long Tom Creek Treaty of 1867), executive orders, inherent rights, and aboriginal title to the land, which has never been extinguished by USRT member tribes.

USRT works to ensure the protection, enhancement, and preservation of the tribes' rights, resources, cultural properties, and practices and that they remain secured. These include but are not limited to hunting, fishing, gathering, and subsistence uses. USRT's recent work has focused heavily on a suite of climate-focused projects, including climate vulnerability assessments (2016), climate adaptation plans (2018), a tribal resilience action database (in progress), tribal climate hazard mitigation plans (in progress), and several climate-based tribal youth engagement programs (2019-present).

Are you applying for the Small CBO Set Aside Track for $150,000 projects? No.

Project Abstract

USRT's work in the last several years has focused on improving the climate literacy of our member tribes' communities and youth. USRT accomplished this work by creating a K-12 climate curriculum, hosting climate workshops for tribal educators, and hosting climate camps and field trips for tribal students. However, this work was only the beginning for USRT. With the Environmental Protection Agency (EPA) Environmental Justice Collaborative Problem Solving (EJCPS) funding opportunity, we hope to build off our previous efforts to implement a stronger, better prepared generation of tribal environmental leaders. There are three focus areas in which USRT can engage

tribal youth on climate hazards and environmental justice concerns: 1) improve the environmental justice literacy of tribal youth; 2) authentically connect tribal youth to local and regional environmental justice issues that impact their community through collaborative civic engagement; and 3) empower tribal youth to take action through career and workforce development in climate and environmental justice. The overarching goal of this program will be to provide collaborative experiences, training, and opportunities that will help the next generation of tribal leaders address their most pressing environmental justice concerns within their own communities, regionally, and beyond. USRT will accomplish this work with the continued implementation of our climate curriculum and suite of environmental justice-focused programming (figure 2). The geographic location of this work will vary depending on the circumstances. Some work may be conducted virtually, in person at each reservation, and in Boise where many of the resources we hope to offer the students are located.

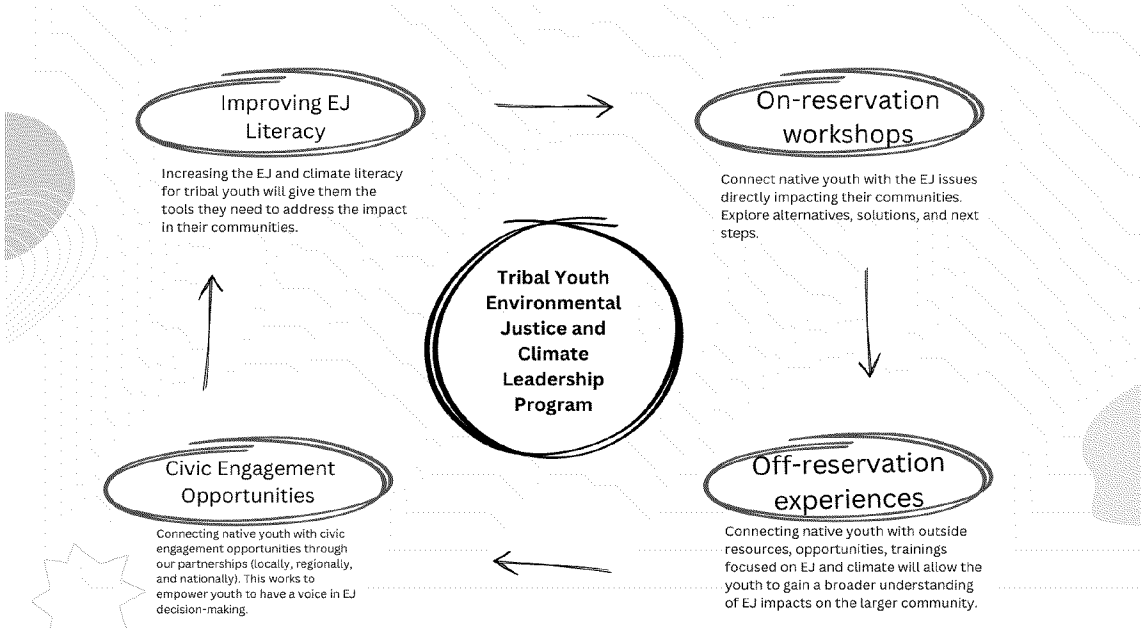

Figure 2.

Project Type

USRT's project will focus on public education, youth engagement and training, workforce development, and citizen science/stewardship.

Special Considerations

USRT's work qualifies for Rural Areas consideration based on the U.S. Census Bureau[1] (Table 1).

Tribe	Location	Population Size
Burns Paiute Tribe	Burns, Oregon	104 (+/- 60)
Fort McDermitt Paiute andShoshone Tribe	McDermitt, Nevada	283 (+/- 118)
Shoshone-Bannock Tribes	Fort Hall, Idaho	5,168 (+/- 496)

[1] US Census Bureau My Tribal Area Tool. https://www.census.gov/tribal/index.html

Shoshone-Paiute Tribes	Owyhee, Nevada	1,125 (+/-)

Table 1.

Environmental Issue

The environmental issues USRT seeks to address in this work includes the impacts to tribal youth and their communities from air pollution, extreme heat and wildfires, poor water quality, and hazardous waste. USRT member tribes experience disproportionate impacts from mining operations that create pollution, hazardous waste, diminished water quality, extreme heat, drought, episodic weather events, and wildfires from climate change. It is important that we educate and engage tribal youth on the myriad of environmental justice issues that their communities face to ensure they become well-informed decision makers.

List of Project Partners

The Nature Conservancy (TNC), City of Boise Watershed Department, Idaho Conservation League (ICL), and Friends of the Owyhees (FOTO). USRT has strong relationships with other partners throughout Idaho and Oregon, and plans to engage more potential partners if awarded the grant. Potential partners include Boise State University, 4H extension through University of Idaho, Oregon Natural Desert Association, and American Rivers.

Will you need to develop a QAPP for your project? This project will not require a QAPP.

Environmental and Public Health information of the Underserved Community

Underserved Community Description

USRT's four member tribes are some of the most vulnerable to the changing climate, environmental degradation, cultural degradation, and other disasters, such as the COVID-19 pandemic. These disadvantages are caused by a long history of oppression and forcible removal from their historic homelands to reservations. For the USRT tribes, their history, income, education, remoteness, and size have had significant impacts on their ability to respond to environmental justice and climate hazards. Firstly, three of our four member tribes are "Executive Order tribes," although each is federally recognized. Absent a ratified treaty, they do not have off-reservation rights, which severely limits access to myriad resources. Although recent efforts have been made to right historical wrongs for tribal communities, their marginalization throughout history is still impacting them today.

Currently, USRT's member tribes (like many tribal communities) are more vulnerable to extreme weather events and harmful environmental trends. Climate-based impacts are known to have greater ramifications on under-served communities, such as Native American tribes (USGCRP 2018, IPCC 2014). Presently, the impacts of a changing climate on species have been observed and range from changes in phenology to local extirpations (Klausmeyer et al. 2011, IPCC 2014). Great Basin temperatures have increased during the 20th century from 0.3 to 0.6 °C. In fact, 2022 was ranked the world's 6th warmest year on record (NOAA 2023). The 10 highest monthly temperatures departures from above average have all occurred since 2015 (NOAA 2019). Minimum temperatures have increased more than maximum temperatures and variability in interannual temperatures has declined. As a result, the probability of very warm years increased, and very cold years declined (Wagner 2003). Projected warming for the Great Basin over the 21st century is expected to range from 2 to 5 °C or more (USGCRP 2018, USRT 2017, Cubashi et al. 2001). Expected elevated temperature will

be dependent on the increase in CO2 and will vary across the Great Basin due to significant differences in topography.

Changing climate conditions are also expected to have multiple effects on fire regimes in the Great Basin (USRT 2017). Since 1986, the length of the active wildfire season has increased by 78 days and the average burn duration of large fires has increased from 7.5 to 37.1 days (Westerling et al. 2006). Earlier snowmelt, coupled with a lack of snow retention, has resulted in longer periods of dry conditions. Exacerbating this situation later in the season is hot, dry, and windy weather, providing ideal conditions for wildfire (Ford et al. 2012). The number of high fire days is on the increase and the Great Basin is one of the most affected regions in the U.S. Extremely dry conditions lead to erratic fire behavior, increased flame lengths, torching, crowning, and blowups (Cong. Rec. 2007, Brown et al. 2004). Mega fires, far exceeding those of recent decades, are on the increase in the Great Basin (Chambers and Pellant 2008). This can have significant effects on plant and animal species and water quality. For instance, the Long Draw Fire of 2012, in the Owyhee portion of the Upper Snake River, burned 558,198 acres and was the largest fire in Oregon in more than 100 years (BLM 2013). Higher levels of CO2 increase production and water-use efficiency of C3 plants (carbon fixation plants) but may increase the invasion of non-native species such as cheatgrass and other annual grasses. Non-native perennial forbs and woody species may also be favored over native species in a changing climate (Smith et al. 2000, Ziska et al. 2005). This can contribute to the loss of culturally important species.

One of the greatest challenges facing tribal resource managers is engaging tribal youth in climate-related science and adaptation efforts and translating that information into relatable examples for them, as many tribal members generally lack scientific backgrounds. The climate data outlined above, although important, is not immediately recognizable for tribal youth. Furthermore, USRT's member tribes generally lack the necessary Science, Technology, Engineering, and Mathematics (STEM) education needed to fully understand environmental justice impacts. High impact outreach, communication, and workshops about the value of ecosystems, a changing climate, adaptation projects, and mitigation efforts can empower tribal youth to act in ways that protect and sustain the environment and their cultural resources. Environmental justice decision-making requires engaging people with diverse, conflicted, and/or limited perspectives in dialogues about what is at stake, who benefits, and who stands to lose without mitigation action. Collaborative learning and discussion can reduce conflict and contribute to development of shared meaning amongst tribal youth and their community leaders. These discussions can facilitate the development of actions and planning of future projects that sustain and create resilience for ecosystem services and cultural resources that support and sustain tribal lifeways, while also identifying and exploring the tribes' environmental justice needs.

The U.S. Climate and Economic Justice Screening Tool identified all four of our member tribes as disadvantaged to climate impacts. This tool identifies climate, economic, health, and workforce development rates for disadvantaged communities. The listed percentiles show how much burden

each tract experiences when compared to other tracts. The most pressing impacts to the USRT tribes identified by the tool are outlined below[2].

Burns Paiute Tribe, Harney County

Agricultural Loss Rate: 45%	Building Loss Rate: 68%	Wildlife Risk: 92%	Low Income Population: 75%	Unemployment population: 89%

Fort McDermitt Paiute and Shoshone Tribe, Humboldt County

Agricultural Loss: 98%	Building Loss: 97%	Wildfire Risk: 88%	Low Income: 47%	No Higher Ed: 96%	Unemployment: 23%

Shoshone-Bannock Tribes of the Fort Hall Reservation, Bannock County

Agricultural Loss: 81%	Building Loss: 69%	Population Loss: 88%	Wildfire Risk: 81%	LowIncome: 91%	No Higher Ed: 94%	Unemployment: 98%

Shoshone-Paiute Tribes of the Duck Valley Reservation, Elko County

Agricultural Loss: 99%	BuildingLoss: 99%	Population Loss: 59%	Wildfire Risk: 93%	Low Income: 83%	No Higher Ed: 94%	Unemployment rate at 82%

Furthermore, the Fort McDermitt Paiute and Shoshone Tribe has seen significant impacts from COVID-19 and has been documented as a high risk population by the Humboldt County Jurisdictional Assessment[3]. The assessment outlines the Fort McDermitt Tribe's continued struggle with COVID-19 during the summer of 2020, including metrics of which the risk was measured, and an action plan for the County to implement throughout 2020.

It can be difficult to fully encapsulate the disproportionate impacts felt by our member tribes as there are many factors that contribute to their disparities. One issue that is particularly difficult to describe is the loss of culturally significant species and practices. The loss of salmon and other important cultural resources, as well as a long history of oppression has greatly impacted the USRT tribes ability to sustain their important cultural practices.

Addressing Environmental and Public Health Issues

USRT's member tribes are on the frontlines of a changing climate, experiencing some of the first and worst impacts of climate change. USRT's four member tribes, located in remote areas throughout the Snake River Basin, often experience natural disasters that are exacerbated by climate change, such as bouts of extreme heat and drought, unpredictable winds storms and snowstorms that cause power outages, the inability to travel and obtain living essentials for long periods of time, and wildfires that threaten homes, communities, and natural and sacred resources. Rarely do tribal staff members have the time and resources to analyze, plan, and prepare for extreme weather events and their associated

[2] Percentages identified by the tool are subject to change as more data is gathered. These percentages were gathered on March 3, 2023. https://screeningtool.geoplatform.gov/en/#13.88/42.10352/-116.31042

[3] Humboldt County Jurisdictional Assessment.

hazards, nor consider how climate change will influence those hazards. It is extremely difficult for these small and under-resourced communities to obtain funding for climate-related work and effectively protect valuable cultural resources, nor prepare their youth for the long journey ahead.

The tribal youth also have very few opportunities to engage with educators, communities, or the natural world outside of their reservation. Many students may be unaware or unable to utilize the resources that are available to them outside of their communities. USRT has received feedback from tribal leadership that the tribal youth are mostly unaware of how to address climate change impacts, nor what opportunities are available to them through education, training, and workforce development. USRT's hope is to demystify climate change, making it less intimidating and foreign to the tribal youth through comprehensive programming.

Because the USRT tribes experience environmental and health related impacts from a myriad of climate-related issues, it can be difficult to identify just one area of focus. USRT's program will separate key issues into categories and perform specific educational workshops and learning opportunities regarding those specific areas. Examples of categories include: 1) air quality, monitoring, and mitigation; 2) water quality monitoring and mitigation; 3) civic engagement and tribal environmental leadership; 4) hazardous waste and remediation; and 5) climate hazards (wildfire, heat, winter storms, etc). This list, although not exhaustive, does allow USRT to design lesson plans and workshops on specific topics as they relate to the unique challenges tribal youth face.

Benefits to the Underserved Community

Preparing tribal youth to be well-informed about environmental justice and climate issues is a paramount goal for USRT's member tribes in the face of an ever-changing climate significantly impacting their cultural, spiritual, and subsistence lifeways. The USRT Commission has directed USRT staff to prioritize tribal youth initiatives. USRT's program will address the lack of education, understanding, and opportunities regarding environmental justice issues for the tribal youth. This will benefit the youth and the larger community in a myriad of ways: 1) improve climate and environmental justice literacy; 2) empower tribal youth to be decision-makers; 3) increase civic engagement, and 4) create a framework for collaborative problem solving among the tribes and USRT's partners.

Organization's Historical Connection to Underserved Community

Organization History

USRT was formed by the four member tribes in 1998 and became a non-profit with 501(c)(3) status in 2007. USRT was created to provide a unified voice for the Snake River Tribes on environmental and cultural resource issues. USRT's tribal Commission, made up of two elected Council members from each tribe, directs all of USRT's work. Before any major project or program is undertaken, USRT staff first engages with the tribal Commission to ensure proposed work meets the priorities for their communities.

USRT is a trusted tribal community-based organization that has been working with and supporting our four member tribes for two decades through a myriad of successful climate-based projects.

Examples of successful past projects with our member tribes include a Climate Change Vulnerability Assessment (2016), Climate Adaptation and Strategy Project (2018), Hells Canyon Complex Fisheries Resource Management Plan (2018), Climate Change Adaptation Strategies for Rangeland Managers (2019), and Climate-based Community Outreach and Education (2019-present). USRT also has several projects currently underway with our tribes, including a Tribal Climate Adaptation Database, which creates a website tool for tribal environmental professionals, a Tribal Climate Hazard Mitigation Project, which creates FEMA-approved hazard plans for each tribe, an Upper Snake River Basin Fish & Wildlife Loss Assessment, and a series of tribal youth climate camps, on-reservation workshops, and climate curriculum implementation.

Community Driven Participation

As noted above, USRT's work is directed by our Commission. When the education program was initially developed in 2019, USRT's staff met with tribal leaders to determine the most appropriate method for engaging tribal youth. USRT recently hosted a Commission meeting on February 8th and 9th of 2023 and gathered feedback from tribal leaders, natural resources staff, and educational staff regarding youth-development programming. The feedback was overwhelmingly positive and encouraging. The tribes' were eager to pursue more youth development projects that specifically address climate, environmental justice, and cultural concerns. USRT engages regularly with tribal leadership, staff, and community members throughout the year via quarterly Commission meetings, social media, newsletters, annual events, and tribal festivals and celebrations.

One of the primary challenges we've experienced with our education program is the lack of confidence the tribal students have in STEM and decision-making processes. Currently, tribal members and youth may not have opportunities to be decision-makers or may not feel comfortable or safe expressing their concerns outside of their own communities. We believe that through this next round of youth programming, we will be able to focus heavily on civic engagement and encouraging young tribal members to voice their concerns on multiple levels of government, whether tribal, federal, and/or state and local. The long-term outcome of increasing the number of Native American students pursuing and participating in STEM and civic engagement will be accomplished through twelve on-reservation workshops, four field trips, four career-focused field work expeditions, eight service learning opportunities, eight internships, 14 virtual climate and environmental justice classes, and 33 educational newsletters.

Collaborative Problem-Solving Model

Utilizing EJCPS Elements

USRT's youth engagement program will undertake five of the seven elements listed in the EJCPS model. Those elements are as follows: 1) Issue Identification, Visioning, and Strategic Goal-Setting. This will be accomplished through a youth-led issue identification process, where students will first learn how to put a name to the issues they experience and be empowered to find creative solutions; 2) Community Capacity-Building and Leadership Development through workshops, camps, and field trips focused on workforce development and leadership; 3) Development of Multi-Stakeholder Partnerships and Leveraging of Resources through a system of organizations and entities that support environmental justice for tribal youth through various opportunities; 5) Consensus Building and

Dispute Resolution through youth-led roundtable discussions that build unity and strength between tribal youth, leadership, and outside environmental justice-focused agencies; and 7) Evaluation through yearly program evaluation both internally and externally.

We believe that by empowering youth to identify challenges together will build trust amongst them and facilitate creative problem solving. We also hold that connecting the youth with various stakeholders, partnerships, and resources will give them a sense of unity outside of their communities. It is important for the youth to not feel alone or forgotten in their fight for environmental justice.

Project Linkages

Supporting EPA's Strategic Goals

USRT's project aligns with several goals and objectives outlined in EPA's 2022-2026 Strategic Plan. USRT's project directly meets EPA's Goal 2, Objective 2.1 (promote environmental justice and civil rights at the federal, tribal, state, and local levels). USRT's program also works to strengthen the civil rights and environmental justice of our tribes through strategic youth engagement. This occurs through promoting civic engagement on climate and EJ topics at a young age. USRT understands that preparing the next generation of tribal decision makers is vital in ensuring an equitable and sustainable future for tribal communities. USRT's project also aligns with EPA's Strategy 2 (consider the health of children at all life stages and other vulnerable populations). Notably, USRT's work focuses on one of the tribes' most vulnerable populations, their youth. Not only will USRT's work increase the tribal youth's understanding and engagement in environmental justice, but it will also educate its partnering organizations and EPA on tribal issues, workforce development strategies for disadvantaged communities, and approaches for engaging with tribal communities.

Partnerships and Collaboration

Partnership Uses

USRT understands that engaging tribal youth on the numerous environmental justice and climate issues is no easy task. Addressing the lack of EJ-focused education for tribal communities requires creative and collaborative problem solving. USRT believes that by leveraging the expertise of various conservation-focused organizations, we can connect tribal youth to opportunities and experiences that may otherwise be unavailable to them.

Partnership Identification and Description

1. The Nature Conservancy (TNC) will bring expertise to the virtual climate justice classes, host two service learning field days at one of the TNC's preserves, and host one tribal youth intern at their Silver Creek Preserve (paid 3-6 months).
2. Friends of the Owyhees (FOTO) will bring their expertise to lead career, field-work focused expeditions into the Owyhee canyonlands to offer participants in-the-field experiences.
3. City of Boise - Watershed and Climate Change Department will bring their expertise to our monthly calls and provide support and activities for field trips based in Boise. The department is also interested in exploring opportunities to host interns in the third year.
4. Idaho Conservation League will bring their expertise to our monthly calls, on-reservation workshops, youth-led service learning projects, field trip activities, and hosting a tribal youth intern.

2.0 PROJECT ACTIVITIES / MILESTONES / SCHEDULE

Project Activities

USRT's Tribal Youth Environmental Justice and Climate Leadership Program seeks to prepare the next generation of tribal leaders to be well-informed decision-makers and active in civic engagement. To accomplish this, USRT has designed a program approach that will start within the tribal community. This will allow the tribal youth to become acquainted with environmental justice and climate topics in a comfortable and safe setting. Following that, we will begin to introduce opportunities both on-reservation and off through workshops, service-learning opportunities, and field trips. Finally, the participating students will have an opportunity to intern and participate in training or workforce development opportunities with our partnering organizations. The timeline for this program is as follows:

Year One (Oct 2023 - Oct 2024):

- Collaborative Program Development: USRT, within the first three months, will meet with tribal leaders, educators, and our partners to strategize on next steps. This includes hiring or training necessary staff, engaging stakeholders, and creating a strong framework for communication amongst partners.
- On-reservation workshops (8): USRT will host two workshops at each reservation over the course of the first year. These workshops will focus on building community collaboration, discussion of environmental justice and climate issues, identifying service learning opportunities (to be conducted in year 2), and introducing the program and plan to the community.
- Monthly Virtual EJ Classes (6): USRT will host six virtual classes that are open to each member tribe. These calls will allow USRT and its partners to continue engaging with tribal youth and community members during the school year. At these virtual meetings, USRT or one of its partners will present to participants an environmental justice topic of discussion followed by a guided discussion. These classes will also be an opportunity for participants to learn about education and career opportunities.
- Monthly newsletters (8): USRT will publish eight newsletters focused on environmental justice, climate education, engagement, and career opportunities for tribal youth. The newsletters will also allow USRT to advertise for workshops, monthly calls, and internships.
- Program Evaluation (year 1): USRT will conduct a program evaluation for year one to determine successes, areas of improvement, potential obstacles, and solutions. This will be conducted internally through staff reviews and reports, as well as externally through community surveys.

Year Two (Oct 2024 - Oct 2025):

- On-reservation workshops (4): Building off of the workshops in year one, USRT will host an additional four workshops (one at each community) to further explore environmental justice topics with old and new tribal youth participants.
- Field Trips (4): USRT, along with its partners, will conduct four field trips/EJ camps focused on immersive environmental justice and climate change learning. This includes guided ecology hikes, testing water quality, testing air quality, touring labs at Boise State University, and participating in renewable energy demonstrations.
- Youth-Led Service Learning Activities (8): USRT will identify, along with the community, eight service learning opportunities in year one. During year two, USRT will work with student participants

to implement two service learning activities at each reservation (eight total). Youth-led service learning activities include: air quality monitoring, water quality testing, environmental justice presentations at the community center, and public-education campaigns on an environmental justice topic.

- Quarterly Virtual EJ Classes (4): USRT will host virtual classes that are open to each member tribe. These calls will allow USRT and its partners to continue engaging with tribal youth and community members during the school year. At these quarterly meetings, USRT or one of its partners will present an environmental justice topic of discussion for the participants followed by a guided discussion. These quarterly classes will also be an opportunity for participants to learn about education and career opportunities.
- Monthly newsletters (12): USRT will publish twelve newsletters focused on environmental justice and climate education, engagement, and career opportunities for tribal youth. These newsletters will also allow USRT to advertise for workshops, monthly calls, and internships.
- Program Evaluation (year 2): USRT will conduct a program evaluation for year two to determine successes, failures, potential obstacles, and solutions. This will be conducted internally through staff reviews and reports, as well as externally through community surveys.

Year Three (Oct 2025 - Oct 2026):

- Tribal Youth Internships (8): USRT and its partners will select eight tribal youth participants to participate in paid internships focused on environmental justice, climate change, and civic engagement. This offers the students applicable work experience in the field.
- Career-focused Field Work (4): USRT will work with its partners to conduct four career-focused field work experiences (one for each tribe).
- Quarterly Virtual EJ Classes (4): USRT will host virtual classes that are open to each member tribe. These calls will allow USRT and its partners to continue engaging with tribal youth and community members during the school year. At these virtual meetings, USRT or one of its partners will present an environmental justice topic of discussion for the participants followed by a guided discussion. These virtual calls will also be an opportunity for participants to learn about education and career opportunities.
- Monthly newsletters (12): USRT will publish twelve newsletters focused on environmental justice and climate education, engagement, and career opportunities for tribal youth. These newsletters will also allow USRT to advertise for workshops, monthly calls, and internships.
- Program Evaluation (year 3): USRT will conduct a program evaluation for year three to determine successes, failures, potential obstacles, and solutions. This will be conducted internally through staff reviews and reports, as well as externally through community surveys.

Milestone Schedule

M/Y	Event/Activity	EJ CPS Element	Participant
Oct-Nov 23	-Internal program preparation / training / acquire materials / stakeholder engagement plan	Element 1 (issue identification, visioning, and goal setting) Element 3 (develop multi-stakeholder partnerships and leveraging of resources)	USRT and Tribal Leadership
Dec 23	-Virtual kickoff meeting	Element 1 (issue identification, visioning, and goal setting) Element 3 (develop multi-stakeholder partnerships and leveraging of resources)	USRT & Partners[4]

[4] City of Boise, The Nature Conservancy (TNC), Friends of the Owyhees (FOTO), Idaho Conservation League (ICL), and Tribal Leadership/Educators

Jan 24	-Publish monthly newsletter	Element 2 (community capacity building gand leadership development) Element 4 (consensus building and dispute resolution) Element 5 (constructive engagement with other stakeholders)	USRT **Target Audience:** Tribal Youth, Community Members, and Leadership
Feb 24	-Schedule on-reservation workshops -Publish monthly newsletter	Element 1 (issue identification, visioning, and goal setting) Element 2 (community capacity building gand leadership development) Element 4 (consensus building and dispute resolution) Element 5 (constructive engagement with other stakeholders)	USRT / Tribal Educators **Target Audience:** Tribal Youth, Community Members, and Leadership
March 24	-1st virtual EJ/Climate call -Publish monthly newsletter	Element 2 (community capacity building gand leadership development) Element 4 (consensus building and dispute resolution) Element 5 (constructive engagement with other stakeholders)	USRT & COB **Target Audience:** Tribal Youth and Community Members
April 24	-2nd virtual EJ/Climate call -Publish monthly newsletter	Element 2 (community capacity building gand leadership development) Element 4 (consensus building and dispute resolution) Element 5 (constructive engagement with other stakeholders)	USRT & TNC **Target Audience:** Tribal Youth and Community Members
May 24	-3rd virtual EJ/Climate call -Publish monthly newsletter	Element 2 (community capacity building gand leadership development) Element 4 (consensus building and dispute resolution) Element 5 (constructive engagement with other stakeholders)	USRT & TNC **Target Audience:** Tribal Youth and Community Members
June 24	-4th virtual EJ/Climate call -Publish monthly newsletter -Host four community EJ workshop (1 at each community) - Identify service learning opportunities for year 2	Element 2 (community capacity building gand leadership development) Element 4 (consensus building and dispute resolution) Element 5 (constructive engagement with other stakeholders)	USRT & Partners **Target Audience:** Tribal Youth and Community Members
July 24	-5th virtual EJ/Climate call -Publish monthly newsletter -Host four community EJ workshop (1 at each community) - Identify service learning opportunities for year 2	Element 2 (community capacity building gand leadership development) Element 4 (consensus building and dispute resolution) Element 5 (constructive engagement with other stakeholders)	USRT & Partners **Target Audience**: Tribal Youth and Community Members
Aug 24	-6th virtual EJ/Climate call -Publish monthly newsletter -Year 1 program evaluation	Element 2 (community capacity building gand leadership development) Element 4 (consensus building and dispute resolution) Element 5 (constructive engagement with other stakeholders) Element 7 (evaluation)	USRT & FOTO **Target Audience:** Tribal Youth and Community Members
Oct 24	-Publish monthly newsletter -Program preparation for year 2	Element 2 (community capacity building gand leadership development) Element 4 (consensus building and dispute resolution) Element 5 (constructive engagement with other stakeholders)	USRT **Target Audience:** Tribal Youth and Community Members
Nov 24	-Publish monthly newsletter -Program preparation for year 2	Element 1 (issue identification, visioning, and goal setting) Element 2 (community capacity building gand leadership development) Element 4 (consensus building and dispute resolution) Element 5 (constructive engagement with other stakeholders)	USRT & TNC **Target Audience:** Tribal Youth and Community
Dec 24	-Publish monthly newsletter	Element 2 (community capacity building gand leadership development) Element 4 (consensus building and dispute resolution) Element 5 (constructive engagement with other stakeholders)	USRT & TNC **Target Audience:** Tribal Youth and Community Members
Jan 25	-Publish monthly newsletter	Element 2 (community capacity building gand leadership	USRT & Partners

	-1st virtual quarterly EJ/Climate call	development) Element 4 (consensus building and dispute resolution) Element 5 (constructive engagement with other stakeholders)	**Target Audience:** Tribal Youth and Community Members
Feb 25	-Publish monthly newsletter -Planning/prep for field trips	Element 1 (issue identification, visioning, and goal setting) Element 2 (community capacity building gand leadership development) Element 4 (consensus building and dispute resolution) Element 5 (constructive engagement with other stakeholders)	USRT **Target Audience:** Tribal Youth and Community Members
Mar 25	-Publish monthly newsletter -Planning/prep for field trips	Element 1 (issue identification, visioning, and goal setting) Element 2 (community capacity building gand leadership development) Element 4 (consensus building and dispute resolution) Element 5 (constructive engagement with other stakeholders)	USRT **Target Audience:** Tribal Youth and Community Members
Apr 25	-Publish monthly newsletter -Planning/prep for field trips	Element 1 (issue identification, visioning, and goal setting) Element 2 (community capacity building gand leadership development) Element 4 (consensus building and dispute resolution) Element 5 (constructive engagement with other stakeholders)	USRT **Target Audience:** Tribal Youth and Community Members
May 25	-Publish monthly newsletter -2nd virtual quarterly EJ/Climate call	Element 2 (community capacity building gand leadership development) Element 4 (consensus building and dispute resolution) Element 5 (constructive engagement with other stakeholders)	USRT & COB **Target Audience:** Tribal Youth and Community Members
June 25	-Publish monthly newsletter -Host two community workshops -Assist in four youth-led service learning activities (1 at each community) -Co-host 2 EJ field trips	Element 2 (community capacity building gand leadership development) Element 4 (consensus building and dispute resolution) Element 5 (constructive engagement with other stakeholders)	USRT, TNC, ICL **Target Audience:** Tribal Youth and Community Members
July 25	-Publish monthly newsletter -Host two community workshops -Assist in four youth-led service learning activities (1 at each community)	Element 2 (community capacity building gand leadership development) Element 4 (consensus building and dispute resolution) Element 5 (constructive engagement with other stakeholders)	USRT, TNC, ICL **Target Audience:** Tribal Youth and Community Members
Aug 25	-Publish monthly newsletter -Co-host 2 EJ field trips	Element 2 (community capacity building gand leadership development) Element 4 (consensus building and dispute resolution) Element 5 (constructive engagement with other stakeholders)	USRT **Target Audience:** Tribal Youth and Community Members
Sept 25	-Publish monthly newsletter -Year 2 program evaluation - 3rd virtual quarterly EJ/Climate call	Element 2 (community capacity building gand leadership development) Element 4 (consensus building and dispute resolution) Element 5 (constructive engagement with other stakeholders) Element 7 (evaluation)	USRT & TNC **Target Audience:** Tribal Youth and Community Members
Oct 25	-Publish monthly newsletter -Begin outreach for youth internship opportunities	Element 2 (community capacity building gand leadership development) Element 4 (consensus building and dispute resolution) Element 5 (constructive engagement with other stakeholders)	USRT **Target Audience:** Tribal Youth and Community Members
Nov 25	-Publish monthly newsletter -Interviews for youth internship opportunities	Element 2 (community capacity building gand leadership development) Element 4 (consensus building and dispute resolution) Element 5 (constructive engagement with other stakeholders)	USRT, TNC, ICL **Target Audience:** Tribal Youth and Community Members
Dec 25	-Publish monthly newsletter -Select eight tribal youth to participate in internship opportunities	Element 2 (community capacity building gand leadership development) Element 4 (consensus building and dispute resolution)	USRT, TNC, ICL **Target Audience:** Tribal Youth and Community

		Element 5 (constructive engagement with other stakeholders)	Members
Jan 26	-Publish monthly newsletter -Internships begin -5th virtual quarterly EJ/Climate call	Element 2 (community capacity building gand leadership development) Element 4 (consensus building and dispute resolution) Element 5 (constructive engagement with other stakeholders)	USRT & Partners **Target Audience:** Tribal Youth and Community Members
Feb 26	-Publish monthly newsletter -Internship support	Element 2 (community capacity building gand leadership development) Element 4 (consensus building and dispute resolution) Element 5 (constructive engagement with other stakeholders)	USRT & Partners **Target Audience:** Tribal Youth and Community Members
March 26	-Publish monthly newsletter -Internship support -Planning/Preparation for field trips	Element 1 (issue identification, visioning, and goal setting) Element 2 (community capacity building gand leadership development) Element 4 (consensus building and dispute resolution) Element 5 (constructive engagement with other stakeholders)	USRT & Partners **Target Audience:** Tribal Youth and Community Members
April 26	-Publish monthly newsletter -Internship support -Planning/Preparation for field trips	Element 1 (issue identification, visioning, and goal setting) Element 2 (community capacity building gand leadership development) Element 4 (consensus building and dispute resolution) Element 5 (constructive engagement with other stakeholders)	USRT & Partners **Target Audience:** Tribal Youth and Community Members
May 26	-Publish monthly newsletter -Internship support -6th virtual quarterly EJ/Climate call	Element 2 (community capacity building gand leadership development) Element 4 (consensus building and dispute resolution) Element 5 (constructive engagement with other stakeholders)	USRT & Partners **Target Audience:** Tribal Youth and Community Members
June 26	-Publish monthly newsletter -Internship support -Two careers focused field activities	Element 2 (community capacity building gand leadership development) Element 4 (consensus building and dispute resolution) Element 5 (constructive engagement with other stakeholders)	USRT & FOTO **Target Audience:** Tribal Youth
July 26	-Publish monthly newsletter -Internship support -Two careers focused field activities	Element 2 (community capacity building gand leadership development) Element 4 (consensus building and dispute resolution) Element 5 (constructive engagement with other stakeholders)	USRT & FOTO **Target Audience:** Tribal Youth
Aug 25	-Publish monthly newsletter -Internship support / closeout	Element 2 (community capacity building gand leadership development) Element 4 (consensus building and dispute resolution) Element 5 (constructive engagement with other stakeholders)	USRT & Partners **Target Audience:** Tribal Youth and Community Members
Sept 26	-Publish monthly newsletter -7th virtual quarterly EJ/Climate call -Year 3 program evaluation	Element 2 (community capacity building gand leadership development) Element 4 (consensus building and dispute resolution) Element 5 (constructive engagement with other stakeholders) Element 7 (evaluation)	USRT & Partners **Target Audience:** Tribal Youth and Community Members
Oct 26	-Grant Period Closes -Close out reporting -Year 3 program evaluation	Element 7 (evaluation)	USRT

Budget Narrative and Itemized Sheet

The Budget Narrative and Itemized Sheet has been included in the attachments sections as directed by the grant guidance.

3.0 ENVIRONMENTAL RESULTS

Outputs, Outcomes, and Performance Measures

Environmental Results (Logic Model)

The Environmental Results Logic Model has been included as an attachment as directed by the grant guidelines.

Performance Measurement Plan

The program performance will be measured by determining whether the three core goals that guide this work are met. Performance indicators are identified and outlined next to their corresponding output. Further details on the outputs, outcomes, and activities can be found in the above section.

GOAL #1: Improve EJ Literacy of Tribal Youth

Output	**Performance Indicator**
Partnership Collaboration	Identify needs, approach, and engagement plan
Workshops 1-8	Improved EJ literacy
Virtual EJ & Climate Classes	Improved EJ literacy and increase connections between tribal youth and USRT's partners
Monthly Newsletters	Publication of 32 newsletters over the course of the three-year program Increased engagement with tribal youth and members throughout the year

GOAL #2: Authentically Engage Tribal Youth to Local and Regional EJ Issues

Output	**Performance Indicator**
Service Learning Activities 1-4	Successful completion of four service learning activities at each tribe. Increased engagement between youth and community members on EJ topics.
EJ-focused Field Trips 1-4	Increased tribal youth participation in in-the-field EJ activities.
Monthly Newsletters	Publication of 32 newsletters over the course of the three-year program Increased engagement with tribal youth and members throughout the year
Virtual EJ & Climate Classes	Improved EJ literacy and increase connections between tribal youth and USRT's partners

GOAL #3: Empower TribalYouth to Take Action Through Career & Workforce Development

Output	**Performance Indicator**
Career-focused Field Trips 1-4	Increased tribal youth participation in in-the-field workforce development / EJ activities.
Partnership Internships (eight students)	Increased tribal youth participation in workforce development activities.

Sustainability Plan and Community Vision

It is a priority for USRT to make this program sustainable in the long term. USRT's previous projects have each been building blocks to creating a healthier, more resilient community. USRT's previous work with outreach and education has been focused on strengthening unity among the tribal community regarding climate change. USRT will build off the momentum of this program by identifying more funding opportunities, empowering the tribes to take ownership of this program, and building community support for the long-term sustainability of environmental justice youth programming. Current initiatives include building and fostering relationships with education staff and parents, hosting and implementing climate-focused field trips and camps, co-developing on-reservation workshops, and exploring opportunities to implement USRT's climate curriculum in the fall of 2023. Through this process, USRT staff have trusted relationships with educators, parents, and youth who have voiced their support for youth-centered programming.

The USRT tribes have a vested interest in sustaining youth programs for a number of reasons, which include: 1) cultivating future tribal leaders, 2) empowering youth to continue their education beyond high school, 3) developing technical experts in the climate sciences to assist their tribes with climate resilience, 4) maintaining and continuing cultural practices for future generations, and most importantly, 5) providing tribal youth a strong foundation for their transition to adulthood and becoming positive and productive members of their communities.

The process of engaging with tribal communities, empowering youth, and sustaining youth programming can be modeled by other communities and organizations across the nation. Engaging with tribal communities requires a unique approach due to cultural differences in communication and education. USRT's program materials and curriculum may also be utilized by other tribes as they are specific to a tribal audience.

4.0 PROGRAMMATIC CAPABILITY

Organizational Experience

USRT has successfully implemented climate-focused programs for the last eight years. Furthermore, USRT is a trusted community organization for the tribes and has demonstrated over two decades of successful tribal engagement efforts. USRT's current Climate Outreach and Education Program has been immensely successful and is something the tribal leadership is passionate about continuing. Furthermore, USRT has demonstrated an ability to adapt to the unique needs of each community. For example, during the COVID-19 pandemic, USRT converted its climate curriculum into a hybrid format, which allowed us to still educate tribal youth on climate issues. Additionally, USRT successfully brought 20 tribal youth to Boise for an immersive climate camp in August of 2022. USRT has also successfully implemented two spring break field trips in March and April of 2023, which brought 14 tribal students and two tribal members to Boise to learn about climate change and how it relates to snow-science. Lastly, USRT has developed on-reservation workshops at each community for the summer of 2023, as well as a Tribal Youth Climate camp for ages 11-14 in June of 2023 and a Climate Career Camp for ages 15-18 in July of 2023. Through our most recent youth and community engagement efforts, USRT has created strong, trusted relationships with parents, education staff, and youth at each tribe.

Staff Experience / Qualifications of Project Manager

Project Manager: Zoe Roberts, Environmental Program Director, has successfully implemented USRT's Climate Education and Outreach Program from 2021 to present, including planning and implementing USRT's first ever climate camp. Ms. Roberts has four years of combined project management experience, experience as a teaching assistant and tutor, and has built trusted relationships with tribal leaderships and community members.

Project Coordinator: Rhys Kutschbach, Outreach and Education Coordinator, has a background in education and youth engagement. They participated in 10 youth day camps focusing on STEM, taught and led classroom lessons on environmental science, tutored and assisted kindergartners in reading comprehension for Art Space Charter, and taught English as a second language to students ranging from 7-70 years old. Mx. Kutschbach has also successfully implemented or prepared for USRT's spring break field trips (March & April 2023), Summer Camps (summer 2023), on-reservation workshops (summer 2023), and climate curriculum implementation (fall 2023).

Expenditure of Awarded Grant Funds

USRT has demonstrated fiscal responsibility in expending grant funds from the EPA, the Bureau of Indian Affairs, Bonneville Power Administration, the U.S. Geological Survey, and various non-governmental grantors. USRT staff have experience submitting necessary financial documents and reports to EPA staff, as well as invoicing appropriately in ASAP. USRT financial management follows these guidelines:

1. Establish grant tracking guidelines based on award requirements, including establishing excel tracking sheets.
2. USRT staff keeps record of the grant and track expenses for each transaction.
3. The Executive Director must approve all purchases for the program.
4. Three to four USRT employees review the bank statement and ensure the grant funds are tracked accordingly every month.
5. USRT reimburses itself for any expenses through ASAP at the end of each month.
6. USRT contracts an accountant who reviews the bank statements each month and provides monthly/quarterly financial reports, which are then shared with the USRT Commission.

5.0 PAST PERFORMANCE

List of Funded Programs

Funder	Program	Status	Reporting History
Environmental Protection Agency (EPA)	General Assistance Program (GAP)	Active	USRT has received EPA GAP funding since 2012. USRT's Environmental Program Director submits quarterly reports to our EPA Project Officer. These reports have always been submitted on time and in the appropriate format. These include all work completed in that quarter as well as plans for the following quarter. EPA requires final annual reports and SF424's at the end of the grant cycle.

Bureau of Indian Affairs (BIA)	Climate Resiliency	Active	USRT's Environmental Program Director submits quarterly reports using the BIA's online reporting tool (grantsolutions.gov). These reports are submitted on time and in the correct format. These include plans for the following quarter, as well as SF424 reports. Annual reports are submitted at the end of the grant period.
Bonneville Power Administration (BPA)	Columbia Basin Coordination	Active	USRT submits detailed invoices monthly to BPA and also submits quarterly reports to BPA via cbfish.org.Additionally, BPA reviews USRT's performance annually through an extensive review of our work products and deliverables.
Oregon Community Foundation (OCF)	Community Grants	Active	OCF requires USRT to submit a final report at the end of the grant cycle (August 2023). USRT tracks progress on this project through internal monthly reporting.
U.S. Geological Survey (USGS)	Northwest Climate Adaptation Science Center	Active	USRT's Executive Director submits invoices for this grant every month. This grant does not require monthly or quarterly reporting, but progress is tracked by USRT Environmental Program Director through monthly reports.

6.0 QUALITY ASSURANCE PROJECT PLAN

USRT's project will not require the development of a Quality Assurance Project Plan (QAPP) as we are not gathering new environmental data. USRT's project seeks to utilize existing, peer-reviewed data on environmental justice and climate to educate tribal youth. USRT will accomplish this program by leveraging the existing knowledge and expertise brought by our own staff and partnering organizations.

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Brooklyn Communities Collaborative

Address: 4802 Tenth Avenue

City: Brooklyn

State: NY: New York Zip Code: 11219

B. Unique Entity Identifier (UEI): LRXYC8FM62A1

C. Applicant/Recipient Point of Contact

Name: Gretchen Susi

Phone: Ex. 6 Personal Privacy (PP)

Email: gsusi@maimonidesmed.org

Title: Deputy Director

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

NA

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

NA

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

NA

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII.	**Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)**	☒ Yes	☐ No
	a. Do the methods of notice accommodate those with impaired vision or hearing?	☐ Yes	☒ No
	b. Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?	☐ Yes	☒ No
	c. Does the notice identify a designated civil rights coordinator?	☐ Yes	☒ No
VIII.	**Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))**	☒ Yes	☐ No
IX.	**Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))**	☒ Yes	☐ No

X. If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.

NA

XI. If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.

NA

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Alison Feuer	Executive Director	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Ms. First Name: Shari Middle Name:
Last Name: Suchoff Suffix:
Title: Executive Director

Complete Address:

Street1: Brooklyn Communities Collaborative
Street2: 4802 Tenth Avenue
City: Brooklyn State: NY: New York
Zip / Postal Code: 11219 Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**
E-mail Address: ssuchoff@maimonidesmed.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: Ms. First Name: Shari Middle Name:
Last Name: Suchoff Suffix:
Title: Executive Director

Complete Address:

Street1: Brooklyn Communities Collaborative
Street2: 4802 Tenth Avenue
City: Brooklyn State: NY: New York
Zip / Postal Code: 11219 Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**
E-mail Address: ssuchoff@maimonidesmed.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: Ms. First Name: Alison Middle Name:
Last Name: Borkowsky Suffix:
Title: Director of Programs and Development

Complete Address:

Street1: Brooklyn Communities Collaborative
Street2: 4802 Tenth Avenue
City: Brooklyn State: NY: New York
Zip / Postal Code: 11219 Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**
E-mail Address: alfeuer@maimonidesmed.org

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** Dr. **First Name:** Gretchen **Middle Name:** E

Last Name: Susi **Suffix:** Ph.D.

Title: Deputy Director

Complete Address:

Street1: Brooklyn Communities Collaborative

Street2: 4802 Tenth Avenue

City: Brooklyn **State:** NY: New York

Zip / Postal Code: 11219 **Country:** USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address:

EPA Form 5700-54 (Rev 4-02)

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Brooklyn Communities Collaborative

1234-BCC EPA Narrative.pdf
application/pdf
fpBkDSlUpRvOqQJYu0rYoXa8jzI=

1235-BCC attachments-EPA-OEJECR-OCS-23-01.pdf
application/pdf
fdf2UpRLiINh4SKrHlMCLLGuiU8=

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Application
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2023-04-14
Brooklyn Communities Collabora
84-5090998
GE147008
Brooklyn Communities Collaborative
84-5090998
LRXYC8FM62A1
4802 Tenth Avenue
Brooklyn
NY: New York
11219-2916
USA: UNITED STATES

Brooklyn Communities Collab.
Dr.
Gretchen
E.
Susi
Ph.D.

Deputy Director
Brooklyn Communities Collaborative
EX. 6 - Personal Privacy (PP)
gsusi@maimonidesmed.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
1236-Project Location.pdf
application/pdf
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Brooklyn Communities Collaborative: Health + Wealth Domain

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8, 9
2023-11-01
2026-10-31
500000.00
0.00
0.00
0.00
0.00
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500000.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Ms.
Shari
Suchoff

Executive Director
EX. 6 - Personal Privacy (PP)
ssuchoff@maimonidesmed.org
Alison Feuer
2023-04-14

Ms.
Shari
Suchoff

Executive Director
Brooklyn Communities Collaborative
4802 Tenth Avenue
Brooklyn
NY: New York
11219
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
ssuchoff@maimonidesmed.org

Ms.
Shari
Suchoff

Executive Director
Brooklyn Communities Collaborative
4802 Tenth Avenue
Brooklyn
NY: New York
11219
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
ssuchoff@maimonidesmed.org

Ms.
Alison
Borkowsky

Director of Programs and Development
Brooklyn Communities Collaborative
4802 Tenth Avenue
Brooklyn
NY: New York
11219
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
alfeuer@maimonidesmed.org

Dr.
Gretchen
E
Susi
Ph.D.

Deputy Director
Brooklyn Communities Collaborative
4802 Tenth Avenue
Brooklyn
NY: New York
11219
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)

Brooklyn Communities Collaborative
4802 Tenth Avenue
Brooklyn
NY: New York
11219

LRXYC8FM62A1
Gretchen Susi
Ex. 6 Personal Privacy (PP)
gsusi@maimonidesmed.org
Deputy Director
N: No
NA
NA
NA
N: No
Y: Yes
N: No
N: No
N: No
Y: Yes
Y: Yes

NA
NA
Alison Feuer
Executive Director
2023-04-14

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2023-04-14T17:18:22.000-04:00
Alison Feuer
GRANT13861739

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier: Brooklyn Communities Collabora

5a. Federal Entity Identifier: 84-5090998

5b. Federal Award Identifier: GE147008

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Brooklyn Communities Collaborative

* b. Employer/Taxpayer Identification Number (EIN/TIN): 84-5090998

* c. UEI: LRXYC8FM62A1

d. Address:

* Street1: 4802 Tenth Avenue
Street2:
* City: Brooklyn
County/Parish:
* State: NY: New York
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 11219-2916

e. Organizational Unit:

Department Name: Brooklyn Communities Collab.

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Dr.
* First Name: Gretchen
Middle Name: E.
* Last Name: Susi
Suffix: Ph.D.

Title: Deputy Director

Organizational Affiliation: Brooklyn Communities Collaborative

* Telephone Number: Ex. 6 - Personal Privacy (PP)
Fax Number:

* Email: gsusi@maimonidesmed.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

1236-Project Location.pdf | Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Brooklyn Communities Collaborative: Health + Wealth Domain

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: 12

* b. Program/Project: 8, 9

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023

* b. End Date: 10/31/2026

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	500,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Ms.

* First Name: Shari

Middle Name:

* Last Name: Suchoff

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 - Personal Privacy (PP)

Fax Number:

* Email: ssuchoff@maimonidesmed.org

* Signature of Authorized Representative: Alison Feuer

* Date Signed: 04/14/2023

Attachment 1: Itemized Budget Sheet

	Description	Total
Personnel	• Two Project Managers @$80,000 annual salary X 25% of time on project = $120,000 for three years • Communications Manager @80,000 annual salary X 15% of time on project = $36,000 for three years	$156,000
Fringe Benefits	• 30% of salary for above staff (includes medical, dental, life insurance, retirement benefits) = $46,800 for three years	$46,800
Travel	None	$0
Equipment	None	$0
Supplies	None	$0
Contractual	• Project management and facilitation support = $90,000 • Material design and printing = $1,600 • Building auditing and process management = $55,000	$146,600
Indirect Costs	• 10% of Salaries and Wages	$15,600
Other	• Subaward to East New York Restoration Corporation for community engagement = $90,000 • Subaward to Hunter College for student outreach = $45,000	$135,000
Total		$500,000

Attachment 2: Logic Model

Brooklyn Communities Collaborative: **Health + Wealth Domain**

Resources / Inputs	**Activities**	**Outputs**	**Audience**	**Short-term Outcomes** (6 - 12 months)	**Intermediate Outcomes** (12 - 24 months)	**Long-term Outcomes** (2+ years)
• Staff-time • Partnering organizations supporting stakeholder engagement / organizing • Contractors auditing buildings in the pilot • Additional grants / funds identified for capital improvements • Findings from prior Participatory Action Research, data from healthcare institutions	• Connect public health/building data, identify targets; develop program evaluation methodology • Develop materials for and engage: general public, building owners, building tenants • Assess buildings in target area, capture "value proposition," and identify potential capital funding sources • Strategize alternative means of accountability for tenants in building improvements	• Framework for tracking impact of building improvements on health, care cost savings • At least 50 bldgs targeted • 300 residents engaged in general program outreach • Outreach to 25 building owners to consider pilot • 4 buildings complete pilot assessment • ~100 tenants in pilot reached through door-to-door outreach • Policy brief about the value of potential improvements and tools to protect tenants	• Community residents, residents of key buildings • Local partners • Building owners, developers, facilities managers • University research partners • Hospital / healthcare organizations • Policymakers at local, state, and federal levels	• Increase in number of residents aware of / engaged around building quality (target=400 residents) • Increase in number of building owners, managers aware of indoor air / energy efficient investments (target=40) • Increase in awareness among policymakers of the challenges facing renters in buildings that invest in energy efficiency (target=5 agency / elected officials)	• Increase in number and degree of building maintenance / improvements undertaken and inclusion of tenant protections • Increase in demands from policymakers, tenants, and environmental advocates for tenant protections alongside building improvements	• Decrease in GHG emissions, hospital visits for asthma-related illnesses among tenants in pilot project • Development of new policy terms that encourage investments in multi-family buildings, without resident displacement • Increase in number of healthy homes in key project area, decrease in asthma-related hospital visits, measurable cost-savings to hospitals (4+ years)



April 14, 2023

US Environmental Protection Agency
Office of Environmental Justice and External Civil Rights

To Whom It May Concern:

East New York Restoration Local Development Corporation (ENYR) is pleased to support Brooklyn Communities Collaborative's (BCC) application for the Environmental Protection Agency's *Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program.*

ENYR's mission is to promote sustainable economic growth for all community businesses, foster prosperity for all community residents, and lead a Renaissance in East New York. ENYR's vision is to ensure direct access to local employment opportunities, provide on-going small business support, and lead neighborhood enhancement through an array of community development initiatives. ENYR is also committed to making East New York Clean & Green. Through our Green Champions program young people have learned about renewable energy and built a solar-powered shed; attended solar installation classes; learned how to recycle and held Earth Day teach-ins.

BCC is a non-profit 501c3 organization that envisions a Brooklyn where all communities are healthy, economically sound, culturally vibrant, and civically engaged. Launched in 2019 in collaboration with longtime Brooklyn community leaders, BCC seeks to tangibly improve health and wealth in the Brooklyn neighborhoods where the intersection of poor health outcomes and racial inequity is most evident. BCC's approach and strategy is directly informed and guided by seven years of participatory action research (PAR) efforts, its key practice for harnessing community insight to solve problems and implement solutions. This drives targeted efforts to address structural conditions through the anchor mission approach, which calls on large institutions with deep community roots to leverage their economic power to benefit the communities in which they serve.

BCC, ENYR and partners are uniquely positioned to address this complex challenge, creating a blueprint that can be replicated nationwide. Organizations like ours provide critical

opportunities for stakeholders across sectors to address the complex conditions that have led to disparities in environmental quality and in health outcomes. BCC and partners are known for meeting people where they are, galvanizing stakeholders through community-based participatory research, and supporting collaboration and ensuring community voice and decision-making power that leads to measurable improvements in health and wellbeing.

ENRY was BCC's partner in launching the Fellowship for Property Management and Stewardship of a Healthy Built Environment, a successful pilot that is becoming a program. We have been an important community voice in the formation of BCC's proposal for the Health and Wealth Domain and at the forefront of advocating to address the need for work among community-based organizations, building owners and facilities managers, healthcare institutions, and universities to identify critical sources of air pollution and mold that, with investments in remediation and technology, have the potential for outsized impact on environmental health. Our project is designed to build a model of community planning and investment, and that it will serve as a platform for undertaking other projects to realize community health goals, reduce greenhouse gas emissions, and increase community climate resilience.

ENRY looks forward to collaborating with BCC and partners as we address long-standing environmental and health disparities and create models for environmental justice and community health, wellbeing and wealth-building.

Sincerely,

Colette Pean
Executive Director
cpean@enyrestoration.org

OBH One Brooklyn Health

Brookdale
1 Brookdale Plaza
Brooklyn, NY 11212
Ex. 6 Personal Privacy (PP)

Interfaith
1545 Atlantic Avenue
Brooklyn, NY 11213
Ex. 6 Personal Privacy (PP)

Kingsbrook
585 Schenectady Avenue
Brooklyn, NY 11203
Ex. 6 Personal Privacy (PP)

Alternative Housing
1366 East New York Avenue
Brooklyn, NY 11212
Ex. 6 Personal Privacy (PP)

Bedford Avenue Dental
1536 Bedford Avenue
Brooklyn, NY 11216
Ex. 6 Personal Privacy (PP)

BFCC Bristol
1235 Linden Blvd.
Brooklyn, NY 11212
Ex. 6 Personal Privacy (PP)

BFCC Eastern Parkway
1883 Eastern Parkway
Brooklyn, NY 11233
Ex. 6 Personal Privacy (PP)

BFCC Linden
2554 Linden Blvd
Brooklyn, NY 11208
Ex. 6 Personal Privacy (PP)

BFCC New Lots
465 New Lots Avenue
Brooklyn, NY 11207
Ex. 6 Personal Privacy (PP)

BFCC Pennsylvania
1110 Pennsylvania Avenue
Brooklyn, NY 11207
Ex. 6 Personal Privacy (PP)

BHP
1038 Broadway
Brooklyn, NY 11221
Ex. 6 Personal Privacy (PP)

Bishop Orris G. Walker Health Center
528 Prospect Place
Brooklyn, NY 11238
Ex. 6 Personal Privacy (PP)

MMTP and Primary Care
880/882 Bergen Street
Brooklyn, NY 11238
Ex. 6 Personal Privacy (PP)

Pierre Toussaint Family Health Center
1110 Eastern Parkway
Brooklyn, NY 11213
Ex. 6 Personal Privacy (PP)

Rutland Nursing Home
1 David Minkin Plaza
Brooklyn, NY 11203
Ex. 6 Personal Privacy (PP)

Schulman & Schachne Institute for Nursing & Rehabilitation
555 Rockaway Parkway
Brooklyn, NY 11212
Ex. 6 Personal Privacy (PP)

Urgent Care
1235 Linden Blvd
Brooklyn, NY 11212
Ex. 6 Personal Privacy (PP)

April 13, 2023

US Environmental Protection Agency
Office of Environmental Justice and External Civil Rights

To Whom It May Concern:

I am writing to express the support of One Brooklyn Health System, Inc. for the application from Brooklyn Communities Collaborative (BCC) for funding through the Environmental Protection Agency's *Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program.*

One Brooklyn Health System, Inc. (OBHS) is a not-for-profit, tax-exempt corporation licensed under Article 28 of the Public Health Law. OBHS is the NYS Department of Health approved co-operator of Brookdale University Hospital Medical Center, Interfaith Medical Center, and Kingsbrook Jewish Medical Center. OBHS seeks to preserve and enhance access to health care services in Brooklyn by coalescing the separate hospitals and their governed affiliates into a sustainable, quality integrated health system. The OBHS mission is to provide greater access to high-quality health care, keep our communities healthy through an integrated delivery system that respects the diversity of our communities, and addresses both the health needs and unique factors that shape them.

Rates of asthma and illnesses related to poor air quality in the borough of Brooklyn are highest in the neighborhoods of Brownsville and East York, where BCC's work is focused. BCC and its partners play critical roles in Brooklyn, and working together in collaboration, we are uniquely positioned to address this complex challenge, creating a blueprint that can be replicated nationwide. Organizations like BCC and its partners provide critical opportunities for stakeholders across sectors to address the complex conditions that have led to disparities in environmental quality and in health outcomes. BCC and partners are known for meeting people where they are, galvanizing stakeholders through community-based participatory research, and supporting collaboration and ensuring community voice and decision-making power that leads to measurable improvements in health and wellbeing.

One Brooklyn Health

Brookdale
1 Brookdale Plaza
Brooklyn, NY 11212
Ex. 6 Personal Privacy (PP)

Interfaith
1545 Atlantic Avenue
Brooklyn, NY 11213
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Kingsbrook
585 Schenectady Avenue
Brooklyn, NY 11203
Ex. 6 Personal Privacy (PP)

Alternative Housing
1366 East New York Avenue
Brooklyn, NY 11212
Ex. 6 Personal Privacy (PP)

Bedford Avenue Dental
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Brooklyn, NY 11216
Ex. 6 Personal Privacy (PP)

BFCC Bristol
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Brooklyn, NY 11212
Ex. 6 Personal Privacy (PP)

BFCC Eastern Parkway
1883 Eastern Parkway
Brooklyn, NY 11233
Ex. 6 Personal Privacy (PP)

BFCC Linden
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Brooklyn, NY 11208
Ex. 6 Personal Privacy (PP)

BFCC New Lots
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Brooklyn, NY 11207
Ex. 6 Personal Privacy (PP)

BFCC Pennsylvania
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Brooklyn, NY 11207
Ex. 6 Personal Privacy (PP)

BHP
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Brooklyn, NY 11221
Ex. 6 Personal Privacy (PP)

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Brooklyn, NY 11238
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MMTP and Primary Care
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Brooklyn, NY 11238
Ex. 6 Personal Privacy (PP)

Pierre Toussaint Family Health Center
1110 Eastern Parkway
Brooklyn, NY 11213
Ex. 6 Personal Privacy (PP)

Rutland Nursing Home
1 David Minkin Plaza
Brooklyn, NY 11203
Ex. 6 Personal Privacy (PP)

Schulman & Schachne Institute for Nursing & Rehabilitation
555 Rockaway Parkway
Brooklyn, NY 11212
Ex. 6 Personal Privacy (PP)

Urgent Care
1235 Linden Blvd
Brooklyn, NY 11212
Ex. 6 Personal Privacy (PP)

BCC's proposal for the Health and Wealth Domain will address the need for work among community-based organizations, building owners and facilities managers, healthcare institutions, and universities to identify critical sources of air pollution and mold that, with investments in remediation and technology, have the potential for outsized impact on environmental health. We understand that the project is designed to build a model of community planning and investment, and that it will serve as a platform for undertaking other projects to realize community health goals, reduce greenhouse gas emissions, and increase community climate resilience.

My office looks forward to collaborating with BCC and other partners so that, together, we can tackle long-standing environmental and health disparities and create a replicable model for environmental justice and community wealth-building.

Sincerely,

LaRay Brown
Chief Executive Officer, One Brooklyn Health

MONADNOCK
DEVELOPMENT

April 14, 2023

US Environmental Protection Agency
Office of Environmental Justice and External Civil Rights

To Whom It May Concern:

I am pleased to submit this letter of support on behalf of Brooklyn Communities Collaborative (BCC) in response to their application for the Environmental Protection Agency's *Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program.*

BCC is a non-profit 501c3 organization that envisions a Brooklyn where all communities are healthy, economically sound, culturally vibrant, and civically engaged. Launched in 2019 in collaboration with longtime Brooklyn community leaders, BCC seeks to tangibly improve health and wealth in the Brooklyn neighborhoods where the intersection of poor health outcomes and racial inequity is most evident. BCC's approach and strategy is directly informed and guided by seven years of participatory action research (PAR) efforts, its key practice for harnessing community insight to solve problems and implement solutions. This drives targeted efforts to address structural conditions through the anchor mission approach, which calls on large institutions with deep community roots to leverage their economic power to benefit the communities in which they serve.

BCC's work is focused in Brownsville and East York, Brooklyn where our company develops and manages residential buildings. BCC and its partners play critical roles in Brooklyn, and working together in collaboration, they are uniquely positioned to address this complex challenge, creating a blueprint that can be replicated nationwide. Organizations like BCC and its partners provide critical opportunities for stakeholders across sectors to address the complex conditions that have led to disparities in environmental quality and in health outcomes. BCC and partners are known for meeting people where they are, galvanizing stakeholders through community-based participatory research, and supporting collaboration and ensuring community voice and decision-making power that leads to measurable improvements in health and wellbeing.

BCC's proposal for the Health and Wealth Domain will address the need for work among community-based organizations, building owners and facilities managers, healthcare institutions, and universities to identify critical sources of air pollution and mold that, with investments in remediation and technology, have the potential for outsized impact on environmental health. We understand that the project is designed to build a model of community planning and investment, and that it will serve as a platform for undertaking other projects to realize community health goals, reduce greenhouse gas emissions, and increase community climate resilience.

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MONADNOCK
DEVELOPMENT

I look forward to collaborating with BCC and partners as we address long-standing environmental and health disparities and create models for environmental justice and community health, wellbeing and wealth-building.

Sincerely,

Kirk Goodrich
President

ED_016126_00000718-00008

HUNTER URBAN POLICY & PLANNING
shaping the city since 1965

Department of Urban Policy and Planning

April 14, 2023

US Environmental Protection Agency
Office of Environmental Justice and External Civil Rights

To Whom It May Concern:

We are pleased to submit this letter on behalf of Brooklyn Communities Collaborative (BCC) in support of their application for the Environmental Protection Agency's *Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program.*

BCC is a non-profit 501c3 organization that envisions a Brooklyn where all communities are healthy, economically sound, culturally vibrant, and civically engaged. Launched in 2019 in collaboration with longtime Brooklyn community leaders, BCC seeks to tangibly improve health and wealth in the Brooklyn neighborhoods where the intersection of poor health outcomes and racial inequity is most evident. BCC's strategy is directly informed and guided by seven years of participatory action research (PAR) efforts, its key practice for harnessing community insight to solve problems and implement solutions. This drives targeted efforts to address structural conditions through the anchor mission approach, which calls on large institutions with deep community roots to leverage their economic power to benefit the communities in which they serve.

As faculty members in Hunter College's Department of Urban Policy and Planning, we currently partner with BCC on a project funded by the Ewing Marion Kauffman Foundation as part of its Community Engaged Research Portfolio. The effort is intended to research and promote Black entrepreneurship in the neighborhoods served by BCC member hospitals. Our goal is to build and grow locally owned enterprises by engaging them to participate more actively in the hospitals' supply chains. Participatory Action Research (PAR) is key to our approach. The work we do with BCC draws on our strong track records of research and community service and spills over into our engagement with students of policy and planning (Hunter College's Master of Urban Planning program is CUNY's only nationally accredited planning program). One of the assets we bring to BCC's work is experience in mobilizing knowledge through the publication and dissemination of research results and policy recommendations.

The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program would provide an outstanding opportunity for us to deepen our existing relationship with BCC and its partners. The Health and Wealth Domain that BCC is proposing will address a need to identify critical sources of air pollution and mold in the built environment and to galvanize investments in remediation and technology that have the potential to make an outsized impact on environmental health as they create local jobs. We are excited about the project's model of community planning and investment, and about its potential to serve as a platform for other comprehensive efforts to achieve community health goals, reduce greenhouse gas emissions, and increase community climate resilience.

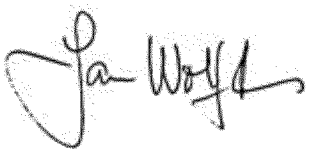
Hunter College of The City University of New York, 695 Park Avenue, Room W1611, New York, NY 10065

Phone: Ex. 6 - Personal Privacy (PP) fax: Ex. 6 - Personal Privacy (PP)

We would be delighted to participate in the community-engaged research at the center of the project and are also enthusiastic about helping to disseminate the knowledge gained from this important work.

BCC and its partners are known for meeting people where they are, motivating stakeholders through participatory research, and ensuring that community voice and decision-making power leads to measurable improvements in health and wellbeing. We look forward to further collaborating with them as part of the EPA's Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program.

Sincerely,



Laura Wolf-Powers
Associate Professor of Urban Studies and Planning
Hunter College, City University of New York

Sigmund Shipp
Associate Professor of Urban Studies and Planning
Hunter College, City University of New York

Hunter College of The City University of New York, 695 Park Avenue, Room W1611, New York, NY 10065

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Maureen Tomlinson
Julio Vives
Mary Wilsie
Ray Wilson
Noreen Wray

1199SEIU
United Healthcare Workers East

April 14, 2023

US Environmental Protection Agency
Office of Environmental Justice and External Civil Rights

To Whom It May Concern:

1199-SEIU is pleased to submit this letter of support on behalf of Brooklyn Communities Collaborative (BCC) in response to their application for the Environmental Protection Agency's *Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program.*

BCC is a non-profit 501c3 organization that envisions a Brooklyn where all communities are healthy, economically sound, culturally vibrant, and civically engaged. Launched in 2019 in collaboration with longtime Brooklyn community leaders, BCC seeks to tangibly improve health and wealth in the Brooklyn neighborhoods where the intersection of poor health outcomes and racial inequity is most evident. BCC's approach and strategy is directly informed and guided by seven years of participatory action research (PAR) efforts, its key practice for harnessing community insight to solve problems and implement solutions. This drives targeted efforts to address structural conditions through the anchor mission approach, which calls on large institutions with deep community roots to leverage their economic power to benefit the communities in which they serve.

Rates of asthma and illnesses related to poor air quality both in- and outdoors are the worst in the neighborhoods of Brownsville and East York, Brooklyn where BCC's work is focused. Our members live in and serve these neighborhoods. BCC and its partners play critical roles in Brooklyn, and working together in collaboration, they are uniquely positioned to address this complex challenge, creating a blueprint that can be replicated nationwide. Organizations like BCC and its partners provide critical opportunities for stakeholders across sectors to address the complex conditions that have led to disparities in environmental quality and in health outcomes. BCC and partners are known for meeting people where they are, galvanizing stakeholders through community-based participatory research, and supporting collaboration and ensuring community voice and decision-making power that leads to measurable improvements in health and wellbeing.

BCC's proposal for the Health and Wealth Domain will address the need for work among community-based organizations, building owners and facilities managers, healthcare institutions, and universities to identify critical sources of air pollution and mold that, with investments in remediation and technology, have the potential for outsized impact on environmental health. We understand that the project is designed to build a model of community planning and investment, and that it will serve as a platform for undertaking other projects to realize community health goals, reduce greenhouse gas emissions, and increase community climate resilience.

NEW YORK CITY PRINCIPAL HEADQUARTERS
498 7th Avenue
New York, NY 10018
Ex. 6 - Personal Privacy (PP)
www.1199seiu.org

ALBANY
155 Washington Ave.
Albany, NY 12210
Tel. Ex. 6 - Personal Privacy (PP)
Fax Ex. 6 - Personal Privacy (PP)

BALTIMORE, MARYLAND
611 North Eutaw Street
Baltimore, MD 21201
Tel. Ex. 6 - Personal Privacy (PP)
Fax Ex. 6 - Personal Privacy (PP)

MASSACHUSETTS
108 Myrtle Street, 4th Fl.
Quincy, MA 02171
Tel. Ex. 6 - Personal Privacy (PP)
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BUFFALO
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Buffalo, NY 14214
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FLORIDA
2881 Corporate Way
Miramar, FL 33025
Tel. Ex. 6 - Personal Privacy (PP)
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GOUVERNEUR
93 E. Main St.
Gouverneur, NY 13642
Tel. Ex. 6 - Personal Privacy (PP)
Fax Ex. 6 - Personal Privacy (PP)

HICKSVILLE
100 Duffy Ave., Suite 300 West
Hicksville, NY 11801
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NEW JERSEY
555 Route 1 South, 3rd Fl., Suite 301A
Iselin, NJ 08830
Tel. Ex. 6 - Personal Privacy (PP)
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ROCHESTER
259 Monroe Ave., Suite 220
Rochester, NY 14607
Tel. Ex. 6 - Personal Privacy (PP)
Fax Ex. 6 - Personal Privacy (PP)

SYRACUSE
250 South Clinton Street, Suite 200
Syracuse, NY 13202
Tel. Ex. 6 - Personal Privacy (PP)
Fax Ex. 6 - Personal Privacy (PP)

WHITE PLAINS
99 Church St., 4th Fl.
White Plains, NY 10601
Tel. Ex. 6 - Personal Privacy (PP)
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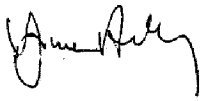
1199SEIU will collaborate with BCC and partners as we address long-standing environmental and health disparities and create models for environmental justice and community health, wellbeing, and wealth-building.

Sincerely,



Yvonne Armstrong
Sr. Executive Vice President
Long Term Care

EAST BROOKLYN CALL TO ACTION
EBC2A

April 14, 2023

US Environmental Protection Agency
Office of Environmental Justice and External Civil Rights

To Whom It May Concern:

The East Brooklyn Call to Action (EBC2A) is pleased to submit this letter of support on behalf of Brooklyn Communities Collaborative (BCC) in response to their application for the Environmental Protection Agency's *Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program.*

The East Brooklyn Call to Action for Health and Economic Justice (EBC2A) is a community-labor alliance to empower local organizations and individuals to unite and improve lives in Central and East Brooklyn. BCC is a non-profit 501c3 organization that envisions a Brooklyn where all communities are healthy, economically sound, culturally vibrant, and civically engaged. Launched in 2019 in collaboration with longtime Brooklyn community leaders, BCC seeks to tangibly improve health and wealth in the Brooklyn neighborhoods where the intersection of poor health outcomes and racial inequity is most evident. BCC's approach and strategy is directly informed and guided by seven years of participatory action research (PAR) efforts, its key practice for harnessing community insight to solve problems and implement solutions. This drives targeted efforts to address structural conditions through the anchor mission approach, which calls on large institutions with deep community roots to leverage their economic power to benefit the communities in which they serve.

BCC's work is focused in Brownsville and East New York, Brooklyn where the EBC2A is also focused. BCC and partners are uniquely positioned to address this complex challenge, creating a blueprint that can be replicated nationwide. Organizations like BCC and its partners provide critical opportunities for stakeholders across sectors to address the complex conditions that have led to disparities in environmental quality and in health outcomes. BCC and partners are known for meeting people where they are, galvanizing stakeholders through community-based participatory research, and supporting collaboration and ensuring community voice and decision-making power that leads to measurable improvements in health and wellbeing.

Given our mission to represent the community's health interests, especially those related to housing, EBC2A has been an important community voice in the formation of BCC's proposal for the Health and Wealth Domain and has been at the forefront of advocating to address the need for work among community-based organizations, building owners and facilities managers, healthcare institutions, and universities to identify critical sources of air pollution and mold that, with investments in remediation and technology, have the potential for outsized impact on environmental health. We understand that the

EAST BROOKLYN CALL TO ACTION
EBC2A

project is designed to build a model of community planning and investment, and that it will serve as a platform for undertaking other projects to realize community health goals, reduce greenhouse gas emissions, and increase community climate resilience.

Our coalition looks forward to collaborating with BCC and partners as we address long-standing environmental and health disparities and create models for environmental justice and community health, wellbeing and wealth-building.

Sincerely,

Members of the East Brooklyn Call to Action

Arthur Ashe Institute for Urban Health

Brooklyn Perinatal Network

Brooklyn Workers Council of 1199SEIU

Brownsville Multi-Service Center

East New York Restoration, LDC

Isabaliah Ladies of Elegance Foundation

New York State Nurses Association

UniverseCity

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)@maimonidesmed.org
Deputy Director, Brooklyn Communities Collaborative

EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE	Completion	FIELD OF STUDY
Fordham University, Bronx, NY	BA	1993	English Literature; French Literature
Graduate Center, City University of New York, New York, NY	PhD	2005	Environmental Psychology

Professional Positions

2021 - Present	Deputy Director, Brooklyn Communities
2018 - 2021	Director, Wellness-Based Development, MIT Community Innovators Lab
2014 - 2017	Director, Aspen Institute Roundtable on Community Change
2013 - 2014	Co-Director, Aspen Institute Roundtable on Community Change
1999 - 2014	Research Associate & Director, Peer Learning Forum, Aspen Institute Roundtable on Community Change

Teaching

2017	Faculty Member, Bunting Neighborhood Leadership Program, Urban Health Institute at the Johns Hopkins University School of Public Health
2007 - 2009	Adjunct Assistant Professor, Graduate School of Architecture, Planning and Preservation

Awards

2016	Change Agent Award, Associated Black Charities of Maryland
2004	Aspen Institute Achievement Award
2003	Alexander C. Naclerio Award for Research in Housing and Urban Development

Select Publications

Brooklyn Communities Collaborative. Ex. 6 Personal Privacy (PP) *People-Focused Research: Healthy Housing in Bedford Stuyvesant, Brownsville and East New York*. Brooklyn, NY: Brooklyn Communities Collaborative.

Ex. 6 Personal Privacy (PP) 2020. *Building a Culture of Health in Central Brooklyn: From Protest to Health Systems Transformation*. Cambridge, MA: MIT Community Innovators Lab.

MIT Community Innovators Lab. Prepared by Ex. 6 Personal Privacy (PP) 2018. People-Focused Research: Participatory Action Research in Canarsie, Flatlands and Flatbush. Cambridge, MA: MIT Community Innovators Lab.

Ex. 6 Personal Privacy (PP) 2017. *YWCA-USA Racial Justice Training Manual.* YWCA-USA: Washington, DC.

Ex. 6 Personal Privacy (PP) 2015. *Great Power, Great Responsibility: Reporting on Race in the 21st Century: New Approaches for Advancing Knowledge, Conversation and Action.* Washington, DC: The Aspen Institute.

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Ex. 6 Personal Privacy (PP) 2009. *Constructing a Racial Equity Theory of Change: A Practical Guide for Designing Strategies to Close Chronic Racial Outcome Gaps*. Washington, DC: The Aspen Institute.

Ex. 6 Personal Privacy (PP) "Structural Racism and Community Building." in Hofrichter R, Bhatia R, *Tackling Health Inequities through Public Health Practice: Theory to Action*. New York: Oxford University Press, 2010.

Redacted *Racial Equity & the Future of the Baltimore Region: Report & Potential Strategies.* 2011. Washington, DC: The Aspen Institute Roundtable on Community Change.

Summary

Entrepreneurial policymaker with more than 15 years experience leading diverse teams in strategic planning, project implementation, and organizational innovation. Designed and launched high-impact programs at citywide and national scales. Building new ventures to organize the power and financial potential of sidelined communities.

Selected Professional Experience

1/2022 - Present
Community Investment and Economic Development Advisor (selected projects) — New York, NY

CUNY Community and Worker Ownership Project / Brooklyn Communities Collaborative (2023)

- Supporting development of energy retrofit initiative that builds community wealth and economic impact.
- Advisor to Community Fellows on projects including community land trusts, cooperative districts, and food guild.
- Supporting research and program development to localize economic impact from public procurement.

Seed Commons / Kyanite Partners (2023)

- Advising national Community Development Financial Institution on developing investment pipeline for green bank finance.
- Supported analysis of funding available through the Inflation Reduction Act to worker-owned cooperative businesses.

Build Back Better Regional Challenge, federal recovery initiative (2022)

- Advised 60 Finalist coalitions from across the country vying for $1 Billion in federal recovery funding.
- Developed and delivered workshops around designing and implementing policies and programs that further equity.

1/2021 - 12/2021
Office of Deputy Mayor for Strategic Policy Initiatives — New York, NY

Senior Policy Advisor and Director, Inclusive Economic Development and Business Innovation

- Advised Deputy Mayor on policies and strategies to address the racial wealth gap, including economic development strategy, business services, workforce development, and inclusive recovery.
- Collaborated with community organizations and City agencies to design and launch initiatives to build community wealth.
- Led design of the City's *Good Jobs Challenge* proposal, awarded $18.6M federal grant for systems-change strategy.
- Launched the largest municipal effort to preserve jobs and increase worker equity through employee owned business, including an outreach campaign that reached 28K+ business and initiatives in home healthcare and sustainability.
- Designed initiative to pair financial technology businesses with community stakeholders to address bank loss in the Bronx.
- Supported scaling citywide as Board Member and Administrator of NYC's "baby bond" and college savings program.

11/2018 - 12/2020
Deputy Director, Mayor's Office of MWBE

- Expanded portfolio of programs to support Minority- and Women-owned Business Enterprises (MWBE), including an MWBE Accelerator launched as part of the City's commitment to Black entrepreneurs and innovation initiatives.
- Secured $1.5M in philanthropic grants to support new community and program partnerships and model catalytic policy.
- Spearheaded program to support minority and worker ownership and business innovation in the industrial sector.
- Supported negotiations with banks and financial technology firms to get 1M New Yorkers access to financial systems.

8/2016 - 10/2018
Mayor's Office of Workforce Development — New York, NY

Director, Business Initiatives and Job Quality

- Developed and scaled programs and policies that drive business growth and improve outcomes for low-wage workers.
- Conceptualized and launched Bronx-based model for business growth and community investment; secured $330K grant.
- Partnered with financial institution to deliver education and responsible products to 1,500+ businesses and their employees.
- Spearheaded interagency efforts to institutionalize job quality metrics across city processes, including procurement.

8/2015 - 7/2016
NYC Economic Development Corporation — New York, NY

Assistant Vice President, Center for Urban Innovation

- Managed 12-person team in implementing a $10M portfolio of economic opportunity initiatives citywide.
- Founded program in collaboration with business, labor, and community leaders. Led campaign design, citywide marketing, and partnership development. Resulted in engagement of 1,500+ NYC businesses, that employ more than 65,000 workers. Campaign model has been replicated by more than 30 cities across the U.S. and globally.
- Advised other NYCEDC divisions on strategies to leverage real estate transactions to support local hiring and job quality.

8/2013 - 7/2015
Senior Project Manager, Center for Urban Innovation

- Managed 14 consultant teams and a $5M grant portfolio in design, execution, and evaluation of citywide programs, including workforce programs, a loan program, a business incubator, and community revitalization projects.
- Raised more than $1M in impact investment and philanthropic funding for projects.
- Led interagency effort to accelerate development of three City-owned vacant lots in Brownsville and East New York into community entrepreneurship spaces, including property transfer and permitting as well as long-term program sustainability.
- Designed new program concepts for using City capital to underwrite small business and community-banking initiatives.

9/2011 - 6/2013 **Community Innovators Lab / MIT Department of Urban Studies & Planning** Cambridge, MA
Public Service Scholar / Graduate Research Assistant
- Conducted applied research for government agencies and community organizations, including a foreclosure mitigation strategy for the City of Boston and strategic acquisition of vacant property for the New Orleans Redevelopment Authority.
- Drafted local hiring and procurement provisions of community benefits agreement for major Bronx redevelopment project.

11/2009 - 5/2011 **U.S. Environmental Protection Agency** Washington, DC
Program Analyst, Office of the Chief Financial Officer
- Worked with senior Agency leaders to develop Obama Administration priorities into 2010-2015 Strategic Plan.
- Responsible for internal and external communications and public engagement process to advance Strategic Plan.
- Coordinated budget and program development across 10 regional and program offices and more than 30 staff.
- Designed and launched Agency-wide innovation initiative to support environmental justice outcomes.

6/2009 - 9/2009 **NeighborWorks America** Washington, DC
Community Scholar, Field Operations
- Selected to participate in national program for young professionals in housing and community development.
- Designed and initiated implementation of a capacity-building program for 200+ NeighborWorks housing organizations.

6/2008 - 4/2009 **World Bank Inspection Panel** Washington, DC
Consultant
- Conducted research for accountability mechanism of the World Bank, which reports to the Bank President.
- Evaluated projects in Uganda, Ghana, and Albania. Investigation resulted in Bank-wide operations reform.

11/2007 - 5/2008 **NYC Department of Parks and Recreation** New York, NY
PlaNYC Program Assistant
- Assisted the launch, as part of Commissioner-level team, of seven citywide initiatives to improve public health, reduce the city's greenhouse gas emissions by 30 percent, and put every resident within a ten-minute walk of a park or open space.
- Supported development and management of partnerships for 10-year campaign to plant one million trees across the City.

Leadership and Community Experience

2019 - 2022 Instructor, Colin Powell Fellowship, City College of New York CUNY
- Taught year-long leadership and public service course for students selected as Colin Powell Fellows. Designed the course to include community negotiation simulation, community-driven capstone project, and professional development.

2017 - 2018 Aspen Institute Job Quality Fellow
- Selected as one of 13 leaders across the county, who are working to improve the quality of jobs for low-wage workers.
- Contributing to Aspen's emerging national narrative and "toolkit" on reconnecting work and wealth for other practitioners.

2016 - 2017 Coro Leadership New York (LNY28)
- Selected as one of 54 mid-career professionals in NYC to participate in 175-hour adaptive leadership training program.
- Immersive learning on pressing civic challenges, including criminal justice, housing, and education reform.

2014 - Present Senior Scholar and Selection Committee, Harry S. Truman Scholarship Foundation
- Selected by Foundation to advise Truman Scholars and lead policy exercise during Leadership Week.
- Serve on the Selection Panel for the New York Regional Selection Committee.

Education

2013 **Massachusetts Institute of Technology** Cambridge, MA
Master in City Planning, Housing, Community, and Economic Development Group
- Coursework in Economic Development, Real Estate, Public Finance, Community Development, Labor Policy
- Management courses MIT Sloan School of Management and Harvard Kennedy School of Government
- Awarded a graduate assistantship and scholarship

2008 **Hunter College, City University of New York** New York, NY
Bachelor of Arts, Phi Beta Kappa, magna cum laude
- Majors: Urban Studies, Minor: Economics
- Semester-long international studies of urban planning in Argentina, China, and India
- Macaulay Honors College: Awarded full merit-based scholarship and funding for international studies
- Jeannette K. Watson Fellowship: Professional development and full-time work program for three summers
- Truman Scholarship: National recognition for leadership awarded to 60 annually; provides funding for graduate study

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Brooklyn, NY• Ex. 6 - Personal Privacy (PP)

EDUCATION

The CUNY Graduate School of Public Health and Health Policy Graduated December 2020
Master of Public Health- Public Health Nutrition

The CUNY School of Public Health at Hunter College-New York, NY Graduated May 2016
Bachelor of Science- Community Health

SKILLS

- Proficient in project management
- Strong attention to detail and problem-solving skills
- Skilled in leading meetings through virtual mediums such as Webex and Zoom
- Experience working with CRM platforms such as Salesforce
- Fluency in the functional use of Google Suite, Microsoft Suite, and Apple products with the capability to master new software applications and technologies as needed
- Social media management, including use of insights and analytics to maximize reach
- Fluent in Haitian Creole

Work EXPERIENCE

Research Foundation of CUNY- New York, NY February 2021-Present
Resource Navigator

- Conducts telephone calls with persons diagnosed with COVID-19 and those identified as close contacts to assess resource needs for self-isolation and quarantine
- Identify common needs amongst COVID-19 patients and search for local solutions. This could include access to GetFood, mental health services, legal or financial counseling, and other community programs helping patients in need and/or people in isolation or quarantine
- Collects and records information obtained from the resource interview and gathering into the data systems(i.e Salesforce) in accordance with standard operating procedures

Maimonides Medical Center- Brooklyn, NY January 2020- Present
Manager of Community Engagement

- Skilled in building and managing relationships with healthcare providers, administrative and other department staff to succeed in population health goals
- Grant management and tracking through Salesforce and Monday.com for over 40 organizations with awards totaling $4M
- Exemplary interpersonal and communication skills; demonstrated cultural competency and ability to work effectively with over 100 diverse stakeholders across departments and throughout Brooklyn
- Act as a first point of contact for partner organizations, collaborating and maintaining communication through correspondence and meetings
- Coordinate team projects as needed, including document preparation, logistics management and timeline accountability
- Manage calendar for team, senior leadership, and external partners, including scheduling, preparing, circulating materials, and follow up for meetings
- Research and compile information about best practices and evidence-based strategies for inclusion in project planning documents and implementation plans, as appropriate

CAMBA, INC- Brooklyn, NY
Internship Developer April 2017- May 2019

- Developed and maintained employer relationships with the goal of identifying and meeting their HR needs
- Matched appropriate students with appropriate internship openings and arrange for interviews
- Informed prospective employers and student applicants of the features and advantages of CAMBA's internship

placement services
- Provided career readiness skills such as building resumes and preparing for interviews through weekly seminars
- Provided post-graduation college readiness skills
- Prepared monthly reports of services provided

LIFT-The Bronx

Summer Advocate June 2015- August 2015

- Worked one-on-one with low-income community members to find jobs, secure safe and stable housing, enroll in public benefits and tax credits, and obtain referrals for services like childcare and healthcare
- Attended meetings and trainings that address local and national poverty issues
- Engaged the community by building and strengthening partnerships with community organizations
- Supported the management of daily office operations
- Recorded data collected on clients by using a data collection system

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CERTIFICATIONS

CITI Training in Human Subject Research (HSR) July 2019

- Completed CITI social- behavioral-educational research basic course with a focus on the protection of human subjects
- Trained in human subjects research

Food Protection Certificate July 2019

- Completed Food Protection Course and gained qualifying certificate in food protection
- Trained in food protection according to the New York City Health Code and guidelines

Mental Health First Aid USA- 8 Hours June 2015

- Completed Mental Health First Aid training course according to the National Council for Community Behavioral Healthcare guidelines
- Training introduced participants to risk factors and warning signs of mental health problems, built understanding of their impact and reviewed common treatments

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Ex. 6 - Personal Privacy (PP)

EDUCATION

Brooklyn College, Brooklyn, NY
M.S. Business Administration, May 2023

City University of New York School of Law, Queens, NY
Juris Doctorate, May 2020

Hampton University, Hampton, VA
Bachelor of Arts in Political Science, May 2015

EXPERIENCE

Brooklyn Communities Collaborative (BCC), New York, NY
Manager, Business Development, March 2022 – Present
Facilitate engagements between BCC staff with essential public and elected officials concerning legislation, public policy, administrative law. Responsible for collaborating with supply chain teams to identify opportunities for local MWBE businesses to participate in healthcare supply chain. Expertly facilitated supply/service partnerships between small businesses and healthcare partners, resulting in successful agreements that meet the needs of all parties.

Goldstein Hall PLLC, New York, NY
Associate – Litigation, January 2019 –April 2021
Drafted corporate resolutions, attorney opinion letters, transfer documents, certificates of incorporation and by-laws. Reviewed title reports, regulatory agreements and land disposition agreements. Conducted legal research concerning on-profit title issues, client meetings and loan closings. Worked directly with managing partners to prepare and manage project loans, sales and lease closings. Assisted with the formation of not-for-profit corporation structure.

New York State Office of the Attorney General, New York, NY
Legal Intern, June 2019 – August 2019
Assisted with research initiative for the newly established Special Investigation and Prosecution Unit, which focuses on innovative ways to reform New York State police use-of-force policies. Effectively performed legal research and drafted memorandums on a myriad of social justice issues ranging from immigration to gender pay equity. Assisted special counsel with day-to-day activities. Supported executive level staff. Conducted document review.

Kings County District Attorney's Office, Brooklyn, NY
Legal Intern – Early Case Assessment Bureau, May 2018 – August 2018
Screened incoming arrests that occurred in Brooklyn to determine whether prosecution would be declined or advanced. Prepared charging documents for Desk Appearance Tickets (DAT) and misdemeanors. Drafted criminal complaints for felonies, misdemeanors and violations. Organized arrest paperwork, and corroborating affidavits. Compile detailed lists of police and civilian witnesses for individual cases. Prepared supporting documents and notices to be submitted in court.

Lazard Asset Management, New York, NY
Administrative Assistant, August 2016 – September 2017
Efficiently provided professional administrative and clerical service to colleagues and managers to facilitate effective operation of the office. Examined the accuracy of legal documents and edited as needed.

Brooklyn Ecumenical Cooperative (BEC), Brooklyn, NY
Assistant Project Manager, January 2015 – January 2018
Reviewed owner responses to findings and determined the feasibility of proposed remediation. Evaluated initiatives and policies affecting the physical strength of BEC's real estate portfolio. Prepared long and short-term projects, reports, correspondence, and other materials accurately, following established guidelines and procedures.

CERTIFICATION & PROFESSIONAL MEMBERSHIPS

LexisNexis and Westlaw Certified

Student Member, New York City Bar Association; *Student Member*; Kings County Bar Association *Student Committee Member,* New York City Bar Housing Court Committee; *Vice President* Kappa Alpha Psi Fraternity Incorporated – Brooklyn Long Island Chapter, *Board Member*, Brooklyn Community Board 8.

ADDITIONAL INFORMATION

Podcast Enthusiast. Music Lover. Book club founder. Yoga teacher. World traveler. Proficient in Microsoft Office.

DEPARTMENT OF THE TREASURY

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

Date: APR 2 8 2020

BROOKLYN COMMUNITIES COLLABORATIVE INC
C/O DAVID COHEN MD
4802 TENTH AVENUE
BROOKLYN, NY 11219

Employer Identification Number:
84-5090998
DLN:
26053493003170
Contact Person:
CUSTOMER SERVICE ID# 31954
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)

Accounting Period Ending:
December 31
Public Charity Status:
170(b)(1)(A)(vi)
Form 990/990-EZ/990-N Required:
Yes
Effective Date of Exemption:
February 12, 2019
Contribution Deductibility:
Yes
Addendum Applies:
No

Dear Applicant:

We're pleased to tell you we determined you're exempt from federal income tax under Internal Revenue Code (IRC) Section 501(c)(3). Donors can deduct contributions they make to you under IRC Section 170. You're also qualified to receive tax deductible bequests, devises, transfers or gifts under Section 2055, 2106, or 2522. This letter could help resolve questions on your exempt status. Please keep it for your records.

Organizations exempt under IRC Section 501(c)(3) are further classified as either public charities or private foundations. We determined you're a public charity under the IRC Section listed at the top of this letter.

If we indicated at the top of this letter that you're required to file Form 990/990-EZ/990-N, our records show you're required to file an annual information return (Form 990 or Form 990-EZ) or electronic notice (Form 990-N, the e-Postcard). If you don't file a required return or notice for three consecutive years, your exempt status will be automatically revoked.

If we indicated at the top of this letter that an addendum applies, the enclosed addendum is an integral part of this letter.

For important information about your responsibilities as a tax-exempt organization, go to www.irs.gov/charities. Enter "4221-PC" in the search bar to view Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, which describes your recordkeeping, reporting, and disclosure requirements.

Letter 947

BROOKLYN COMMUNITIES COLLABORATIVE

Sincerely,

Stephen A. Martin

Director, Exempt Organizations
Rulings and Agreements

Letter 947

ED_016126_00000718-00025

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

COOPERATIVA DE SERVICIOS PROFESIONALES

1234-Project_Narrative.pdf
application/pdf
EPmpzAs7IJPlOGaO6gVGktlvkhE=

1235-Appendix G Detailed Budget_COSPRO.pdf
application/pdf
dRy+FY0X14IkzXS1bLw3nY41Bg4=

1236-Key_personnel CV.pdf
application/pdf
S6cEziMfA/z2spXqKF0tQKnhxxM=

1237-Federal Compliance.pdf
application/pdf
Tp0g3TsFFC04CF0oC5LYn6mGNiY=

1238-Non-for_Profit_Evidence.pdf
application/pdf
d6FAqfWLRI1yrqe0OUii9DtiHeU=

1239-QAPP_COSPRO.pdf
application/pdf
6PC679ml33f6LEKhX5Y4dLocqvg=

1240-Letters of commitment.pdf
application/pdf
2mi0wVCNjSOONi28oAs47+1SFBw=

1241-576 GOODSTANDING DIC22.pdf
application/pdf
MZNjva+5VB47qofVrf/tTBOx+70=

1242-Logic Model_iNature.pdf
application/pdf
gwWFdRvnTV4rMZqhTmroZkkg1xs=

Dr.
Yogani
Govender

Treasurer
Ex. 6 Personal Privacy (PP)
San Juan
PR: Puerto Rico
00927-4118
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)

Mr.
Harrison
W
Flores-Ortiz

President
Ex. 6 Personal Privacy (PP)
San Juan
PR: Puerto Rico
002974118
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)

Mr.
Carlos
Maysonet-Negron

Secretary
Ex. 6 Personal Privacy (PP)
San Juan
PR: Puerto Rico
009274118
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)

Miss
Dayamiris
Candelario Maysonet

Project Manager

Ex. 6 Personal Privacy (PP)

San Juan
PR: Puerto Rico
00907
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)

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Application
New
2023-04-13

COOPERATIVA DE SERVICIOS PROFESIONALES
660706372
U5MCNHPCR914
Ex. 6 Personal Privacy (PP)
San Juan
PR: Puerto Rico
009274118
USA: UNITED STATES

Mr.
Harrison
W
Flores

President
EX. 6 - Personal Privacy (PP)
N: Nonprofit without 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
1243-Project Location.pdf
application/pdf
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Addressing environmental justice by a Community Care program for chronic illness through immersion in nature (iNature)
PR-098
PR-098
2023-11-01
2026-10-31
499440.15
0.00
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0.00
499440.15
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Dr.
Yogani
Govender

Treasurer
EX. 6 - Personal Privacy (PP)
Yogani Govender
2023-04-13

COOPERATIVA DE SERVICIOS PROFESIONALES

Ex. 6 Personal Privacy (PP)
San Juan
PR: Puerto Rico
00927

U5MCNHPCR914
Harrison Flores
EX. 6 - Personal Privacy (PP)
President
N: No
N/A
N/A
NA
N: No
N: No
NA
Y: Yes
N: No
N: No
Y: Yes
Y: Yes
Y: Yes
No
No
Yogani Govender
Treasurer
2023-04-13

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Yogani Govender
GRANT13860915

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: COOPERATIVA DE SERVICIOS PROFESIONALES

Address: Ex. 6 Personal Privacy (PP)

City: San Juan

State: PR: Puerto Rico Zip Code: 00927

B. Unique Entity Identifier (UEI): U5MCNHPCR914

C. Applicant/Recipient Point of Contact

Name: Harrison Flores

Phone: Ex. 6 Personal Privacy (PP)

Email: Ex. 6 Personal Privacy (PP)

Title: President

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

N/A

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

N/A

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

NA

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☒ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

NA

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☐ Yes ☒ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☐ Yes ☒ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

No

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

No

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Yogani Govender	Treasurer	04/13/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/13/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: COOPERATIVA DE SERVICIOS PROFESIONALES

* b. Employer/Taxpayer Identification Number (EIN/TIN): 660706372

* c. UEI: U5MCNHPCR914

d. Address:

* Street1: Ex. 6 Personal Privacy (PP)

Street2:

* City: San Juan

County/Parish:

* State: PR: Puerto Rico

Province:

* Country: USA: UNITED STATES

* Zip / Postal Code: 009274118

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Mr.

* First Name: Harrison

Middle Name: W

* Last Name: Flores

Suffix:

Title: President

Organizational Affiliation:

* Telephone Number: Ex. 6 Personal Privacy (PP)

Fax Number:

* Email: Ex. 6 Personal Privacy (PP)

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

N: Nonprofit without 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

1243-Project Location.pdf | Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Addressing environmental justice by a Community Care program for chronic illness through immersion in nature (iNature)

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: PR-098 * b. Program/Project: PR-098

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 * b. End Date: 10/31/2026

18. Estimated Funding ($):

* a. Federal	499,440.15
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	499,440.15

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Dr. * First Name: Yogani

Middle Name:

* Last Name: Govender

Suffix:

* Title: Treasurer

* Telephone Number: Ex. 6 Personal Privacy (PP) Fax Number:

* Email: Ex. 6 Personal Privacy (PP)

* Signature of Authorized Representative: Yogani Govender * Date Signed: 04/13/2023

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Dr. First Name: Yogani Middle Name:
Last Name: Govender Suffix:

Title: Treasurer

Complete Address:

Street1: Ex. 6 Personal Privacy (PP)
Street2:

City: San Juan State: PR: Puerto Rico

Zip / Postal Code: 00927-4118 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: Ex. 6 Personal Privacy (PP)

Payee: *Individual authorized to accept payments.*

Name: Prefix: Mr. First Name: Harrison Middle Name: W
Last Name: Flores-Ortiz Suffix:

Title: President

Complete Address:

Street1: Ex. 6 Personal Privacy (PP)
Street2:

City: San Juan State: PR: Puerto Rico

Zip / Postal Code: 002974118 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: Ex. 6 Personal Privacy (PP)

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: Mr. First Name: Carlos Middle Name:
Last Name: Maysonet-Negron Suffix:

Title: Secretary

Complete Address:

Street1: Ex. 6 Personal Privacy (PP)
Street2:

City: San Juan State: PR: Puerto Rico

Zip / Postal Code: 009274118 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: Ex. 6 Personal Privacy (PP)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: Miss First Name: Dayamiris Middle Name:

Last Name: Candelario Maysonet Suffix:

Title: Project Manager

Complete Address:

Street1: Ex. 6 Personal Privacy (PP)

Street2:

City: San Juan State: PR: Puerto Rico

Zip / Postal Code: 00907 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP) / Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) San Juan, Puerto Rico 00907

EDUCATION

Graduate School of Environmental Affairs, *Universidad Metropolitana de PR*; San Juan, PR
Master of Science, Environmental Management (Cum laude) June, 2007
School of Science, Technology and Health, *Universidad Metropolitana de PR*; San Juan, PR
Bachelor of Science, Environmental Sciences June, 2003

Additional Education, Training and Certification:

Certified Interpretive Guide Trainer (sanctioned), 2020 National Association for Interpretation

RELEVANT EXPERIENCE WORKING IN LOW-INCOME UNDERSERVED COMMUNITIES

Director and Educator, Centro Ambiental Santa Ana / Sociedad de Historia Natural de PR/ Universidad Interamericana de PR 2013-present

-Coordination of daily activities of this nature center, document attendance and revenue, prepare monthly and annual reports of activities and participants to board members and stakeholders.

-Management of special projects, supervision of staff and volunteers and, design and implementation of environmental education, environmental interpretation, and research activities for diverse low-income audiences. Funding for projects were from Puerto Rico's Department of Natural and Environmental Resources (DRNA, as in Spanish), US Forest Service, PR Legislative Funds, and Fundación Angel Ramos

-Coordinate symposia, educ. festivals & workshops for volunteers, educators, and the general public

-Partner as mentor for volunteers of *Cuerpo de Intérpretes Científicos Auxiliares (CICA, as in Spanish)* of the DRNA.

OTHER WORK EXPERIENCE

Blue Flag Program Coordinator, *Organización ProAmbiente Sustentable*2022-present

-Promote orientation meetings for potential candidates, stakeholders, educational opportunities.

-Provide coordination guidance, support and mentorship for local Blue Flag awardees.

-Coordinate and oversee schedule of program auditors, educational activities to increase capacity and promote the programs best practices, provide recruitment support to identify potential new awardees.

Facilitator for Centro Esperanza / The Bravo Family Foundation (BRAVO) 2019-2021

-Recruit and engage youth served by Centro Esperanza (CE) as potential participants of an interpretive training support funding from BRAVO for a community organization (Centro Esperanza) in Loíza

-Planning of training content and educational activities to prepare youth as volunteer interpreters at CE

Estuarine Urban Waters Coordinator, San Juan Bay Estuary Program, PR 2018

-Coordination of workplan actions and outcomes for project *Urban Waters Program Relief Efforts in the Urban Watershed of the San Bay Estuary* for the San Juan Bay Estuary Program and the Urban Waters Program Partnership.

Environmental Interpreter, CASA / SHNPR; Bayamón, PR 2007-2013

-Contribute in the design of interpretive environmental activities for a nature center.

-Offer interpretive activities for diverse audiences in an outdoor setting.

-Offer orientation, booking and coordination services for participants of CASA's activities.

Research Coordinator, Centro Ambiental Santa Ana (CASA / SHNPR); 2010-2013

-Design interpretive hike focused in promoting research, the scientific method, and science careers.

-Collaborate with basic research training of special activities for CASA's partners.

-Promote citizen science programs and initiatives among nature center participants and elsewhere

-Work with research partners to fulfill projects objectives.

Achieved: Addition of a newly designed interpretive hike to CASA's interpretive program focused on research and careers related to the environment.

SYNERGISTIC ACTIVITIES

De la Montaña al Mar: Una conexión Natural

-Assist Project Coordinator designing participant recruitment, educational activities, and documenting workshop attendance and report to funding agency.

More Kids to the Woods

-Assist Project Coordinator in designing, offering and documenting activities, helped recruitment of staff. Prepared a pre/post test to determine changes in knowledge about forests concepts, benefits and ways to its conservation.

Puerto Rico's Endemic Bird Festivals / Migratory Birds Festivals

-Coordinate two annual festivals (in April and October) with staff, festival partners and volunteers celebrating our birds, promoting bird watching activities and increasing the knowledge of ways in which all people can help protect birds.

PUBLICATIONS

Ex. 6 Personal Privacy (PP)

SELECT AWARDS AND GRANTS

-Outstanding Interpreter Award by The Sunny Southeast Region of the National Association for Interpretation (NAI).

-Environmental Education Award to CASA, Caribbean Urban and Community Forestry Conference, US Forest Service

-Environmental Quality Award to Fellows Enhancing Science and Technology Project (FEST), EPA.

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) Tel. Ex. 6 - Personal Privacy (PP) Ex. 6 - Personal Privacy (PP)

EDUCATION

Doctorate in Curriculum and Teaching and Learning Environments, with a concentration in Technology. University of Turabo in Gurabo, PR. 2013

Master of Education, Specialty in Curriculum with a Concentration in Biology. University of Puerto Rico, Rio Piedras. 1994

Baccalaureate in Secondary Education with a concentration in Biology. University of Puerto Rico, Rio Piedras. 1981

RELEVANT WORK EXPERIENCE

- 2014 School Transformation Project Manager Improvement Grant (SIG) with the Yabucoa Educational Services Corporation (COSEY) at Rafaelina Lebrón Flores High School and Josefina Muñoz de Bernier de Patillas Middle School. Supervisor,

-1981-2011- Science Teacher Maunabo School District, Department of Public Education.

OTHER WORK EXPERIENCES

-2017 to 2019 - Part-time Professor School of Education University of Puerto Rico in Humacao. Course (EDPE 3041) Science teaching in elementary school.

-2015 Professor of Human Anatomy and Physiology at the Interamerican University Guayama Campus, Ryder Extension Center. Nursing Program.

-2015 to 2016 - Compañía Carvajal Educación Inc., Resource in coaching science teachers.

-2013 Part-time Professor School of Education Interamerican University of Guayama. Course: Teaching natural sciences at the K-3 level.

-2012 to May 2013 - Rocket Training Company. Workshop resource: The integration of Curricular Maps in Daily Planning.

-2012 Company Youth Innovative Solutions, Inc., Science Coaching Resource for Public School Teachers.

-2012 Resource specialist in science in the Technology Integration Workshop for Intermediate and Higher-Level Teachers with EdGroup company Educational Development.

-2011 to July 2012 (retired), Teaching Facilitator for the Yabucoa School District Science Program. Supervisor, Redacted Superintendent.

-2010 -2011 -, Professor Trainer Alliance of Mathematics and Sciences Project of the Inter American University of Puerto Rico, Fajardo Campus. Supervisor, Redacted

-2008 to 2010 - Professor Trainer of the Mathematics and Science Alliance Project at the University of Puerto Rico in Humacao.

-1992 To 2002 - Teacher and Resource Systemic Initiative Project for Educational Excellence in Science and Mathematics (PR-SSI). Resource Center for Science and Engineering, University of Puerto Rico, Río Piedras.

-1999 to 2001- Trainer in Earth Science Workshops of the Institute 2000 in the Center of the School District of Las Piedras. Sponsored by the Science and Engineering Resource Center of the University of Puerto Rico at Río Piedras. Supervisor, Redacted

-1993 Trainer in Earth Science Workshops for teachers from Caguas and San Lorenzo in extended hours. Sponsored by the Science and Engineering Resource Center of the University of Puerto Rico at Río Piedras.

-1989 A 2000 - Field Assistant Earth Science Workshop for teachers held in North Carolina and Puerto Rico, in the summer. Sponsored by the Puerto Rico Department of Public Education.

-1982 To 1985 - Maunabo School District Adult Program Math and Science Teacher.

RECOGNITIONS AND SPECIAL AWARDs

- 1999 and 2004 Nomination by alumni for "Who is Who in America`s Teachers ".
- 1989 Maunabo School District Excellence Teacher, awarded by the PR Industrial Association.
- 1989 Teacher of the Year in Earth Sciences of Puerto Rico, awarded by the " Geological Society of America ".
- 1989 Finalist for the " Presidential" award Awards for Excellence in Science and Mathematics Teaching ", awarded by the Association of Science Teachers of the United States.

SYNERGISTIC ACTVITIES

2001-present Member of Comité Pro-Desarrollo De Maunabo, Inc, I complete several tasks in the Reserve including assisting with nature guide, providing workshops for students and teachers, assessments of biodiversity, assessment of damage to Reserve after Hurricanes Irma and Maria, coordinate with researchers visiting Reserve and promote Reserve activities in school district and in local communities.

USDA

United States Department of Agriculture

Rural Development

Puerto Rico
State Office

654 Plaza, Suite 601
Munoz River Avenue
Hate Rey, PR 00919
Voice [Ex. 6 - Personal Privacy (PP)]
Fax [Ex. 6 - Personal Privacy (PP)]

September 24, 2018

Mr. Carlos Maysonet, Executive Director
Cooperativa de Servicios Profesionales, Inc.
PO Box 194597
San Juan, PR 00919-4597

Attention: Mr. Harrison W. Flores Ortiz
Project Manager (COSPRO)

Dear Mr. Maysonet:

Our records indicate that you have submitted all the required project performance and financial reports for the Solid Waste Management grant you received in fiscal year 2017.

We have reviewed your financial reports and have no further comments at this time. After processing your last reimbursement request of $6,384.00 covering expenses incurred through reimbursement requested on September 24, 2018, our records show a balance of cero (0) left over.

Financial records pertinent to the grants must be retained three (3) years from the date of the financial review or last file transaction. The review was completed on September 24, 2018 and records should be retained until September 30, 2021. If any litigation or claim is started before the expiration of the 3 years, the records shall be retained until all litigation or claim findings have been resolved. Records for real property and equipment acquired with grant funds shall be retained for 3 years after final disposition.

The Federal Government reserves the right to timely and unrestricted access to any books, documents, papers, or other records to the grant for examining or making copies for as long as the records are retained.

Should you have any questions, please do not hesitate to contact Elis A. Marrero at [Ex. 6 - Personal Privacy (PP)] or email at elis.marrero@pr.usda.gov.

Sincerely,

NEREIDA RODRIGUEZ
Community Programs Director

USDA is an equal opportunity provider, employer, and lender.

If you wish to file a Civil Rights program complaint of discrimination, complete the USDA Program Discrimination Complaint Form, found online at http://www.ascr.usda.gov/complaint_filing_cust.html, or at any USDA office, or call [Ex. 6 - Personal Privacy (PP)] to request the form. You may also write a letter containing all of the information requested in the form. Send your completed complaint form or letter to us by mail at U.S. Department of Agriculture, Director, Office of Adjudication, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, by fax [Ex. 6 - Personal Privacy (PP)] or email at program.intake@usda.gov.

USDA

United States Department of Agriculture

Rural Development

Puerto Rico
State Office

654 Plaza, Suite 601
Muñoz Rivera Avenue
Hato Rey, PR 00919
Voice [Ex. 6 - Personal Privacy (PP)]
Fax [Ex. 6 - Personal Privacy (PP)]

August 6, 2014

Mr. Carlos Maysonet, Executive Director
Cooperativa de Servicios Profesionales, Inc.
PO Box 194597
San Juan, PR 00919-4597

Dear Mr. Maysonet:

Our records indicate that you have submitted all the required project performance and financial reports for the Solid Waste Management grant you received in fiscal year 2012.

We have reviewed your financial reports for the years ending 2012, 2013 & 2014 and have no further comments at this time. After processing your last reimbursement request of $27,077.56, covering expenses incurred through reimbursement requested on July 22, 2014, our records show a balance of cero (0) left over.

Financial records pertinent to the grants must be retained three (3) years from the date of the financial review or last file transaction. The review was completed on August 6, 2014 and records should be retained until September 30, 2017. If any litigation or claim is started before the expiration of the 3 years, the records shall be retained until all litigation or claim findings have been resolved. Records for real property and equipment acquired with grant funds shall be retained for 3 years after final disposition.

The Federal Government reserves the right to timely and unrestricted access to any books, documents, papers, or other records to the grant for the purpose of examining or making copies for as long as the records are retained.

Should you have any questions, please do not hesitate to contact Elis A. Marrero at [Ex. 6 Personal Privacy (PP)] or email at elis.marrero@pr.usda.gov.

Sincerely,

NEREIDA RODRIGUEZ
Community Programs Director

An Equal Opportunity Provider and Employer

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GOBIERNO DE PUERTO RICO
CORPORACIÓN PÚBLICA PARA LA SUPERVISIÓN Y SEGURO DE COOPERATIVAS DE PUERTO RICO
Presidenta Ejecutiva Mabel Jiménez Miranda, MBA mjimenez@cossec.pr.gov

CERTIFICACIÓN DE BUENA PRO

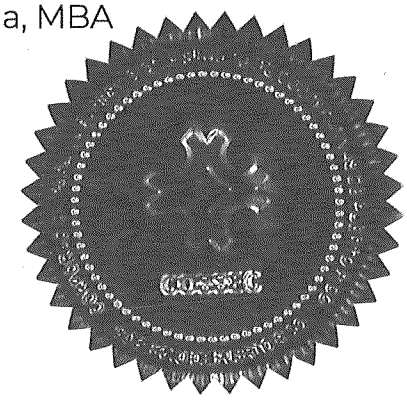
YO, Mabel Jiménez Miranda, MBA, Presidenta Ejecutiva de la Corporación Pública para la Supervisión y Seguro de Cooperativas de Puerto Rico (COSSEC);

CERTIFICO: Que, a tenor con las disposiciones de la Ley General de Sociedades Cooperativas, Ley Núm. 239 de 1 de septiembre de 2004, según enmendada, la "Cooperativa de Servicios Profesionales COSPRO", registro número 576 del 4 de octubre de 2007, con permiso para funcionar número 283 del 11 de agosto de 2008, una cooperativa organizada bajo las leyes del Estado Libre Asociado de Puerto Rico, ha cumplido con las cláusulas de incorporación, reglamento interno, informes y demás disposiciones de esta Ley.

EN TESTIMONIO DE LO CUAL, firmo la presente en la ciudad de San Juan, Puerto Rico, hoy 12 de diciembre de 2022.

Mabel Jiménez Miranda, MBA
Presidenta Ejecutiva

sjt



COSSEC Contigo

A, Project Title: Addressing environmental justice: Community Care program for chronic illness through immersion in nature (**iNature**) in the Maunabo municipality, Puerto Rico.
Project Location: Municipality of Maunabo, 00707, Puerto Rico.
Applicant Information: Cooperativa de Servicos Profesionales (COSPRO), Ex. 6 Personal Privacy (PP)
San Juan, PR 00927-4118, Harrison W.Flores Ortiz, Ex. 6 Personal Privacy (PP)
Are you applying for the Small CBO Set Aside Track for $150,000 projects? No
Applicant Organization: COSPRO is a not-for-profit organization that has been incorporated since 2007. The mission of the cooperative is to respond to federal; state government, NGO's and community needs for professional and technical services in sustainable development, environmental planning, and conservation. COSPRO has worked with USDA on the development of holistic management plans for the landfills of two rural underserved communities in Culebra and Vieques and is currently working on the PR Biodiversity data based in partnership with the University of InterAmerican, the PR Department of Natural and Environmental Resources and US Fish and Wildlife Services.
Project Types: Public Education in Rural Areas for Climate Change/Disaster Resiliency
The environmental justice issue addressed by iNature is the disproportionate access to recreation for physical activity (PA) that significantly improves the management of chronic illness and **public health**. Despite the importance of PA for good health, not all populations have equal access to PA facilities and resources. This disparity is an **environmental justice** (EJ) issue because of the negative impact on the health of low-income and racial/ethnic minorities. Unfortunately, no dialogue in Puerto Rico has transpired to promote PA to improve public health. The partnership between COSPRO and the CBO, *Comité Pro-Desarrollo De Maunabo,* Inc. is to create a 12-week Community Care **iNature** program to address this environmental injustice. By adopting the CDC's evidence-based lifestyle change program approach, this EJ project aims to improve chronic illness management by increasing PA through empowering and culturally relevant nature-based activities in the Punta Tuna Nature Reserve in the municipality of Manuabo. Muanabo is medically underserved, with a demographic index of zero, with a high incidence of chronic illness the leading cause of death in Puerto Rico, and has been severely impacted by natural disasters due to climate change. The objectives are to1) Increase access to PA by engaging 160 participants with chronic illnesses in a 12-week Community Care **iNature** program for three years; 2) At least 80 % of participants will complete the 12-week program 3) At least 80 % of participants will be satisfied or very satisfied with the 18 activities in the 12-week program and 4) At least 50 % of participants continue visiting the reserve after completing the iNature program. **Products:** A iNature program that increases access to recreational activities for people with chronic illness and health limitations; content for workshops, seminars, and nature walks that are designed and planned by integrating participants' health conditions; and the increased participation of community members in the Punta Tuna Nature Reserve, that was designated after years of public environmental advocacy. This environmental justice project will advance leadership, and capacity building, develop collaboration among multi-stakeholder partnerships, and leverage resources. This **public education** project qualifies for special considerations as the project addresses building climate resilences and is executed in **rural areas** and quality assurance project plans (QAPP) does not need to be developed for this project.
Project Partner - Comité Pro-Desarrollo De Maunabo, Inc., Co-management Board of Punta Tuna Reserve, Iglesia Metodista de Puerto Rico "El Aposento Alto", Salas Outsourcing Solutions, Llc, Zulmarie Hernández Bello, Municipality of Maunabo and Égida de la Asociación de La Policía de Maunabo, Centro Educativo Sico Social Ayuda Inc.

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B. Issue Identification, Visioning, and Strategic Goal-Setting

Puerto Rico is a U.S. territory that in recent years has been devastated by an economic crisis, two major Hurricanes, Earthquakes and, the COVID-19 pandemic. These natural disasters have exacerbated poverty, severely impacted the urban and natural environment, and resulted in a weaker [1] health system. In addition, this year we have seen the significant increase in blackouts due to a failing electrical system.

Self-reported health status is far worse in Puerto Rico than in the mainland US, with adults reporting higher rates, 35.4 percent of fair or poor health compared to 17.9 percent in the mainland US. Human Resources Services Administration has deemed 72 of Puerto Rico's 78 municipalities as medically underserved areas and has identified 32 primary care health provider shortage areas[2].

Despite the importance of physical activity (PA) for good health, not all populations have equal access to PA facilities and resources. This disparity is an environmental justice (EJ) issue because of the negative impact on the health of low-income and racial/ethnic minorities[3]. With regard to PA, these communities face inadequate access to, quality of, financing for, and public involvement in recreation opportunities. Unfortunately, little dialogue has occurred between the recreation and public health professions in Puerto Rico.

Two community-based organizations Comité Pro-Desarrollo De Maunabo, *Inc* (COMITE)[4] and Cooperativa De Servicios Profesionales (COSPRO) are entering into a partnership to address this lack of access for PA as an **environmental injustice** by advancing justice and equity and using science-based strategies through a pilot project entitled: ***Community Care program for people suffering from chronic illness through immersion in nature (iNature) to Safeguard and Revitalize Communities in the Maunabo municipality*** (Fig. 1). The proposed project is aligned to the EPA FY mission, principles and strategy 6 and specific objective 6.3: Prepare for and Respond to Environmental Emergencies[5] . Further, iNature highlights the opportunities and advances in cooperation and collaboration between the Puerto Rico Department of Natural and Environmental Resources (DNER), public health researchers and practitioners, and community-based organizations that influence public health decisions at the macro (agency) and micro (individual) levels.

The Maunabo community is an underserved community directly impacted by **disproportionate** environmental and/or public health harms and risks. Chronic diseases are the leading cause of death in Puerto Rico[6]. In 2018, a comprehensive health profile study showed 20% reported smoking, 27% alcohol use, **74% light/sedentary physical activity**, 51% sleeping difficulties, and 36% self-rated fair/poor diet. Social support was moderate, and 53% screened positive for depressive symptomatology. Abdominal obesity was observed in 33% of men and 76% of women ($p < 0.0001$). Self-reported medically-diagnosed conditions included

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[1]The impact of Hurricane Maria on Puerto Rico's health system: post-disaster perceptions and experiences of health care providers and administrators
https://ghrp.biomedcentral.com/articles/10.1186/s41256-021-00228-w

[2] https://aspe.hhs.gov/sites/default/files/private/pdf/255466/PuertoRico_Assessment.pdf

[3] Taylor, W. C., Floyd, M. F., Whitt-Glover, M. C., & Brooks, J. (2007). Environmental Justice: A Framework for Collaboration Between the Public Health and Parks and Recreation Fields to Study Disparities in Physical Activity, *Journal of Physical Activity and Health*, *4*(s1), S50-S63. Retrieved Mar 9, 2023, from https://doi.org/10.1123/jpah.4.s1.s50

[4] http://comiteprodesarrollomaunabo.com/mision.htm

[5] https://www.epa.gov/system/files/documents/2022-03/fy-2022-2026-epa-strategic-plan-overview.pdf

[6] https://www.salud.gov.pr/CMS/DOWNLOAD/5533

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hypertension (39%), anxiety (30%), obesity (28%), arthritis (26%), hypercholesterolemia (24%), depression (22%), respiratory problems (21%), and diabetes (21%). Higher odds of having ≥2 cardiometabolic conditions (37%) was observed among participants aged ≥50y, with sedentary physical activity, and self-rated fair/poor diet[7].

In 2020, diabetes ranked third cause of death on the island. Which represents 60 adults for each 100,000 inhabitants died from this disease. In 2021, it was estimated that 16.8% (456,640) of adults of the population of Puerto Rico (PR) live with diabetes. About 1 in 6 adults has diabetes in PR. When compared to the states in the United States (USA), as of 2020, PR has a prevalence (age-adjusted) of 14.4%, while the US was 11.1% (median prevalence)[8]. In 2021, it was observed that the prevalence of diabetes increases with age, being the most affected group of 65 years or more (35.0%). It is observed that the prevalence of the condition is higher in those with a low economic income with less than $15,000 per year, a lower educational level or equal to high school, widowed, and retired.

In the aftermath of Hurricanes Irma and Maria, the severity of health disparities for diabetes was exposed with approximately 3000 persons dying in the aftermath of the Hurriacnes from complications of chronic illness such as diabetes, hypertension, and heart diseases. Similarly,the investigative report by Gabriel López Albarrán in 2020 reported that most people (78%) in Puerto Rico answered that they still regularly face some emotional challenges and symptoms two years after the Hurricane. He reported that those who live in vulnerable situations, who suffered losses as a result of the disaster, are at greater risk of developing symptoms related to post-traumatic stress syndrome, anxiety or depression. An important segment of the people affected in disasters and who face damage to their homes are adults over 65 years of age, who comprise 20% of Puerto Rico's total population (US Census, 2020). After Hurricane María, the Mental Health and Anti-Addiction Services Administration (ASSMCA, in Spanish) "did what it could"[9] and that the response would have been different and much more efficient if Puerto Rico had a more robust mental health infrastructure.

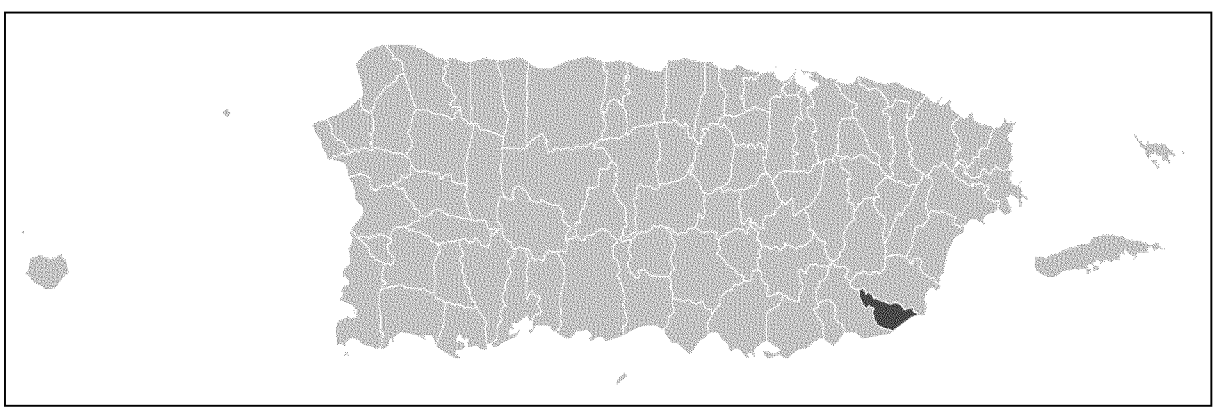

Figure 1: Map of Puerto Rico showing the Municipality of Maunabo in south east.

[7] Mattei, J., Tamez, M., Ríos-Bedoya, C. F., Xiao, R. S., Tucker, K. L., & Rodríguez-Orengo, J. F. (2018). Health conditions and lifestyle risk factors of adults living in Puerto Rico: a cross-sectional study. *BMC public health*, *18*(1), 491. https://doi.org/10.1186/s12889-018-5359-z

[8] https://www.salud.gov.pr/CMS/DOWNLOAD/6792

[9] https://periodismoinvestigativo.com/2020/09/recurrent-trauma-the-effects-of-climate-change-on-mental-health-in-puerto-rico/

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In 2021, the national obesity prevalence was 35 % of adults over 18 years of age. For Puerto Rico it was 35.95 %. Obesity prevalence in Puerto Rico increased from 28.4 % in 2012 to 35.95 % in 2021 growing at an average annual rate of 2.78%[10]. According to the Puerto Rico Heart Program, found that Puerto Rican men who are physically active experienced significant reductions in all-cause mortality compared with their sedentary counterparts[11].
Therefore, it is important to develop environmental justice projects by addressing and strengthening community capacity and leadership in public health and the environment. The proposed iNature program is designed and developed with community members, partners and leaders in the Municipality of Maunabo to increase PA in the community as a tool to improve management of chronic illness especially in communities impacted by climate-related disasters . The municipality is found in the direct path of Hurricanes and is constantly in a state of emergency from natural disasters. In recent years natural disaster events have increased in intensity and frequency increasing the community's health and environmental vulnerability.

Environmental and Public Health information of the Underserved Maunabo Community.

Population 10,506, 99.6 % Hispanics, 25 % over the age of 64, and 46 % of persons live in poverty (US CENSUS 2022)[12]. In addition, this within this municipality is a superfund site and a RMP facility (EJ, 2023)[13]. In 2017 There is only one health clinic within the municipality and is a medically underserved community (Fig. 2). The municipality has a higher number of death from heart disease, with 40-60% prevalence of inactivity for 18 years to 64 years old respectively, and the municipality had a high number who were overweight (Fig. 3).

The socio-economic, environmental, and health status of the community in Maunabo denies them the full opportunity to participate in all aspects of economic social, and civic life. Therefore the proposed iNature program was purposefully designed using the Collaborative Problem-Solving Model to provide community members the tools required to identify and manage their chronic illness crisis especially after the recent natural disasters. The iNature program is designed and developed by community leaders as a community care program that teaches participants to effectively manage their chronic illness to accelerate resilience and adaptation to natural distaers impacts caused by climate change. Evidence shows that community-in-home care model were more likely to improve depressive symptoms and mental health outcomes than physical health or service use outcomes[14], therefore we have designed an innovative program to include outdoor immersion in nature activities to improve PA[15,16].

[10]https://nccd.cdc.gov/dnpao_dtm/rdPage.aspx?rdReport=DNPAO_DTM.ExploreByLocation&rdRequestForwarding=Form
[11] https://www.sciencedirect.com/science/article/abs/pii/S1047279701002964
[12] US Census (2022) https://www.census.gov/quickfacts/maunabomunicipiopuertorico
[13] https://ejscreen.epa.gov/mapper/
[14] https://onlinelibrary.wiley.com/doi/full/10.1111/hsc.13085
[15] Bernacki (2021) https://www.linkedin.com/pulse/how-design-parks-inclusive-seniors-elderly-like-idea-factory-ed?trk=read_related_article-card_title
[16] Jenny Veitch, Elliott Flowers, Kylie Ball, Benedicte Deforche, Anna Timperio (2020) Designing parks for older adults: A qualitative study using walk-along interviews. Urban Forestry & Urban Greening, Volume 54, 2020, https://doi.org/10.1016/j.ufug.2020.126768.

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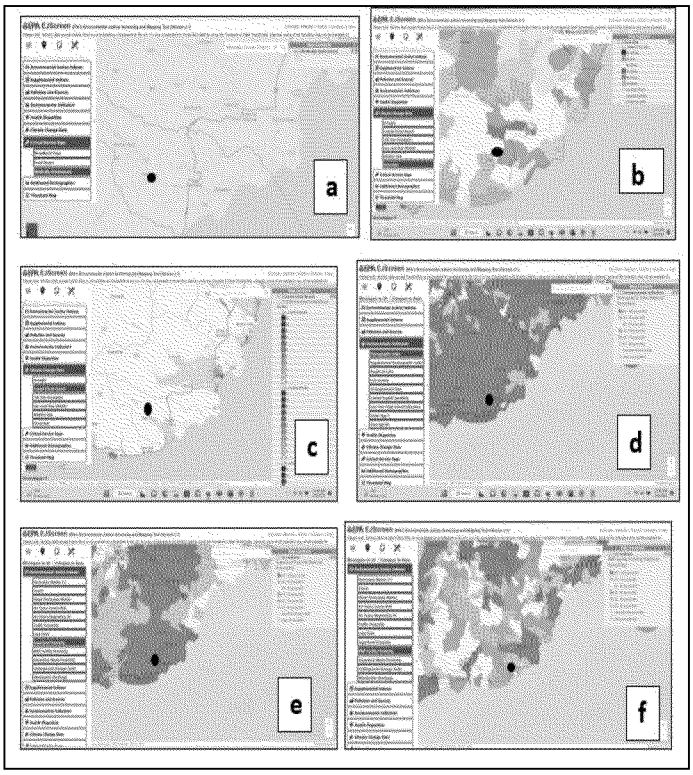

Figure 2: The Environmental Justice Profile of Maunabo Municipality indicated by black dot on maps a) Critical Services gaps in 90-100% percentile b)60-70 % percent Flood Risk c) Level 1 for coastal flooding d) 90-100% percentile for demographic index (Low income and people of color populations), e) 90-100% for proximity to a superfund sites and e) 90-95 percentiles for proximity to a RMP Facility.

With the exodus of health care professionals in Puerto Rico, many chronic illness patients are left to take care of themselves the best they can with the limited resources they have available. Many focus on their expensive medication needs and struggle to find other support (economic and social) to improve the management of their illness. The population of Maunabo with the socio-economic-environmental profile (Fig. 2 & 3) the community is extremely vulnerable to the impacts of climate climate change. In the proposed iNature project we will address both local environmental and public health issues, by empowering the community through educational and immersive activities to improve public health and building consensus and setting community priorities in the underserved community.

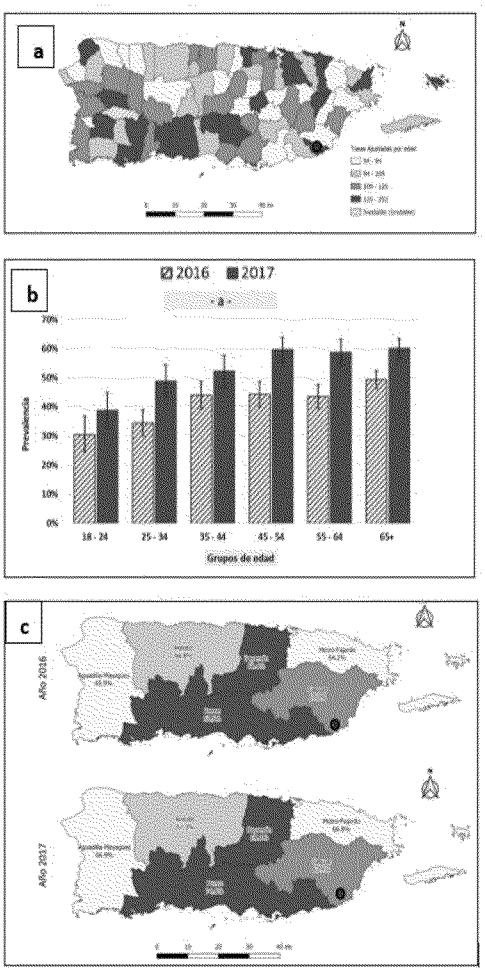

Figure 3: Environmental Justice profile of the municipality of Maunabo (red dot) a)Total deaths by heart disease b) Prevalence of Inactivity by age c) Prevalence of overweight by health regions in Puerto Rico.

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Development of Multi-Stakeholder Partnerships and Leveraging of Resources

Partnerships for iNature– a Formal partnership between presidents, memorialized in writing and legally binding will be formed between Comité Pro-Desarrollo De Maunabo, Inc (COMITE)[17] and Cooperativa de Servicios Profesionales (COSPRO) [18] for the development and the execution of the iNature project.

COSPRO is a **non-for-profit organization** whose mission is to offer professional advisory, consulting, training, development, management services of projects and orientation to the community on matters of public interest[19]. COSPRO is a versatile entity that provide services to a wide spectrum of companies, including suppliers and contractors from various sectors such as the Cooperative, Government, companies in the construction industry, transportation, development of infrastructure, urban and social development, municipalities, banks, educational institutions and Non-Governmental Entities (NGOs), among others. COSPRO has provided professional and technical services to municipalities and organizations who serve 90-100% percentile of Hispanics from underserved and underrepresented communities throughout Puerto Rico.

COMITE is a **community-based organization** in the southeast of Puerto Rico. The mission is to help improve the quality of life for citizens through the conservation of our natural environment and promote sustainable development alternatives for Maunabo and the southeast of Puerto Rico, and facilitate environmental education so that citizens are committed to the conservation of the natural environment. This community-based organization works to protect the Punta Tuna wetland and adjacent coastal systems of the town of Maunabo. After several years of public advocacy by the COMITE, the Department of Natural and Environmental Resources (DNER) in 2000 designated 447 ha. as the Punta Tuna Wetland Reserve (Reserve) protecting wetland and adjacent coastal systems in Maunabo[20]. For the past 25 years the COMITE through a co-management contract with DNER has been working closely with the state and federal agencies such as Department of Recreation and Sport to provide educational and outreach services to their community that are majority low-income, Hispanic and from rural areas in southern Puerto Rico[21]. For their work they have been awarded the EPA environmental Award in 2009.

The Reserve have received over 20,000 visitors including school children, youth, university students and visitors from PR and abroad. Only a low percent of the community members visit and use the nature reserve. The board of directors of COMITE, consisting of community leaders identified the place where they live, work, worship or play does not have these options and therefore makes it difficult for them to make the healthy choice to increase their PA. In 2002 the COMITE together with the DNER developed a nature trail for persons with impediments. The first nature trail of its kind in Puerto Rico allows participants with mobility impairments, the blind and audio impaired to enjoy nature. The impacts of Hurricanes and COVID-19 has severely impacted the services and visitors in the Reserve and at the same time caused an increase of chronic illness such as obesity, diabetes, heart disease, and mental health in the community to increase (Fig. 3). The iNature program aims to address this environmental

[17] http://comiteprodesarrollomaunabo.com/mision.htm

[18] State Department (2023) non-for-profit filing https://rceweb.estado.pr.gov/en/entity-information?m=oc&c=576-1221

[19] https://liga.coop/wp-content/uploads/2021/11/Directorio-de-Cooperativas-de-Tipos-Diversos-2021-2.pdf. COSSEC http://cossec.duckdns.org/cooperatives.php?city=65&type_of_cooperative_id=3&sector=22

[20] https://www.drna.pr.gov/noticias/drna-inaugura-veredas-para-ciegos-sordos-y-personas-con-impedimento-de-movimiento/

[21] https://www.facebook.com/groups/197423907131/?locale=es_LA.

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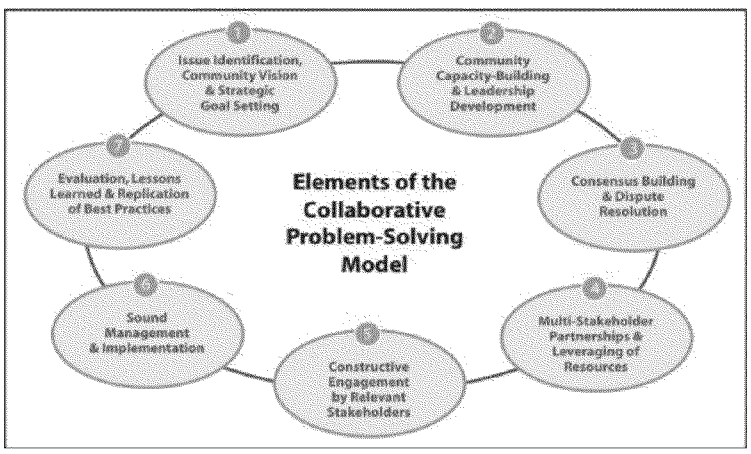
justice issue by increasing access to recreational activities for people with chronic illness and health limitations. This environmental justice project will advance leadership, capacity building, develop collaboration among multi-stakeholder partnerships and leverage resources to enhance green infrastructure and improve chronic illness management . This **public education** project qualifies for special considerations as the project addresses building climate resilences and is executed in **rural areas.**

C. Organization's Historical Connection to Underserved Community

Both COSPRO and COMITE work closely with underserved communities over the past 20 years in Puerto Rico. COSPRO works in environmental projects by providing scientific and technical assistance through professional and cooperative agreement contracts. COMITE has worked in the Maunabo municipality for over twenty years providing environmental advocacy and educational services. COSPRO works nationally with rural and underserved communities through partnerships with federal and non-federal stakeholders. COSPRO has worked on related USDA-funded projects ($158,798,00) for the low-income underserved municipalities of Culebra and Vieques (See Attached Compliance letters). In these projects entitled: Reduction of Solid Waste at the Vieques and Culebra Landfills, COSPRO was approached by the Major to work closely with stakeholders to find solutions to the municipal solid waste environmental problems. COSPRO trained landfill operators with best practices on solid waste management and developed with community leaders a Recycling and Composting Enterpreneurship Program for the two islands.

D. EJCPS Model

The project has been designed and will be implemented using the Environmental Justice Collaborative Problem-Solving (CPS) Model. **Community-Driven Participation** –Steps 1, 3 & 5 have begun to develop this EJ project. Below we present the application of the other 4 steps in the CPS model. The project was developed in consultation with the board members of the COMITE and community members in a meeting held on 11 March, 2023. Further, COSPRO has presented the project plan to several health care services providers in the region who support the project and are willing to leverage resources (see letters of support). They have provided inputs on the services to provide within the 12-week iNature program to ensure a holistic approach to improve the management of chronic illness through PA in the reserve. The community will further participate in the decision-making process of the iNature project through the advisory committee.



It is well known that lack of exercise is a major cause of chronic illness[22]. Therefore, to reduce the sedentary lifestyles of 160 community members over the age of 50 and to increase the number of visitors using the reserve, the COMITE in partnership with COSPRO will develop

[22] Booth, F. W., Roberts, C. K., & Laye, M. J. (2012). Lack of exercise is a major cause of chronic diseases. *Comprehensive Physiology*, *2*(2), 1143–1211. https://doi.org/10.1002/cphy.c110025https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4241367/

an environmental justice **Community Care program for chronic illness through immersion in nature (iNature)** program in Maunabo. The **goal of iNature project is to provide nature-based activities that are empowering and culturally relevant to improve chronic illness management in the disadvantaged communities in the municipality of Manuabo.**

The objectives are:

1. Increase access to PA by engaging 160 participants with chronic illnesses in a 12-week environmental justice Community Care **iNature** program for three years
2. At least 80 % of participants will complete the 12-week program
3. At least 80 % of participants will be satisfied or very satisfied with the activities in 12-week program
4. At least 50 % of participants continue visiting the reserve after completing the iNature program.

With financial and logistical support, the iNature project will provide the community with the services and support they require to improve their environment and health. The following barriers have been identified by the board of the COMITE that are currently preventing community members from participating in reserve activities: 1) Lack of knowledge about the reserve 2) Lack of transportation 3) State of their physical and mental health and motivation and 4) Concern for their safety within the reserve. Therefore, to address these environmental injustice issues, the COMITE and COSPRO are partnering with nature educators and healthcare professionals to develop a comprehensive holistic program to increase community immersion in nature to improve their physical and mental health as a tool to managing their chronic illness. COSPRO will enter into the partnership agreement with COMITE for the purposes of accountability for the proper expenditure of Federal funds, performance of the assistance agreement, liability for claims for recovery of unallowable costs incurred under the agreement.

COSPRO will be responsible for the administration and monitoring of the project for federal compliance while Comite will be responsible for the programmatic implementation of the project. COSPRO in this partnership will receive EPA funding as the direct recipient of the cooperative agreement and the other partner(s) or as a subrecipient(s). This partnership agreement allows members of COSPRO to provide technical support to Comite for the development of the environmental education program for participants with chronic illness. Comite will be responsible for recruiting and retaining participants throughout the 12-week program. Other partnerships will be formed with a mental-health service providers, health care providers and nutritionists through professional service contracts. The partners together with COSPRO and the COMITE will develop guidelines with activities to address participant's physical and well-being capacity. Participation level in nature activities will be developed according to participant health profiles.

e. Project Linkages: The iNature project is aligned to strategy 4, Goal 2, Objective 2.1, "Promote Environmental Justice and Civil Rights at the Federal, Tribal, State and Local Levels. The proposed CPS project assists vulnerable and underserved communities in Puerto Rico in developing proactive and innovative approach to address their environmental justice public health and environmental issues to achieve community health and environmental sustainability.

f. Partner and Collaboration: Constructive Engagement with Partners and Collaborators

The iNature community care program requires diverse partners for it to be effective. Therefore COSPRO and the COMITE have reached out to several partners who work in low-income Hispanic underserved communities.

The mental health provider, Dr. Zulmarie Hernandez is a social worker who had strong roots in the community. She will provide activities such as workshops and seminars on well-being and mindfulness for mental health[23] (see letter).

Healthcare providers will provide orientation to family members and friends of participants on understanding of and management of chronic illness during natural disasters[24] (to be identified). activities such as workshop and seminars on chronic illness preparation before, during and after natural disasters (to be identified).

Nutritionist/Dietitian will provide services to participants of healthy eating and lifestyle choices to improve their chronic illness conditions. activities such as workshop and seminars on mindful eating and develop menu plans for participants. (to be identified).

Constructive Engagement with Other Stakeholders

The iNature team will be working closely with other community leaders and organizations to promote project activities and provide the team with recommendation and suggestions through the creation of an advisory committee. The advisory committee will be comprised of two community leaders, one representative from the government, one medical plan health care provider and one social worker . The advisory committee is purposeful to ensure constructive engagement by stakeholders in the planning, execution and evaluation of the program activities.

Community Leaders have direct contact with participants and will be able to provide valuable feedback to the iNature team about logistics that they may not express in the satisfaction surveys. They can also help with challenges such as recruitment and retention of participants in the project.
Government Official, Mr. Humberto Figueroa has been collaborating on the co-management board of the Reserve since its inception and is familiar with the DNER policies and norms that govern the memorandum of understanding between the DNER and COMITE. He will provide advice on compliance with the MOU and opportunities for nature guides and participants of nature actvities within the DNER natural reserve system.
Medical Plan Service Provider, Mr. Edward Munoz, is the senior VP of SALUS Medical Health Care Plam, he will be able to evaluate the value of the project to include in potential activities that can be covered by the government medical plan. Currently, several services such as pet grooming, garden clean up and transportation to non-emergency medical appointments have been covered by the medical plans.

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[23] Merkes Monika (2010) Mindfulness-based stress reduction for people with chronic diseases. *Australian Journal of Primary Health* **16**, 200-210.
[24] https://link.springer.com/article/10.1186/s12889-019-6800-7

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The Municipal Major office, Community Leaders, and *other collaborators & stakeholders* in the iNature program have committed to promote recruitment events and calendar of activities in local community centers, Diabetes Center, and Doctors offices (see letters).

Furthermore, consultants will be hired through professional service contracts to develop and provide services for the proposed comprehensive holistic iNature program.

(1) One Health care provider will be hired to provide family and participants educational materials and workshops on understanding and managing their chronic illness during time of emergencies due to natural disasters. This partner already works in providing medical services to chronic illness participants and are familiar with shortfalls in holistic care. This experience strengthens the workshops so that they are meaningful and impactful with participants. (see letters)

(2) One Clinical Social Worker will be hired to provide workshops and educational materials on mental health and mindfulness. The social worker has been attending to underserved communities in southern Puerto Rico and is familiar with the state of mental-health within the community (see letters)

(3) One National association for Interpretation trainer will be hired to certify 5 community members to be nature guides for the continuation of the project. They will be responsible for working with health care provider to certify the planned nature walks are appropriate for participants with chronic illness, The trainer has over 20 years experience training and providing education nature tours to Hispanic audiences with diverse medical needs (see letter)

(4) Two nature guides will be hired to provide cultural relevant and appropriate nature walks within the reserve. Nature guides must be able to effectively communicate in Spanish and have empathy required to work with participants with disabilities and limitations due to chronic illness (not yet identified)

2.0 Project Activities / Milestone Schedule

Community Capacity Building and Leadership

Approach: iNature community care based program will follow the CDC's successful National Diabetes Program[3] approach. With the following components[3]:

Part 1: Education and Support for People with Chronic Illness: In this section, participants will learn about the roles of: 1. Health Care Providers; 2. Chronic Ilness Self-Management Education; 3. Their Community 4. Family and friends .

Part 2: Planning Community-Based Activities such as 1. Promoting healthy living; 2. Raise awareness of healthy behaviors and offer education programs and support groups; 3.Linking iNature participants to recognized or accredited chronic illness health care professional and centers in the region; 4) Offer space for recognized or accredited programs to give seminars and workshops by creating healthy environments, 5. Increase access to healthy food choices for persons with low income; and 6) Increase access to safe places to be physically activity.

Part 3: Tools and Resources such as 1. Assessing participants needs and resources and 2. Engaging Partners to work within the problem-solving model.

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Sound Management and Implementation

a. Project Objectives, Activities, Anticipated Products and Person Responsible.

Objectives	**Activities**	**Anticipated Products**	**Person Responsible**
1- Increase access to PA by engaging 160 participants with chronic illnesses in a 12-week Community Care **iNature** program for three years	Meeting with Advisory Committee to design and develop 12-week program Develop and implement communication campaign to recruit 160 participants from communities. Develop education activities and weekly calendar for: 1.Understand your chronic illness and connecting to nature 2. Mental Health 3. Nutrition 4. Nature Walks	Finalized Conceptual framework of iNature Program Posters, Flyers, Radio Announcement, Newspaper articles, social media posts, uploads and response. Select 100 participants per year 3 seminars for family and friends of participants. 3 Workshops on well-being and mindfulness 3 activities of building a healthy menu on a low-income budget Menu plans shared with participants 9 Nature walks that are aligned to groups illness and interest, Increase PA for project participants	Project Manager (PM) Project Coordinator (PC) PM PC Nature Guides Publicity Consultant Health Care Provider, PM, PC Mental Health Professional, PM, PC Licensed Professional, PM, PC Hired Nature Guides (NG), PM, PC
2- At least 80 % of participants will complete 6 nature immersion	Create a Digital support system of Motivation text messages.	Compendium of motivational texts Social media accounts in	PM, PC, NG Consultants, External Evaluator

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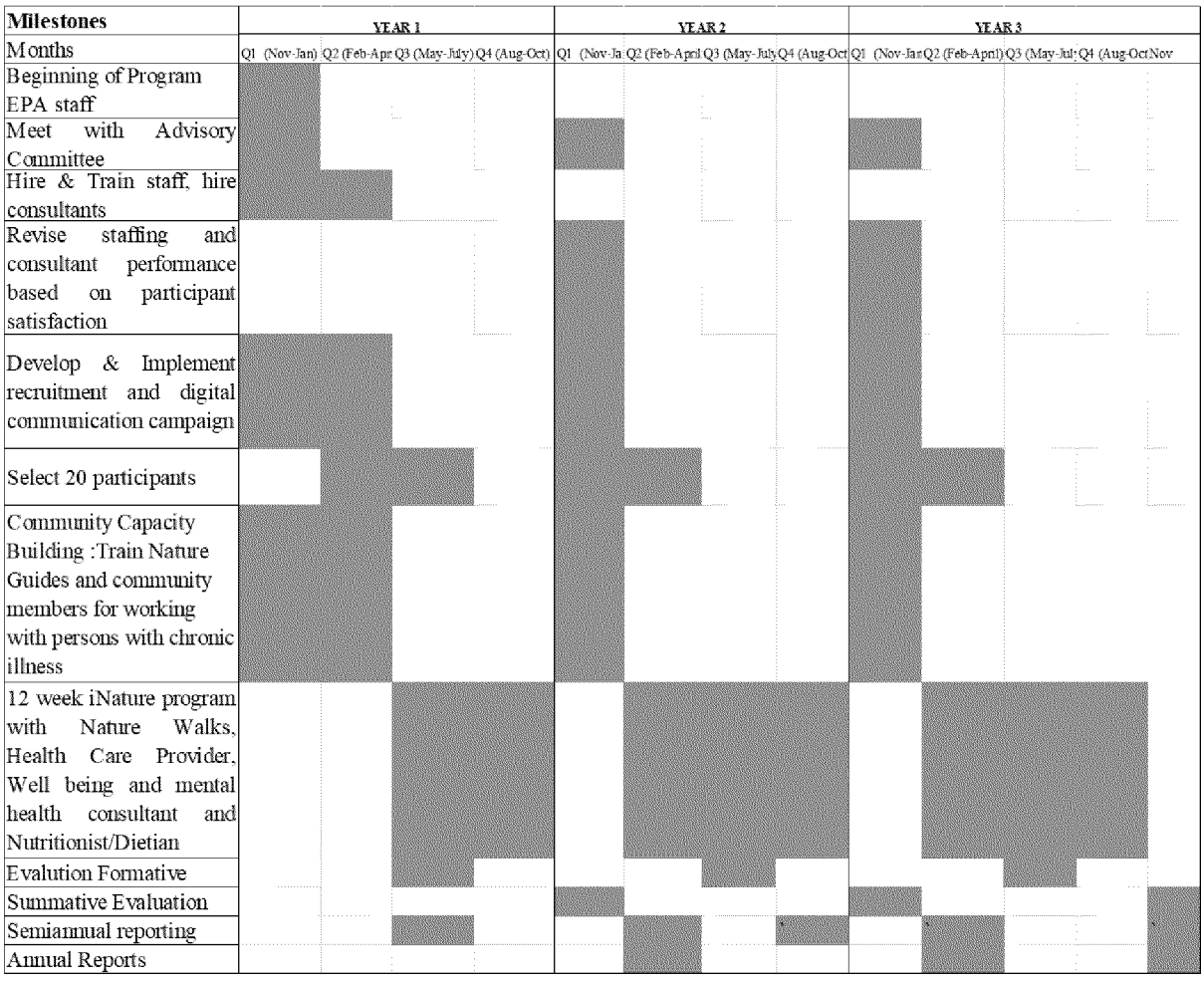
sessions of the 12-week program	Social media posts group of activities Phone call follow up from nature guides and other participants	Facebook, Tic Tok and Snapchat	
3-At least 80 % of participants will be satisfied or very satisfied with iNature activities	Develop participant satisfactions surveys for Workshops, Seminars and Nature immersion activities	Surveys administered and analysis	PM, PC, External Evaluator
4-At least 50 % of participants continue visiting the reserve after completing the iNature program.	Sign in sheet to longitudinal track of participant visits to Reserve	Increase visitors to Reserve	PC, NG

b. Milestone Schedule



c. Itemized Budget Sheet / Budget Narrative - See Attached Budget and Budget Justification

3.0 Environmental Results – Outputs, Outcomes, and Performance Measures

Evaluation, Lessons Learned and Repliation of best practices

a. Logic Model -
See Attachment

b. Performance Measurement Plan –The day to day activites of the project will be reported by the PC and PM to the Boards to COSPRO and COMITE via monthly reports take stock of where we are with respect to the tasks to achieve our 12 week iNature program and project milestones. We plan to meet PM to monitor and evaluate the performance of the project every months and present project progress to stakeholders and advisory board annually to evaluate the progress towards the goal of increasing PA for 160 participants to readdress EJ.

c. Sustainability Plan and Community Vision :Investment in Green Infrastruture through the iNature project will elevate the reserve as a community space for PA that is well designed, has interesting and diverse programming that is adapted for persons with chronic illness. The training of fifteen local community members as nature guides through the iNature project ensures sustainability of the program of actvities and the continued use of educational materials and natural features developed for the projects. The COMITE can offer an increased number of events in the Reserve therefore increase its income and thus its financial stability. The creation of the institutional structures and policies for obtaining and managing federal funds for programmatic activities and the partnerhip with COSPRO increases opportunities for the COMITE to diversify its funding source to include foundations and other federal programs.

The knowledge and skills acquired during the 12-week program will motivate participants to continue to use the reserve for PA. The lessons learned and removal of barriers of access to a nature reserve through this EJ project will allow the COMITE to further expand their educational programs to organizations in the community that work with seniors, children with learning disabilities, and communities members with health limitations. The COMITE will leverage the resources of the EJ iNature project to work with the local municipality and public health agencies to seek further funding to support non-traditonal visitors to the reserve. The educational materials provied for nutrition, well-being and mental health, understanding your disease and nature tours will remain in the visitors center for future visitors to the reserve. The additional natural features , resting places and meeting areas along nature trails developed with signage will be used for future educational tours.

The success of getting persons with chronic illness to make a lifestyle change in the 12- week iNature program has broader impacts as it can be replicated in the other 77 municipalities in Puerto Rico, where community members suffer from high-incidence of chronic illness and lack of access to PA. Also, the inclusion of the Health Care Service Provider, SOS as an advisory member is to showcase the communities vested interest in sustaining the project's momentum on managing chronic illness and to work on advocacy to provide continued logistical and financial support to non-traditional solutions such as iNature for Public Health Care into the future.

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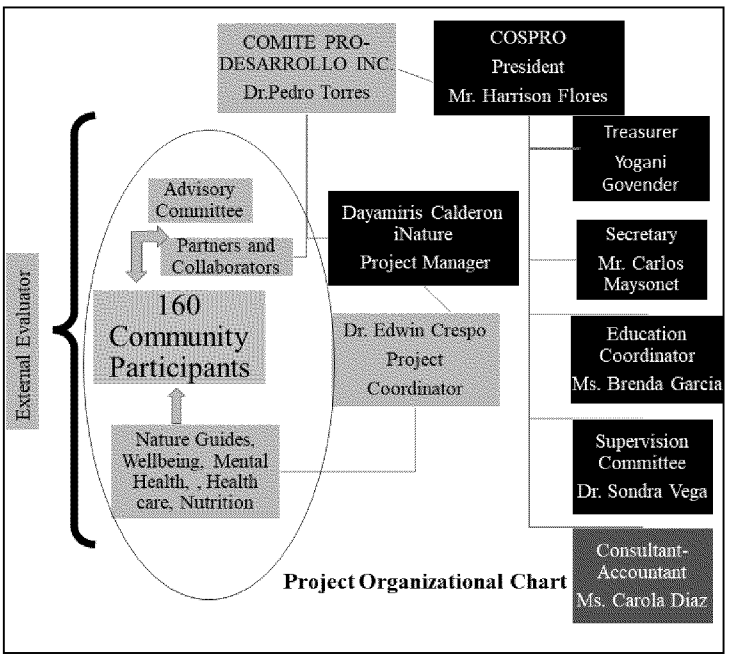
4.0 Programmatic Capability

a. Organizational Experience

COSPRO, projet team is experiential qualified to plan, execute and evaluate the iNature project. COSPRO has received funds from both federal, state, and non-federal organizations using an organizational structure of a worker's cooperative Law 239, 2004 (black shaed areas). We have an elected board of 5 members who are volunteers and a hired accountant who supervise the day-to-day financial operations of COSPRO. COSSEC is the governmental structure that provides financial and programmatic oversight and audits for COSPRO. We have had continued good standing since 2008 (Attachment Good standing certificate). The members pay an annual membership fee to participate in the cooperative, currently COSPRO has eight active members who submit proposals to provide technical and professional services. Members are financial compensated for the work they complete in projects and submit all relevant documentation to COSPRO's 5 member elected board. COSPRO has no employees but hires through professional services an independent accountant to monitor expenditures on external funded projects and submit trimestral financial reports to COSSEC. Accountant's services to ensure independent financial transparency of the Board to its members. The board members carry out the administration of COSPRO on a voluntary basis. COSPRO has in place the necessary controls to manage external funds and has successfully implemented all projects with collaborators and partners meeting the compliance of contracts and cooperatives agreements with state and federal agencies (see Attachment on Compliance).



COSPRO in the past three years received funds ($48,100.00) from the University of Interamerican, to provide technical assistance for two projects 1) the management of the Puerto Rico, Biodiversity Data Base and 2) Identify potential habitat of Coqui Llanero. COSPRO was successfully able to complete the project for three consecutive years by working in consultation and frequent meetings with faculty of Interamerican University and other state and federal partners (DNER & Fish & Wildlife Services). The detailed work plans COSPRO developed included project objectives aligned with specific activities, milestones and timelines to ensure effective supervision, compliance and programmatic and financial reporting. The Board supervised the implementation of the project within the work plan and ensured funds were spent in compliance with the terms of the contract. For the Coqui project three new members were brought into the project team to ensure the services required for the execution of the project was completed by experts in the field and results were achieved within the projected timeframe. All reports were submitted to the Agency in a timely manner to comply with project deadlines for biannual and final technical reports in Grantsolutions.

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b. Staff Experience

The project manager (PM) for the iNature Project hired by COSPRO will be Dayamiris Candelario Maysonet**.** She has over 15 years of experience working in supervising, overseeing the planning and implementation of education and conservation projects for diverse audiences in underserved communities. She has been responsible for providing environmental and interpretive activities for over 3,000 people per year (pk-12 students, families, homeschoolers, Boy Scouts, Girl Scouts, community groups, and volunteers); totaling over 38,000 people served over ten-years as environmental educator and interpreter. She has managed the first local project to investigate the potential positive effects in ADHD symptoms of Puerto Rican children after being exposed to nature and local forests. She is well recgonised as an effective educator and has won the Outstanding Interpreter Award of 2015 by The Sunny Southeast Region of the National Association for Interpretation (NAI). She has been the Director of the Centro Ambiental Santa Ana and was responsible for strategic planning, fund-raising, grant writing and management and reporting to Board and Donors. She developed the activities calendar according to clients needs and develop specific nature experiences based on the audience health and physical condition. She managed the first local project to investigate the potential positive effects in ADHD symptoms of Puerto Rican children after being exposed to local forests. She has grant management expertise and has worked with funds from foundations, US Forest Services, and the PR Department of Natural Resources. The PM will oversee overall project management. She will be responsible for the implementation of the project together with the PC. Her duties include providing day to day oversight of the grant. In addition, she will provide leadership for and direct all aspects of the project, working closely with all project staff to develop and implement all planned project strategies. She will oversee the execution of the programmatic and financial aspects of the project ensuring COSPRO and EPA compliance. She will be responsible for compliance of Non-Discrimination Obligations and Best Practices during the iNature project. She will be responsible in submission of reports to agency in timely manner and will work with hired accountant for payments inaccordance to process and controls of COSPRO and COSSEC.

The project coordinator, Dr. Edwin Crespo has committed to join the iNature project at Reserve as the project coordinator (PC). He holds a Ph.D. in Curriculum and Teaching and Learning Environments with a Concentration in Technology. He has worked in several federally funded projects training tecahers and has managed the School Improvement Grant (SIG) in rural and underserved communities in the south-east region of Puerto Rico. He has been recognized for his efforts as an educator by several organizations. He has been selected by the COMITE to lead the iNature project, for his dedication and volunteering efforts to provide the community of Maunabo services in the Reserve. He is a community leader who is well respected. and He has over 30 years experience working closely with low-income underserved communities to provide experiential learning education. He will work with COSPRO and the PM to plan, develop and execute the programmatic activities together with consultants, partners and stakeholders. He will be responsible for supervising the nature guides and coordinating all activities: nutrition, well-being and mental health, understanding chronic diseases, and nature activities to increase PA to improve chronic illness. He will work with the PM to ensure compliance with reporting requirements for the project.

All consultants hired through professional contracts have been or will be carefully selected for their experience working with low-income communities and/or are clinical practitioners working with patients with chronic illnesses .

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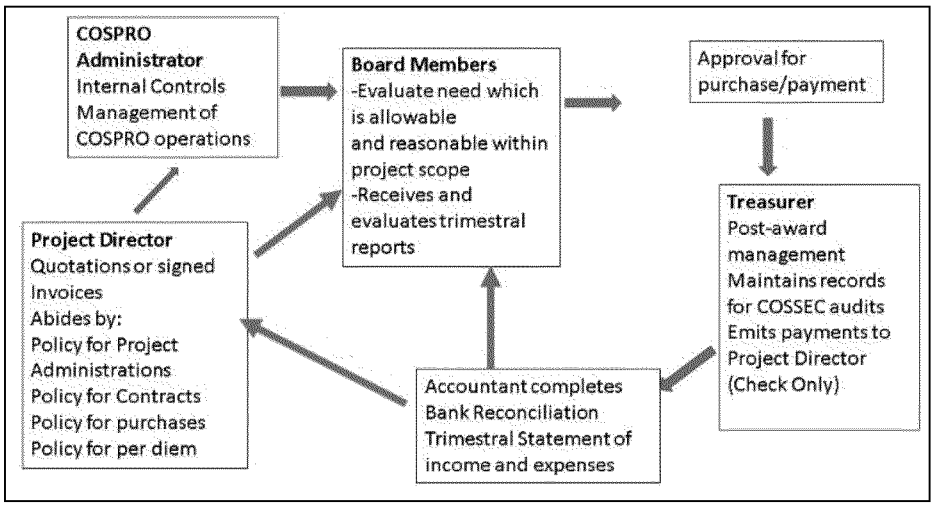
c. Expenditure of Awarded Grant Funds



COSPRO has in place established workflows for the management of projects with external funds. Our Peachtree system, is adequate to report Federal Awards in compliance with Federal statutes, regulation and terms and conditions of the EPA award. We have implemented effective control over and accountability for all funds. We confirm that our organization follow federal requirements for grants management and have written policies and procedures in place for determining the allowability of costs in accordance with terms and conditions of federal and state agencies. Our procedures and controls ensure that the awarded grant funds are spent in a timely and efficient manner. The treasurer manages post award tasks and is responsible for the drawdown of funds. By following the milestones chart above and by adhering to the timeline we will be certain to expend the funds in a timely manner.

5.0 Past Performance

No relevant grants or cooperative agreements in past three years.

6.0 Quality Assurance Project Plan (QAPP) Information

No Quality Assurance Project Plan (QAPP) Required

7.0 Evaluation Plan

External evaluation of this project will be conducted by Gabriele Haynes, Ph.D., Principal Consultant and Senior Researcher at Haynes Evaluation. Haynes Evaluation (HEVAL) provides culturally responsive external evaluation for several federally and philanthropically funded programs. HEVAL's areas of evaluation expertise include broadening participation in STEM, college student access and retention/graduation, professional and leadership development for faculty, and institutional cultural change. Haynes is a member of American Evaluation Association (AEA) and adheres to the professional and ethical values set forth by AEA, follows the What Works Clearinghouse (WWC) standards established by the U.S. Department of Education (What Works Clearinghouse (WWC), 2019), and the "Common Guidelines for Education Research and Development" of the Institute of Education Sciences and NSF and maintains current Collaborative Institutional Training Initiative (CITI) certifications for Social and Behavioral Responsible Conduct of Research. Haynes holds a master's degree in Program Evaluation from the University of Melbourne, Australia and a PhD in Education Leadership from the University of the Virgin Islands.

This evaluation will use mixed methods and will generate robust evidence that assesses program impacts including participant engagement as well as psychosocial metrics such as wellness and willingness to participate in physical activity and satisfaction with program components.

The study will be guided by the following (specific) research questions:

1. What are the relationships between exposure to the program components and changes in participant perceptions of well-being and willingness to participate in physical activity?
2. What are the impacts of the program activities on the number of chronically ill persons that participate in wellness activities?

Data Collection and Metrics

Data will be collected in both qualitative and quantitative forms. Administration of pre/post survey instruments for the iNature program will quantitatively measure (multiple choice/scaled responses) overall well-being (wellness) and willingness to participate in physical activity (PA). The surveys used will be modifications of existing (validated) instruments that are tailored to the specifics of the program. Open-ended survey items will be included to allow the "voice of the participants" (which is a crucial element in qualitative research) to emerge in the data. The pre/posttests will be administered immediately prior to and after the program activities.

Analyses

The program is expected to improve wellness and willingness to participate in PA by .5 standard deviation points above baseline (which will be collected with the pre-test). An improvement of .5 above baselines with 80% statistical power and effect size of .5 (moderate effect) is achievable with a sample size of ≥27 which is supported by the participation numbers. Changes in scores from pre- to post-assessment will be explored using matched-pair analysis to increase statistical power (Shipley et al., 1989), either using program-specific anonymous IDs or anonymous tracking via survey administration software. Effect sizes will be calculated using Hedge's g to determine whether small, medium, or large effect sizes were achieved in each quantitative outcome measure, per WWC standards (What Works Clearinghouse (WWC), 2019). Conventional content analysis (Creswell & Poth, 2017) will be used to code and analyze qualitative data from observation field notes and open-ended items on surveys to identify key themes about the cultural relevance, quality, and impacts of the activities and supports.

Reporting

Formative and summative reports will be submitted to PM and Boards of COMITE and COSPRO to make any relevant adjustments to programmactic activities. The formative and summative reporting underpins the project implementation and effective management. The consultant will submit reports according to milestone schedule to ensure the PM & COSPRO will comply with the EPA reporting requirements. Further, COMITE & COSPRO will provide EPA post-period follow-up and updates on project sustainability and long-term community revitalization impacts such a visits to the Reserve and improvement of community PA.

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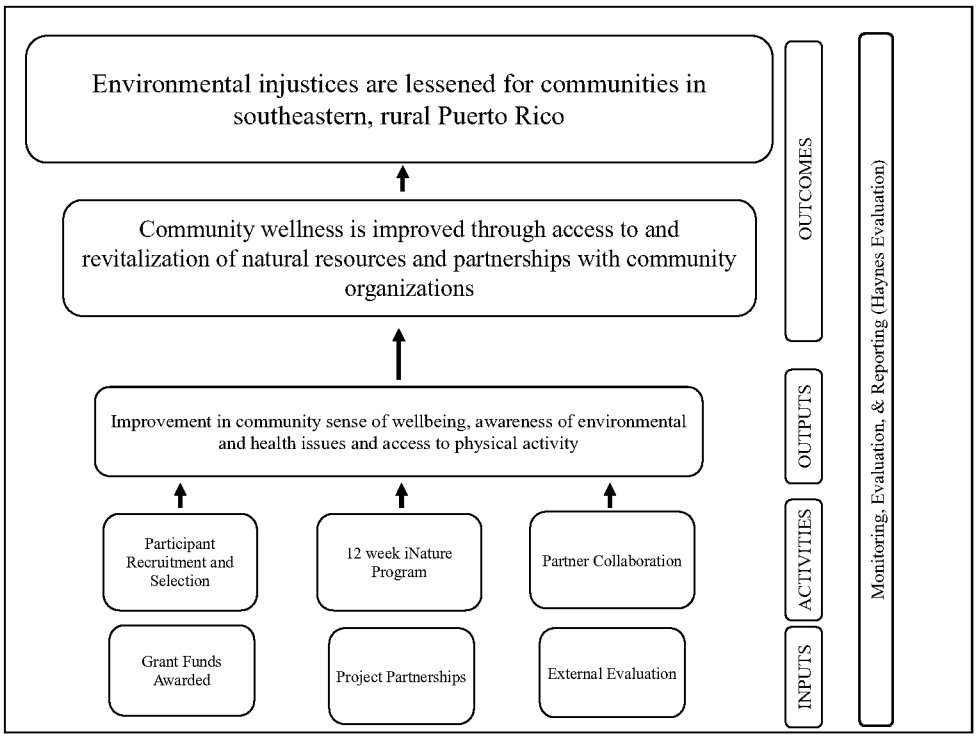
The program theory of change is represented in the visual graphic included below which complements the program logic model and will be used to guide the evaluation.



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Comité Pro Desarrollo de Maunabo Inc.
P.O. Box 1411
Maunabo, Puerto Rico 00707-1411

April 8, 2023

President
Cooperativa de Servicios Profesionales (COSPRO)

Re: Letter of partnership and commitment

The Board of the Comité Pro-Desarrollo De Maunabo, Inc a community-based nonprofit organization, is entering into a formal financial relationship with the Cooperativa de Servisios Profesionales (COSPRO) (partnership non-for-profit) to develop and implement an environmental justice project entitled: Community Care program for chronic illness through immersion in nature (iNature) to Safeguard and Revitalize Communities in the Muanabo municipality. A subaward agreement for the sum of $298,972.50 is planned to establish the partnership. The parameters of the partnership, and the role and responsibilities are detailed below:

1) COSPRO will enter into the assistance agreement with EPA for the purposes of accountability for the proper expenditure of Federal funds, performance of the assistance agreement, liability for claims for recovery of unallowable costs incurred under the agreement.

2) COSPRO in this partnership will receive EPA funding as the direct recipient of the cooperative agreement and the other partner(s) or as a subrecipient(s).

3) COSPRO will be responsible for the administration and monitoring of the project for federal compliance while COMITE will be responsible for the programmatic implementation of the project.

4) This partnership agreement allows members of COSPRO to provide technical support to COMITE for fiscal and programmatic management of the INature program.

5) COSPRO & COMITE will be responsible for compliance with all state and federal regulations to ensure continuation of project.

6) COSPRO & COMITE will comply with financial practices by having internal controls for

expenditure of federal funds using Uniform Guidelines and have accountability for the proper expenditure of Federal funds, performance of the assistance agreement, liability for claims for recovery of unallowable costs incurred under the agreement.

7) COSPRO and COMITE will develop strategies with advisory board members and collaborators for recruiting and retaining participants throughout the 12-week program.

8) COMITE will supervise and certify completion of services provided by personnel and consultants working in the iNature Project.

9) Share the necessary information, related to accountability, transparency, quality of service provision.

10) Coordinate the events, seminars, and conferences related to iNature project.

11) Handle the complaints about project in timely and respectful manner.

12) Participate in monitoring processes for fiscal and programmatic audits by relevant agencies.

13) Participate in the completion of relevant reports to the federal agency.

The iNature project was developed through the CPS model by COSPRO and COMITE consulting with community members and leaders, health care providers, environmental educators to address a serious environmental injustice for improving public health. The disadvantaged communities in the municipality of Muanabo are being served by this partnership. Community leaders will participate in the advisory committee during the decision-making processes and community members will be hired as personnel for the implementation of the proposed projects activities who will be responsible to ensure project participants served by the project are from the Municipality of Maunabo.

The partnership is built on mutual mission to provide services to underserved communities through projects that help transform them into healthy, thriving communities capable of addressing the environmental and public health challenges they have historically faced, as well as current and future challenges.

Sincerely,

Dr. PedroM. Torres-Morales
President
Comite Pro Desarrollo de Maunabo

April 5, 2023

Dr. Pedro Manuel Torres
Comite Prodesarrollo de Maunabo, Inc.
Maunabo, Puerto Rico

Cooperativa de Servisios Profesionales (COSPRO)

Receive a cordial greeting from all those who work in the Municipal Government of Maunabo and this server. The Municipality of Maunabo supports the project entitled: **Community Care for chronic illness through immersion in nature** (*iNature)* proposed by Comite Prodesarrollo de Maunabo Inc, (Comite) and Cooperativa de Servisios Profesionales (COSPRO) in the project The goals and objectives of increasing physical activities through immersion in nature to improve chronic illness in a underserved low income addresses historical environmental injustice. The major's office has in our strategic plan to improve public health. This 12-week program will have two-fold benefits 1) increase physical activities in citizens who have chronic illness and 2) increase the number of visitors using the Punta Tuna Reserve.

The major's office has worked closely with the COMITE providing logistical support to include school children and educators in the reserve educational and outreach activities. For the iNature project major's office will work with the iNature team to provide logical support such promote recruitment of participants in municipal offices and schools, facilitate a meeting with public health services providers of chronic illness in the municipality with the iNature team and participate in the advisory committee of the iNature project.

With the severe impacts of Hurricanes and COVID-19 pandemic and limited public funds available for recreation and sports in the municipality, the iNature project compliments the major efforts of increasing public health and welfare for our low-income underserved communities.

Sincerely,

Ángel Omar Lafuente Amaro
Major

El Municipio de Maunabo no discrimina de ninguna manera por razón de edad, raza, color, sexo, nacimiento, condición de veterano, deología política o religiosa, origen o condición social, orientación sexual o identidad de género, discapacidad o impedimento físico o mental; ni por ser víctima de violencia doméstica, agresión sexual o asecho.

PO BOX 8 Maunabo, Puerto Rico 00707 • Ex. 6 Personal Privacy (PP) • alcalde@maunabopr.com

Iglesia Metodista de Puerto Rico
"El Aposento Alto"
Reverenda Johanna González Reyes

April 10, 2023

Dr. Pedro M. Torres Morales
President
Comité Pro-Desarrollo de Maunabo, Inc,
Cooperativa de Servicios Profesionales (COSPRO)

I hereby certify that this servant, the Reverend Johanna González Reyes, senior pastor of the Methodist Church of PR "El Aposento Alto" Inc. de Maunabo, will join in collaboration with the Comité Pro-Desarrollo de Maunabo Inc, (COMITE) and Cooperativa de Servicios Profesionales (COSPRO) in the project entitled: Community care for chronic diseases through immersion in nature (iNature). My primary purpose will be as a counselor. I currently have a Master of Divinity (theological studies) and I am a doctoral student in Social Work with a specialization in administration of social programs and social policy.

The church that I pastor has a group of more than 60 people between the ages of 50 and 90; these people reside in the town of Maunabo. In addition, I am the coordinator of the Support Group for Caregivers and Relatives of Patients with Alzheimer's. One of the objectives of the church is to accompany the community in their life experiences seeking to obtain a full life within all the challenges they face daily, affirming God's love over all creation. Personally, as a community leader, I seek to affirm and support an integral health of the residents of Maunabo, which is aligned with the goals and objectives of this project.

Throughout the thirteen years that I have been residing in the town of Maunabo, I have supported various activities of the COMITE, contributing for the good of our communities. Therefore, I will partner with the COMITE on the iNature project to:

1. Promote the 12-week iNature project to Church members, Support Group participants, and the community at large.
2. Support meetings and outreach activities with iNature staff in the different areas in which I serve.
3. Support different activities as a counselor in said project.

Through this partnership, I will share experiences and feedback from those involved in the iNature project with staff to ensure the program meets the chronic disease needs of our community members. I totally support the project and I am confident that the participants will increase their physical activity within the Punta Tuna Reserve in the iNature project.

God bless you,

Rev. Johanna González Reyes- Senior Pastor

El Aposento Alto
Casa de Puertas abiertas para sanar corazones
• Calle José C. Barbosa #26 • PO Box 34 Maunabo, PR 00707 • Ex. 6 - Personal Privacy (PP) • Ex. 6 Personal Privacy (PP) • FB: Ex. 6 Personal Privacy (PP) •

SALAS OUTSOURCING SOLUTIONS

March 30, 2023

President,

COOPERATIVA DE SERVICIOS PROFESIONALES (COSPRO)

Re: Partnership for iNature Project

SALAS OUTSOURCING SOLUTIONS, LLC will enter into a collaboration with the COOPERATIVA DE SERVICIOS PROFESIONALES (COSPRO), to provide support for the development and implementation of the project entitled: *Community Care program for chronic illness through immersion in nature (iNature) in the Muanabo municipality* The partnership between COSPRO and Comité Pro-Desarrollo De Maunabo, Inc. to create a 12 week Community Care iNature program in Puerto Rico provides an innovative approach to tackling public health through environmental justice. The goal of the project to provide opportunities to 160 participants to increase their physical activities is aligned to the preventative care and educational programs of SALUS. Today, sedentary lifestyle or physical inactivity is common in the Puerto Rican population. Especially when barriers such as no motivation, do not want to do it alone and do not have equipment are imposed that limit the possibility of being active. https://saluspr.com/actividad-fisica-en-adultos/.

SALUS is a network of clinics created to simplify health care in Puerto Rico. We provide various primary medical services with more than 20 specialists and dentists under one roof. By working in an integrated way, you have a single electronic medical record for your convenience. In addition, they have preventive care programs, diagnostic testing services, and integrated programs that allow you to receive several services on the same day. Salus provides accessibility and efficiency in medical care on the island Puerto Rico.

In the partnership SOS, LLC commits to

- provide all health care providers in our network in Puerto Rico recruitment, promotional and educational materials produce through the iNature project.
- Access to health care providers to give educational seminars/workshops in the 12-week iNature program.
- Participate as an advisory board member in the iNature project

Cordially,

Edward Munoz

Senior Provider Executive

Ex. 6 - Personal Privacy (PP)

Mrach 27, 2023

President
Comite Prodesarrollo de Maunabo Inc,
Cooperativa de Servisios Profesionales (COSPRO)

Dr. Zulmarie Hernández Bello is delighted to partner Comité Prodesarrollo de Maunabo Inc, and Cooperativa de Servisios Profesionales (COSPRO) in the project entiled: ***COMMUNITY CARE FOR CHRONIC ILLNESS THROUGH IMMERSION IN NATURE*** (*iNaturaleza*). The goals and objectives of the project is aligned with our mission of providing patient care. In this role, Dr. Zulmarie Hernández Bello will:

1. Participate in planning meetings to develop a cultural relevant project for participants with chronic illness (obesity, diabetes, mental health, hypertension, heart disease).
2. Consultant in the development of educational resources to incorporate in the nature trails exercises that include wellness practices.
3. Consultant in development of workshops, seminars and talks for participants in mental health and holistic wellness e.g., (Endogrinoloy, Diabetes, Heart Disease or Obesity).
4. Refer patients and community with chronic illness to the iNaturaleza program.
5. Coordinate with Comité and COSPRO organize outreach activities in underserved, rural, and remote communities.

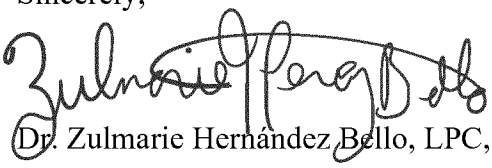
Dr. Zulmarie Hernández Bello is highly qualified to provide technical and outreach services to underserved, rural, and remote communities as we have been performing these services for over a dozen years (and our staff has been performing these types of services for much longer). Dr. Hernández holds a bachelor's degree in social work from the University of Puerto Rico, Río Piedras Campus. She completed a master's degree in social work with a specialty in Administration and Supervision from the Interamerican University Metropolitan Campus. She completed doctoral studies in Education with a concentration in Counseling from the Interamerican University Metropolitan Campus. At present, she holds the rank of Associate Professor at the Interamerican University Metro Campus. She has researched and published articles about the family in Puerto Rico, obstetric violence, gender violence, perinatal and child loss, old age, dyadic adjustment in the couple and compulsive sexual behavior in adults. Dr. Hernández is currently involved in a qualitative study with the University of North Texas on the effectiveness of services offered to children in communities after Hurricane Maria and other natural disasters. Currently, she serves as a collaborator and resource in a support group for families going through perinatal and child loss in the office of Dr. Roberto Burgos, Ob. Gyn., in Ponce Puerto Rico. She holds a certification in Child-Centered Play Therapy from the University

of North Texas at Dallas. Dr. Hernández has offered psychotherapy services in Caguas Puerto Rico and currently offers Play Therapy at Centro NOAC, Guayama.

Through this partnership, we will share best practices and experiences with working with underserved, rural, and remote communities to maximize the value of the technical assistance, training, and support/resources envisioned by this partnership, in addition, this partnership ensures an expeditious project start for technical assistance, training, and support resources as Dr. Zulmarie Hernández Bello already has an established framework for working in underserved, rural, and remote communities.

We fully support the project to ensure participants with chronic illness improve their health and wellbeing.

Sincerely,



Dr. Zulmarie Hernández Bello, LPC, MSW, CCPT

CENTRO EDUCATIVO SICO SOCIAL DE AYUDA, INC (CESSA)
PARROQUIA
SAN ISIDRO LABRADOR Y SANTA MARÍA DE LA CABEZA
MAUNABO, PUERTO RICO
Labrando en el límite...

April 10, 2023

President
Comité Pro Desarrollo de Maunabo, Inc.
Cooperativa de Servicios Profesionales (COSPRO)

The Centro Educativo Sico Social de Ayuda, Inc. (CESSA) of Maunabo will partner Comité Pro Desarrollo de Maunabo Inc, (COMITE) and Cooperativa de Servicios Profesionales (COSPRO) in the project entitled: Community care for chronic illness through immersion in nature (*iNature*). CESSA currently offers free social and psychological services to the community. Includes all ages. Our mission is to provide services that will promote positive changes on the participants self esteem to help them to value and improve their quality of life. The goals and objectives of the project is aligned with our mission of providing activities to persons within social and emotional conditions in the municipality of Maunabo. We have collaborated with the COMITE. We will form a partnership with the them in the iNature project to:

1. Promote the 12-week iNature project among participants of CESSA
2. Participate on meetings and outreach activities with iNature staff

Through this partnership, we will share experiences and feedback from persons that participate in the iNature project with staff to ensure the program meet the chronic illness needs to our community members. We fully support the project and look forward for our participants to increase their physical activity within the Reserve Punta Tuna in the iNature project.

Sincerely,

Paula Lebrón López, MSW, JD
Director of CESSA

PO BOX 248 MAUNABO, PUERTO RICO 00707

ED_016126_00000739-00008

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Clean and Healthy New York, Inc.

Address: 69 State St., Suite 1400C

City: Albany

State: NY: New York Zip Code: 12207-2546

B. Unique Entity Identifier (UEI): UXEQEJNU6J95

C. Applicant/Recipient Point of Contact

Name: Roberta Wilding

Phone: Ex. 6 - Personal Privacy (PP)

Email: bobbi@cleanhealthyny.org

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☒ Yes ☐ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

N/a

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

N/a

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

N/a

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII.	**Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)**	☒ Yes	☐ No
	a. Do the methods of notice accommodate those with impaired vision or hearing?	☐ Yes	☒ No
	b. Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?	☒ Yes	☐ No
	c. Does the notice identify a designated civil rights coordinator?	☐ Yes	☒ No
VIII.	**Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))**	☒ Yes	☐ No
IX.	**Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))**	☐ Yes	☒ No

X. If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.

N/a

XI. If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.

N/a

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Roberta Wilding	Executive Director	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Ms. First Name: Roberta Middle Name:
Last Name: Wilding Suffix:

Title: Executive Director

Complete Address:

Street1: 69 State St
Street2: Suite 1400C
City: Albany State: NY: New York
Zip / Postal Code: 12207-2546 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: bobbi@cleanhealthyny.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: Ms. First Name: Siobhan Middle Name:
Last Name: Burke Suffix:

Title: Senior Administrative Manager

Complete Address:

Street1: 69 State Street
Street2: Suite 1400C
City: Albany State: NY: New York
Zip / Postal Code: 12207-2546 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: siobhan@cleanhealthyny.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: Ms. First Name: Roberta Middle Name:
Last Name: Wilding Suffix:

Title: Executive Director

Complete Address:

Street1: 69 State Street
Street2: Suite 1400C
City: Albany State: NY: New York
Zip / Postal Code: 12207-2546 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: bobbi@cleanhealthyny.org

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: Ms. First Name: Roberta Middle Name:

Last Name: Wilding Suffix:

Title: Executive Director

Complete Address:

Street1: 69 State St.

Street2: Suite 1400C

City: Albany State: NY: New York

Zip / Postal Code: 12207-2546 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: bobbi@cleanhealthyny.org

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Clean and Healthy New York, Inc.

* b. Employer/Taxpayer Identification Number (EIN/TIN): 27-2047231

* c. UEI: UXEQEJNU6J95

d. Address:

* Street1: 69 State Street
Street2: Suite 1400C
* City: Albany
County/Parish: Albany
* State: NY: New York
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 12207-2546

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Ms.
* First Name: Roberta
Middle Name:
* Last Name: Wilding
Suffix:

Title: Executive Director

Organizational Affiliation:

* Telephone Number: Ex. 6 - Personal Privacy (PP)
Fax Number:

* Email: bobbi@cleanhealthyny.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

1250-Clean Air and A Healthy Future Project | Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Clean Air and a Healthy Future for Albany

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: 20 | * b. Program/Project: 20

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 | * b. End Date: 10/30/2026

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	500,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: | * First Name: Roberta

Middle Name:

* Last Name: Wilding

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 Personal Privacy (PP) | Fax Number:

* Email: bobbi@cleanhealthyny.org

* Signature of Authorized Representative: Roberta Wilding | * Date Signed: 04/14/2023

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Clean+Healthy Clean Air and a Healthy Future for Albany

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1234-EPA Collaborative Problems Solving Grant - Apr 14 2023.pdf
application/pdf
Api57PatMudCgHpbJeHbo09OEKc=

Ms.
Roberta
Wilding

Executive Director
69 State St
Suite 1400C

Albany
NY: New York
12207-2546
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
bobbi@cleanhealthyny.org

Ms.
Siobhan
Burke

Senior Administrative Manager
69 State Street
Suite 1400C
Albany
NY: New York
12207-2546
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
siobhan@cleanhealthyny.org

Ms.
Roberta
Wilding

Executive Director
69 State Street
Suite 1400C
Albany
NY: New York
12207-2546
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
bobbi@cleanhealthyny.org

Ms.
Roberta
Wilding

Executive Director
69 State St.
Suite 1400C
Albany
NY: New York
12207-2546
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
bobbi@cleanhealthyny.org

1235-Budget Clean Air and Healthy Future - Clean and Healthy New York 2023.pdf

application/pdf
34x92D2ACDTK52Fb7e4sjH/7CIU=

1236-Logic model - EPA Collaborative Problems Solving Grant Apr 14 2023.pdf
application/pdf
xloeXrmyc6hbWBw1d0gQR1wVRj4=

1237-AVillage letter of commitment.pdf
application/pdf
sgZqeg80LW7ix2S15Smhfa8kKlg=

1238-AHDC EPA Support letter.pdf
application/pdf
k0YDp3jRPYGiAd+dgoNIK7NN0ws=

1239-Radix 2023 commitment letter.pdf
application/pdf
9/FQ4Ym4eTqPFFtAehzLJoAj/3A=

1240-EPACPS grant - CAUL Commitment Letter_FINALedited.pdf
application/pdf
6gi41qvrOlzacX+vvloBc/fnnpg=

1241-2023-04-13 EPA Grant Commitment LWVAC_Final and Signed.pdf
application/pdf
1qTdcQhzN++mYcw8g9O6ibEL91A=

1242-Clean Air and Healthy Future_ACPHS.pdf
application/pdf
D3w2x7bxxoTCvY70FIBnKFB2Q94=

1243-TAAACUFE EPA Grant Commitment Letter_FINAL.pdf
application/pdf
p7z3bioeuJ3f5FNzYRt5Ow667JU=

1244-Albany County Letter of Support.pdf
application/pdf
l1RrLdleWNnuZq9QV52eG9dw1Go=

1245-CDTC CleanAir+HealthyFuture.pdf
application/pdf
rvjBuJvQIM7uSvw1glpk5ucgyqE=

1246-City Albany Sustainability commitment letter.pdf
application/pdf
FuGSBzAmjliZ+jsfo4k+MzgwFOQ=

1247-NAACP Clean & Healthy NY -Support Ltr.pdf
application/pdf
5A5urJkvi+E2ORo1m6ZKa/cBOtU=

1248-Roberta Wilding Resume 2022.pdf
application/pdf
Z4vf4RsB16eyWZtL1J0LXMI53ac=

1249-IRS Letter of Determination Sept 2014.pdf

application/pdf
80nymKnD/K9tKDUEzIhVKawHITY=

Application
New
2023-04-14
Clean and Healthy New York, Inc.
27-2047231
UXEQEJNU6J95
69 State Street
Suite 1400C
Albany
Albany
NY: New York
12207-2546
USA: UNITED STATES

Ms.
Roberta
Wilding

Executive Director
EX. 6 - Personal Privacy (PP)
bobbi@cleanhealthyny.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
1250-Clean Air and A Healthy Future Project location.pdf
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Clean Air and a Healthy Future for Albany
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2023-11-01
2026-10-30
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c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Roberta
Wilding

Executive Director
EX. 6 - Personal Privacy (PP)
bobbi@cleanhealthyny.org
Roberta Wilding
2023-04-14

Clean and Healthy New York, Inc.
69 State St., Suite 1400C
Albany
NY: New York
12207-2546

UXEQEJNU6J95
Roberta Wilding
EX. 6 - Personal Privacy (PP)
bobbi@cleanhealthyny.org
Executive Director
Y: Yes
N/a
N/a
N/a
N: No
Y: Yes
N: No
Y: Yes
N: No
Y: Yes
N: No
N/a
N/a
Roberta Wilding
Executive Director
2023-04-14

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Roberta Wilding
GRANT13861149

Arbor Hill Development Corporation

Serving urban neighborhoods of Albany since 1981

US Environmental Protection Agency
Environmental Justice Collaborative Problem-solving Cooperative Agreement Program
Funding No: EPA-R-OEJECR-OCS-23-01

April 13, 2023

Dear Reviewer:

Arbor Hill Development Corporation, (AHDC), a non-profit, Neighborhood Preservation Company, is pleased to provide this letter of commitment as a partner in Clean and Healthy New York's (C+H) Clean Air and a Healthy Future for Albany, NY project under the US Environmental Protection Agency's Environmental Justice Collaborative Problem-solving Cooperative Agreement Program. We have worked closely with C+H to develop this proposal.

AHDC looks forward to engaging and empowering community members in the City of Albany's most disproportionately impacted neighborhoods to determine their priorities for environmental health and justice actions and to speak for themselves with elected officials, government agencies, businesses and other NGOs to address the most pressing environmental justice concerns, including air pollution, vehicle traffic, especially in and around the Port of Albany, bulk storage of diesel and other toxic chemicals in the Port and at surrounding businesses, the impact of rail and road traffic on people living in Ezra Prentice housing, and the potential removal of I-787 as an elevated highway.

We bring our experience doing community-driven advocacy and are prepared to do the same in service of the Clean Air and Healthy Future for Albany, NY project. Specifically, we will:

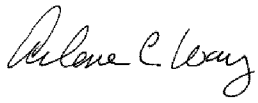
- Train an intergenerational corps of citizen scientists to collect data that supports the development of a geo-informed map and database. This tool will be available to community members in furtherance of Environmental Justice knowledge and advocacy campaigns.
- Attend and participate in Planning meetings and neighborhood forums.
- Recruit residents from Arbor Hill, North Albany, Sheridan Hollow, and West Hill to serve as neighborhood ambassadors on behalf of this initiative.
- Participate in the development and implementation of advocacy campaigns.

C+H has committed to entering into a partnership agreement for a subaward of $51,000 during the three-year grant period. We understand all work must be performed within those three years, without extension.

This project is an outgrowth of many years of work and the collaborative conversations facilitated under US EPA's award to C+H for their EVAAC Project (US EPA EJ Small Grants project).

We are confident that the proposed project will ensure greater cohesion among community members in Albany, greater visibility for the self-identified needs of those disproportionately harmed, and improvements being driven by these priorities being discussed and advanced by community members with elected officials, government agencies, businesses and industry in Albany, resulting in cleaner air and a healthier future for all.

Sincerely,



Arlene C. Way
Executive Director

241 Clinton Avenue Albany New York 12210~ Phone Ex. 6 - Personal Privacy (PP) Fax Ex. 6 - Personal Privacy (PP)
Visit us on the Web at www.arborhilldc.org

RADIX
ECOLOGICAL SUSTAINABILITY CENTER

April 13, 2023

RE: US Environmental Protection Agency
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
Funding No. EPA-OEJECR-OCS-23-01

To Whom it May Concern:

We are pleased to provide this letter of commitment as a funded partner in **Clean and Healthy New York's Clean Air and a Healthy Future for Albany, NY** project under the US Environmental Protection Agency's Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program.

The mission of the Radix Center is to promote equitable sustainability, ecological literacy, and environmental justice through education, advocacy, and the promotion of regenerative socio-ecological systems. The Radix Center gives children and adults a hands-on educational experience to understand the main environmental issues we face today, and the tools to work toward positive solutions. We cover air, health, food security, soil, and water pollution, renewable energy, waste reduction, composting, and organic food production based on demonstrations of sustainable practices. Our educational programs include Ecojustice Associates (EA), an afterschool and summer youth employment program for high school students. Through our program, high school students develop the knowledge, techniques, and advocacy tools needed to excel in STEM higher education while developing their resumes and earning money. We also have regular programming in the Albany City School District and assist with school gardens.

We launched the Albany South End Biocultural Diversity Forest project Fall 2021 and have planted 175 street trees, including many fruit and nut trees. Our work also centers around promoting food justice. We operate a one-acre urban farm and manage several neighborhood gardens for residents' use. We distribute produce from the gardens at the free food table by our entrance, at the South End Night Market, and to local food pantries. We have an X-Ray Fluorescence Spectrometer and offer free soil lead screenings to residents in Albany's environmental justice neighborhoods. We also operate the Community Compost Initiative (CCI), promoting composting through education, offering free compost drop-off, and running a curbside collection program that collects food scraps weekly from nearly 200 households and businesses via solar charged E-Bikes.

We have been partnering with AVillage for over 10 years on many endeavors to advance food and environmental justice in the South End. As part of the Ezra Prentice (EP) Community Health Program, we trained residents as outreach workers, conducted a survey of environmental concerns, health, and food access, and counted diesel vehicles. The preliminary results of these studies, showing elevated asthma and allergies, have focused public attention on the injustices at Ezra Prentice and spurred air quality studies from NYS Department of Environmental Conversation (DEC).

This summer we will begin collecting data for the Urban Heat Island Effect and the Impact of Tree Cover Study in collaboration with the City of Albany's Office of Sustainability. We will be collecting meteorological data from streets with varying tree cover in Albany's South End, with comparison sites in more affluent neighborhoods and outside of the city. We have also received funding from the NYS Department of Environmental Conversation to

RADIX
ECOLOGICAL SUSTAINABILITY CENTER

install air quality monitors at study locations and will be reporting back results to the community. Our Executive Director, Stacy Pettigrew, PhD, MS, has been selected to be the co-convener of the regional Community Advisory Committee for the DEC's Community Air Monitoring Program.

The Clean Air and Healthy Future for Albany project brings together a broad coalition of stakeholders, each of which have ongoing, longstanding, environmental justice projects, in the underserved communities identified as the targets of this project: the neighborhoods of South End, Mt. Hope, Sheridan Hollow, West Hill, Arbor Hill, North Albany, Downtown, Second Ave. in Albany, NY. Specific issues of concern include road traffic in and around the Port of Albany and I-787, train transport of toxic petrochemicals as well as their storage in the community, air pollution and other environmental hazards at the Ezra Prentice public housing community, indoor air pollution sources including combustion for heat and cooking, lead poisoning, and the heat island effect in the city.

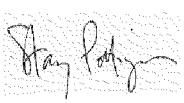
This project will expand, strengthen, integrate, and secure additional resources to sustain already existing and effective community-led environmental justice projects, and to identify priorities for government action and work with agencies and officials to implement them. This coalition will use integrative design as a community-led design approach and methodology to launch a neighborhood "greening" project, expand the Innovation Blocks community organizing program, and facilitate effective collaborative problem-solving to address social systems challenges. We have played an active role in the development of this proposed project.

Clean and Healthy New York has committed to granting a subaward of $60,000 over the no-extension three year grant period. We commit to:

- On-going participation in program planning and implementation coalition meetings, as well as community meetings, throughout the entire program period
- Environmental Educators consultation and support of Block Ambassadors in greening projects
- Lead soil screening via XRF Spectrometer and results consultation for residents in the target neighborhoods
- Assistance developing, administering, and analyzing community survey instruments
- Participate in the development of the Community Environmental Justice Agenda
- Lead the Health Impact Assessment

I am proud to be part of the Clean Air and Healthy Future for Albany coalition and believe this project will connect neighborhoods and build environmentally resilient communities that promote clean air and healthy futures in Albany, NY.

Yours truly,



Stacy Pettigrew, PhD, MS
Executive Director

Radix Ecological Sustainability Center
www.radixcenter.org info@radixcenter.org Mailing: Ex. 6 Personal Privacy (PP) Albany, NY 12202 Site: 153 Grand St., Albany, NY Ex. 6 - Personal Privacy (PP)

Capital Area Urban League
79 Troy Road
Suite 9 #286
Rensselaer, NY 12144
Ex. 6 Personal Privacy (PP)

Capital Area Urban League

US Environmental Protection Agency
Environmental Justice Collaborative Problem-solving Cooperative Agreement Program
Funding No: EPA-R-OEJECR-OCS-23-01

April 13, 2023

To whom it may concern:

The Capital Area Urban League Inc. (CAUL), a non-profit organization, is pleased to provide this letter of commitment as a partner in Clean and Healthy New York's (C+H) Clean Air and a Healthy Future for Albany, NY project under the US Environmental Protection Agency's Environmental Justice Collaborative Problem-solving Cooperative Agreement Program. We have worked closely with C+H to develop this proposal.

CAUL looks forward to engaging and empowering community members in the City of Albany's most disproportionately impacted neighborhoods to determine their priorities for environmental health and justice actions and to speak for themselves with elected officials, government agencies, businesses and other NGOs to address the most pressing environmental justice concerns, including air pollution, vehicle traffic, especially in and around the Port of Albany, bulk storage of diesel and other toxic chemicals in the Port and at surrounding businesses, the impact of rail and road traffic on people living in Ezra Prentice housing, and the potential removal of I-787 as an elevated highway.

We bring our experience as practitioners of participatory action research (PAR) and integrative design. We are relationship brokers in the community and are prepared to bring this knowledge, skills, and abilities for training and technical support in service of the Clean Air and Healthy Future for Albany, NY project. Specifically, we will:

- Design a train the trainer to train block ambassadors of AVillage's Innovation Blocks program as community organizers
- Solicit and facilitate the development of corporate and other stakeholder relationships to identify and secure additional funding and resources for long-term project sustainability and further project development
- Organize and facilitate the design of charrettes (based on participatory action research and integrative design methodologies) for stakeholder engagement and for identifying and planning the execution of community-led solutions

C+H has committed to entering into a partnership agreement for a subaward of $52,000 during the three year grant period. We understand all work must be performed within those three years, without extension.

This project is an outgrowth of many years of work and the collaborative conversations facilitated under US EPA's award to C+H for their EVAAC Project (US EPA EJ Small Grants project).

Capital Area Urban League
79 Troy Road
Suite 9 #286
Rensselaer, NY 12144
Ex. 6 Personal Privacy (PP)

Capital Area Urban League

We are confident that the proposed project will ensure greater cohesion among community members in Albany, greater visibility for the self-identified needs of those disproportionately harmed, and improvements being driven by these priorities being discussed and advanced by community members with elected officials, government agencies, businesses and industry in Albany, resulting in cleaner air and a healthier future for all.

Sincerely,

April Land

April Land
President & CEO
Capital Area Urban League, Inc.
aland@urbanleague3v.com
p. Ex. 6 - Personal Privacy (PP)

CAPITAL DISTRICT TRANSPORTATION COMMITTEE

One Park Place, Main Floor · Albany, NY 12205-2676
www.cdtcmpo.org *e-mail:cdtc@cdtcmpo.org*
Phone: Ex. 6 - Personal Privacy (PP)
Fax: Ex. 6 - Personal Privacy (PP)

Chair
Mayor Kathy M. Sheehan

Executive Director
Sandra Misiewicz, AICP

Albany County
Daniel P. McCoy
Andrew Joyce

Rensselaer County
Steven F. McLaughlin
Kelly Hoffman

Saratoga County
Theodore T. Kusnierz Jr.
Thomas Werner

Schenectady County
Anthony W. Jasenski, Sr.
Rory Fluman

City of Albany
Mayor Kathy M. Sheehan

City of Cohoes
Mayor William T. Keeler

City of Mechanicville
Mayor Michael Butler

City of Rensselaer
Mayor Michael E. Stammel

City of Saratoga Springs
Mayor Ronald Kim

City of Schenectady
Mayor Gary R. McCarthy

City of Troy
Mayor Patrick Madden

City of Watervliet
Mayor Charles V. Patricelli

Town of Colonie
Peter G. Crummey

Towns and Villages
Mark Hammond, Malta
Jaime Puccioni, Niskayuna

Alternates
George McHugh, Coeymans
Mayor Scott Rice, Schaghticoke

Albany County
Airport Authority
Philip F. Calderone, Esq.

Albany Port
District Commission
Richard J. Hendrick

Capital District Regional
Planning Commission
TBD

Capital District
Transportation Authority
Carm Basile

New York State Dept. of
Transportation, Region 1
Patrick Barnes

New York State
Thruway Authority
Phil Serafino

Non-Voting Members
Marie T. Dominguez, NYSDOT
Stephen Goodman, FTA
Richard J. Marquis, FHWA

April 7, 2023

Ms. Tasha Frazier
Environmental Program Specialist
USEPA Region 2

Re: Clean Air and a Healthy Future for Albany, NY

Dear Ms. Frazier:

The Capital District Transportation Committee (CDTC), the designated Metropolitan Planning Organization for New York's Capital Region, is pleased to offer our support for the application by Clean+Healthy NY, Inc. for funding through the USEPA's Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program for its Clean Air and a Healthy Future for Albany, NY project. The proposed project is consistent with the strategies of the Capital Region metropolitan transportation plan, known as New Visions 2050, which includes a set of principles, strategies, and budgetary priorities that guide regional investment in the next-generation transportation system.

CDTC's approach to transportation planning is comprehensive and holistic – a structured balance between actions that reduce congestion and improve safety, provide equitable access to transportation choices like transit, walking, or bicycling, and support economic development efforts. The plan is developed collaboratively with communities throughout the Region and with other local, state, and federal agencies.

CDTC stands ready to support Clean+Healthy NY, Inc. on the execution of this project. If you need any additional information, do not hesitate to contact me at smisiewicz@cdtcmpo.org or Ex. 6 - Personal Privacy (PP)

Sincerely,

Sandra Misiewicz, AICP
Executive Director

ALBANY COLLEGE OF PHARMACY
AND HEALTH SCIENCES

April 13, 2023

RE: US Environmental Protection Agency
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
Funding No. EPA-OEJECR-OCS-23-01

To Whom it May Concern:

As a faculty member of the Population Health Sciences Department at the Albany College of Pharmacy, I offer my commitment as an unfunded partner in **Clean and Healthy New York's Clean Air and a Healthy Future for Albany, NY** project under the US Environmental Protection Agency's Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program.

The Clean Air and Healthy Future for Albany project brings together a broad coalition of stakeholders, each of which have ongoing, longstanding, environmental justice projects, in the underserved communities identified as the targets of this project: the neighborhoods of South End, Mt. Hope, Sheridan Hollow, West Hill, Arbor Hill, North Albany, Downtown, Second Ave. in Albany, NY. Specific issues of concern include road traffic in and around the Port of Albany and I-787, train transport of toxic petrochemicals as well as their storage in the community, air pollution and other environmental hazards at the Ezra Prentice public housing community, indoor air pollution sources including combustion for heat and cooking, lead poisoning, and the heat island effect in the city. This project will expand, strengthen, integrate, and secure additional resources to sustain already existing and effective community-led environmental justice projects, and to identify priorities for government action and work with agencies and officials to implement them. This coalition will use integrative design as a community-led design approach and methodology to launch a neighborhood "greening" project, expand the Innovation Blocks community organizing program, and facilitate effective collaborative problem-solving to address social systems challenges. I have played an active role in the development of this proposed project.

I earned an MS in Epidemiology and a PhD in Environmental Health Sciences from the University at Albany School of Public Health. I have a long record of community engagement and facilitation of academic-community partnerships. I am the Principal Investigator on the South End Community Health Study, which was part of the Ezra Prentice (EP) Community Health Program, an academic-community collaboration with the community advocacy organization AVillage and the Radix Ecological Sustainability Center, which I co-founded. We trained residents as outreach workers, conducted a survey of environmental concerns, health, and food access, and counted diesel vehicles. The preliminary results of these studies, showing elevated asthma and allergies, have focused public attention on the injustices at Ezra Prentice and spurred air quality studies from NYS Department of Environmental Conversation (DEC). I presented results at the International Society for Environmental Epidemiology's Annual Conference and have a manuscript under preparation.

I am also leading the Urban Heat Island Effect and the Impact of Tree Cover Study in collaboration with the City of Albany's Office of Sustainability and the Radix Center. We will be collecting meteorological data from streets with varying tree cover in Albany's South End, with comparison sites in more affluent neighborhoods and outside of the city. We have also received funding from the NYS Department of

Environmental Conversation to install air quality monitors at study locations and will be reporting back results to the community. I am also the co-convener of the regional Community Advisory Committee for the DEC's Community Air Monitoring Program.

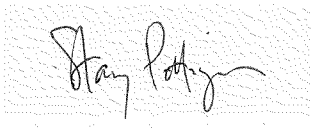
In addition to Environmental Health Science, Topics in Environmental and Climate Justice, Statistics for Public Health, and Determinants of Health, I teach the Service Learning in Public Health class, in which students are required to complete 40 hours of community service over the semester. I look forward to involving students to assist neighbors with their block greening projects, as well as the collection and analysis of data for community surveys and the Health Impact Assessment.

I commit to:

- On-going participation in program planning and implementation coalition meetings, as well as community meetings, throughout the entire program period
- Assistance developing, administering, and analyzing community survey instruments
- Participate in the development of the Community Environmental Justice Agenda
- Lead the Health Impact Assessment

I am proud to be part of the Clean Air and Healthy Future for Albany coalition and believe this project will connect neighborhoods and build environmentally resilient communities that promote clean air and healthy futures in Albany, NY.

Sincerely,



Stacy Pettigrew, PhD, MS
Assistant Professor
Department of Population Health Sciences

DANIEL P. MCCOY
COUNTY EXECUTIVE

COUNTY OF ALBANY
OFFICE OF THE EXECUTIVE
112 STATE STREET, ROOM 1200
ALBANY, NEW YORK 12207-2021
Ex. 6 - Personal Privacy (PP) - FAX Ex. 6 - Personal Privacy (PP)
WWW.ALBANYCOUNTY.COM

DANIEL C. LYNCH, ESQ.
DEPUTY COUNTY EXECUTIVE

April 13, 2023

Radix Center
153 Grand Street
Albany, NY 121202

US Environmental Protection Agency
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
Funding No. EPA-OEJECR-OCS-23-01

To Whom It May Concern:

We are pleased to provide this letter of commitment as an unfunded partner in **Clean and Healthy New York's Clean Air and a Healthy Future for Albany, NY** project under the US Environmental Protection Agency's Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program.
The Clean Air and Healthy Future for Albany project brings together a broad coalition of stakeholders, each of which have ongoing, longstanding, environmental justice projects, in the underserved communities identified as the targets of this project: the neighborhoods of South End, Mt. Hope, Sheridan Hollow, West Hill, Arbor Hill, North Albany, Downtown, Second Ave. in Albany, NY. Specific issues of concern include road traffic in and around the Port of Albany and I-787, train transport of toxic petrochemicals as well as their storage in the community, air pollution and other environmental hazards at the Ezra Prentice public housing community, indoor air pollution sources including combustion for heat and cooking, lead poisoning, and the heat island effect in the city. This project will expand, strengthen, integrate, and secure additional resources to sustain already existing and effective community-led environmental justice projects, and to identify priorities for government action and work with agencies and officials to implement them. This coalition will use integrative design as a community-led design approach

and methodology to launch a neighborhood "greening" project, expand the Innovation Blocks community organizing program, and facilitate effective collaborative problem-solving to address social systems challenges.

We commit to participating in Clean Air and Healthy Future for Albany's public meetings to produce a Community Environmental Justice Agenda.

This coalition's green community organizing project will connect neighborhoods and build environmentally resilient communities that promote clean air and healthy futures in Albany, NY.

Thank you,

Sincerely,

Daniel P. McCoy
Albany County Executive

LEAGUE OF WOMEN VOTERS®
OF ALBANY COUNTY

US Environmental Protection Agency
Environmental Justice Collaborative Problem-solving Cooperative Agreement Program

Funding No: EPA-R-OEJECR-OCS-23-01

April 13, 2023

To whom it may concern:

The League of Women Voters of Albany County (LWVAC), a grassroots non-partisan, non-profit organization committed to diversity, equity and inclusion, is pleased to provide this letter of commitment as a partner in Clean and Healthy New York's (C+H) Clean Air and a Healthy Future for Albany, NY project under the US Environmental Protection Agency's Environmental Justice Collaborative Problem-solving Cooperative Agreement Program.

We have worked closely with C+H to develop this proposal as well as on the lead up steps to this project. The LWVAC looks forward to engaging and empowering community members in the City of Albany's most disproportionately impacted neighborhoods to identify their priorities for environmental health and justice action and speak for themselves with elected officials, government agencies, businesses, and NGOs. Promoting this skill-building is intended for use in addressing pressing environmental justice concerns. These concerns include air pollution, vehicle traffic, especially in and around the Port of Albany, bulk storage of diesel and other toxic chemicals in the Port and at surrounding businesses, the impact of rail and road traffic on people living in Ezra Prentice housing, the potential removal of I-787 as an elevated highway, and the absence of green spaces to mitigate the effects of climate change.

The LWVAC has a 100+ year track record as an organization with the mission of working to protect and expand voting rights and ensure everyone is represented in our democracy. Our organization aims to empower voters and defend democracy through advocacy, and education at the local, state, and national levels of government. We bring a strong history and wide experience in advocacy to this project. LWV routinely publishes position papers to guide the grassroots membership in taking action on issues facing our country, our state, and our communities, as well as joins sign-on letters, sends letters to industries and individuals, and aids in organizing to make community voices heard. Examples from the environmental front include:

- LWVUS urges the EPA to take additional measures to reduce methane air pollution from the oil and gas industry, via a 2/13/2023 letter to EPA Administrator, Michael S. Regan.
- LWVNYS adopted a Climate Emergency Resolution in 2021, calling upon the LWVNYS Board and local Leagues to urge the State and local governments to adopt and publicize "Declarations of Climate Emergency."
- LWVAC co-authored a Four County League "Position on Waste" in 2022 which outlines our commitment both to environmental stewardship and environmental justice.
- LWVAC locally advocated for passing the Clean Water, Clean Air, and Green Jobs Bond Act of 2022 (Prop 1).

The LWVAC is prepared to share in providing the needed education and advocacy training in service of the Clean Air and Healthy Future for Albany, NY project. Specifically, we will:

- Support empowerment through the development of advocacy skills of the Block Ambassadors via Train-the-Trainer Program and implement with partners (some of whom may be outside of this proposal).
- Assist in coordinating and conducting community meetings for the capacity-building of residents to fully advocate for themselves, and in partnership with other entities, to plan visits and engage with legislators and other decision makers in all levels of government.
- Promote the advancement of environmental justice and civil rights, and work to complement the organizing strategies and training being provided to community leaders and residents by other community based organizations; we will highlight the need for voter participation and the methods to do so, in various settings including community meetings and tabling events.

C+H has committed to entering into a partnership agreement with LWVAC for a subaward of $3,500 during the three-year grant period. We understand all work must be performed within those three years, without extension. This project is an outgrowth of many years of work and the collaborative conversations facilitated under US EPA's award to C+H for their EVAAC Project (US EPA EJ Small Grants project).

We are confident that the proposed project will ensure greater cohesion among community members in Albany, greater visibility for the self-identified needs of those disproportionately harmed, and improvements being driven by these priorities being advanced by community members via discussions and advocacy with elected officials, government agencies, businesses and industry in Albany, resulting in cleaner air and a healthier future for all of Albany's residents.

Sincerely,

MaryKate Owens
President, League of Women Voters Albany County

T he • A lbany • A frican • A merican • C lergy • U nited • F or • E mpowerment

President
Pastor McKinley Johnson Sr.

Head Quarters
74 Fourth Ave, Albany, New York 12202
Phone: Ex. 6 Personal Privacy (PP)

Vice President
Dr. Victor Collier

Treasurer
Rev. Ronald Howard

April 13, 2023

To whom it may concern:

The African American Clergy United for Empowerment, a non-profit organization, is please to provide this letter of commitment as a partner in Clean and Healthy New York's (C+H) Clean Air and a Healthy Future for Albany, NY project under the US Environmental Protection Agency's Environmental Justice Collaborative Problem-solving Cooperative Agreement Program.

The African American Clergy United for Empowerment looks forward to engaging and empowering community members in the City of Albany's most disproportionately impacted neighborhoods to determine their priorities for environmental health and justice actions and to speak for themselves with elected officials, government agencies, businesses and other NGOs to address the most pressing environmental justice concerns, including air pollution, vehicle traffic, especially in and around the Port of Albany, bulk storage of diesel and other toxic chemicals in the Port and at surrounding businesses, the impact of rail and road traffic on people living in Ezra Prentice housing, and the potential removal of I-787 as an elevated highway.

Our organization brings together African American clergy from across Albany and we look forward to participating in regular project meetings and promoting public activities, including town halls, surveys, and public meetings to our congregations in service of the Clean Air and Healthy Future for Albany, NY project.

This project is an outgrowth of many years of work and the collaborative conversations facilitated under US EPA's award to C+H for their EVAAC Project (US EPA EJ Small Grants project).

We are confident that the proposed project will ensure greater cohesion among community members in Albany, greater visibility for the self-identified needs of those disproportionately harmed, and improvements being driven by these priorities being discussed and advanced by community members with elected officials, government agencies, businesses and industry in Albany, resulting in cleaner air and a healthier future for all.

Sincerely,

Rev. McKinley Johnson Sr.
President of TAAACUFE

NAACP®

National Association for the Advancement of Colored People
Albany Branch

Debora Brown-Johnson, President

April 13, 2023

US Environmental Protection Agency
Environmental Justice Collaborative Problem-solving Cooperative Agreement Program
Funding No: EPA-R-OEJECR-OCS-23-01

To whom it may concern:

The Albany NAACP, a non-profit Civil Rights Organization, is pleased to provide this letter of commitment as a partner in Clean and Healthy New York's (C+H) Clean Air and a Healthy Future for Albany, NY project under the US Environmental Protection Agency's Environmental Justice Collaborative Problem-solving Cooperative Agreement Program. We have worked closely with C+H to develop this proposal.

The NAACP organization looks forward to engaging and empowering community members in the City of Albany's most disproportionately impacted neighborhoods to determine their priorities for environmental health and justice actions and to speak for themselves with elected officials, government agencies, businesses and other NGOs to address the most pressing environmental justice concerns, including air pollution, vehicle traffic, especially in and around the Port of Albany, bulk storage of diesel and other toxic chemicals in the Port and at surrounding businesses, the impact of rail and road traffic on people living in Ezra Prentice housing, and the potential removal of I-787 as an elevated highway.

We bring our experience fighting to ensure the civil and human rights of black, brown, and marginalized communities are protected and are prepared to do the same in service of the Clean Air and Healthy Future for Albany, NY project. Specifically, we will:

- Participate in planning meetings and townhall forums.
- Engage in the development and implementation of advocacy campaigns.
- Meet with media and political leaders in furtherance of the effort.
- Keep NYS NAACP Leadership informed, and
- Facilitate litigation, when necessary.

This project is an outgrowth of many years of work and the collaborative conversations facilitated under US EPA's award to C+H for their EVAAC Project (US EPA EJ Small Grants project).

We are confident that the proposed project will ensure greater cohesion among community members in Albany, greater visibility for the self-identified needs of those disproportionately harmed, and improvements being driven by these priorities being discussed and advanced by community members with elected officials, government agencies, businesses, and industry in Albany, resulting in cleaner air and a healthier future for all.

Sincerely,

D Brown-Johnson

Debora Brown-Johnson

P.O. Box 38205, Albany, New York 12203
Telephone: Ex. 6 - Personal Privacy (PP) *** Email: Ex. 6 - Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) Cobleskill, NY 12043

Ex. 6 - Personal Privacy (PP)

bobbi@cleanhealthyny.org

Qualifications

Strong public speaker, writer, and organizer. Recognized national leader. Proven policy advocate. Effective coordinator and facilitator of projects, campaigns and collaborations. Experienced fundraiser, both through private foundations and individual donors. Technically proficient with word processing, spreadsheets and databases, bookkeeping, basic HTML design, graphic design and layout, including using Microsoft Office Professional suite, Open Office, GIMP, Canva, Intuit Quickbooks, basic ESRI mapping, Adobe products.

Professional Experience

Clean and Healthy New York, Inc., formerly Clean New York (2006-present)

Executive Director (2021 - present): Responsibilities include overseeing the organization, creating and implementing annual work and fundraising plans, staff management, liaising with the Board of Directors as well as program responsibilities. These include guiding the production of the national Building Healthy Futures Summit and ongoing related work, directing the national Getting Ready for Baby campaign, serving on numerous advisory boards, providing thought leadership on coalition campaigns for Lead Free Kids New York and the JustGreen Partnership.

Deputy Director (2010 - 2020): Worked with the Executive Director to craft and implement campaign and fundraising plans, served as Chief Financial Officer to the Board of Directors, represented the organization to the media, funders, allies and policy makers, assisted Executive Director in directing staff, and served as a national leader within a variety of collaborative efforts. Directed the national Getting Ready for Baby campaign and Reducing Toxics in Child Care program, conducted product screening and reported results in county and statewide reports, designed CHNY materials. Wrote and co-wrote numerous reports, including *New York State's Environmental Health Leadership: A Roadmap to a Nontoxic, Just, Sustainable Circular Economy*.

Organizing Director (2006 - 2012): Responsibilities include joint organizing for Clean New York campaigns, building a base of organizations across New York State, financial management and fundraising. Provide leadership through state and national collaborative. Supported legislative advocacy campaigns on e-waste, BPA, lead, and flame retardants at the county and state levels. Co-authored national biomonitoring report, *Is It In Us? Chemical Contamination of Our Bodies: Toxic Trespass, Regulatory Failure and Opportunities for Action* (www.IsItInUs.org) and co-coordinating Physicians for Social Responsibility's national Health Care Professional Biomonitoring Project, *Hazardous Chemicals in Health Care: A Snapshot of Chemicals in Doctors and Nurses*.

Citizens' Environment Coalition (1998 - 2006)

Associate Director (2002- 2006): Responsible for budget and cashflow development and oversight, fundraising, and leadership of the Community Environmental Hazards Project and advocacy campaigns. Researched and authored *Environmental Racism in New York State*, co-wrote *Building Green without Going in the Red: a Guide to Healthy, Affordable Building Materials*, created ecothreatny.org.

Program Associate (2001-2002): Responsible for Community Environmental Hazards Advocacy Project (GIS mapping) and the NYC Health Care Without Harm campaign. Fundraising and program support.

Health Care Without Harm Associate (1999-2000): Conducted monthly NYC coalition meetings, liaison to national campaign. Wrote *Environmentally Safe Hospitals* for waste managers and purchasers.

Intern (1998-1999): Organized 90-person conference at Beth Israel Medical Center on environmentally safer hospital waste management and purchasing practices.

Field Manager (1998): Responsible for nightly Community Outreach staff and financial management.

New York Public Interest Research Group (1997-1998)

Project Coordinator, State University of New York at Albany (1997–1998): Organize students on priority projects. Staff office on University campus. Coordinate with state NYPIRG staff.

Field Manager: Responsible for nightly Community Outreach staff and financial management.

Public Interest Research Group in Michigan (1996)

Field Manager: Responsible for nightly Community Outreach staff and financial management.

Education

Master of Science Degree, Suma Cum Laude: 2003
Ecological Economics, Values and Policy
Rensselaer Polytechnic Institute, Troy, NY

Bachelor of Science Degree, Magna Cum Laude: 1997
Environmental Science – Biology Concentration
Rensselaer Polytechnic Institute, Troy, NY

Leadership positions

- Safer States Steering Committee member 2021-present
- NYS Children's Environmental Health Centers advisory board member 2021-present
- Getting Ready for Baby leader: 2013-present
- Safer States Liaison to the Interstate Chemicals Clearinghouse: 2010-present
- Interstate Chemicals Clearinghouse workgroup member: 2008-present
- New York State Pollution Prevention Institute Advisory Board member: 2008-present
- Within Coming Clean: BPA Coordinator: 2009-2011. Emerging Technologies Workgroup: 2007-2008. Fenceline Action Workgroup Co-leader: 2003-2007
- Fenceline Taskforce Co-leader of the of the Alliance for a Toxic Free Future: 2005-2006
- Governor's Pollution Prevention Awards Selection Committee Member: 2001-2003

Volunteer and community work

- Theater Project of Schoharie County Board of Directors: 2007-2009, 2021-present
- Member of the Schoharie County Democratic Committee 2020-present
- Girl Scout Troop leader 2014-2019
- Citizens for a Clean Environment (CFACE) Board of Directors: 2000-2009
- Campus Action (as student and then Board Member): 1993-2005

IRS Department of the Treasury
Internal Revenue Service

ATLANTA GA 39901-0001

In reply refer to: 0752861009
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CLEAN AND HEALTHY NEW YORK INC
CLEAN NEW YORK
% KATHLEEN A CURTIS
62 GRAND STREET 2ND FLOOR
ALBANY NY 12207-1403

027105

Employer Identification Number: 27-2047231
Person to Contact: Customer Service
Toll Free Telephone Number: Ex. 6 - Personal Privacy (PP)

Dear Taxpayer:

This is in response to your Aug. 29, 2014, request for information regarding your tax-exempt status.

Our records indicate that you were recognized as exempt under section 501(c)(3) of the Internal Revenue Code in a determination letter issued in December 2011.

Our records also indicate that you are not a private foundation within the meaning of section 509(a) of the Code because you are described in section(s) 509(a)(1) and 170(b)(1)(A)(vi).

Donors may deduct contributions to you as provided in section 170 of the Code. Bequests, legacies, devises, transfers, or gifts to you or for your use are deductible for Federal estate and gift tax purposes if they meet the applicable provisions of sections 2055, 2106, and 2522 of the Code.

Please refer to our website www.irs.gov/eo for information regarding filing requirements. Specifically, section 6033(j) of the Code provides that failure to file an annual information return for three consecutive years results in revocation of tax-exempt status as of the filing due date of the third return for organizations required to file. We will publish a list of organizations whose tax-exempt status was revoked under section 6033(j) of the Code on our website beginning in early 2011.

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CLEAN AND HEALTHY NEW YORK INC
CLEAN NEW YORK
% KATHLEEN A CURTIS
62 GRAND STREET 2ND FLOOR
ALBANY NY 12207-1403

If you have any questions, please call us at the telephone number shown in the heading of this letter.

Sincerely yours,

Kim D. Bailey
Operations Manager, AM Operations 3

1.0 Program Objectives *A. Project Summary Page*

Project Title: Clean Air and a Healthy Future for Albany

Project Location: In Albany, NY: South End, Mt. Hope, Sheridan Hollow, West Hill, Arbor Hill, North Albany, Downtown, Second Ave. Zip codes include: 12202, 12204, 12206, 12207, 12210.

Applicant Information: Clean and Healthy New York, Inc. | Bobbi Wilding, Executive Director | 69 State St. Suite 1400C, Albany, NY 12207 | Cell: Ex. 6 - Personal Privacy (PP) | bobbi@chny.org | chny.org

Description of Applicant Organization: Clean and Healthy New York (C+H) advocates for a just and healthy society where toxic chemicals are unthinkable. Our work changes laws, shifts markets, and empowers people. C+H provides thought leadership nationwide; coordinates coalitions; and authors reports. We work with Albany-based groups to advance Clean Air and a Healthy Future for our community. **Applying for Small CBO Set Aside Track:** No

Project Abstract:
The Clean Air and Healthy Future for Albany project brings together a broad coalition of stakeholders, each of which have ongoing, longstanding, environmental justice (EJ) projects in the underserved communities targeted in this project: Albany's South End, Mt. Hope, Sheridan Hollow, West Hill, Arbor Hill, North Albany, Downtown, and Second Avenue neighborhoods. Specific issues of concern include road traffic in and around the Port of Albany and I-787, train transport and storage of toxic petrochemicals, air pollution from combustion for heat and cooking and stationary sources, concerns at Ezra Prentice housing, lead poisoning, and urban heat islands. This project will expand, strengthen, integrate, and secure additional resources to sustain already existing and effective community-led EJ projects, and identify priorities for government action and engagement with agencies and officials. We will use integrative design as a community-led design approach to launch a neighborhood "greening" project, expand the Innovation Blocks community organizing program, and facilitate effective collaborative problem-solving to address social systems challenges. We will produce a survey, conduct outreach to community members, and organize public meetings to produce a Community EJ Agenda, and empower residents to speak about their needs with local, regional, state and federal officials, during public comment periods and through town halls that our coalition will organize to facilitate dialog. Through government partners, we will help ensure that future funding efforts successfully address the primary concerns identified and articulated by the community. This coalition will connect neighborhoods and build environmentally resilient communities that promote clean air and healthy futures in Albany, NY.

Project type(s): public education, leadership development, engagement with governments.

Special Considerations: Health Impact Assessment re: I-787. Climate Resiliency.

Environmental Issues: Air pollution, climate impact mitigation, toxic chemical storage and transport, indoor air quality and toxics

Project Partners: Albany County League of Women Voters, Albany NAACP, AVillage Inc., Arbor Hill Development Corp., Capital Area Urban League, Capital District Transportation Committee, City of Albany Sustainability Office, Radix Center, The Albany African American Clergy United For Empowerment

QAPP Required? We don't believe so; survey results will be used for educational purposes only.

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B. Environmental and Public Health Information of the Underserved Community

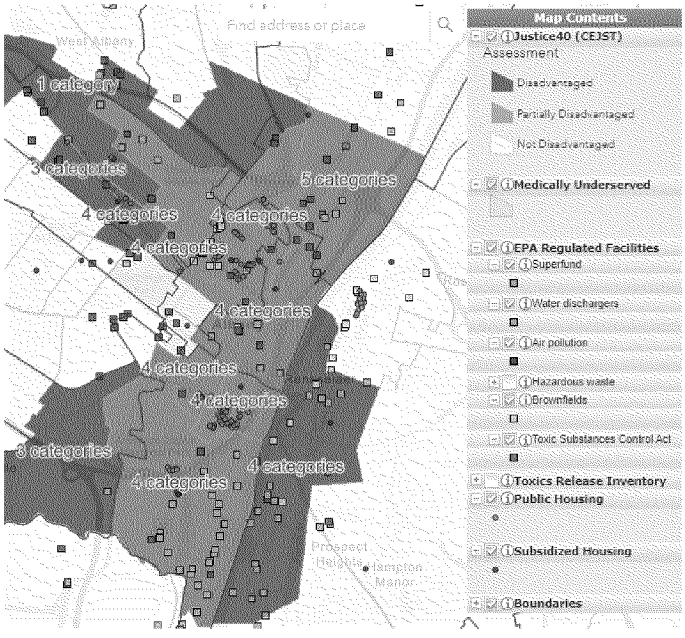
This project will serve the neighborhoods in Albany, NY along the I-787 corridor which have been identified as being "disadvantaged communities" by CEQ in four or more categories. This includes parts of Albany, NY: South End, Mt. Hope, Sheridan Hollow, West Hill, Arbor Hill, North Albany, Downtown, and Second Avenue, primarily the corridor along I-787. Zip codes include (all and partial): 12202, 12204, 12206, 12207, 12210.

The people who live in these communities are predominantly Black, Indigenous and other People of Color, and/or low income, with life expectancies 7-8 years lower than the state average, and significantly lower than surrounding communities.



The following tracts are identified on the EJScreen as disadvantaged for the purposes of Justice 40 in four areas - health, housing, legacy pollution, and workforce development: 36001000200, 36001000600, 36001000700, 36001000800, 36001001100,36001002300, 36001002500, and 36001002600. Tract 36001000100 is identified for these four, as well as for transportation impacts.

At the same time, these neighborhoods are also predominantly medically underserved, and are home to much of the city's public and subsidized housing. Because of the age of many of the buildings, lead poisoning remains a serious concern. As this part of the City of Albany is close to the Hudson River, portions of this area are within the 100 year flood plain, a concern that will increase due to climate change. The areas described are urban, with significant portions covered in nonporous surfaces. As climate change increases, without intervention, the urban heat island effect already experienced is likely to increase.



The South End of Albany was designated a potential environmental justice area by DEC in 2003. The neighborhood is also identified as a Disadvantaged Community by the NYS Climate Justice Working Group. Home to roughly 8300 residents, the South End is a majority Black, historically redlined neighborhood with a $27,750 median household income (2019 American Communities Survey). 32% of households live below the poverty line. The southern

tip of Albany is an industrial area that includes the Port of Albany, state Route 32, and interstate highways I-787 and I-87. In response to community concerns, the DEC conducted extensive air quality monitoring at Ezra Prentice Homes, a public housing complex located on the southern border of the neighborhood. The study observed elevated levels of Traffic Related Air Pollution along Route 32 at Ezra Prentice and elevated levels of benzene at the Albany County Health Department's monitor, located next to the neighborhood's public elementary school.

In addition to air pollutants, the neighborhood qualifies as a food desert by USDA criteria due to the absence of grocery stores and transportation opportunities. While a legacy of redlining has resulted in general disinvestment, it can also be seen in decreased tree cover and greenspace compared to more affluent neighborhoods, which result in elevated temperatures.

In the northern part of our geographic range, Arbor Hill Development Corporation (AHDC) serves an estimated population of 24,388 residents approximately 26% of whom are under the age of 18 and 14 % are seniors, age 62 or older. 71.8 % are persons of color. The median income for the service area is $29,993 with an unemployment rate as follows for the neighborhoods: Arbor Hill (10.10%), North Albany (10%), Sheridan Hollow (18%), West End (14%), and West Hill (16%). 52% of the service area pays 35% and more of the gross household income for rent.

Environmental Hazards in AHDC Service Area include: brownfields and hazardous waste sites including former auto repair, metal plating, printing, dry cleaning facilities, the former ANSWERS plant which still burns natural gas to power the State campus, and old manufactured gas plant. Active facilities include Davies Office which holds a permit to release solvents and carcinogens into the air, and Surpass Chemical Co, which stores chlorine gas onsite, and is required to have an emergency plan under the Emergency Planning Community RIght-to-Know Act.

Due to the age of its buildings, the Arbor Hill community has a very high amount of lead paint in its housing stock, which can cause developmental and respiratory problems, discomfort, and irritability. Highways and major roads I-90, I-787, US Hwy 9, and major roads like State Route 85, Washington Ave., Clinton Ave. and Central Ave., bring very high levels of traffic through and around Arbor Hill, resulting in some of the highest levels of diesel particulates nationally. This results in community members having worse than average respiratory health problems according to the EPA's National Air Toxics Assessment. Air quality in areas near major roads increases the likelihood of asthma attacks, impaired lung function, dementia, cardiovascular disease and cardiovascular morbidity.

Residents of the South End bear a disproportionate share of health issues, compared even with the other demographically similar neighborhoods in our focus. The NYS Department of Health (2019) observed significantly greater hospitalization rates for asthma, chronic obstructive pulmonary disease, acute bronchitis, and hypertension in the South End compared to Albany's Arbor Hill/West Hill, a demographically similar neighborhood. Children's emergency department visits for asthma were also higher. A community-academic collaboration conducted a health study in 2016-2019, observing elevated asthma rates at South End public housing complexes Ezra Prentice Homes (34%) and Creighton Storey Homes (21%).

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As stated in the 2019 Capital Region Community Health Needs Assessment, compared to the Capital Region (CR) as a whole, South End (SE) residents have elevated hospitalization rates (CR:SE per 10,000 residents) for asthma (11.3:78.1), congestive heart failure (18.6:68.8), coronary heart disease (21.5 : 31.2) heart attack (13.0:18.6) chronic lower respiratory disease (23.0:116.2) any diagnosis of diabetes (169:568.6), primary diagnosis of diabetes (11.1:43.8); and rates of emergency department visits for asthma (44.5:251.1), chronic lower respiratory disease/chronic obstructive pulmonary disease (66.2:324.0).

Environmental and Public Health Issues Addressed by the Project

This project will help address a number of environmental health and justice concerns, including road traffic in and around the Port of Albany and I-787 including the potential removal of I-787 as an elevated highway, air pollution and other environmental hazards at the Ezra Prentice public housing community, indoor air pollution sources including combustion for heat and cooking, train transport of toxic petrochemicals as well as their storage in the community, lead poisoning, and the heat island effect in the city. It addresses public health concerns including respiratory, cardiac, and neurological impacts from indoor and outdoor pollution and stress.

Results Achieved by the Project and Community Benefits

This project's goals are to improve community health and longevity (including respiratory and heart health) through community education and empowerment, building ongoing collaborative problem solving among stakeholders, centering the voices and needs of disproportionately impacted residents.

Our objectives are as follows:

1) Use one-on-one outreach, meetings, surveys and other tools to develop a Community Environmental Justice Agenda that reflects the needs and priorities of the disproportionately impacted communities of Albany.
2) Build community capacity for leadership and engagement in public processes
3) Improve community health by connecting and leveraging the many projects already underway by partners and others in the City of Albany
4) Increase community capacity to engage and respond to environmental justice concerns as they arise, particularly as pertains to Climate Change disaster responsiveness.
5) Increase coordination among stakeholders through regular meetings and a website hub.

The community will benefit from this project in numerous ways. Albany-based organizations are often either focused on addressing state policy, due to Albany's position as the State's capital, or on specific neighborhoods. There are many important projects underway to address environmental and social justice, but many lost ground during the Covid-19 pandemic, and others continue, but could be stronger through interconnection with other similar or related projects. Our collaboration will foster increased community dialog, clarify and amplify community EJ priorities, increase capacity for neighborhoods and residents to engage in public comment periods, and respond to emerging issues, including emergencies driven by climate change. Over time, aligning government and business actions to the Community EJ Agenda will reduce diseases driven by air pollution and heat.

Special Considerations

Health Impact Assessment of taking down I-787: Building on this collaborative outreach process, academic partners will lead a Health Impact Assessment of the state-funded removal plans for Interstate 787, and the impact of various methods and final results on the adjacent disproportionately impacted neighborhoods, with the goal of driving benefits first to those communities while minimizing negative impacts from possible increased traffic on residential streets or increased air pollution (lead from paint, asbestos from worn brakes, silica from concrete) created by a demolition process.

Further, as we build the capacity of community members to be aware of and engaged in environmental efforts in the city, we will create capacity to respond and address impacts created by climate change, increasing the community's capacity to respond to and prepare for climate change-driven disasters.

C. Organization's Historical Connection to Underserved Community

Clean+Healthy (C+H)

Clean and Healthy New York (C+H) has maintained offices in the community area for the past 12 years. We have partnered with Arbor Hill Development Corporation to create online community mapping of environmental issues of community concern, via a grant from the NYS DEC's Environmental Justice program. We are currently working with Capital Area Urban League and many other partners in this grant proposal to engage the community around issues of air pollution (through funding from US EPA) and broader considerations of what makes a "healthy future" for these neighborhoods (through funding from NYS Pollution Prevention Institute). We have tabled at community events, and supported residents in Ezra Prentice public housing. AVillage was a regular participant in JustGreen Advocacy Days in 2014-15. Before their dissolution, we worked with Arbor Hill Environmental Justice Corporation.

Clarifying our longstanding connection to community organizations, in early 2021, C+H approved a strategic plan that prioritizes centering the needs and voices of Black, Indigenous, and other People of Color, and this led us to seek to deepen our support for the community in which we are based. With funding from the US EPA, we have met with neighborhood associations, clergy, community groups, government agencies and more to discuss air pollution concerns. The outcome of those ongoing conversations informs this proposal. As you will see from the organizations submitting letters of commitment, and the structure of this project's budget, this project ensures resources flow to the on-the-ground community organizations and community identified needs.

AVillage

AVillage Inc. is a community Advocacy organization whose vision is a just community where empowered people have equitable access to opportunities and resources. We identify inequities and confront their root causes by galvanizing the community and leveraging resources to create transformational change in Albany's South End. We prioritize marginalized voices. We fight systemic racism and oppression. We deliver strategic solutions. We are stronger together. AVillage hosts summertime South End Night Markets to bring locally sourced produce to community members and to support local entrepreneurs at the Radix Center, organizes Block

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Ambassadors to engage community members on an array of relevant topics, and supports advocacy to improve conditions for the residents of Ezra Prentice public housing.

Radix Center

The mission of the Radix Center is to promote equitable sustainability, ecological literacy, and environmental justice through education, advocacy, and the promotion of regenerative socio-ecological systems. The Radix Center gives children and adults hands-on educational experiences to understand the main environmental issues we face today, and the tools to work toward positive solutions. We cover air, health, food security, soil, and water pollution, renewable energy, waste reduction, composting, and organic food production based on demonstrations of sustainable practices. Our educational programs include Ecojustice Associates (EA), an afterschool and summer high school student employment program. Our EA high school students develop the knowledge, techniques, and advocacy tools needed to excel in STEM higher education while developing their resumes and earning money. We also have regular programming in the Albany City School District and assist with school gardens.

We launched the Albany South End Biocultural Diversity Forest project Fall 2021 and have planted 175 street trees, including many fruit and nut trees. We operate a one-acre urban farm and manage several neighborhood gardens for residents' use. We have an X-Ray Fluorescence Spectrometer and offer residents free soil lead screenings. We also operate the Community Compost Initiative (CCI), promoting composting through education, offering free compost drop-off, and running a curbside collection program that collects food scraps weekly from nearly 200 households and businesses via solar charged E-Bikes.

We have partnered frequently with AVillage for over 10 years to advance environmental and food justice in the South End. As part of the Ezra Prentice (EP) Community Health Program, we trained residents as outreach workers, conducted a survey of environmental concerns, health, and food access, and counted diesel vehicles. The preliminary results of these studies, showing elevated asthma and allergies, have focused public attention on the injustices at Ezra Prentice and spurred air quality studies from NYS Department of Environmental Conservation (DEC).

This summer we will begin collecting data for the Urban Heat Island Effect and the Impact of Tree Cover Study in collaboration with the City of Albany's Office of Sustainability and Albany College of Pharmacy and Health Sciences. We will be collecting meteorological data from streets with varying tree cover in Albany's South End, with comparison sites in more affluent neighborhoods and outside of the city. We have also received funding fromDEC to install air quality monitors at study locations and will be reporting back results to the community. Our Executive Director, Stacy Pettigrew, PhD, MS, has been selected to be the co-convener of the regional Community Advisory Committee for the DEC's Community Air Monitoring Program.

Capital Area Urban League

The Capital Area Urban League (CAUL) is a civic engagement and policy advocacy organization that connects communities across five-counties in NY's capital area. CAUL works to ensure that African Americans, Hispanics and other disenfranchised citizens can secure economic self-reliance, parity, power and civil rights. Environmental hazards disproportionately threaten the health and wellbeing of BIPOC communities and CAUL's environmental justice work aims to

ensure that everyone has equal access, can fully participate in the decision-making process for a healthy environment, and is equally protected from environmental and health hazards regardless of race, color, national origin, or income. CAUL's current collaborative work is with Clean + Healthy NY to organize community conversations and engage underserved residents in BIPOC Albany communities around issues of air pollution and to consider what makes for healthy futures for these residents in Albany, NY.

At CAUL's 4th Annual Values – Voice – Vigilance Conference (VVV), Resilience and Agency - Theory Into Practice, Practice Into Advocacy, Advocacy Into Action, conference planners and facilitators used the opening plenary and conference break-out group sessions, like Agency and Health, to encourage continued community conversations on climate justice and environmental health within a resiliency and agency context. Prior to this 2021 VVV conference, the 2nd Annual VVV Conference, held in 2018, was influenced heavily by the devastation left by Hurricane Maria. At this conference, we were able to begin a community conversation around disaster preparedness and mutual aid that continues to evolve.

Arbor Hill Development Corporation

The Arbor Hill Development Corporation (ADHC) is a certified Neighborhood Preservation Company serving the contiguous neighborhoods of Arbor Hill, North Albany, Sheridan Hollow and West Hill, zip codes: 12204, 12206, 12207 and 12210. AHDC seeks to improve the quality of life through advocacy campaigns and resources that facilitate welcoming environments, thriving neighborhood economies, and access to world class education and careers. The Arbor Hill Development Corporation seeks to stimulate and promote the stability and vitality of neighborhoods through Community Engagement, Public/Private Investments and Economic Development. Current projects include: The Nehemiah Project, a holistic, block by block neighborhood revitalization effort in West Hill; ARPA-funded collaboration with Central Avenue and Downtown Business Improvement Districts to deliver grants and technical support to new entrepreneurs and small and minority-owned businesses recovering from COVID-19 impacts ; development of an intergenerational, community-driven project to identify and address environmental hazards; and restoration of inner-city children's baseball.

D. EJCPS Model

We believe that the EJCPS model is ideal to use in Albany at this time. There are numerous concerns and efforts underway, some of which are coordinated, and others of which are happening in relative isolation. Through the grant awarded to Clean and Healthy New York (under Federal award 66.604 from 2021), the groups listed in partnership for this proposal have already organically started the process described in Element One of the EJCPS. Identifying issues and discussing community vision is ongoing under the current project, but there are many other moving parts that need to be taken into consideration.

Further, USEPA has already invested time in having meetings with a number of stakeholders in the South End of Albany, and has identified some possible action steps. Other conversations are taking place in disadvantaged neighborhoods in other parts of our project's geographic range, and bringing these efforts together under one umbrella will have significant benefits for everyone. AVillage, Radix Center, Capital Area Urban League, NAACP Albany Chapter, Arbor Hill

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Development Corporation, and numerous Neighborhood Associations and groups, in addition to government bodies, elected officials, academic institutions and others need capacity to create a formal process to consider the complex issues facing the community identified for this Clean Air and Healthy Future for Albany, NY project, to establish common understanding and trust, and to build the capacity for acting collectively in ways that address the overall community wellbeing.

The issues to be addressed will include air pollution from fossil fuel-based combustion in land traffic and buildings, point source pollution from industries and bulk chemical storage, the need for affordable, accessible, healthy housing, the Port of Albany including industrial expansion, the potential for increased flooding and urban heat through climate change, mitigating the climate impact through tree planting, the changes that will occur if I-787 is taken down, and the need to ensure the residents in this part of Albany can be part of the workforce addressing these challenges and opportunities.

We will also be engaging in Element 2 in tandem with Element 1. Community members will be trained to engage people living on their block in an expansion and reinvigoration of AVillage's Innovation Block Ambassadors program. Capital Area Urban League will provide community organizing training for Block Ambassadors. Throughout the process, we will look to find ways of building the trust necessary to seek consensus with all stakeholders. As EPA notes in its EJCPS Model Guide, power dynamics at play give certain stakeholders more leverage than others, and finding the opportunities for equitable dialogue will be essential. Therefore, **we will touch on Element 3** but we do not plan for it to be our focus.

This will help the community take advantage of the multitude of programs and funding sources being made available through the Inflation Reduction Act, under Executive Orders 14008 and 13985, and other programs to invest in solutions that achieve the goals identified in Element 1. Given the timeline for funds becoming available, we anticipate that some of this work will be undertaken prior to the start of work under this proposed project, and continue throughout. Further, **utilizing Element 4**, our project will help interconnect existing projects and leverage resources by avoiding duplication and unintended conflicts between projects.

E. Project Linkages

This project will clearly articulate the steps needed to make Albany an environmentally just community, with all residents enjoying higher quality and length of life, in neighborhoods that foster this. By establishing clear goals with many stakeholders, we will enable them/us to take decisive action, knowing they are aligned with the community's self-identified needs. We as Community-Based nonprofit Organizations (CBOs) and residents will have added capacity to engage with government and corporate decision making in ways that ensure accountability to those needs. This clearly falls within US EPA's Goal #2, to Take Decisive Action to Advance Environmental Justice and Civil Rights, and especially Objective 2.1 Promote Environmental Justice and Civil Rights at the Federal, Tribal, State and Local Levels.

F. Partner and Collaborate

As described above, this project is founded on collaborative efforts between diverse organizations and entities. As we identify community resident priorities, we will need to

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collaborate on an ongoing basis with government and business partners to implement the actions that will achieve a just and healthy quality of life for those residents. All funded partners qualify for subawards under 2 CFR 200, which do not require competitive procurement. C+H has a commitment to this community as our home base and the infrastructure created for this program (website, email list, regular meetings) will help ensure the sustainability of relationships after the close of this grant period. Further, we are committed to securing resources for future ongoing engagement to implement community-identified priorities.

AVillage **Category:** CBO **Status:** Prime funded partner, letter

Resources: Existing Innovation Blocks Program, deep connection with South End and similar neighborhood residents. Community engagement with trusted community voices that also have deep connections in the community. South End Night Market will serve as a seasonal outdoor hub space bringing community, resources, and important information.

Contribution to project: Community connection, through Innovation Blocks Program, regular community events, trusted leader in community through years of work. Participation in planning and public meetings.

Vested interest: AVillage's mission is to identify inequities and confront their root causes by galvanizing the community and leveraging resources to create transformational change in Albany's South End. They have an ongoing programmatic focus on achieving environmental justice for residents of Ezra Prentice Public Housing. This project directly aligns with achieving that mission.

Radix Ecological Sustainability Center **Category:** CBO **Status:** Prime funded partner, letter

Resources: Community gardens, tree planting, urban sustainability, youth program, scientific expertise, X-Ray Fluorescence Spectrometer.

Contribution to project: Radix Center's Environmental Educators will provide technical assistance and support to greening projects and Block Ambassadors, including soil lead screenings; survey development and analysis; health impact analysis; assist with educational material creation.

Vested interest: The mission of the Radix Center is to promote equitable sustainability, ecological literacy, and environmental justice through education, advocacy, and the promotion of regenerative socio-ecological systems. Their work is centered in the South End of Albany, where they are based.

Capital Area Urban League **Category:** CBO **Status:** Prime funded partner, letter

Resources: Facilitation and solicitation of corporate partnerships; trainings (i.e., participatory research design; integrative design for systems change, small and large group facilitation, community organizing).

Contribution to project: Design a train the trainer to train Block Ambassadors of AVillage's Innovation Blocks program as community organizers; solicit and facilitate the development of corporate and other stakeholder relationships to identify and secure additional funding and

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resources for long-term project sustainability; organize and facilitate the design of charrettes (based on participatory action research and integrative design methodologies) for stakeholder engagement and for identifying and planning the execution of community-led solutions.

Vested interest: As a civic engagement and policy advocacy organization that connects communities across five-counties in NY's capital area, the mission of the Capital Area Urban League is to ensure that African Americans, Hispanics and other disenfranchised citizens can secure economic self-reliance, parity, power and civil rights.

Arbor Hill Development Corporation **Category:** Neighborhood Preservation Company
Status: Prime funded partner, letter

Resources: Citizen-guided research and mapping capacity, engagement in key neighborhoods, relationships with neighborhood associations.

Contribution to project: Geo-mapping and database, citizen science training, participation in regular meetings, assistance with identifying Block Ambassadors in Arbor Hill, North Albany, Sheridan Hollow, and West Hill.

Vested interest: Agency serves identified neighborhoods, improvements in environmental conditions help achieve Agency mission.

League of Women Voters Albany County (LWVAC) **Category:** CBO **Status:** Funded partner, letter

Resources: LWVAC has a 100+ year history as a grassroots, non-partisan non-profit organization and has the earned respect of both legislators and residents for our work with voting rights and advocacy. The League often partners with other organizations and government agencies to advocate for causes. Local recent environmental action includes efforts to support passage of the Environmental Bond Act of 2022 (Prop1). We bring a history of advocating to empower impacted communities and skills in education, coordination and organization.

Contribution to project: Design an "Advocacy Skills" oriented train-the-trainer offering for Block Ambassadors and residents, which will include educational visits with legislators at various levels of government to support initial engagement by community residents. We will assist in the coordination of community-based meetings for resident capacity-building, and will encourage and assist with voter registration as we promote consideration of environmental issues and advancement of related civil rights.

Vested Interest: The LWV believes that democracy depends on broad citizen participation in community decision-making, so is committed to empowering communities, especially those that have been historically marginalized. Diversity, equity, and inclusion principles are central to this work, and the LWV is both actively engaging these principles in our own organization and using them as a lens to guide our broader work.

Albany College of Pharmacy & Health Sciences **Category:** Academic **Status:** Volunteer partner, letter

Resources: Environmental Epidemiological Expertise, Student Volunteers.

Contribution to project: Health Impact Assessment, Student Volunteers.

Vested interest: Radix Center co-founder and Executive Director Stacy Pettigrew, PhD, MS, is faculty in the Population Health Sciences Department.

The Albany African American Clergy United For Empowerment (TAAACUE) **Category:** Religious community **Status:** Volunteer partner, letter

Resources: This collaborative roundtable of clergy represents numerous congregations.

Contribution to project: Promote of events to congregations, connect to networking projects of their own, spread information, promote events, and encourage participation.

Vested interest: TAAACUE is committed to improving the conditions of the people of Albany. This project aligns directly with past work on petrochemical transport via the nearby rail system, health concerns at Ezra Prentice Housing, and more.

NAACP Albany Chapter EJ Committee **Category:** CBO **Status:** Volunteer partner, letter

Resources: Capacity to implement policy advocacy to change harmful policy and practices.

Contribution to project: Research, advocacy, communication to members, participation in meetings.

Vested interest: The EJ Committee's purpose is to address EJ issues in Albany.

Capital District Transportation Committee **Category:** Government **Status:** Volunteer partner, letter

Resources: Transportation planning.

Contribution to project: Engagement with community partners at meetings.

Vested interest: As the designing Metropolitan Planning Organization for the Capital Region, they need to understand community priorities in their planning processes and this is part of their stated ongoing approach.

City of Albany Office of Sustainability **Category:** Government **Status:** Volunteer partner, letter

Resources: Area of responsibility that overlaps with goals of this project; planned hire of full-time Climate Justice Fellow.

Contribution to project: Participate in regular project meetings and take information developed under this program back to the City of Albany for consideration in our planning; participate in public activities, including town halls and public meetings; incorporate this project into our pre-existing outreach efforts.

Vested interest: The outcomes of this project will help our office better understand community needs and priorities, so we can better tailor our work to be aligned with these priorities, resulting in cleaner air and a healthier future for all.

Albany County **Category:** Government Agency **Status:** Volunteer partner, letter

Resources: Climate resiliency programs, policy-making capacity.

Contribution to project: participation in public meetings to develop Community EJ Agenda.

Vested interest: As the government for the county, they want a high quality of life for residents.

2.0 Project Activities / Milestone Schedule / Detailed Budget Narrative

A. Project Activities

Our objectives are to:

1) Use one-on-one outreach, meetings, surveys and other tools to develop a Community Environmental Justice Agenda that reflects the needs and priorities of the disproportionately impacted communities of Albany.
2) Build community capacity for leadership and engagement in public processes.
3) Improve community health by connecting and leveraging the many projects already underway by partners and others in the City of Albany.
4) Increase community capacity to engage and respond to environmental justice concerns as they arise, particularly as pertains to Climate Change disaster responsiveness.
5) Increase coordination among stakeholders through regular meetings and a website hub.

Objective 1) Develop Community Environmental Justice Agenda

A core outcome of this project is a clear Community Environmental Agenda that can be used by residents to frame comments in public forums at all levels of government, by elected officials to understand the community's priorities, and in dialogue with business stakeholders. To develop this, we will use a process that is both by and for the community.

First, we will convene project partners to plan our steps, and to share in more detail our existing resources. These include recommendations from previous EPA meetings, work done by Arbor Hill Development Corporation to be completed in Summer 2023, past engagements through Block Ambassadors, community conversations being held by many of the listed grant partners under Clean+Healthy's funding from EPA and NYS Pollution Prevention Institute, to be completed by fall 2023, and more.

We will develop basic materials and talking points to engage residents, and using one-on-one engagement from Block Ambassadors, outreach events, engagement at AVillage's South End Night Markets, and a survey instrument, we will compile community feedback. We will then use our project partner meetings to review a draft agenda, and bring it back to the community for feedback via Block Ambassadors and one or more community meetings.

Once complete, this living document will be shared with stakeholders in government, businesses, and communities. We will post it on our collective website hub (discussed below) and use it to craft Town Hall meetings and trainings for community members.

Objective 2) Build community capacity for leadership and engagement in public processes

In the winter of 2023-24, we will hold 3-4 meetings with Prime and funded partners to create detailed plans, identify additional stakeholders, create "Block Greening" Competition plan and infrastructure. This will include a compilation of resources available to neighbors to engage in a

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"greening" activity, soil testing plan, promotion plans, recognition plan, and plan to connect block competitors to broader conversation.

We will also set goals by neighborhood for the number of AVillage's Block Ambassadors and set a timeframe for recruitment and training of these Ambassadors, which Capital Area Urban League will provide, in consultation with Albany LWV, Radix Center, C+H, and other project partners. Arbor Hill Development Corporation will help identify Block Ambassadors and promote the program in its service area.

We will host a "Block Greening" Competition in Spring 2024 to raise awareness of issues, and connect residents with broader systems in need. Radix Center Environmental Educators will support residents with design and implementation of green systems and will offer free lead soil screening and counseling to determine appropriate interactions with soil to help residents determine if/how to include fruit and vegetable plants.

AVillage's Innovation Block Ambassadors will assist in (1) sharing general information about the "Block Greening" Competition and (2) distributing a survey to gather initial input on key environmental issues that community members face to help inform overall project focus. Care will be taken to distribute outreach across the previously redlined Albany neighborhoods within the scope of this project [see section B above for map and more details on project scope].

Inspired by friendly competitions like the Brooklyn Botanic Garden's 'Greenest Block in Brooklyn', program partners will assist community members across the identified neighborhoods in Albany to (1) provide information about the local "Block Greening" program [Innovations Block Ambassadors], (2) share environmental education [Radix] and (3) gather community input on solutions to the environmental issues impacting Albany's diverse neighborhoods [Innovation Block Ambassadors].

Informational meetings will be held at AVillage's Night Markets and at city libraries (Howe, Arbor Hill and Washington Ave branches) to give opportunities for partner organizations to provide information, share education and gather community feedback. Additionally, Innovations Block Ambassadors will conduct the initial outreach through door to door canvassing distributed across the previously redlined communities that this project focuses on.

Objective 3) Connecting and leveraging the many projects already underway

Through regular meetings of project partners and other stakeholders, we can exchange information about projects underway through other sources of funding (including in-kind support). This will include identifying all of the different forms of GIS mapping being conducted in the project area, and looking for ways to streamline and/or connect these. Projects we plan to connect include: DEC air monitoring, Port expansion, the Albany Riverfront Collaborative/I-787 deconstruction, NYSERDA funding for replacement sources for heat and cooking, community engagement and leadership development at numerous organizations, tree planting, public transportation planning, Port traffic, lead poisoning reduction activities, community gardens, other climate mitigation projects, and more. While we have a strong understanding of work underway, we are constantly learning more. We will explore ways that these projects align with the Community EJ Agenda, and how resources can be leveraged

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between projects to streamline each effort and maximize resources. This should also enable stakeholders to produce greater impact per dollar spent than if our activities remain siloed. Between partner/stakeholder planning meetings, trainings, and Town Halls (to present thematic priorities from community members to relevant stakeholders) we plan to hold 30 events across the project grant period.

Objective 4) Increase community capacity to engage and respond to EJ concerns
By training Innovation Block Ambassadors and interested community residents, having Ambassadors engage with their neighbors, and conducting training, planning, and educational meetings, and development and promotion of the Community EJ Agenda, we will increase resident understanding of issues across neighborhoods about environmental concerns, and increase their comfort with speaking up. Then, as unanticipated events arise, these interconnected residents will be prepared to engage and to identify their priorities within a problem-solving context.

Objective 5) Increase coordination among stakeholders through regular meetings and website
We can increase coordination through the regular meetings described above. We will also create infrastructure for ongoing communication via email, and develop and launch an Albany EJ hub website that allows stakeholders, especially residents, to connect with the wide array of organizations and projects seeking to promote environmental and social justice in Albany. This site will include a common community calendar, enabling multiple organizations to cross-promote events and activities, and to be able to schedule their programming in ways that do not conflict with other stakeholders.

B. Milestone Schedule

Milestone	**Date**	**Lead Partner(s)**	**Activities**
Planning phase	March 30, 2023	All	● Convene named partners and other stakeholders to make detailed plans for implementing grant, including all of below
"Block Greening" Competition	June 30, 2024	AVillage, Radix, AHDC, C+H	● "Block Greening" Competition plan development complete by March 31 ● "Greening" activities complete by June 1 ● Event recognizing efforts and presenting awards held by June 30
Block Ambassadors expanded to project region	June 30, 2024	AVillage, AHDC, CAUL, Radix, C+H	● Promote openings, recruit Ambassadors ● Develop and conduct training ● Provide content, information, surveys, and community reported mapping
Block Ambassadors	Through June 30,	AVillage, AHDC, CAUL,	● Monthly one-on-one engagement ● Maintain training to sustain 20 BAs

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engage residents	2026	Radix, C+H	● Distribute survey ● Promote community mapping
Develop **Community EJ Agenda**	February 28, 2024	All partners, C+H	● Use survey input to draft Agenda ● Hold public meetings, attend partner events to solicit further community input ● Finalize written document, distribute
Health Impact Assessment of I-787 removal plans	Dependent on release of infor-mation	Albany College of Pharmacy and Health Sciences, C+H	● Evaluate proposed options for traffic changes ● Identify strategies for mitigating any negative consequences for disproportionately impacted communities ● Prepare materials to empower resident and stakeholder engagement
Connection and leverage existing projects	Ongoing through-out	All	● Compilation of existing efforts created ● Assess areas of duplication, overlap, identify ways to streamline/amplify/align ● Establish and maintain planning Town Hall, educational and training meeting schedule ● Evaluate progress on project outputs and outcomes, adjust plan accordingly
Hub website and email list	May 1, 2024; ongoing upkeep	C+H, all partners	● Gather relevant resources from partners and stakeholders ● Create simple website with links, resources, editable calendar ● Create basic listservs for project area, for named partners
Secure resources for implementatio n	Ongoing through-out	CAUL, C+H, Radix, government	● Track government funds available to CBOs, NGOs, and government bodies. ● Advance Community EJ Agenda as guide for responses to RFAs ● Identify corporate partners for in-kind support
Review phase	October 31, 2026	All partners	● Assess impact, determine effective strategies, solutions to overcome challenges in future

C. Itemized Budget Sheet / Budget Narrative

Please see uploaded file under Other Attachments

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This program's budget is focused on Subawards to partner organizations, for support of staff time, inhouse materials, and especially for the Innovation Block Ambassadors program run by AVillage. Additional resources are allocated for "greening" competition - soil, access to the local tool library, a recognition and educational event, and recognition materials such as plaques. C+H costs will go to staff, and overhead costs (using the standard 10% de minimus) will include staff and contract time to process financial and administrative aspects of the program.

3.0 Environmental Results – Outputs, Outcomes, and Performance Measures

A. Environmental Results (Logic Model)

*Outputs: "*Block Greening" competition is planned, executed, and celebrated. Block Ambassadors are recruited, trained, and engage with community members monthly. Survey instrument created, administered, and compiled. Community Environmental Justice Agenda produced. Planning meetings held. Educational meetings, Town Halls, planned, produced, promoted and held. Government-directed public engagement opportunities (comment periods, engagement meetings, public hearings, etc.) promoted and prepared for. Mapping projects connected. Additional resources sought for implementation of the Community EJ Agenda. Guidance for government grant seeking and budget allocation given.

Outcomes: Community residents are more active in public participation opportunities and advocate in ways that are aligned with the Community Environmental Justice Agenda. Local, regional, state, and national government stakeholders understand community priorities based on the Agenda and seek to invest in alignment with these priorities. Actions such as investments in zero-emission vehicles or appliances, public transit capacity, changes in traffic patterns, healthy affordable housing development, and tree planting are conducted in alignment with the Agenda, resulting in decreased air pollution especially in previously hardest-hit areas, increased access to safer solutions, decrease in urban heat island effect, and improved health outcomes, measured in decrease in asthma and other respiratory challenges, heart disease.

Please see uploaded file under Other Attachment

B. Performance Measurement Plan

We will track our impact in the following ways:

- Number of blocks participating in our "Block Greening" project. We will track this by having residents register their blocks. We plan for roughly 10-12 blocks.
- List of hired Block Ambassadors (BA) and time sheets. We plan to have 20 BAs at a time.
- Number of contacts between BAs and residents. We plan for this to increase over time, from 2-5 residents per BA engaged 1-2 times each month for six months in year one, ramping up to 10-20 residents per BA engaged 1-2 times each month in year two, and 20-40 residents per BA engaged in the first six months of year 3.
- Number of BAs and other community members trained in organizing, engagement, and on relevant subject matter. We plan to train at least 50 residents. We will track this using sign-in sheets at training events and a log of residents that have been trained.
- Number of people completing the survey, and their geographic spread across our project area. We plan to have at least 500 people complete the survey.

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- Number of planning meetings and public events (trainings, meetings, Town Halls, etc.). We will use a calendar to track these, and plan to hold at least 30 over the course of 36 months.
- Number of community people attending regular meetings, trainings, and other events organized by project partners. We expect a fluctuating number of participants. We will track participation and use it to assess our choice of content and format by having a sign-in sheet at each event, be it a planning meeting or public meeting of any kind.
- Resources for implementation.
- Production of community-approved Community Environmental Justice Agenda.

C. Sustainability Plan and Community Vision

This project's purpose is both to achieve specific outcomes and outputs, but also to create interconnections, collaborations, and resources for ongoing work that allow stakeholders to achieve community resident-determined priority changes that will make Albany healthier and more just. As discussed above, one of our performance measurement approaches will be to assess the capacity and willingness of stakeholders to continue meeting to ensure future activities are aligned with the community's overall vision for itself. Success will also be measured in our ability to help various stakeholders secure and allocate the resources necessary to implement changes in line with the community's vision. We view this project as one that coalesces the existing work ongoing to leverage it, and to identify and fill gaps.

4.0 Programmatic Capability

A. Organizational Experience

Clean and Healthy New York has a seventeen-year track record of education and empowerment. Under a US EPA grant, we successfully trained nearly 1,000 child care providers to avoid toxic chemicals in their programs. We are Community Partners in both Albany and Syracuse to the state-funded New York State Children's Environmental Health Centers. We have extensive technical knowledge about chemicals of concern, mapping environmental hazards, and conducting effective training events. We now have a project underway with EPA funding, and were previously funded by a US EPA Great Lakes Restoration Initiative grant in 2012-2014.

Our 2021-26 Strategic Plan includes the following goal: center the voices and needs of frontline Black, Indigenous, and People of Color (BIPOC) communities in our work. This is an expansion of our decade and a half collaboration with WE ACT for Environmental Justice as co-leaders of the JustGreen Partnership, and several stand-alone joint projects, including our current partnership to address environmental health and justice concerns within the carceral system.

Clean and Healthy New York's theory of change is focused on collaboration, and as such we have co-led the JustGreen Partnership for 17 years across many changes in funding availability and external factors affecting the achievement of our collective goals. Ten years ago, we launched the national Getting Ready for Baby campaign. For both of these campaigns, we have raised funds at various times and been the lead organization disbursing the funds. We also co-lead the Lead-Free Kids NY coalition, and play a significant role in joint fundraising for that work.

We have experience in coordinating projects with multiple partners and achieving our outputs and outcomes together. We understand how to convene partners, work through differences of

opinion, create and foster collective accountability, and disburse and track funds. We have the infrastructure in place in our organization - including administrative and bookkeeping capacity, program expertise, and logistical support.

B. Staff Experience / Qualifications of Project Manager (PM)

Bobbi Wilding, Executive Director, will serve as Project Manager. She has more than a quarter century of experience as an environmental health and justice advocate, and co-founded and co-leads the collaborations listed above. With a background in Environmental Science (BS) and Ecological Economics, Values, and Policy (MS) from Rensselaer Polytechnic Institute, over eight years she moved from canvasser, to intern, to Program Associate to Associate Director at Citizens' Environmental Coalition, after which she co-founded Clean and Healthy New York with Kathy Curtis. Bobbi has written or co-written numerous reports for Clean and Healthy New York and national partners, including for Physicians for Social Responsibility, Coming Clean, and the Childhood Cancer Prevention Initiative. In her time at Clean and Healthy New York, she used XRF technology to test children's products for heavy metals and indicators of organohalogens. She was a 2020 recipient of the Children's Environmental Health Excellence Award. She is the Project Manager for the currently funded EPA program and works closely with the Partner organizations listed in this grant. She was the lead staff person responsible for working with Arbor Hill Development Corp. on their EJ citizen science mapping project.

C. Expenditure of Awarded Grant Funds

Clean and Healthy New York is confident in our ability to manage the funds if awarded this grant. We have past experience with a grant of similar size and timeline from the US EPA. We have experience drafting subaward agreements and administering payments, and we use Quickbooks to manage our finances. We have in place methods for tracking income and expenses by source and project. Further, we have had staff at full time salaries since 2012. We prepare and file a full 990, and have an independent CPA prepare a financial review each year, advising us on any changes necessary to maintain consistency with GAAP standards.

5.0 Past Performance

Clean and Healthy New York is currently engaged in a project funded by the US EPA. We will be submitting our interim report by May 1, 2023. The total budget for this project, issued under Assistance # 66.604, is $75,000.

We have successfully secured Community Foundation and private foundation grants for over a decade, many of them repeatedly renewed for our ability to complete exemplary work and to provide paperwork in a timely manner. Foundations include New York Community Trust, Park Foundation, Prospect Hill Foundation, and Marisla Foundation.

6.0 Quality Assurance Project Plan (QAPP) Information (If applicable)

We do not believe our survey will require development of a QAPP as it will be used for educational purposes only, but if the US EPA determines that our project requires one, C+H has prepared and executed a project with a QAPP in the past, as have partners like the Radix Center.

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NJBG / Skylands Association
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Virginia Korteweg
Moira McBride Murphy
Julia Morrill
Andrew Noll
Linda Spirko
Jeff Tittel
Dr. Edith Wallace

The non-profit volunteer organization, working in partnership with the New Jersey Division of Parks and Forestry, dedicated to preserving and enhancing the New Jersey State Botanical Garden at Skylands

April 12, 2023

Environmental Protection Agency [Mail Code 2201A]
1200 Pennsylvania Avenue, NW
Washington, DC 20460

RE: Letter of Support for Clifton Garden Club Application
Environmental Protection Agency *Environme11tal Justice Collabomtive ProblemSolving*
***Cooperative Agreeme11t Program*, 2023**

Dear Review Committee:
The Skylands Association Inc. (A Section 501 c 3 tax exempt organization and official friend of the NJ Botanical Garden) is proud to support the Clifton Garden Club's application to the **Environmental Protection Agency and Office of Environmental Justice and External Civil Rights** (hereinafter EPA-OEJ) *Environmental Justice Collaborative Problem-Solving Cooperative Ag eement Program.* If awarded, this grant would be carried out in collaboration with the Ringwood State Park located in Ringwood, NJ.

The Clifton Garden Club would like to plant twenty five trees in a section of Ringwood State Park which is designated as the New Jersey State Botanical Garden. This is to ensure the sustained presence of trees in the garden. It is critical because future generations
depend on the continued existence of parks to offset carbon emissions from transportation vehicles and factories. If funded, this project will continue the tradition of local organizations collaborating with the County.

We are dedicated to preserving our Park. This project will improve the quality of life for the community. I am please to reiterate our support of Clifton Garden Club's application to the EPA-OEJ's
Environmental Justice Collaborative Problem-Solving Program. If I may be of further assistance, please do not hesitate to contact me. I can be reached via email at info@NJBG.org

Respectfully,
Kenneth Merz
Kenneth Merz,
President of Skylands Association, Inc.

NJBG/Skylands Association is a 501(c)(3) non-profit corporation.

1.0 PROGRAM OBJECTIVES A. Project Summary Page
Project Title = 125 trees

Project Location (including community/neighborhood(s), city, state, and zip code) = applicant at 07013 in Clifton, New Jersey in Passaic County, specifically planting trees at Garret Mountain Reservation (Paterson 07424), Dundee Island Park (Passaic 07055), Goffle Brook (Hawthorne 07506), and Rifle Camp Park (Woodland Park 07424) and Weasel Brook Park (Clifton 07013). Also planting trees at Ringwood State Park (Ringwood 07456).

Applicant Information (name, address, main contact information) =
Clifton Garden Club Ex. 6 Personal Privacy (PP) Clifton, NEW JERSEY 07013,
Contact Elliot Solomon at Ex. 6 - Personal Privacy (PP)

Applicant Organization Brief Description =
To maintain city gardens, encourage love of gardening, and beautification of city of Clifton through education, lectures, field trips, and discussion of local environmental issues.
Key projects:
Scholarship funds given to 2 Clifton High School seniors/year planning to study botany, horticulture, entomology, or environmental science.
Club presents to public **7-8 speakers**/year **on horticultural topics.**
Club distributes **free plants** to public at annual **Harvestfest**.
Clifton Public Libraries Gardening Project helps maintain City Library grounds.
Clifton Morris Canal Gardening Project helps maintain Clifton Morris Canal garden grounds.
Club **educates public about horticultural topics on Earth Day at Garret Mountain.**

Are you applying for the Small CBO Set Aside Track for $150,000 projects?
YES applying for $150k project, we have only volunteers. We do not have employees.

Project Abstract -- Brief description (250 words or less) of the main objective, activities, and outputs/outcomes of the project, including the specific geographic areas of focus.
main objective = to buy native trees, give them to the land owners, who will then use their existing staff/volunteers & equipment to plant trees in various parks in Passaic County, NJ.
outputs/outcomes = to plant 125 trees resulting in small trees growing into larger, healthy trees in the cities of Clifton(Weasel Brook Park), **Hawthorne(**Goffle Brook), **Passaic(**Dundee Island Park), **Paterson**(Garret Mountain Reservation),**Woodland Park(**Rifle Camp Park).

Project Type(s)
Monitoring budget, **partnering** with County staff and Friends volunteers to accomplish tree **purchase**, **transport**, and **planting** of trees in various parks.

Special Considerations
There is a great need to offset carbon emissions from transportation vehicles and nearby factories in **Clifton** border areas, and especially in the economically depressed **Paterson and Passaic** New Jersey areas.
Special Consideration is needed for these areas because they suffer from high traffic volumes from local roads and interstate route 80, very low income populations, high percentages of people of color, high percentages of unemployed, significant percentages of limited English speakers, significant

percentages of the population having less than a high school education, and significant percentages of the population having low life expectancies.
Also according to NJSPOTLIGHTNEWS.COM, around the homes in the Ringwood Superfund area LEVELS OF LEAD IN PAINT SLUDGE NEAR HOMES HAVE BEEN FOUND TO BE 100 TIMES THE LEVELS THE EPA CONSIDERS ACCEPTABLE.
Due to the long term presence of these socioeconomic and environmental factors, **Special Consideration is justified. Our project will only focus on helping to reduce air pollution by planting more trees.**

Environmental Issue AIR POLLUTION
Tree planting helps to improve air quality of life for communities.

List of Project Partners

Friends of Passaic County Parks, Inc., contact-Kelly Rufel
Friends of Garret Mountain Reservation, contact-Vera Lazar
COUNTY OF Passaic, office of county administrator, contact-Kelly Rufel
Friends of NJ Botanical Gardens State Park contact-Ken Merz
STATE-NEW Jersey Botanical Gardens, contact-Eric Pain, superintendent
*** State letter will not be sent by the deadline, so the Friends group will tell the planting plan for the State Park involving state staff & them.**

Will you need to develop a QAPP for your project? No

B. Environmental and Public Health information of the Underserved Community (1)
According to NJ.COM the Ringwood New Jersey superfund site is the only ever to be deleted from the National Priorities List only to be relisted. The Ford Motor Company dumped toxic paint sludge and other wastes from its Mahwah factory into abandoned mines in the Ramapo Mountains, endangering nearby communities, including members of the Ramapough Lenape Indian Tribe. After an investigation from The Record newspaper in 2005, the EPA re-listed the site, but Ford and the borough, both responsible parties in the cleanup, have resisted efforts to remove all of the contamination from the mines and a connected landfill site, preferring to cap it in place. The EPA says the threat to human health posed by the site is still "not under control." The controversy was also subject of the 2010 HBO documentary "Mann vs. Ford." The NJ Botanical Gardens State Park is connected to this superfund site.
Cities of Paterson, Passaic, Clifton border areas have significant air pollution due to numerous factories, trains,& buses & high traffic volumes from cars on local roads & interstate route 80. These problems have existed for many decades. We will help improve their air by planting trees in their Parks.

Also especially in Passaic and Paterson there are 1. very low income populations, 2. high percentages of people of color, 3. high percentages of unemployed, 4.significant percentages of limited English speakers, 5.significant percentages of the population having less than a high school education, and 6.significant percentages of the population having low life expectancies. Census.gov was used to verify these issues being faced, which this project will not address.

(2) Describesthelocalenvironmental/publichealthissue(s) that the project seeks to address **Project will help reduce high air pollution levels in the county by planting more trees.**

(3) Describesthelocalenvironmental/publichealthresults the project seeks to achieve and how will the underserved community benefit from those results

Project will help reduce high air pollution in the counties by planting more trees, thereby helping to improve the health of the communities.

C. Organization's Historical Connection to Underserved Community

(1) **Our group has existed since before 2000 (when it was incorporated) and has participated in Earth Day & similar events that made our educational services and plant giveaways available to the public throughout Passaic county and other nearby counties as a public service, especially since we are a 501C3 corporation as of 2023. This EPA project is another opportunity for our organization to provide service to the community.**

(2) **We are currently partnering with county staff and community volunteers to plan for tree planting in various parks, which would be purchased with EPA funds to help decrease air pollution, especially in the underserved cities.**

(3) **We have used numerous phone discussions to plan with county staff and community volunteers the strategy to implement this tree planting project, especially for the underserved city parks.**

D. EJCPS Model Demonstrates 1+ of seven elements of the EJCPS Model

Element 1 (Issue Identification, Visioning, and Strategic Goal-Setting) is & will be used and element 5 (Constructive Engagement with Other Stakeholders) also was used and will continue to be used. Strategic goals were identified and created, which include tree planting as the goal involving selecting, purchasing, transporting, and planting. Constructive Engagement with all the stakeholders was, is, and will be done through numerous phone calls and emails to keep all key people informed and to minimize task errors **The timeline and milestones are all reasonable and achievable over 3 years or sooner in some sites.**

E. Project Linkages
The application will be evaluated on (1) Supports EPA Strategic Plan Goal 2 (Take Decisive Action to Advance Environmental Justice and Civil Rights), Objective 2.2 link Below:https://www.epa.gov/planandbudget/strategicplan
We support the EPA Strategic Plan Goal 2 by The addition of trees to provide forest sustainability & resilience in response to climate change.

We Support Objective 2.2 by maintaining the Parks, which especially help Environmentally overburdened communities with minority & low income populations in regard to environmental equity & justice. at the local city, county, and state park levels.

F. Partner and Collaborate a.-**The county staff will get their requested tree quantity from our purchased supply. We will arrange tree type, quantity, and any protective materials for tree delivery based on county or state requests. The county or state staff will decide when, how, and where tree planting will occur. The volunteer (FRIENDS) groups will assist with the planting tasks at the direction of the county or state staff. The county and state have the manpower & equipment to do the planting on their properties, even if the volunteer groups are unable to be available to assist on the scheduled planting dates. The county & state have a vested interest to maintain their properties for the public good & that is why their staff obtained those paid jobs. The FRIENDS volunteer groups are interested in assisting the government land owners in maintaining their properties for altruistic or charitable purposes.**

How the applicant organization plans to maintain and sustain these relationships on into the future

We will periodically contact these partners to check the plant health status of their parks. Also we will inquire about air pollution monitoring methods they may be choosing to use. Additionally we will suggest a subject matter expert on air pollution such as professor Jaime Mirowsky from Syracuse University at Ex. 6 - Personal Privacy (PP) and Ex. 6 - Personal Privacy (PP) email.

2.0 Project Activities / Milestone Schedule

A. Project Activities -**With county & state land owners input, decide the type, quantity, size, & price of trees to purchase, and the delivery method & schedule for their park properties. On the agreed dates, purchase the trees & monitor the delivery of each group of trees to the appropriate sites. Verify all tasks are completed on schedule. For any delays, asap call or email to resolve the problem with the appropriate organization or person. Verify planting schedule is being followed, but if not, see if we can assist in returning to the schedule. If resumption of the schedule is not possible, discuss a new alternative schedule, so it can be reported to the EPA in case a delay in future partial payments needs to be done. If everything is on schedule, report that quarterly to the EPA.**

After each tree group is delivered, the county & state land owners, will decide when to use their existing staff & equipment and any available volunteers to plant trees in their various parks. The exact planting dates will depend on priorities,season and how frozen the ground is. The results for each previously

mentioned task is self described. The planting results will be the growth of small trees into larger, healthy trees in the desired park locations. A final project task review will be done after all trees have been planted.

B. milestone schedule, including timeframes and major milestones

On or before 11/1/23 an all partners phone meeting will be held to agree on all information needed to purchase the trees.

Based on the agreed upon delivery schedule, purchase & receive the first tree groups between November 2023 and May 2024.

Purchase & receive the second tree groups between June and September 2024.

Purchase & receive the third tree groups between November 2024 and May 2025.

Purchase & receive the fourth tree groups between June and September 2025.

Purchase & receive the fifth tree groups between November 2025 and May 2026.

The schedule is subject to change based on county or state priorities.

Actual planting dates will be dictated by county & state land owners & tracked by us. Final review by us will be done by September 2026.

C. Itemized Budget **The only costs will be for tree supplies. The individual cost of the 125 trees is expected to be $500 each or less. This includes any protective materials needed to prevent animal attack. Therefore the total funds are estimated to be: 125x500. The total is $ 62,500, which can be paid out in quarterly partial payments. Depending on the speed of partner planting, we may request EPA to adjust up or down those payments.**

3.0 Environmental Results – Outputs, Outcomes, & Performance

A. Measures (Logic Model) If you choose not to provide a logic model, you must still detail the outputs and outcomes of your project and address how you will measure performance.

Outputs: Phone meetings with partners to plan the tree purchases, tree deliveries, tree planting and additional calls to resolve any problems that may arise.

Outcomes: Tree growth from small to larger & healthy, and air pollution is reduced to an unmeasured degree.

B. Performance: Tree growth & health is seen by observation.

C. Sustainability Plan and Community Vision: This project can be replicated repeatedly in the future. **Air pollution measurement methods can be suggested by a subject matter expert in the future, such as professor Jaime Mirowsky from Syracuse University at** Ex. 6 - Personal Privacy (PP) **and** Ex. 6 Personal Privacy (PP) **email, who has lived in this area.**

4.0 Programmatic Capability

A. **Since our organization has at least 4 volunteers who have attained the title of master gardener, we feel confident that we have the organizational experience to successfully implement this project.**

B. **The PM has had over a decade of experience using project management tools and 2 years coordinating events in our garden club. The associates have a variety of master gardener ranks & related experience. The county and state managers are paid professionals with years of administrative experience.**

The PM has been in this community for over 20 years, so is familiar with the environment. The PM has been in the organization for over 10 years and has most recently managed the organization's email and voice mail for 2 years. The PM, as VP of the organization, has worked with our President for 2 years to manage all events, such as Earth Day and other presentations & plant giveaways.

C. **Timely & efficient grant funds distribution focuses on partnership procedures & controls such as using emails as an audit trail to follow the money flow. Also use the simplest procedures so that if a malfunction occurs, it can be found & fixed quickly. Additionally, the PM and other key partner leaders will review all inbound & outbound emails on the day of transmission so that any errors can be recognized & corrected immediately. The PM will also keep a log of all voicemails and key decisions. The PM will be the only person authorized to purchase the trees (and any protective materials), which is the only task that EPA funds are paying for. Our organization is financially stable, since we have a $1000+ monthly income from invested funds and our monthly expenses are far less than our income. We are not a prior recipient of Federal awards. The organization and PM have never had an audit. Upon EPA request, we can submit quarterly progress reports to the EPA project officer within thirty days after each reporting period.**

5.0 Past Performance: Our organization has no past grants experience.

6.0 QAPP NOT NEEDED.

7.0 Itemized Budget is very concise and therefore is seen in above text in Section 2C.

PM RESUME:

Most recent work at **AT&T** for 15+ years involving systems analysis, computer programming, and managing an internal international help line.
Also created customized programming for an International Customer Phone Call Database. Additionally, an International System for tracking 10 billion dollars of billing between numerous countries phone companies was maintained.
Previous work at the **American Broadcasting Company** for 2 years involving systems analysis, computer programming, and tracking various TV ratings related to Nielsen and Arbitron, as well as Radio station playlists.

The PM has an MBA in Finance and a BS in Biology cum laude.

Friends of Garret Mountain

THE FRIENDS OF GARRET MOUNTAIN RESERVATION
Ex. 6 Personal Privacy (PP) CLIFTON NJ 07013
Ex. 6 - Personal Privacy (PP)

April 12, 2023

Environmental Protection Agency
[Mail Code 2201A] 1200 Pennsylvania Avenue
NW Washington, DC 20460

RE: Letter of Support for Clifton Garden Club Application
Environmental Protection Agency, Environmental Justice Collaborative Problem--Solving Cooperative Agreement Program, 2023

Dear Review Committee:

The Friends of Garret Mountain Reservation is proud to support the Clifton Garden Club's application to the Environmental Protection Agency and Office of Environmental Justice and External Civil Rights (hereinafter EPA-OEJ) Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program. If awarded, this grant would be carried out in collaboration with the County of Passaic which operates and maintains sixteen public parks located in the County's most industrious locales; and the Friends of Garret Mountain Reservation, a 501(c)(3) nonprofit organization, whose purposes include "to preserve, protect, and enhance the natural beauty of Garret Mountain Reservation and Rifle Camp Park, in cooperation with Passaic County officials."

The Clifton Garden Club has pledged to provide trees for urban public parks, including Garret Mountain Reservation and Rifle Camp Park. These parks are especially important for Environmental Justice as they service overburdened communities, including minority and low income populations. Planting new trees will ensure the sustained presence of native plant species in the area. In recent years, many trees have been lost due to drought, disease, and insects such as the emerald ash borer. It is critical to plant new trees because future generations depend on the continued existence of these parks to offset carbon emissions from transportation vehicles and nearby factories. The proposed additional trees will also provide forest sustainability and resiliency in response to Climate Change.

If this project is funded, volunteers from Friends of Garret Mountain would collaborate with County Parks to help recommend planting locations, and can assist with the planting of smaller trees (under the direction of County Department of Parks and Recreation) in Garret Mountain Reservation and Rifle Camp Park. The Friends of Garret Mountain are dedicated to preserving the natural resources of these important urban parks, and this project will improve the quality of life for the surrounding communities. We are pleased to support the Clifton Garden Club's application to the EPA-OEJ's Environmental Justice Collaborative Problem-Solving Program. If any questions, please feel free to contact me at Ex. 6 - Personal Privacy (PP)

Sincerely,

Vera Lazar

Vera Lazar, President
Friends of Garret Mountain Reservation

Friends of Passaic County Parks, Inc.

April 1, 2023

Environmental Protection Agency [Mail Code 2201A]
1200 Pennsylvania Avenue, NW
Washington, DC 20460

RE: Letter of Support for Clifton Garden Club Application
Environmental Protection Agency *Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program*, 2023

Dear Review Committee:

The Friends of Passaic County Parks, Inc. is proud to support the Clifton Garden Club's application to the **Environmental Protection Agency and Office of Environmental Justice and External Civil Rights** (hereinafter EPA-OEJ) *Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program*. If awarded, this grant would be carried out in collaboration with the County of Passaic which operates and maintains sixteen public parks located in the County's most industrious locals.

The Clifton Garden Club would like to plant one hundred trees across the County, specifically in urban public parks, such as Garret Mountain Reservation, Weasel Brook Park, and Dundee Island Park. This is to ensure the sustained presence of native plant species in the area. It is critical because future generations depend on the continued existence of these parks to offset carbon emissions from transportation vehicles and nearby factories. If funded, this project will continue the tradition of local organizations collaborating with the County to maintain and plant native species in our Parks since the system's establishment in 1927.

We are dedicated to preserving our Park System. This project will improve the quality of life for the community. I am please to reiterate our support of Clifton Garden Club's application to the EPA-OEJ's Environmental Justice Collaborative Problem-Solving Program. If I may be of further assistance, please do not hesitate to contact me. I can be reached via email at kellyr@passaiccountynj.org or by phone: Ex. 6 - Personal Privacy (PP) ext. [redacted]

Kelly C. Ruffel
Trustee & Secretary, *Friends of Passaic County Parks, Inc.*

ED_016126_00000781-00001

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WORKSPACE FORM

Ex. 6 Personal Privacy (PP)
SUPPORT@GRANTS.GOV

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Opportunity Title:	ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Opportunity Package ID:	PKG00279168
CFDA Number:	66.306
CFDA Description:	Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
Competition ID:	
Competition Title:	
Opening Date:	01/10/2023
Closing Date:	04/14/2023
Agency:	Environmental Protection Agency
Contact Information:	Office of Environmental Justice and External Civil Rights Burney.Jacob@epa.gov, Burrell.Omari@epa.gov

APPLICANT & WORKSPACE DETAILS:

Workspace ID:	WS01050649
Application Filing Name:	Clifton Garden Club Inc.
UEI:	KX4RMGW4Q226
Organization:	CLIFTON GARDEN CLUB INC.
Form Name:	EPA Form 4700-4
Form Version:	5.0
Requirement:	Mandatory
Download Date/Time:	Apr 26, 2023 10:51:58 AM EDT
Form State:	No Errors

FORM ACTIONS:

CHECK FOR ERRORS | SAVE | PRINT

View Burden Statement

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Clifton Garden Club Inc.

Address: Ex. 6 Personal Privacy (PP)

City: Clifton

State: NJ: New Jersey Zip Code: 07013

B. Unique Entity Identifier (UEI): KX4RMGW4Q226

C. Applicant/Recipient Point of Contact

Name: Elliot Solomon

Phone: Ex. 6 Personal Privacy (PP)

Email: Ex. 6 - Personal Privacy (PP)

Title: VP

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

None

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII.	**Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)**	☐ Yes	☒ No
	a. Do the methods of notice accommodate those with impaired vision or hearing?	☐ Yes	☒ No
	b. Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?	☐ Yes	☒ No
	c. Does the notice identify a designated civil rights coordinator?	☐ Yes	☒ No
VIII.	**Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))**	☐ Yes	☒ No
IX.	**Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))**	☐ Yes	☒ No

X. If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.

No

XI. If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/recipient's website address for, or a copy of, the procedures.

No

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Completed by Grants.gov upon submission.	VP	Completed by Grants.gov upon submission.

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

COUNTY ADMINISTRATOR
Matthew P. Jordan, Esq.

DEPUTY COUNTY ADMINISTRATOR
Marc E. Seemon

ASSISTANT COUNTY ADMINISTRATOR
Kelly C. Ruffel

COUNTY OF PASSAIC
Board of County Commissioners

OFFICE OF THE
COUNTY ADMINISTRATOR
ADMINISTRATION BUILDING
401 GRAND STREET, ROOM 205
PATERSON, NJ 07505

P. Ex. 6 - Personal Privacy (PP)
F. Ex. 6 - Personal Privacy (PP)

April 1, 2023

Environmental Protection Agency
[Mail Code 2201A]
1200 Pennsylvania Avenue, NW
Washington, DC 20460

RE: Letter of Support for Clifton Garden Club Application
Environmental Protection Agency *Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program*, 2023

Dear Review Committee:

The County of Passaic is proud to submit this letter of support for the Clifton Garden Club's application to Environmental Protection Agency and Office of Environmental Justice and External Civil Rights (hereinafter EPA-OEJ) *Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program.*

The County of Passaic supports the efforts of the Clifton Garden Club to prioritize the purchase and planting of trees throughout the Passaic County Park System. The following parks will receive trees: Garret Mountain Reservation (Paterson), Dundee Island Park (Passaic), Goffle Brook (Hawthorne), and Rifle Camp Park (Woodland Park) and Weasel Brook Park (Clifton).

Clifton Garden Club has pledged 100 trees in total to this effort for County and Municipality owned parks. The County has agreed to partner with Clifton Garden Club for implementation of this project. The County Department of Parks and Recreation will manage and plant the trees over a three-year period, ending in 2026. While we do not have final cost of the trees and labor at this time, the following species to be purchased are: Sweet Bay Magnolia, Musclewood/ Blue Beech/ Hornbeam, Red Maple, Sycamore, Black/Sweet Birch, American Holly, Swamp White Oak, Grey Birch, Hackberry, Bitternut Hickory, and Hophornbeam/Ironwood. [*Attached is estimate in reference to tree purchase]*

The County of Passaic understands that the EPA-OEJ will provide funding for the purchase of the trees and any protective materials needed to counter damage done by animals. If I may be of further assistance, please do not hesitate to contact me. I can be reached via email at kellyr@passaiccountynj.org or by phone Ex. 6 - Personal Privacy (PP) ext. Ex. 6 - Personal Privacy (PP)

Sincerely,

Kelly C. Ruffel
Assistant Administrator

Grower	Contact	Caliper	Cost as of 2/2/23
Cedar Hill Nursery	Ex. 6 - Personal Privacy (PP)	1.5 and up	$145 to $485, depending on size and species.
Cerbo Greenhouse	Ex. 6 - Personal Privacy (PP)	1.75	$145
Glenwild Gardens	Ex. 6 - Personal Privacy (PP)	1.5 and up.	Call when ready to order.
Great Swamp Greenhouses	Ex. 6 Personal Privacy (PP)	1.5 and up	$150 to $500, depending on size and species.
Northern Nursery	Ex. 6 - Personal Privacy (PP)	1.75- 2.5	Call when ready to order.

Department of the Treasury
Internal Revenue Service
Tax Exempt and Government Entities
P.O. Box 2508
Cincinnati, OH 45201

Date:
12/08/2022
Employer ID number:
87-1476354
Person to contact:
Name: Julie Chen
ID number: 31261
Telephone: Ex. 6 - Personal Privacy (PP)
Accounting period ending:
December 31
Public charity status:
509(a)(2)
Form 990 / 990-EZ / 990-N required:
Yes
Effective date of exemption:
July 7, 2022
Contribution deductibility:
Yes
Addendum applies:
No
DLN:
26053592001552

CLIFTON GARDEN CLUB INC
Ex. 6 Personal Privacy (PP)
CLIFTON, NJ 07013

Dear Applicant:

We're pleased to tell you we determined you're exempt from federal income tax under Internal Revenue Code (IRC) Section 501(c)(3). Donors can deduct contributions they make to you under IRC Section 170. You're also qualified to receive tax deductible bequests, devises, transfers or gifts under Section 2055, 2106, or 2522. This letter could help resolve questions on your exempt status. Please keep it for your records.

Organizations exempt under IRC Section 501(c)(3) are further classified as either public charities or private foundations. We determined you're a public charity under the IRC Section listed at the top of this letter.

If we indicated at the top of this letter that you're required to file Form 990/990-EZ/990-N, our records show you're required to file an annual information return (Form 990 or Form 990-EZ) or electronic notice (Form 990-N, the e-Postcard). If you don't file a required return or notice for three consecutive years, your exempt status will be automatically revoked.

If we indicated at the top of this letter that an addendum applies, the enclosed addendum is an integral part of this letter.

For important information about your responsibilities as a tax-exempt organization, go to www.irs.gov/charities. Enter "4221-PC" in the search bar to view Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, which describes your recordkeeping, reporting, and disclosure requirements.

Sincerely,

Stephen A. Martin
Director, Exempt Organizations
Rulings and Agreements

Letter 947 (Rev. 2-2020)
Catalog Number 35152P

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WORKSPACE FORM

Ex. 6 Personal Privacy (PP)
SUPPORT@GRANTS.GOV

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OPPORTUNITY & PACKAGE DETAILS:

Opportunity Number:	EPA-R-OEJECR-OCS-23-01
Opportunity Title:	ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Opportunity Package ID:	PKG00279168
CFDA Number:	66.306
CFDA Description:	Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
Competition ID:	
Competition Title:	
Opening Date:	01/10/2023
Closing Date:	04/14/2023
Agency:	Environmental Protection Agency
Contact Information:	Office of Environmental Justice and External Civil Rights Burney.Jacob@epa.gov, Burrell.Omari@epa.gov

APPLICANT & WORKSPACE DETAILS:

Workspace ID:	WS01050649
Application Filing Name:	Clifton Garden Club Inc.
UEI:	KX4RMGW4Q226
Organization:	CLIFTON GARDEN CLUB INC.
Form Name:	Budget Information for Non-Construction Programs (SF-424A)
Form Version:	1.0
Requirement:	Mandatory
Download Date/Time:	Apr 26, 2023 10:52:14 AM EDT
Form State:	Error(s)

FORM ACTIONS:

CHECK FOR ERRORS | SAVE | PRINT

View Burden Statement

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1.		$	$	$	$	$
2.						
3.						
4.						
5. Totals		$	$	$	$	$

Standard Form 424A (Rev. 7- 97)
Prescribed by OMB (Circular A -102) Page 1

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1)	(2)	(3)	(4)	Total (5)
a. Personnel	$	$	$	$	$
b. Fringe Benefits					
c. Travel					
d. Equipment					
e. Supplies					
f. Contractual					
g. Construction					
h. Other					
i. Total Direct Charges (sum of 6a-6h)	0.00	0.00	0.00	0.00	$ 0.00
j. Indirect Charges					$
k. TOTALS (sum of 6i and 6j)	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00
7. Program Income	$	$	$	$	$

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Prescribed by OMB (Circular A -102) Page 1A

SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8.	$	$	$	$ 0.00
9.				0.00
10.				0.00
11.				0.00
12. TOTAL (sum of lines 8-11)	$	$	$	$ 0.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$	$	$	$	$
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$	$	$	$	$

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16.	$	$	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$	$	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges:

23. Remarks: Only the top screen was done, since the other sections were either not applicable or may vary at the planting discretion of the state or county land owners.

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WORKSPACE FORM

Ex. 6 Personal Privacy (PP)
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APPLICANT & WORKSPACE DETAILS:

Workspace ID:	WS01050649
Application Filing Name:	Clifton Garden Club Inc.
UEI:	KX4RMGW4Q226
Organization:	CLIFTON GARDEN CLUB INC.
Form Name:	Application for Federal Assistance (SF-424)
Form Version:	4.0
Requirement:	Mandatory
Download Date/Time:	Apr 26, 2023 10:51:52 AM EDT
Form State:	

FORM ACTIONS:

CHECK FOR ERRORS | SAVE | PRINT

View Burden Statement

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [x] Preapplication
- [ ] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: Completed by Grants.gov upon submission.

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Clifton Garden Club Inc.

* b. Employer/Taxpayer Identification Number (EIN/TIN): 87-1476354

* c. UEI: KX4RMGW4Q226

d. Address:

* Street1: Ex. 6 Personal Privacy (PP)

Street2:

* City: Clifton

County/Parish: Passaic

* State: NJ: New Jersey

Province:

* Country: USA: UNITED STATES

* Zip / Postal Code: 070131536

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:

* First Name: Elliot

Middle Name:

* Last Name: Solomon

Suffix:

Title: VP

Organizational Affiliation:

* Telephone Number: Ex. 6 Personal Privacy (PP)

Fax Number:

* Email: Ex. 6 Personal Privacy (PP)

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

B: County Government

Type of Applicant 3: Select Applicant Type:

X: Other (specify)

* Other (specify):

2 Friends of 501C3,state late

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

1A1CCC52-3E64-472C-9713-5BCF370F4C09.png Add Attachment Delete Attachment View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Planting 125 Trees in Passaic County in New Jersey

Attach supporting documents as specified in agency instructions.

Add Attachments Delete Attachments View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: NJ-009 * b. Program/Project: NJ-009

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 * b. End Date: 10/31/2026

18. Estimated Funding ($):

* a. Federal	62,500.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	62,500.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name: Elliot

Middle Name:

* Last Name: Solomon

Suffix:

* Title: VP

* Telephone Number: Ex. 6 Personal Privacy (PP) Fax Number:

* Email: Ex. 6 Personal Privacy (PP)

* Signature of Authorized Representative: Completed by Grants.gov upon submission. * Date Signed: Completed by Grants.gov upon submission.

GRANTS.GOV

WORKSPACE FORM

Ex. 6 Personal Privacy (PP)
SUPPORT@GRANTS.GOV

This Workspace form is one of the forms you need to complete prior to submitting your Application Package. This form can be completed in its entirety offline using Adobe Reader. You can save your form by clicking the "Save" button and see any errors by clicking the "Check For Errors" button. In-progress and completed forms can be uploaded at any time to Grants.gov using the Workspace feature.

When you open a form, required fields are highlighted in yellow with a red border. Optional fields and completed fields are displayed in white. If you enter invalid or incomplete information in a field, you will receive an error message. Additional instructions and FAQs about the Application Package can be found in the Grants.gov Applicants tab.

OPPORTUNITY & PACKAGE DETAILS:

Opportunity Number:	EPA-R-OEJECR-OCS-23-01
Opportunity Title:	ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Opportunity Package ID:	PKG00279168
CFDA Number:	66.306
CFDA Description:	Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
Competition ID:	
Competition Title:	
Opening Date:	01/10/2023
Closing Date:	04/14/2023
Agency:	Environmental Protection Agency
Contact Information:	Office of Environmental Justice and External Civil Rights Burney.Jacob@epa.gov, Burrell.Omari@epa.gov

APPLICANT & WORKSPACE DETAILS:

Workspace ID:	WS01050649
Application Filing Name:	Clifton Garden Club Inc.
UEI:	KX4RMGW4Q226
Organization:	CLIFTON GARDEN CLUB INC.
Form Name:	EPA KEY CONTACTS FORM
Form Version:	2.0
Requirement:	Mandatory
Download Date/Time:	Apr 26, 2023 10:52:07 AM EDT
Form State:	No Errors

FORM ACTIONS:

CHECK FOR ERRORS | SAVE | PRINT

View Burden Statement

OMB Number: 2030-0020
Expiration Date: 06/30/2024

EPA KEY CONTACTS FORM

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Elliot | Middle Name:
Last Name: Solomon | Suffix:
Title: VP
Complete Address:
Street1: Ex. 6 Personal Privacy (PP)
Street2:
City: Clifton | State: NJ: New Jersey
Zip / Postal Code: 07013 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: Ex. 6 - Personal Privacy (PP)

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Elliot | Middle Name:
Last Name: Solomon | Suffix:
Title: VP
Complete Address:
Street1: Ex. 6 Personal Privacy (PP)
Street2:
City: Clifton | State: NJ: New Jersey
Zip / Postal Code: 07013 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: Ex. 6 - Personal Privacy (PP)

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Elliot | Middle Name:
Last Name: Solomon | Suffix:
Title: VP
Complete Address:
Street1: Ex. 6 Personal Privacy (PP)
Street2:
City: Clifton | State: NJ: New Jersey
Zip / Postal Code: 07013 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: Ex. 6 - Personal Privacy (PP)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: | First Name: Elliot | Middle Name:

Last Name: Solomon | Suffix:

Title: VP

Complete Address:

Street1: Ex. 6 Personal Privacy (PP)

Street2:

City: Clifton | State: NJ: New Jersey

Zip / Postal Code: 07013 | Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**

E-mail Address: Ex. 6 - Personal Privacy (PP)

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Khaatim Sherrer El

Address: Ex. 6 Personal Privacy (PP)

City: Newark

State: NJ: New Jersey Zip Code: 07108

B. Unique Entity Identifier (UEI): PDNPBCZ2GB51

C. Applicant/Recipient Point of Contact

Name: Kim Gaddy

Phone: Ex. 6 Personal Privacy (PP)

Email: Ex. 6 - Personal Privacy (PP)

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☐ Yes ☒ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

Joan-Marie Foushe
Director of Talent & Operations
Ex. 6 Personal Privacy (PP)
Newark, NJ 07108

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

Joan-Marie Foushe
Director of Talent & Operations
Ex. 6 Personal Privacy (PP)
Newark, NJ 07108

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Khaatim Sherrer El	Executive Director	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Khaatim | Middle Name:
Last Name: Sherrer El | Suffix:
Title: Executive Director

Complete Address:

Street1: Ex. 6 Personal Privacy (PP)
Street2:
City: Newark | State: NJ: New Jersey
Zip / Postal Code: 07108 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address:

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Khaatim | Middle Name:
Last Name: Sherrer El | Suffix:
Title: Executive Director

Complete Address:

Street1: Ex. 6 Personal Privacy (PP)
Street2:
City: Newark | State: NJ: New Jersey
Zip / Postal Code: 07108 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address:

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Kim | Middle Name: H.
Last Name: Gaddy | Suffix:
Title: Executive Director

Complete Address:

Street1: 514 Frelinghuysen Avenue
Street2: P.O. Box 2266
City: Newark | State: NJ: New Jersey
Zip / Postal Code: 07112 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: Ex. 6 - Personal Privacy (PP)

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: | First Name: Tiarra | Middle Name:

Last Name: Lee | Suffix:

Title: Program Manager

Complete Address:

Street1: Ex. 6 Personal Privacy (PP)

Street2:

City: Newark | State: NJ: New Jersey

Zip / Postal Code: 07112 | Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**

E-mail Address: Ex. 6 Personal Privacy (PP)

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Clinton Hill Community Action (CHCA)

* b. Employer/Taxpayer Identification Number (EIN/TIN): 84-2816101

* c. UEI: PDNPBCZ2GB51

d. Address:

* Street1: **Ex. 6 Personal Privacy (PP)**
Street2:
* City: Newark
County/Parish: NJ
* State: NJ: New Jersey
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 07108-1814

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Kim
Middle Name:
* Last Name: Gaddy
Suffix:

Title: Executive Director

Organizational Affiliation: South Ward Environmental Alliance

* Telephone Number: **Ex. 6 Personal Privacy (PP)**
Fax Number:

* Email: **Ex. 6 Personal Privacy (PP)**

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

One Ward United for Environmental Justice, Air Monitoring and Green Infrastructure Collaborative Problem-Solving Initiative

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: NJ-010 * b. Program/Project: NJ-010

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 10/01/2023 * b. End Date: 10/01/2025

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	500,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☒ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☐ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name: Khaatim

Middle Name:

* Last Name: Sherrer El

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 - Personal Privacy (PP) Fax Number:

* Email: khaatim@clintonhillaction.org

* Signature of Authorized Representative: Khaatim Sherrer El * Date Signed: 04/14/2023

oxEGr5h7peR9eX62b+Z5JVn/+MA=

Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Clinton Hill Community Action

1234-CHCA IRS 501(c)3 Designation Letter 3.16.20.pdf
application/pdf
y5C3tsx5MPzRdz/sj/u+oPhmH54=

1235-Walls Resume.pdf
application/pdf
rFKYVOIYeJzhz6n05JIbaTn/d90=

1236-Asada Rashidi (2021) Resume.docx
application/vnd.openxmlformats-officedocument.wordprocessingml.document
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1237-resumeKim_gaddy.2021final (1).pdf
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1238-SWEA - February Newsletter (1).pdf
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1239-SWEA - March Newsletter.pdf
application/pdf
uskr4Fw59+fgukibwkyMUvsfmQU=

1240-SWEA - April Newsletter Round 1.pdf
application/pdf
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Khaatim Sherrer El
Ex. 6 Personal Privacy (PP)
Newark
NJ: New Jersey
07108

PDNPBCZ2GB51
Kim Gaddy
EX. 6 - Personal Privacy (PP)
Executive Director
N: No
N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
N: No
Joan-Marie Foushe
Director of Talent & Operations
Ex. 6 Personal Privacy (PP)
Newark, NJ 07108
Joan-Marie Foushe
Director of Talent & Operations
Ex. 6 Personal Privacy (PP)
Newark, NJ 07108
Khaatim Sherrer El
Executive Director
2023-04-14

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Meetings & Events-$17,500
Evaluation Costs-$12,000
Fiscal Sponsor-$15,000

1241-One Ward United for Environmental Justice, Air Monitoring and Green Infrastructure Collaborative Problem-Solving Initiative .docx
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1245-SWILSON_SWEA_LOC.doc.pdf
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1246-NGT Letter of support for SWEA EPA Collaborative Problem Solving grant (1).pdf
application/pdf
D0AYvl4AhQRxo0gI1ZnJYn8CLVE=

1247-LOS_Rutgers_SWEA_04-06-2023 (1).pdf
application/pdf
Q0W+M55TGtbsTgKxBqojbsPm3cY=

1248-outcomes_outputs.docx
application/vnd.openxmlformats-officedocument.wordprocessingml.document
A3kUO7FpGIJfWMvutw6d1KyuPxw=

1249-EPA Budget (1).xlsx
application/vnd.openxmlformats-officedocument.spreadsheetml.sheet
sBa/ZJdh2cmLuzBV0zzP2YC6FnY=

Application
New
2023-04-14
Clinton Hill Community Action (CHCA)
84-2816101
PDNPBCZ2GB51
Ex. 6 Personal Privacy (PP)
Newark
NJ
NJ: New Jersey
07108-1814
USA: UNITED STATES

Kim
Gaddy

Executive Director
South Ward Environmental Alliance
EX. 6 - Personal Privacy (PP)
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
One Ward United for Environmental Justice, Air Monitoring and Green Infrastructure Collaborative Problem-Solving Initiative

NJ-010
NJ-010
2023-10-01
2025-10-01
500000.00
0.00
0.00
0.00
0.00
0.00
500000.00
b. Program is subject to E.O. 12372 but has not been selected by the State for review.
N: No
Y: Yes
Khaatim
Sherrer El

Executive Director
EX. 6 - Personal Privacy (PP)
khaatim@clintonhillaction.org
Khaatim Sherrer El
2023-04-14

Khaatim
Sherrer El

Executive Director
Ex. 6 Personal Privacy (PP)
Newark
NJ: New Jersey
07108
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)

Khaatim
Sherrer El

Executive Director
Ex. 6 Personal Privacy (PP)
Newark
NJ: New Jersey
07108
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)

Kim
H.
Gaddy

Executive Director
514 Frelinghuysen Avenue
P.O. Box 2266
Newark

NJ: New Jersey
07112
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)

Tiarra
Lee

Program Manager

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Khaatim Sherrer El
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INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: MAR 16 2020

CLINTON HILL COMMUNITY ACTION
C/O KHAATIM SHERRER EL
625 BROAD ST STE 240
NEWARK, NJ 07102

Employer Identification Number:
84-2816101
DLN:
29053316317009
Contact Person:
RENEE RAILEY NORTON ID# 31172
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)
Accounting Period Ending:
June 30
Public Charity Status:
170(b)(1)(A)(vi)
Form 990/990-EZ/990-N Required:
Yes
Effective Date of Exemption:
August 22, 2019
Contribution Deductibility:
Yes
Addendum Applies:
No

Dear Applicant:

We're pleased to tell you we determined you're exempt from federal income tax under Internal Revenue Code (IRC) Section 501(c)(3). Donors can deduct contributions they make to you under IRC Section 170. You're also qualified to receive tax deductible bequests, devises, transfers or gifts under Section 2055, 2106, or 2522. This letter could help resolve questions on your exempt status. Please keep it for your records.

Organizations exempt under IRC Section 501(c)(3) are further classified as either public charities or private foundations. We determined you're a public charity under the IRC Section listed at the top of this letter.

If we indicated at the top of this letter that you're required to file Form 990/990-EZ/990-N, our records show you're required to file an annual information return (Form 990 or Form 990-EZ) or electronic notice (Form 990-N, the e-Postcard). If you don't file a required return or notice for three consecutive years, your exempt status will be automatically revoked.

If we indicated at the top of this letter that an addendum applies, the enclosed addendum is an integral part of this letter.

For important information about your responsibilities as a tax-exempt organization, go to www.irs.gov/charities. Enter "4221-PC" in the search bar to view Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, which describes your recordkeeping, reporting, and disclosure requirements.

Letter 947

CLINTON HILL COMMUNITY ACTION

We sent a copy of this letter to your representative as indicated in your power of attorney.

Sincerely,

Stephen A. Martin

Director, Exempt Organizations
Rulings and Agreements

Letter 947

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EDUCATION

Spelman College, Atlanta, Georgia **August 2018 – May 2021**
Major: Environmental Studies
Honors: Alpha Lambda Delta National Honors Program
Relevant Course Work: Intro to Environmental Health, Intro to Environmental Toxicology, Environmental Politics-Policy, Global Environmental Change, Sustainable Development, Industrial Ecology, Health Economics

EXPERIENCE

Newark Beth Israel Medical Center, Newark, NJ **May 2020-Present**
Universal Service Assistant

- Manage patients, by checking their pulse and oxygen levels, and feeding them lunch.
- Implemented Covid testing and directing employees into individual rooms.
- Screen visitors and employees and taking temperatures.

Newark City Hall, Department of Sustainability, Newark, NJ **May 2019-June 2020**
Sustainability Intern

- Create Google Forms for Catch Basin Participants.
- Call and email residents to ensure continued participation in Catch Basin program.
- Participate in the Love Your Block Program.
- Attend Sustainability, Recycling, and Call to Action Summits.

Student Conservation Association, Newark, NJ **July 2018-August 2019**
Delta Commuting Crew (Summer)

- Build trails, restore river and lakefront environments, and conserve habitats.
- Explore green jobs and the career opportunities that exist in the region.
- Engage in environmental field trips and excursions.
- Give back to the community through service projects.

Commercial District Services, Southward Special Improvement District, Newark, NJ **February 2017- 2019**
Youth Ambassador

- Eliminate debris off streets and sidewalks, beautifying the city.
- Reduce posters and paint over graffiti light posts and telephone booths.
- Shovel snow at bus stops and crosswalks, creating safe pathways to walk on.

ADDITIONAL ACTIVITIES

Muslim Teens Connect, Newark, NJ **January 2014-Present**
Founding Member

- Serving the homeless
- Cleaning empty lots
- Visiting seniors
- Assembling personal care packets for college students

SKILLS

• Basic Proficiency in Spanish • Computer Literacy ● Interpersonal ● Team Player ● Detail-oriented

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Education

Ithaca College, Roy H. Park School of Communications, Ithaca, NY **(May 22, 2022)**
Bachelor's of Fine Arts in Film, Photography, and the Visual Arts, Minor in English
Semester at Sea, Study Abroad Program **(Jan. 2022 - Apr. 2022)**

Awards

- New York Press Association, Best Use of Social Media (Jan. 2020)
- Newark International Film Festival, Best Youth Feature Film (Aug. 2017)

Media Experience

Social Media Manager, Segment Writer, & Production Assistant, *Ithaca College Television*, "Game Over" (Nov. 2018 - Apr. 2020)
Production Assistant, *Ithaca College Television*, "After Hours" (Aug. 2019 - Apr. 2020)

Academic Project Highlights

"They Live Forever" (2021)	Director, Producer	Documentary Short Film - (Dec. 2021)
"Bluu" (2021)	Director of Photography	Fiction Short Film - (Oct. 2021)
"Dear Future Me" (2020)	Editor, Director	Documentary Short Film - (Dec. 2020)
"Aisle 10" (2019)	Director Photography	Fiction Short Film - (Nov. 2019)
"Polaroid" (2018)	Writer, Director, Producer	Silent Fiction Short Film - (Mar. 2019)
"Eye of The Beholder"	Writer, Producer, Editor	Documentary Short Film - (Aug. 2016)

Work Experience // Hired Work

Managing Editor, *The Ithacan*, Ithaca College **(Apr. 2021 - Dec. 2021)**
The Managing Editor is in charge of making sure the production of the paper goes smoothly each week. Responsibilities include but are not limited to:
- Continual contact with the printer and then send paper to the printer each week.
- Organize and oversee the hiring and training of new Editorial Board members.
- Facilitate the creation, scheduling, and overseeing of weekly board meetings.
- Check, spell check, and PDF the paper each week.
- Maintain both an online and print schedule to make sure that deadlines are being met.

Orientation Leader, *New Student Transition Program*, Ithaca College **(Apr. 2021 - Aug 2021)**
- Led and facilitated community based activities with first year students
-Individually worked with 30+ students answering questions and giving advice
-Completed trainings that focused on conflict resolution, deescalation and diversity

Community Outreach Manager, *The Ithacan*, Ithaca College **(Aug. 2020 - Dec. 2021)**
As the Community Outreach I strengthen the relationship between The Ithacan and the wider campus community. As the Community Outreach Manager I have so far implemented; "Meet the Editors" to introduce the staff to the community, "The Intersection" a podcast to talk about intersectionality in relation to campus, and Common Hours once a month for people to connect and voice concerns.

Resident Assistant & Virtual Resident Assistant, *Residential Life*, Ithaca College **(Apr. 2019 - May 2021)**
-Created community, encouraged intersectional dialogue, mediated conflict, and planned engaging events for first-year students
-Served as a primary resource for students dealing with mental health issues, connected them with counseling services, and handled mental health crisis situations
- Providing virtual connections with students during fully remote learning

Social Media Manager, The Ithacan, Ithaca College **(Dec. 2019 - Feb. 2021)**

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The Social Media Manager for The Ithacan runs all of The Ithacan's social media platforms. They work to increase the following and engagement of those accounts. In addition, they create unique pieces for all of the different platforms.

Job includes but is not limited to:

- Scheduling stories to go up on Facebook and Twitter
- Making sure all our social media platforms are up-to-date and work uniform
- Keep up with DM's and notifications for messages
- Interact with other clubs and or groups on campus to keep a good relationship with them
- In charge of making graphics for the Instagram
- Update graphics for stories and breaking news
- At weekly meetings the social media editor will do weekly analytics to report impressions and interactions

Podcast Social Media Strategist, ***Everything's Political with Junius Williams*** **(Aug. 2020 - May 2021)**

- Development of the social media pages
- Managing and promoting social media by creating new posts and ensuring scheduled posts are released
- Checking analytics and ensuring all website pages and buttons are working correctly
- Creating hand-drawn images for guests and monthly graphics for the Podcast
- Creating Headliners/Moving graphics for promotions

Video Production Insturctor, Media Produtcion Assistant, & Youth Mentor (Jun. 2017 - Aug. 2021)

Graphic Designer, Web Designer, Social Media Manager, & photographer, ***Newark Moonlight Cinema***

Newark Moonlight Cinema is a pop-up black-owned drive-in movie theater. **(Jun. 2020 - Dec. 2020)**

-Created all company branding and content (ie. logo, social media graphics, banners, etc.)
-Made daily graphics to go out on all social media platforms
-Handled the scheduling of the graphics for all platforms
-Designed and branded a new website for a pop-up drive-in movie
-Implemented website design utilizing WIX
-Managed website by making updates daily; adding trailers, making tickets live, and handling customer questions on the chat feature

Orignial Content Creator, Youth Media Symposium (Aug. 2019)

- Created original branded content for the Youth Media Symposium (YMS) to highlight the summer program and what the students learned

On Campus Involvement

Dean's Host for the Roy H. Park School of Communications, Ithaca College (Sep. 2021-Dec. 2021)

- Provide weekly tours of the Park School of Communications to prospective students and their families.
- Assist in the planning, staffing, and running of All Park School Admission Events.

Marketing Committee Member, ***Students Today Alumni Tomorrow*****, Ithaca College (Sep. 2019-Jan. 2021)**

Public Relations and Event Planner, ***The D.O.P.E. Steppers*****, Ithaca College (Apr. 2019 - Jan 2020)**

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PROFESSIONAL EXPERIENCE

New Jersey Environmental Justice Director Jan 2001-Present
Clean Water Action Montclair, NJ

- Coordinating Public Education Campaigns to ensure consumers have safe and affordable drinking water, reducing the use of pesticides in schools, homes, recreational area and workplaces through Integrated Pest management and enforcement of our environmental laws.
- Coordinating statewide citizen lobby efforts for Kids Clean Air Zones, Healthy Homes/Schools
- Organized and developed conferences to address organizational capacity of community organizations and coalitions.
- Establishing and cultivating the next generation of Urban Environmental Voices.

Accomplishments

* Recipient of the 2020 Richard J. Sullivan Award for lifelong strides in protecting New Jersey environment.
* Coordinated a statewide coalition of community activist, elected officials, environmental, social justice and civil rights organizations in the establishment of the strongest Cumulative Impacts Legislation in the nation.
* Co-Founder of the New Jersey Environmental Justice Alliance, statewide coalition and recognized leader on both local and national level, developing air pollution, climate change and public health policy.
* In collaboration with community-based organizations, clergy and academic partners developed a task force to examine Environmental Justice issues in the Greater Newark area.

Director and Founder Jan 2015-Present
South Ward Environmental Alliance (SWEA) Newark, NJ

- A women-led grassroots Environmental Justice community based organization with a mission to create healthy and vibrant neighborhoods by ensuring residents voices are heard and active participants in decision making regarding policies that impact their neighborhood.
- Responsible for the daily operation of the SWEA, supervision of staff, programs, community outreach and volunteers.
- Implemented a Community based participatory Hyper-local air monitoring program to address the cumulative impacts of freight and goods movement pollution.
- Responsible for securing funding and developing proposals for the agency.
- **Accomplishments**
  * Recipient of the 2021 Russ Berrie Making A Difference Honoree
  * 2021 Weequahic High School Hall of Distinction
  * Positioned SWEA to be an environmental resource for local community groups and stakeholders.

Chief Of Staff 1994 -1998
Hon. Mildred C. Crump Newark, NJ

- Responsible for the daily operation of the office, supervision of staff, payroll, community relations, analyzing city ordinances and policies, liaison to all Directors of City Departments
- Produced and directed monthly television show, “straight Talk with Mildred Crump”
- Drafted speeches and position papers
- **Accomplishments**
  * Coordinated an annual Women’s Conference and Scholarship Fund for Newark residents and youth.
  * Coordinated community meetings to discuss the need for Safe Houses in Newark for children exposed to Lead

Aide to Council President 1989-1994
Redacted Newark, NJ

- Supervised a staff of 4 professionals, responsible for staff scheduling and evaluations.
- Provided technical assistance to community based organizations, block associations and churches.
- Liaison to City Department Directors and field representatives at community functions.
- **Accomplishments**
  * Developed a comprehensive resource directory to identify Youth Services available in the South Ward. Provided yearly educational forums to educate the community on curriculum development, safety issues and organizing PTA's

Affiliations

- Treasurer, Essex County Federation of Democratic Women
- Board Member, The Moving Forward Environmental Justice Fund
- Vice Chair, NJDEP Environmental Justice Advisory Council
- NY/NJ Regional Representative for the Moving Forward Network
- Coordinator, Newark DIG (Doing Infrastructure Green)
- Project Coach, Leadership Newark
- Former, Chairperson, Newark Environmental Commission
- Founding Member, New Jersey Environmental Justice Alliance
- Former Chair, Essex County Environmental Commission
- Former Member, Irvington Environmental Commission
- Fellow, New Jersey Neighborhood Leadership Initiative
- Former State President, International Black Women's Congress, New Jersey Affiliate
- Former Treasurer, Board of Directors, Newark Women's Conference
- Former Board Member, Program for Parents
- Former Elected and Appointed Member, Newark Public Schools
- Former Board Member, United Community Corporation
- Former Commissioner, Newark Pop Warner Football League
- Former Director, Union County Women's Bowling Association
- Former Co-President, Weequahic Alumni Association

Certifications

Certified Instructor, Green Infrastructure
Certified Instructor, Solar Installer Program
CPR Certification

Education

Rutgers University 1982-1986
New Brunswick New Jersey Major Economics

SOUTH WARD ENVIRONMENTAL ALLIANCE

One Ward | United For Environmental Justice

#SWEANews | #SWEA | #SouthWardEA | #SouthWardEnvironmentalAlliance

SWEA News & Updates

Visit our website

Message from Our Founder & Executive Director

Welcome to February South Ward Family!

As we celebrate Black History Month, I appreciate this year's theme Black Resistance. This theme honors and recognizes the resistance of historic and ongoing oppression of Black people.

As I reflect on my work in the Environmental Justice space, I must thank the past, current and future EJ leaders for fighting for residents to Breathe Clean Air and have access to safe affordable drinking water in their neighborhoods and homes.

For the most part, community members, primarily people of color, started the environmental justice movement in the 1980s to address the inequity of environmental protection in their communities. The movement seeks to shed light on widespread environmental disparities and advocate for every American's right to live in a clean and healthy environment.

As members of the South Ward Environmental Alliance, you are a key part of the South Ward EJ Movement to address the environmental racism and unfair treatment we suffer from today and historically based on our zip code. You are the current Voices we need to resist the continued oppression that targets our families.

As an Environmental justice advocate, we seek to address, repair, and provide solutions to the historical and ongoing environmental injustices that are disproportionately experienced by Black, Indigenous, and people of color as well as low-income communities.

As part of our Environmental Resistance we must fight everyday to ensure environmental justice is prioritized in the government policies to address, mitigate, and alleviate environmental costs by dismantling systemic injustices and barriers to environmental and economic progress.

We will win, Mighty South Ward!
Stand up for Environmental Justice, Resist, Resist and Resist!
Your Life Matters. Join Us as we build One Ward, United for Environmental Justice.
In the Struggle,
Kim Gaddy, **Executive Director**

Upcoming Events:

- SWEA Monthly Meetings
  - Every 4th Wednesday
  - @ 6pm-7pm
  - Zoom Link
- Save the Date for SWEA's 2nd annual Enviornmental Summit
  - April 22nd @ 10AM



Clean Energy Jobs Coalition Meeting

On January 31st, South Ward Environmental Alliance's Executive Director, Kim Gaddy and Environmental Justice Organizer, Asada Rashidi attended the Clean Energy Jobs Coalition meeting. The Clean Energy Jobs NJ coalition is working to ensure New Jersey's clean energy transition is equitable and pro-worker. This coalition is composed of more than 40 community, labor, health, faith, equity, environment, and business groups including South Ward Environmental Alliance. The meeting consisted of ideas to strengthen strategizing advocacy efforts. Members discussed ways to influence elected officials to embrace an equitable transition to clean energy. Strategies to strengthen communication and community leadership through mobilizing non-traditional voices, using storytelling, Op-eds, advertisements, and targeted events were also explored. As a state and coalition, we can simultaneously take on the climate crisis and create well-paying, family-sustaining jobs. The coalition anticipates the state legislature to introduce a Clean Energy Jobs bill package in early 2023. Visit cleanenergyjobsnj.org to stay updated and learn how you can help.

New Hires

South Ward Environmental Alliance welcomes two new members to the team

Christopher Westbrook

SWEA is excited to bring in a new Youth Organizer into our community. South Ward family meet Christopher Westbrook. Chris Westbrook is a current junior at Towson University, where he studies Environmental Science.
He is a Baltimore native with past experiences working for Amazon as a fulfillment associate. Which is a fancy

way of saying manual labor. Westbrook would be the one to load your Christmas presents and bowling balls onto the trucks.
Westbrook is a passionate leader, he has goals in finding fulfilling work in the environmental sphere. He wishes to change people's lives in positive ways. Westbrook spent the second semester of his sophomore year studying abroad with the program Semester at Sea. Which is where he met our Communications liaison Frankie Walls. Since exploring the world, Westbrook has been reinvigorated to his passions in environmentalism and sustainability.



Westbrook's role in the organization as the Youth Organizer is to cultivate, recruit and engage South Ward youth to become the next generation of environmental justice advocates. This council of 5-7 youth leaders will work collaboratively to create an environmental justice action plan for a thriving and sustainable South Ward community. SWEA's Youth Council will plan and organize workshops, trainings and community meetings to educate the youth. They will also establish community outreach networks and clubs within schools to build urban sustainability Green Teams of students.

Azania Heyward-James



Azania Heyward-James is South Ward Environmental Alliance's new consultant. Ms. Heyward-James is a well-known expert public health analyst, advocate, and community development strategist. Her passion for empowering the community by bringing information, capacity, and tools to advocate for themselves was sparked through exposure during her upbringing and schooling. Ms. Heyward-James is a graduate of Spelman College, University of Massachusetts Amherst, CDC's Leadership and Management Institute, and the Institute of Integrative Nutrition in partnership with SUNY and is a board-certified holistic health coach through the American Association of Drugless Practitioners. Cultural experience with PanAfricanism and Kwanzaa principles influence her everyday personal and professional lifestyles. She has always been interested in the health of bipoc communities. Ms. Heyward-James led public health campaigns, pipeline training and workforce development, environmental remediation efforts at the Centers for Disease Control and Prevention (CDC) and Agency for Toxic Substances and Disease Registry (ATSDR) for more than 20 years traveling internationally to provide technical assistance.

Ms. Heyward-James now leads a team of strategists in a newly launched policy nonprofit

organization, the Cornerstone Collective 2020 Global and Dame Consultants. The Collective seeks to support and implement existing and emerging sustainable strategies to improve all aspects of health, wellness and quality of life, and mitigate adverse health outcomes through engaging, informing, influencing, and collaborating with policymakers to drive policy change.

South Ward Environmental Alliance is excited to work with Azania Heyward-James, as she will assist with transforming the data received from our Air Quality Monitoring Project into a narrative that captures disproportionate exposures to pollution that the South Ward community faces. Ms. Heyward-James will assist in creating infographics that will break down the language and science, make it digestible for anyone in the community to understand. Ms. Heyward-James believes that there is not a more powerful voice than we the people. With her help SWEA will be able to build capacity and capability in the South Ward community to have residents become active participants in decision-making policies that impact their neighborhood.

SWEA Senior Advisory Board Member Highlight: Marva Hopps

The South Ward Environmental Alliance has established a Senior Advisory Board composed of senior citizens representing the Clinton Hill section, Weequahic section, and Dayton Street section, all areas of the South Ward of Newark. This board will seek to educate and engage other seniors from the community on environmental issues that are affecting the health and welfare of their specific population, and will motivate other senior residents to become active participants in the environmental justice movement.



We are proud to highlight this month one of our Senior Advisory Board members from the Seth Boyden Elderly community, Ms. Marva Hopps, affectionately known as “Cookie”, who was borned and reared in Dade City, Florida and migrated to Newark, NJ in 1999. She worked in child care for Karate for Youth in Irvington, NJ for several years.

Ms. Hopps said she was proud to have taken computer classes at the New Community Corporation. She later was employed as a dietician at the Mt. Carmel Guild until her retirement. Ms. Hopps moved to Seth Boyden Elderly Complex in 2003. She later became active in the community working with other resident leaders. She is the founder and president of Women on the Rise and served as the tenant association vice president and later president. Ms. Hopps continues to serve her community in assisting other senior residents in need of medical and social services. Her life has been dedicated to volunteerism and advocacy.

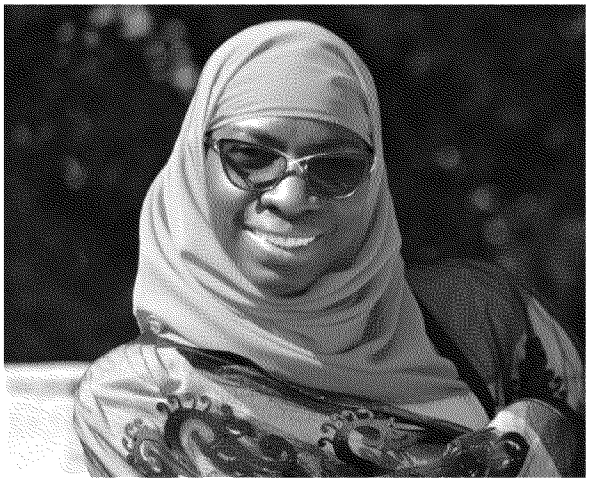
She was asked the question of as a community leader and SWEA Senior Advisory Board member, what do you see as your role to address the environmental issues in the community? She simply responded that her role is to educate other seniors on the environmental issues and its impact on their health and to develop other leaders in the community to continue this fight.

Ms. Hopps says the greatest problem that she sees in the Dayton Street community is impacting the environment is the immense truck traffic and the related fumes of emissions that it generates. She also fears that as pedestrians, they have to carefully negotiate the truck and tractor trailer traffic often placing them at high risk of accidents.

SWEA welcomes Ms. Marva Hopps to the team and the energy that she will bring to our organization.

Sonny William Gaddy Jr. Entrepreneurship Recipient:

Dena Corbin



2023 Sonny William Gaddy Jr. Recipient of the Entrepreneurship Award
Growing season 2022 was a very full year for Natural Ground 1. On June 30, 2022, I had to close my schedule. I could no longer assist with planting any more gardens, lead any more workshops or take on any more speaking engagements. But that did not sit well with me. So, I decided to design a gardening program, with the name I used when I was a Special Needs Teacher entitled, "GrOW a Garden and GrOW Yourself: Where Gardening, Creativity, and Nature Meet". This program focuses on teaching individuals, families, and communities my signature gardening skills. The program infuses my knowledge and most of all my passion for creating expansive garden spaces, the art of growing food and bringing people together for enjoyment. Having developed a unique way of learning engagement, skills development, and personal enhancement through the joy of gardening and connecting to Nature; I am beyond excited to get started.

I truly feel it is now time to impart that knowledge onto other people. I will be teaching my life's work through field trips and invited speakers' participants will learn about various aspects of gardening through a different lens. Engage in ways that will teach garden design and implementation of gardens and green spaces that offers a full wellness and well-being environment along with growing and harvesting food. Participants will be encouraged to support existing gardens or design one of their own and share what they have learned from Natural Ground 1: Grow a Garden and Grow Yourself, and the cycle of support continues.

Connect With Us!

South Ward Environmental Alliance (SWEA) | 208 Lyons Ave, Newark, NJ 07112

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SCHOOL OF PUBLIC HEALTH
Maryland Institute for Applied and Environmental Health

Sacoby Wilson, PhD, MS
Professor and Director
2234 School of Public Health Bldg
College Park, Maryland 20742-2611
Ex. 6 Personal Privacy (PP) TEL, Ex. 6 - Personal Privacy (PP) FAX

April 11, 2023

Mr. Jacob Burney
Office of Environmental Justice & External Civil Rights
Environmental Protection Agency
Washington, D.C.

Dear Mr. Burney,

My name is Dr. Sacoby Wilson and I am pleased to describe my commitment and that of my CEEJH colleagues to the proposal being set forth by the South Ward Environmental Alliance (SWEA) and their fiscal sponsor, Clinton Hill Community Action (CHCA), titled "One Ward United for Environmental Justice, Air Monitoring and Green Infrastructure Collaborative Problem-Solving Initiative". I am a Professor with the Maryland Institute for Applied Environmental Health, School of Public Health, University of Maryland-College Park and Director of the Center for Community Engagement, Environmental Justice, and Health (CEEJH). CEEJH was founded in 2011 as a laboratory and relaunched in 2021 as a Center to assist frontline and fenceline communities impacted by environmental, climate, and energy justice issues through technical assistance, scientific support, and use of community-engaged research approaches including the community-based participatory research (CBPR) framework and community science. I personally have almost 25 years of experience using the EPA Collaborative Problem-Solving Model dating back to my contribution to the efforts of the West End Revitalization Association to address the lack of basic amenities and the planned expansion of the 119 Bypass in the late 90s. I have integrated the CPS Model into all of my community-engaged research, scholarship, and practice since then.

CEEJH has been working throughout the Mid-Atlantic for over a decade with community-based organizations including groups like SWEA. Recently, CEEJH received a grant from the Robert Wood Johnson Foundation (RWJF) to launch the Mid-Atlantic Climate Action Hub (MATCH) whose goal is to provide technical assistance to communities impacted by environmental and climate justice issues. We have engaged community-based organizations in Prince George's County, Virginia, Eastern Shore/Southern Delaware, Philadelphia, New Jersey, and Baltimore to act as hubs for MATCH. SWEA is a community hub for MATCH. Additionally, I am co-Director of the recently funded Thriving Communities Technical Assistance Center (TCTAC)(National Wildlife Federation is the lead and the UMD EFC is a core partner) for Region III. Through this TCTAC, we will provide technical assistance to communities impacted by environmental and energy justice issues to help them build their capacity to address their local concerns. The technical assistance will include providing grantwriting assistance.

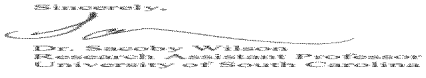
Additionally, with Namati (lead organization), I am helping to develop and implement the Mid-Atlantic Environmental Justice Academy which was funded through an EPA Collaborative Problem-Solving Grant. Through this funding, we will be training members of impacted communities and other stakeholders to develop their skills to address their local environmental justice concerns. Furthermore, through funding from Meta, I have launched the Climate Justice Fellows Program, a sister program to the Mid-Atlantic EJ Academy, to train residents and other stakeholders on climate justice, equity, and health issues. Participants are required

to complete a Capstone project as a way to provide direct support to a community experiencing environmental, climate, and energy justice issues.

The implementation of SWEA's project is extremely important to the underserved and overburdened communities in the Dayton, Weequahic and Clinton Hill neighborhoods in the South Ward of Newark, New Jersey. The South Ward community is surrounded by the second largest port in the United States, Newark Airport, major interstate highways, such as the New Jersey Turnpike and numerous county roads including Routes 22, 1, 9, and 78. All of the aforementioned environmental burdens expose the targeted communities to high levels of toxic emissions from air, marine, vehicular and freight traffic. For the past two years, my team has been working with SWEA to develop and implement a community-driven hyperlocal air quality monitoring network to understand the cumulative impacts of air pollution in the area.
In support of SWEA's proposal, CEEJH will provide workshops to communities that SWEA serves. The workshops will cover: (1) The relationship between environmental justice, air quality and community science; (2) The importance of implementing user-friendly air monitoring technology to track every day and cumulative exposures to air pollution; (3) The utilization of low cost sensors (such as the Purple Air) to collect continuous real time data; (4) Analysis and Interpretation of data from air monitors; (5) The importance of reliable, compelling data for environmental justice advocacy and health policy changes; and (6) Use of effective dissemination strategies to present the air monitoring data in a compelling and convincing manner to local, state, and federal agencies and policy makers.

As a designated environmental justice and climate action hub and close collaboration with the Mid-Atlantic Environmental Justice Coalition, we feel we are particularly well suited to serve as a partner in the work of this proposed project. Should EPA have any questions about the outlined commitments, please reach out via the contact information noted below.

Sincerely,



Dr. Sacoby Wilson, Professor and Director
Center for Community Engagement, Environmental Justice, and Health (CEEJH)
School of Public Health
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SOUTH WARD ENVIRONMENTAL ALLIANCE

One Ward | United For Environmental Justice

#SWEANews | #SWEA | #SouthWardEA | #SouthWardEnvironmentalAlliance

SWEA News & Updates

Check Out Our Website!

Message from Our Founder & Executive Director

Welcome Spring!

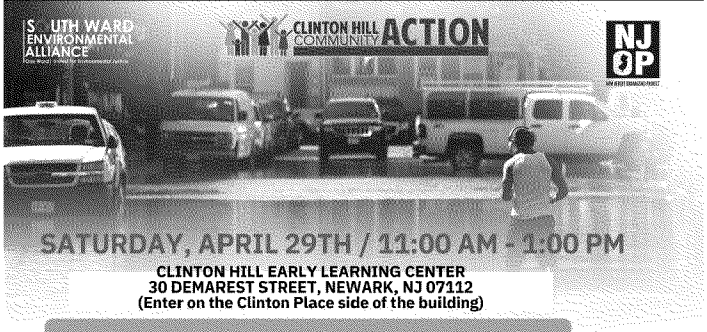
Greetings South Ward Family,
April is the month we celebrate Earth Day. The theme, "Invest in Our Planet" is the opportunity for everyone to invest in activities to improve our environment. We only have one planet to live and raise our families, so we must protect Mother Earth for the future generations. This is your opportunity to increase awareness about the air you breathe, the water you drink and the food you eat. Encourage your neighbors to participate in a community clean up, plant a tree, visit a park, recycle, reduce and reuse items.
The actions we take can save our planet, our health and community.
Join us on April 22nd for our 2nd Annual Environmental Summit, 10am-2 pm, breakfast starts at 930am.
Mighty South Ward, our health and life matters!
Join Us at the table for Environmental Justice, your seat is waiting for you.

In Solidarity,
Kim Gaddy, Executive Director

Upcoming Events:

- Administrative Public

Hearing for Sims Metal Newark (virtual)theinformation session will be held on April 13th 6:00pm - 8:00pm For instructions on how to register for and join the session, please contact Sims by email at



One and a half years after Hurricane Ida, both renters and homeowners are still struggling with no true recovery in sight. Since the storm, the New Jersey Organizing Project has connected with other survivors and now are standing together to demand that Ida survivors get the recovery we deserve.

Great news, there are grant programs for impacted Newarkers! Join us to learn about Hurricane Ida grant money by attending this Community Meeting & connect with our Housing Justice Team!!!

For more information contact , Pam Patterson , [redacted] OR housingcounselor@clintonhillaction.org

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Facilities subject to the Environmental Justice Law and the Administrative Order 2021-25 must facilitate meaningful opportunities for overburdened communities to engage in permitting decisions for pollution-generating facilities through an enhanced public participation process.

- Tuesday, April 18th, 12:00-1:30pm PST. Join The International Council on Clean Transportation (ICCT) to learn more on the policies, strategies and funding opportunities to decarbonize ships and ports, as well as the public health and air quality benefits of port electrification and the tools that can be used to quantify these benefits. Registration link here.
- Join us on April 22nd for the South Ward Environmental Alliance's 2nd annual Environmental Summit. Register with the link here. Full agenda and more summit information here on our website.
- SWEA Monthly Meeting via Zoom on April 26th at 6pm Monthly Meeting Zoom Link
- Join us for SWEA's Annual air quality monitoring and truck count to collect data on emissions in the South Ward on April 26th and 27th. Registration link here.
- Join SWEA and CHCA on Saturday, April 29th, 11AM-1PM to discuss Hurricane Ida Recovery Programs and the $228 million in Community Development Block Grant-Disaster Recovery (CDBG-DR) funding from the U.S. Department of Housing and Urban Development to fund the recovery programs. See flyer above, and visit online for more information or to apply for storm recovery programs.

Apply to join NJ's Environmental Justice Advisory Council!
DEP is seeking applications from interested individuals to be considered for appointment to the Environmental Justice Advisory Council (EJAC).
There are seven (7) vacancies for three-year terms from 2023 through 2026 in the following sectors:

- Local grassroots or community groups (1 vacancy)
- Statewide environmental justice or environmental advocacy organizations (1 vacancy)
- Statewide social justice/civil rights or labor organization (1 vacancy)
- County or municipal government or planning professional (1 vacancy)
- Academia (2 vacancies)
- Business and Industry (1 vacancy)

Applications must be submitted by 5:00 pm on April 21, 2023 in order to be considered.







Two South Ward Organizations Team Up to Train Residents for the emerging Green Jobs Economy

Newark, NJ – March 27, 2023 Partner organizations South Ward Environmental Alliance and Clinton Hill Community Action, both of Newark, were honored as the recipients of a NJ Building Our Resilient, Inclusive, and Diverse Green Economy (NJ BRIDGE) grant award at a New Jersey Council on the Green Economy event on Monday, March 27th. The award provides $1.3. million, over two years, and will fund a pilot program focused on building a diverse, inclusive green workforce in the South Ward of Newark.

The NJ BRIDGE grant was announced by NJ First Lady, Tammy Murphy, who participated in a roundtable on "Building New Jersey's Inclusive Green Workforce" with panelists including, Kim Gaddy, Founder and Executive Director of the South Ward Environmental Alliance; NJ Council on the Green Economy Executive Director, Jane Cohen; and representatives of other awarded organizations.

"This project represents a true partnership between the South Ward Environmental Alliance (SWEA) and our community development organization," observed Khaatim Sherrer El, Executive Director of Clinton Hill Community Action (CHCA). "The work follows Kim's vision to grow the next generation of environmental justice advocates and to diversify the green jobs sector."

In creating a Green Jobs Hub, SWEA will partner with CHCA to recruit 120 South Ward residents and provide wrap-around support for a 16-week job training

program that starts with participation in SWEA's Green Alliance Leadership Academy (GALA). GALA is a work-ready program designed to help traditionally underrepresented populations explore careers in environmental justice and connect them with certification-bearing job training programs in areas including green infrastructure (water management that protects, restores, or mimics the natural water cycle) and energy efficiency. SWEA will identify prospective employers, and the two groups will then work together to match participants with employment and additional specialized training opportunities.

Timisha Woods, a South Ward resident, and certified Newark's Green Infrastructure Installer participated in the City of Newark, Green Works program. "Newark's Green Infrastructure Program has not only created more awareness of the environmental issues we face here in Newark and cities like ours but has also trained us to be part of the solution. I am prepared to manage GI projects in the South Ward, City of Newark, and throughout the State of New Jersey, stated Timisha Woods."

"The green economy and jobs in the green workforce—like *Green Infrastructure Installer* or *Solar Installer*—have not been careers discussed in schools or around the kitchen table in African-American and Latino communities. GALA will give participants the background, language, and confidence to pursue careers in the field," explains Ms. Gaddy. "GALA will empower participants as leaders who turn their years of living through environmental degradation into opportunities to effect positive changes in their communities and the State."

"The project will create a sustainable workforce development ecosystem for green jobs in Newark's South Ward. This Green Jobs Hub will integrate strategies to address barriers to employment and foster strategic partnerships to help participants secure living wage jobs with upward mobility in the green economy," concluded, Gaddy.

"Clinton Hill Community Action has been committed to environmental justice since its inception. "We are grateful that our strategic partner, South Ward Environmental Alliance, helped us connect the dots between housing and environmental justice from the beginning. We have worked together to empower residents to address in-home lead and asthma hazards, and made environmental justice a priority focus in our Neighborhood Plan. In the Fall, we will launch a tree planting and sidewalk repair project to grow our tree canopy as one of the priorities for our neighborhood identified by residents," continued, Mr. Sherrer El.

Newark's South Ward is an area that, like many low-income urban areas, suffers disproportionately from pollution. In its case, this is a result of proximity to incinerators, the Port of Newark and its truck traffic, Newark Liberty International Airport, and the highways that crisscross the South Ward.

South Ward Environmental Alliance is an alliance of residents and community-based organizations focusing on the cumulative impacts of pollution impacting the three neighborhoods of the South Ward. SWEA's mission is to cultivate healthy and vibrant neighborhoods by ensuring residents' voices are heard, and they are active participants in decision-making policies that impact their neighborhoods. SWEA has three core programs: Air Quality Monitoring, Water Equity, and the Green Alliance Leadership Academy.

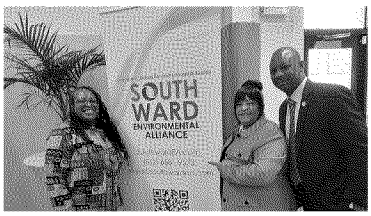
Clinton Hill Community Action was founded in 2019 as a non-profit community development organization that aims to revitalize the Clinton Hill neighborhood in Newark's South Ward. Priority areas include housing and environmental justice; food and economic justice; citizen journalism and advocacy; and community building. Nearly 95% of CHCA's employees live in the South Ward. In 2021, CHCA completed a comprehensive redevelopment plan for the Clinton Hill neighborhood

contributed to by more than 300 residents and 25 community organizations.

Governor Phil Murphy's Office of Climate Action and the Green Economy (OCAGE), in collaboration with the New Jersey Department of Environmental Protection (NJDEP), are the agencies overseeing the NJ BRIDGE initiative—a program to fund scalable projects to support residents entering the green workforce or climbing the green career ladder, with a focus on engagement in overburdened communities.







Moving Forward Network (MFN) Delegates Convene in D.C.



The Moving Forward Network, a national network of over 50 member organizations representing over two million people from across this nation convened in Washington, DC on March 13-16, 2023 to meet with the Environmental Protection Agency Administrator Michael Reagan to address the issue of Zero Emissions within the freight transportation industry. Asada Rashidi, Environmental Justice Organizer was a presenter. In addition, delegation groups met with their Senate and Congressional Legislative staff to seek support for the administration's policy to regulate mandates to eliminate diesel fuel emissions from freight vehicles that are affecting the health of our overburdened communities.
The South Ward Environmental Alliance, a member of this network, was well represented and spoke on how this issue and other pollutants are devastating the South Ward neighborhoods. Kim Gaddy, SWEA Executive Director and a MFN Advisory Board Member representing the New York/New Jersey region led the NJ delegation and introduced our next generation of environmental justice leaders from our community to the legislative side of advocacy.

Zero Emission in Freight: Specific Demands From MFN to EPA

1. MFN is calling for EPA to have 100% zero emission across the freight sector by 2035 at the latest.
2. MFN is demanding the retirement of all combustion trucks, trains and ships on or before 2045.
3. Freight impacts are not limited to modes of transportation and therefore the EPA must immediately begin to move an indirect source rule and review process for warehouses, railyards and ports.
4. EPA must support state and local actions to address freight pollution, EPA should immediately be accounting for and issuing guidance on State Implementation Plans. Ensure that all states are submitting state implementation plans and meeting air quality standards. As well as require States to report the emissions from freight facilities and devise and advocate for control measures and solutions to address the problem.
5. Funding of public money regarding transportation must go to zero-emission solutions and technology. This funding should prioritize environmental justice communities who are most impacted. Funding programs must be coupled with regulatory requirements that will target mandatory emission reductions for EJ communities.





Climate Action Campaign & National Public Health Lobby Week in Washington D.C.

South Ward Environmental Alliance (SWEA) and Parents Engaging Parents (PEP) were invited by Friends of the Earth (FOE) to join the Climate Action Campaign & National Public Health Lobby Week in Washington D.C. during March 21st through March 23rd, 2023. Day one consisted of messaging training and meeting preparation. Day two and three were scheduled meetings on Capitol Hill. Asada Rashidi, Atlorice Frazier, Erica Beverett, Brehal West and Terrance Bankston from SWEA, PEP, and FOE met with the staff of New Jersey Representatives, Congressman Payne, Congressman Kim, Congresswoman Coleman and Congresswoman Sherill, as well as Senator Booker and Senator Menedez. During the meetings on Capitol Hill, members from SWEA, PEP, and FOE expressed how soot pollution and the EPA's 24-hour rule affects their prospective communities in New Jersey, such as Newark and East Orange. The specific requests were to ask the Congressional representatives and Senators to sign the Soot Dear Colleague letter, to oppose the Congressional Review Act (CRAs) including the Heavy-Duty Truck rollback, and how constituents can continue to strategize to engage the members on regulatory issues. By the end of the last day, news was received that all the representatives that SWEA, PEP, and FOE spoke with, signed on to the Dear Colleague Soot letter, which was a major victory. Individuals and organizations must continue to advocate and fight for their rights in order for change to occur. Thank you, Friends of the Earth, for inviting South Ward Environmental Alliance and we look forward to our continued partnership and collaboration.







SWEA Senior Advisory Board Member Highlight: Bernice Johnson

The South Ward Environmental Alliance is happy to welcome Ms. Bernice Johnson to our Senior Advisory Board representing the Dayton Street community. This is a frontline community that is greatly impacted by the pollution of being in the



proximity of the airport, seaport, railway, highways and commercial warehouse industrial zone. The crippling air quality in that community has rested heavily on the respiratory issues in her community. The Johnson Family has played a significant role in the development and stabilization of that community for years. She was born and raised in Newark, NJ and proud to have raised her family here as well. She graduated from Weequahic High School. Ms. Johnson retired from the Newark Public Schools as a teacher's assistant in special education. Still a very active and visible pillar in the community, she participates in many senior events and affairs, always impeccable in dress and style, and is known for her wonderful sense of humor. Ms. Bernice, also affectionately known, alway adorns
the most elegant hats when she attends her church services on Sundays.
Ms. Johnson said that her greatest concern for her community is the increase in crime and the air quality where many children in her community are born with asthma and suffer from respiratory illnesses. She sees her role as an Advisory Board Member to this organization to educate her community on environmental issues and have a greater level of input.

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Christopher C. Obropta, Ph.D., P.E.
Extension Specialist, Water Resources

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Rutgers, The State University of New Jersey
14 College Farm Road
New Brunswick • New Jersey 08901

http://www.water.rutgers.edu
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T: Ex. 6 - Personal Privacy (PP)
C: Ex. 6 - Personal Privacy (PP)
Fax: Ex. 6 - Personal Privacy (PP)

April 6, 2023

Jacob Burney
U.S. Environmental Protection Agency (EPA)
Office of Environmental Justice and External
Civil Rights (OEJECR)

RE: Letter of Support for South Ward Environmental Alliance's Proposal to the Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program

Dear Jacob Burney,

The Rutgers Cooperative Extension Water Resources Program is pleased to write this letter of support for South Ward Environmental Alliance's plans to implement a One Ward United for Environmental Justice, Air Monitoring and Green Infrastructure project to improve air quality and amplifying engagement to improve the quality of life for residents of the South Ward of Newark.

As a partner delivering services and as an instructor for the Green Infrastructure Champion Training Program for the South Ward Environmental Alliance, I am very excited to support this grant. I have been working with the Newark Workforce Development Board and Newark Greenworks to deliver green infrastructure training to residents in the city. It is very important to focus on giving the local residents the skills they need to become successful and for the city to use their funding to hire Newark residents to help address environmental justice issues. This allows funding to stay in the city of Newark, increasing the community's wealth and helping promote equity within the community.

Please feel free to contact me directly at Ex. 6 - Personal Privacy (PP) or Ex. 6 - Personal Privacy (PP) with any questions. I hope that you will respond positively to this proposal request.

Sincerely,

Christopher C. Obropta, Ph.D., P.E.
Extension Specialist in Water Resources

SOUTH WARD ENVIRONMENTAL ALLIANCE

One Ward | United For Environmental Justice

#SWEANews | #SWEA | #SouthWardEA | #SouthWardEnvironmentalAlliance

SWEA News & Updates

Visit our website

Message from Our Founder & Executive Director

Welcome Women's History Month!

Greetings South Ward Family,
As we celebrate Women's History Month, I want to acknowledge women leaders in the environmental justice field who have made a difference in the Newark communities.

Gratitude to Regina Townes, Asada Rashidi, Frankie Mo'Nay Walls,Chloe Desir,Tia Ryans, Melissa Miles, Maria Lopez-Nunez, Dr. Ana Baptista, Nicole Miller, Donna Kirkland, Cynthia Mellon, Elizabeth McGrady, Carla Robinson, Rhenotha Whitaker and Wynnie Hinds.

My favorite quote from Shirley Chisholm,"You don't make progress by standing on the sidelines, whimpering and complaining, You make progress by implementing ideas".

Thank you to the Unsung Sheroes for standing up. I see you, appreciate you and recognize the great work you are doing to clean the air, provide safe & affordable drinking water, ensure food justice, open space and healthy homes.

Let's continue the fight everyday, lifting up the voices of the voiceless. We can change our communities and live a healthier life free of pollution. Join us at the table, your seat is waiting.

Peace and Blessings,

Kim Gaddy
Executive Director

Upcoming Events:

- SWEA Monthly Meetings
  - Every 4th Wednesday
  - @ 6pm-7pm
  - Zoom Link
- Save the Date for SWEA's 2nd annual Environmental Summit
  - April 22nd @ 10AM
  - Click HERE for the registration link.



SWEA Youth Summit



We are excited to share the success of our youth retreat on Saturday, February 25, 2023, at The City of Newark's Camp Watershed. It was a fantastic event that brought together young people from the South Ward to learn, engage, and connect with their community.

We want to thank Kenya Travitt, the camp director, for allowing us to host our event there and leading a tour of Sun Tan Lake. It was an enriching experience for our youth to learn about the local environment and its importance to the community. The retreat was a collaboration with Parent Engaging Parents (PEPNJ), and we were delighted to have their participation. The panels and activities included workshops from our Executive Director, Kim Gaddy, and Retreat Coordinator, Terrance Bankston.

The workshops focused on various topics, including environmental justice, climate change, and sustainability. The young participants learned the importance of advocating for clean air, safe drinking water, and a healthy environment. They also explored the impact of climate change on their community and learned ways to reduce their carbon footprint.

In addition to the workshops, the retreat also included team-building activities and group discussions hosted by various members of the SWEA team. It was an opportunity for young people to connect with their peers, share their experiences, and build new friendships.

We are proud of the enthusiasm and commitment showed by the youth who participated in the retreat. The youth are the future of our community, and we are

confident that they will become strong advocates for environmental, social, and economic justice. Once again, we want to express our appreciation to all who made this retreat successful. We look forward to more events like this in the future.





Love is in the Air

February is the month historically known for celebrating our loved ones and special sweethearts,sending them flowers, chocolate candies, gifts and having romantic candle lit dinners. This is that one time of the year that we pause on Valentine's Day to show how much we love our special loved ones. This year SWEA embarked on a new concept to show love to the community and the environment in which we live, love, work, learn, play and raise our families.



We hosted our first Valentine's Party for our senior residents at the Newark Public Library, Weequahic Branch on Wednesday, February 15, 2023 to celebrate our love for our South Ward community. A delicious dinner buffet was prepared, to include a sparkling cider champagne toast to initiate our continued support to protect our environment.

This community event brought out many of our community partners, community police officers and community greetings from our South Ward Councilman Patrick Council and Councilwoman-at-Large Louise Scott-Rountree, both who engaged the guests on issues that affect our community. Kim Gaddy, Executive Director of SWEA led the community conversation on how we can better serve and advocate for the protection of our South Ward community.

Ms. Elizabeth McGrady,AARP Newark Representative, former member of the Newark Environmental Commission and a member of the United Parks As One, was the keynote speaker for this year's event. Ms. Azania Heywood-James, Data Analyst Consultant for SWEA introduced THE DAPP(Translating Health-Related Environmental Community Data for Actionable Practice & Prevention) a community guidance tool to inform, educate, equip and empower communities. Educating our community on the importance of translating data into action, practice and policy aligns with improving our quality of life and a hazard-free living in the South Ward.





SWEA Senior Advisory Board Member Highlight: Minnie Green



This month SWEA would like to shine the spotlight on another one of our community representatives. We are pleased to introduce Ms. Minnie Green of the Seth Boyden Elderly community. She has resided in this community for the past 16 years and has been an active participant in the resident leadership in this community. She has served on the tenant association board, worked with the community food bank and continues to assist her neighbors whenever she is needed. Ms. Green prides herself in being of service to her community and understands the need to provide opportunities and programs to better serve the many residents of public housing.

Ms. Green was born and raised in the City of Newark, attending Morton St. School and graduated from South Side High School (now renamed Malcolm X Shabazz High School). Her career began working for Prudential Insurance Company in several different capacities in the clerical field for 29 years. She worked in child care for several different day care centers which developed her love for children. Ms. Green, wife, mother of 8 children, and 5 grandchildren, understands the importance of family and raising them in a safe and healthy community. Her greatest concern is the demolition of the commercial and industrial buildings on Frelinghuysen Ave. and all of the debris dusting that is emitted into the air. Her community has to also deal with the voluminous commercial traffic of the trains, planes, buses and trucks all emitting diesel fumes that are impacting the health of her community.

We welcome Ms.Green to our SWEA family and look forward to her activism in supporting us for a healthier community.

Spotlight for Women's History Month Unsung Shero

KIM GADDY is the National and New Jersey Environmental Justice Director for Clean Water Action. She has been advocating for communities impacted by industrial pollution and the goods movement system in Newark and



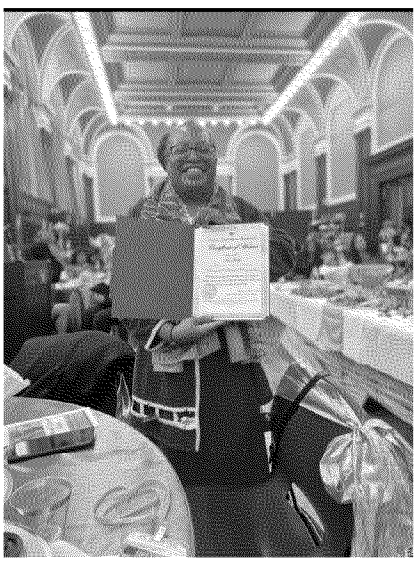
across the country for 21 years. Kim develops and implements Clean Water Action/Clean Water Fund's grassroots environmental justice campaigns and coalition building efforts in New Jersey.
Kim was recognized as the 2021 Russ Berrie Making a Difference Honoree for New Jersey, 2021 International Black Women's Congress Oni Award Recipient, 2021 Weequahic High School Hall of Distinction, 2020 UUFaith in Action Environmental Justice Award, 2020 New Jersey Governor's Richard J. Sullivan Environmental Excellence Award, 2018 Newark Women from Suffragettes to the Statehouse, 2017 selected as 100 People of Newark and a 2007 recipient of the Environmental Protection Agency Region 2 Environmental Community award.

Congratulations on your Women's History Month recognition of Honor from the Greater Newark Women's Assembly for your life-long service to the South Ward community. We thank you for your many contributions to the City of Newark, serving as the first female Chief of Staff for the Newark Municipal Council, Hon. Mildred Crump, the first African American Councilwoman elected to the Newark Municipal Council, first legislative Aide to work for three different Municipal Council members, the first Chair of the Newark Environmental Commission, the founder of the first South Ward Cultural Center and the founder of the first Environmental Justice Organization in the South Ward.

"I am thankful for being the first, but I want residents to remember me as a strong Black Woman from the Mighty South Ward, who showed up everyday as her true authentic self fighting passionately for environmental, social and economic justice for all people of Newark" stated Kim Gaddy, Founder and Executive Director, South Ward Environmental Alliance

We thank you Kim Gaddy and honor you as a true trailblazer training up and preparing the next generation of environmental advocates to Stand Up and Fight for our basic human Rights to breathe Clean Air and have access to safe affordable drinking water.

Power to the People!





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PROGRAM OBJECTIVES

Project Title: One Ward United for Environmental Justice, Air Monitoring and Green Infrastructure Collaborative Problem-Solving Initiative

Project Location: The project is located in the South Ward of Newark, New Jersey, USA, 07112. The affected neighborhoods include the Dayton Street, Clinton Hill, and Weequahic areas. The South Ward is the backyard of the Port of NYNJ, the 2nd largest port in the US. Zip codes are as follows: 07112, 07114, 07108.

Applicant Information

Khaatim Sheerer El, Executive Director (fiscal sponsor)
Clinton Hill Community Action (CHCA)
Ex. 6 Personal Privacy (PP) Newark, New Jersey
khaatim@clintonhillaction.org
Ex. 6 - Personal Privacy (PP)

Main contact information

Kim Gaddy, Executive Director
South Ward Environmental Alliance (SWEA)
514 Frelinghuysen Avenue P.O Box 2266 Newark, NJ 07114
[HYPERLINK Ex. 6 - Personal Privacy (PP) \h]
Ex. 6 - Personal Privacy (PP)

Brief Description of Applicant Organization

Clinton Hill Community Action ("CHCA") was founded in 2019 as a nonprofit community development organization that aims to revitalize the Clinton Hill neighborhood in Newark's South Ward. Our priority areas include housing and environmental justice; food and economic justice; citizen journalism and advocacy; and community building. Nearly 95% of CHCA's (25) employees live in Clinton Hill or the South Ward. In 2021, CHCA completed a comprehensive redevelopment plan for the Clinton Hill neighborhood. Environmental justice is a priority, and the work calls for investments to address the lead in the older homes in the neighborhood, increasing the energy efficiency of those homes and expanding the tree canopy in the neighborhood. The South Ward Environmental Alliance ("SWEA") served on the planning committee for the plan and now leads the implementation, alongside CHCA, of this priority. CHCA's Housing & Environmental Justice team works closely with SWEA. CHCA partnered with SWEA to focus on clean air in the home, school, and community. South Ward Environmental Alliance of Newark was honored as the recipient of a NJ Building Our Resilient, Inclusive, and Diverse Green Economy (NJ BRIDGE) grant award at a New Jersey Council on the Green Economy. The award provides $1.3. million, over two years, and will fund a pilot program, to be implemented in partnership with Clinton Hill Community Action, focused on building a diverse, inclusive green workforce in the South Ward of Newark. This project represents a true partnership between the South Ward Environmental Alliance (SWEA) and CHCA, our community development organization. The work follows SWEA's vision to grow the next generation of environmental justice advocates and to diversify the green jobs sector.

No, SWEA is not applying for the Small CBO Set Aside Track for $150,000 projects.

Project Abstract

SWEA proposes to create the One Ward United for Environmental Justice, Air Monitoring and Green Infrastructure Collaborative Problem-Solving Initiative. This project will address underserved and overburdened communities in the Dayton, Weequahic and Clinton Hill neighborhoods in the South Ward of Newark, New Jersey. SWEA is uniquely suited to serve as the EJCPS lead because of the credibility and trust we have gained from community leaders and residents to address and increase awareness of local environmental and public health issues in the city of Newark. The South Ward Environmental Alliance (SWEA) has established trust and credibility in the South Ward of Newar by moving at a speed of trust and lifting as we climb. SWEA utilizes an intentional focus to create an inclusive collaborative table to allow all voices to be heard. We ensure residents speak for themselves and control the narrative of how their community functions. SWEA recruits South Ward

residents and stakeholders to serve on our Community Advisory Board for the Air Quality Monitoring Project and the Youth Advisory Board. We know the residents are the experts, so we engage them at every level, regarding research planning, data dissemination and implementation of our programs.
Main Objective: The One Wrd United for Environmental Justice, Air Monitoring and Green Infrastructure Collaborative Problem-Solving Initiative is a comprehensive training and monitoring project that will amplify and unify engagement in the three neighborhoods of the South Ward to improve the quality of life for all residents.
Objective 1: Capacity building for air monitoring and advocacy. SWEA will facilitate workshops that increase public awareness on environmental justice issues, and empower residents to use low-cost, real-time air quality monitors to detect, measure, and visualize concentrations of common air pollutants. This effort will help streamline best practices for establishing a community-based air pollution monitoring network.
Deliverable(s): Create Translating Health-related Environmental Community Data for Actionable Practice and Prevention (THE DAPP), a community guidance tool to inform, educate, equip and empower communities with understandable information and tools that translate into action.
Activities: The Green Alliance Leadership Academy (GALA) workshops will increase public awareness on environmental justice issues, and empower residents to use low-cost, real-time air quality monitors to detect, measure, and visualize concentrations of common air pollutants.
(6 days, 2-hour sessions)
Objective 2: Capacity building for Green Infrastructure Initiatives. SWEA will develop strategic partnerships with community organizations to identify strategies and partners to leverage GI as an educational and job opportunity.
Deliverable(s): SWEA will facilitate the development of new GI projects in the city, bring more awareness to new and imminent GI projects while soliciting valuable community feedback and highlighting the green job opportunities which are one of many co-benefits of green stormwater management solutions.
Activities: Train and engage South Ward residents as GI Reformers and participants of the Rutgers Cooperative Extension Green Infrastructure Champion class.

SWEA partner, NewarkDIG, established in 2013, is committed to continuously improving the quality of life, health, and viability of the City of Newark and its residents through the use of strategic collaborative methods including: community-driven urban design, public policy planning, environmental and social justice advocacy, education, and local capacity building. Our primary goal is the establishment of sustainable green infrastructure (GI) as the first line of defense to better manage stormwater runoff, improve water quality and resiliency to flooding, and reduce combined sewer overflows (CSOs), with a focus on the Passaic River and its tributaries. Additionally, our programs will build public awareness and stewardship of our local waterways through a process centered in community engagement principles.
NewarkDIG has built a reputation of starting with community engagement led by local organizers to spread the word about CSOs and seek public input on the development of plans to manage these concerns. Funding for our GI Reformer team will help to expand our outreach, supply updated materials in a variety of mediums and hire local ambassadors allowing our teams to educate the public on adopting catch basins in their neighborhoods.
In 2020, SWEA and NewarkDIG worked with our partners to help establish Newark GreenWorks, a program training classes for the National Green Infrastructure Certification Program (NGICP). Coming out of the worst effects of this pandemic, NewarkDIG and our partners identified the potential opportunity on the near horizon for Newark-trained workers and entrepreneurs with knowledge and experience in green infrastructure. The NewarkDIG GI Apprenticeship program will provide paid employment hours for NGICP trainees to assist with designing, installing and/or maintaining green infrastructure systems. The work of our GI Reformer team, South Ward ambassadors and our technical partners at the Rutgers Water Resources Program will develop working designs for these locations to install and maintain them. These three priority areas will allow SWEA to facilitate the development of new GI projects, bring more awareness to new and imminent GI projects while soliciting valuable community feedback and highlighting the green job opportunities which are one of many co-benefits of green stormwater management solutions.

NewarkDIG (Doing Infrastructure Green) is deeply involved in the work of improving stormwater management throughout the city of Newark. Through our involvement with the City of Newark Department of Water & Sewer

Utilities, NewarkDIG has advocated for a comprehensive approach to stormwater management including green infrastructure as the most visible yet underused municipal solution. With the support of NewarkDIG and our partners, the City of Newark has committed to managing more than 214 acres of public property in their submitted CSO Long Term Control Plan. As we anticipate the start of Newark's ambitious green infrastructure plan, SWEA and our partners, Rutgers Water Resources, NewarkDIG have secured a $1.2 million grant from the NJDEP to construct one portion of our Fairmount Avenue Green Streets CSO mitigation project. Anticipated to begin in the 2nd Quarter of 2023, this project will likely be the first major GSI project in the city. Expected to manage 15 acres of urban CSO territory, the project will also include a large engagement and outreach component to inform residents and local businesses about the effects of unmanaged stormwater and the benefits of green infrastructure.

Outputs/Outcomes

SWEA will build on the previous air monitoring and truck count activities as the lead project coordinator and community liaison with technical assistance rendered by; the University of Maryland School of Public Health Center for Community Engagement, Environmental Justice, & Health (CEEJH); Rutgers University Environmental and Occupational Health Sciences Institute (EOHSI); and the New Jersey Department of Environmental Protection's Division of Air Quality. Together the partners collocated and deployed a series of 12 Purple Air PA-II-SD stationary particulate matter monitors (four per neighborhood) throughout the study area. Real-time data will be aggregated and made available for public viewing and download. The data collected--and findings reached--through study of this network will be used to collect air pollution data at a level granular enough to help citizens and policymakers confidently make decisions. SWEA will build capacity and coalitions with local stakeholders to take actionable measures to protect their neighborhoods from local toxic pollution in the freight transportation system. In addition, we will communicate the evidence and needs effectively to the South Ward leadership to improve air quality and prioritize electrification of vehicles, zero emission zones in the South Ward. The project will expand on the current project and add 12 black carbon monitors low-cost sensors in the South Ward, engage residents, local schools, and community members to monitor their air, collect the data, analyze the data and build evidence of the health and climate impact of emissions in this community. This project will build support within key Newark departments to utilize air quality data as an indicator for action needed in the Newark Sustainability Action Plan and their health programs to achieve their climate mitigation goals. The project will enable South Ward residents to independently collect air quality measurements, using low-cost, accurate, and verifiable instruments to produce three Neighborhood Climate Action Plans. Collecting the data first-hand will engage the community and allow them to learn directly about the issue. Improving the availability and access to reliable air quality data will also allow policymakers to identify hotspots, more strongly inform policy action to improve air quality, and ensure enforcement agencies are better able to enforce regulations. Reduction of air pollution and improvement in health outcomes. Working in collaboration with our community partners, we will engage the city health officials and departments to listen to residents' ideas and implement projects based on them. The chart below further explains the outcomes/outputs of this initiative. Please note that this document is attached to our application.

Resources/Inputs	Activities	Outputs	Audience	Short-term outcomes (6-12 months)	Intermediate Outcomes (12-24 months)	Long-term Outcomes (2+ years)
Air Monitoring Partners: • City of Newark Green Team • New Jersey DEP • Center for Community Engagement, Environmental Justice, and Health (CEEJH). • University of Maryland • EOSHI Rutgers University	• Train community residents to conduct Hyper Local air monitoring. • Engage in a network of technical and public health experts. • Establish neighborhood Air Monitoring Advisory Boards in three neighborhoods	• Monthly meetings with the 3 neighborhood Air monitoring Advisory Board. • Monitor data from 10 sites with Purple Air Monitors • Select sites and Conduct truck Count with Air Beams and Black Carbon Monitors	• Residents in the Weequahic, Dayton Street and Clinton Hill neighborhood. • South Ward partners, CBO's, Faith Based institutions, government, and municipal officials.	• Increased attendance of residents attending SWEA monthly meetings. • Quarterly training sessions for community partners • Conduct two Truck count events. • Increase residents' participation at yearly Environmental Summit	• Select 1 EJ Youth Community Ambassador for each neighborhood. • Select 2 community groups leader from each neighborhood as the Lead Train the Trainer Partner	• Develop Neighborhood Climate Action Plans for the three neighborhoods. • Develop Translating Health-related Environmental Community Data for Actionable Practice and Prevention (THE DAPP), health literacy and translation tool.
Reducing Flooding through Green Infrastructure Partners: • NewarkDIG • Rutgers Cooperative Extension Water Resources Program • City of Newark Department of Water & Sewer Utilities	Expand reach of GI Reformer team to outreach to South Ward residents and business stakeholders in the three neighborhoods where GI projects will take place.	Identify community groups to assist with recruitment of South Ward GI Reformers. Street canvassing and Door Knocker delivery to attend public events.	Residents in the Weequahic, Dayton Street and Clinton Hill neighborhood. South Ward partners, CBO's, Faith Based institutions, government, and municipal officials.	• Post 3,000 door knockers across the South Ward (1000 in each Neighborhood) • Paint 12 catch basins (4 in each neighborhood) • Host/Attend 6 events (2 in each neighborhood) • Post at least 1 on-site signage per neighborhood	• Formalize GI Apprenticeship Program partnerships. • Establish new partnerships with projects in the South Ward. • Employ 3 GI trainees with positions.	• Establish calendar of projects and GI trainee assignments. • Establish process for post-assignment evaluation including surveys by trainees. • Evaluating apprenticeship experience and supervisor. • Evaluation of demonstrated skills.
Workforce development • CHCA • NewarkDIG • City of Newark Green Works Program	Planning, a project team, including additional partners, to review the program plan, develop the necessary supporting materials and data tracking tools, and formalize partnerships.	• Establish Green Jobs Task Force, Develop brochure for Green Hub Recruitment of 60 residents (20 from each neighborhood). • Monthly meeting with community-	• Residents in the Weequahic, Dayton Street and Clinton Hill neighborhood. • South Ward partners, CBO's, Faith Based institutions and High	• Increase in South Ward residents' knowledge of Green Infrastructure and urban tree forestry. • Target 45 residents (15 from each neighborhood) for Green Alliance	• Workforce Readiness Training & Career Exploration. • Plant and maintain trees to expand the tree canopy and improve air quality.	• Match participants with a Green Jobs coach to explore a credential-bearing green job training of their choice. • Post-Training Support, Evaluation

Geographic Area: One Ward United for Environmental Justice, Air Monitoring and Green Infrastructure Collaborative Problem-Solving Initiative will service three overburdened neighborhoods in the South Ward of Newark, New Jersey.

Project Type: One Ward United for Environmental Justice, Air Monitoring and Green Infrastructure Collaborative Problem-Solving Initiative will focus on hyper local air monitoring and workforce development of the next generation of environmental advocates.

Environmental Issue

Outdoor air pollution causes 4.2 million deaths annually worldwide and is the fifth leading risk factor for death globally. A robust body of evidence links PM 2.5 exposure with a wide range of health outcomes, including increased risk of premature mortality, cardio-respiratory diseases, cancer, and adverse pregnancy outcomes. Emerging evidence also suggests that air pollution is associated with cardio-metabolic diseases, such as diabetes and neurological diseases, such as Alzheimer's and dementia, underlining the substantial disease burden of air pollution exposures. Residents of the South Ward of Newark are exposed to high air pollution. The issue of cumulative impacts (CI) has been a central focus of the environmental justice (EJ) movement for decades. Understanding cumulative impacts requires consideration of the complex interplay between socio-demographic, environmental, and public health factors that impact EJ communities. These communities are both more likely to be overburdened with pollution (higher vulnerability) and more likely to suffer severe impacts from pollution (higher susceptibility). Yet advancing actions that address cumulative impacts in EJ communities has been challenging for a variety of reasons. One of the key barriers to addressing CI in environmental decision-making is the narrow focus of existing environmental regulations that do not include an explicit mandate to consider multiple pollutants from multiple sources. There are gaps in our knowledge about how multiple pollutants interact with each other and impact public health under different conditions; and most environmental laws do not consider the socio-demographic and health disparities that impact EJ communities.

Information from the EJ Screens illustrates data that reflects the premise of the One Ward United for Environmental Justice, Air Monitoring and Green Infrastructure Collaborative Problem-Solving Initiative. The charts below show that the three South Ward neighborhoods in the city of Newark, specifically, zip codes-07114, 07108 and 07112, at least 35 percent of the households qualify as low-income households (at or below twice the poverty threshold as determined by the United States Census Bureau); at least 40 percent of the residents identify as minority or as members of a State recognized tribal community; and at least 40 percent of the households have limited English proficiency (without an adult that speaks English "very well" according to the United States Census Bureau).

EJScreen Report (Version 2.11)

the User Specified Area, NEW JERSEY, EPA Region 2

Approximate Population: 12,521

Input Area (sq. miles): 9.35

07114 (The study area contains 1 blockgroup(s) with zero population.)

Selected Variables	Value	State Avg.	%ile in State	USA Avg.	%ile in USA
Pollution and Sources					
Particulate Matter 2.5 ($\mu g/m^3$)	9.02	8.34	81	8.67	63
Ozone (ppb)	41.7	42.1	22	42.5	44
Diesel Particulate Matter* ($\mu g/m^3$)	0.915	0.52	89	0.294	95-100th
Air Toxics Cancer Risk* (lifetime risk per million)	40	29	99	28	95-100th
Air Toxics Respiratory HI*	0.57	0.38	99	0.36	95-100th
Traffic Proximity (daily traffic count/distance to road)	2500	920	91	760	93
Lead Paint (% Pre-1960 Housing)	0.4	0.4	44	0.27	66
Superfund Proximity (site count/km distance)	1.6	0.45	94	0.13	99
RMP Facility Proximity (facility count/km distance)	2.2	0.76	90	0.77	91
Hazardous Waste Proximity (facility count/km distance)	14	3.3	97	2.2	97
Underground Storage Tanks (count/km^2)	46	15	91	3.9	99
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.016	0.24	65	12	73
Socioeconomic Indicators					
Demographic Index	66%	33%	88	35%	87
Supplemental Demographic Index	24%	12%	89	15%	86
People of Color	87%	45%	85	40%	87
Low Income	51%	22%	89	30%	81
Unemployment Rate	11%	6%	85	5%	85
Limited English Speaking Households	19%	7%	88	5%	92
Less Than High School Education	27%	10%	91	12%	88
Under Age 5	5%	6%	56	6%	54
Over Age 64	9%	16%	23	16%	22
Low Life Expectancy	20%	18%	70	20%	53

EJScreen Report (Version 2.11)

the User Specified Area, NEW JERSEY, EPA Region 2

Approximate Population: 24,861

Input Area (sq. miles): 1.36

07108

Selected Variables	Value	State Avg.	%ile in State	USA Avg.	%ile in USA
Pollution and Sources					
Particulate Matter 2.5 ($\mu g/m^3$)	8.99	8.34	78	8.67	62
Ozone (ppb)	41.7	42.1	21	42.5	44
Diesel Particulate Matter* ($\mu g/m^3$)	0.858	0.52	87	0.294	95-100th
Air Toxics Cancer Risk* (lifetime risk per million)	37	29	97	28	90-95th
Air Toxics Respiratory HI*	0.51	0.38	97	0.36	95-100th
Traffic Proximity (daily traffic count/distance to road)	710	920	66	760	74
Lead Paint (% Pre-1960 Housing)	0.39	0.4	43	0.27	65
Superfund Proximity (site count/km distance)	0.54	0.45	74	0.13	95
RMP Facility Proximity (facility count/km distance)	0.41	0.76	60	0.77	55
Hazardous Waste Proximity (facility count/km distance)	9.6	3.3	91	2.2	95
Underground Storage Tanks (count/km^2)	37	15	87	3.9	99
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.0032	0.24	50	12	59
Socioeconomic Indicators					
Demographic Index	81%	33%	97	35%	95
Supplemental Demographic Index	25%	12%	91	15%	88
People of Color	99%	45%	96	40%	96
Low Income	62%	22%	94	30%	89
Unemployment Rate	14%	6%	90	5%	89
Limited English Speaking Households	5%	7%	63	5%	75
Less Than High School Education	18%	10%	82	12%	76
Under Age 5	9%	6%	81	6%	81
Over Age 64	9%	16%	25	16%	25
Low Life Expectancy	22%	18%	85	20%	73

EPA United States Environmental Protection Agency

EJScreen Report (Version 2.11)

the User Specified Area, NEW JERSEY, EPA Region 2

Approximate Population: 23,954

Input Area (sq. miles): 1.46

07112

Selected Variables	Value	State Avg.	%ile in State	USA Avg.	%ile in USA
Pollution and Sources					
Particulate Matter 2.5 ($\mu g/m^3$)	8.97	8.34	77	8.67	61
Ozone (ppb)	41.7	42.1	24	42.5	45
Diesel Particulate Matter* ($\mu g/m^3$)	0.826	0.52	85	0.294	95-100th
Air Toxics Cancer Risk* (lifetime risk per million)	38	29	97	28	95-100th
Air Toxics Respiratory HI*	0.5	0.38	97	0.36	95-100th
Traffic Proximity (daily traffic count/distance to road)	4100	920	95	760	96
Lead Paint (% Pre-1960 Housing)	0.67	0.4	74	0.27	84
Superfund Proximity (site count/km distance)	0.61	0.45	77	0.13	96
RMP Facility Proximity (facility count/km distance)	0.33	0.76	56	0.77	50
Hazardous Waste Proximity (facility count/km distance)	7.7	3.3	87	2.2	93
Underground Storage Tanks ($count/km^2$)	41	15	89	3.9	99
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.00033	0.24	29	12	40
Socioeconomic Indicators					
Demographic Index	73%	33%	93	35%	91
Supplemental Demographic Index	20%	12%	84	15%	79
People of Color	99%	45%	96	40%	96
Low Income	47%	22%	87	30%	77
Unemployment Rate	13%	6%	90	5%	89
Limited English Speaking Households	4%	7%	56	5%	71
Less Than High School Education	12%	10%	71	12%	64
Under Age 5	7%	6%	69	6%	68
Over Age 64	11%	16%	32	16%	31
Low Life Expectancy	24%	18%	95	20%	88

List of Project Partners

Rutgers Cooperative Extension Water Resources Program (academic)

Community Engagement, Environmental Justice & Health (CEEJH) (academic)

Clinton Hill Community Action (nonprofit, environmental justice)

Newark Green Team/Newark Green Team-Residents and Stakeholders (quasi government)

Environmental and Public Health information of the Underserved Community

With 400,000 residents, Newark is the largest city in New Jersey. Poor air quality disproportionately affects low-income communities and people of color in the US. This is very true in the Dayton Street, Clinton Hill and Weequahic neighborhoods, where this project will focus. Its residents are predominantly African American within lower income census tracts. The South Ward community is surrounded by the 2nd largest port in the US, Newark Airport, major interstate highways and high-volume county roads including the New Jersey Turnpike, Route 22, Route 1 & 9, Highway78, exposing nearby communities to toxic emissions from transportation and freight. The Port of New York/New Jersey is the economic engine for the region and diesel death zone for the South Ward. In the US, for example, 80% of people hospitalized in the early stages of the outbreak suffered from pre-existing conditions. Pre-existing respiratory conditions are caused by air pollution. In the US, a long legacy of social and racial inequality has left black and Hispanic communities exposed to an average of 56% to 63% more PM2.5

pollution than they produce. There is a lack of adequate data on air pollution in the South Ward of Newark available to residents and policymakers, exacerbating the adverse impacts of air pollution on communities. There is only one air quality monitoring station in Newark, that is currently offline for the past 5 months. This means that residents cannot protect themselves and their families, enforcement agencies are unable to enforce regulations, and policy makers are unable to identify hotspots and make informed, evidence-based arguments to advance climate and clean air regulations, policies, and projects for the city. As a result, there is an increase in the adverse impact of poor air quality on the health of low-income communities.

The South Ward and Newark is an EJ community that is overburdened with cumulative impacts of pollution and the most ratepayers in the State of New Jersey. 1 out of 4 children suffer from asthma. As EPA is well aware, pollution from diesel trucks and equipment harms human health, leading to asthma, respiratory illnesses, heart and lung disease, and cancer.[1] Eliminating air and climate pollutants from the freight transportation system is an urgent challenge: in 2021, the Port of Los Angeles alone saw a 56% rise in diesel particulate matter, a 54% increase in nitrogen oxides (NOx) emissions, and a 39% increase in greenhouse gas emissions.[2] The nearby Port of Long Beach saw similar increases.[3] Residents living near the Port of New York and New Jersey are exposed to levels of diesel air pollution that are 100 to 1,000 times the amount considered safe for humans.[4] Importantly, these impacts fall disproportionately on low-income communities and communities of color, as these communities are more likely to live near ports, highways, and freight corridors.[5]

Air Quality Monitoring

The One Ward United for Environmental Justice, Air Monitoring and Green Infrastructure Collaborative Problem-Solving Initiative will expand on the current project of 12 purple air monitors and low-cost sensors. In addition, the project will utilize black carbon monitors in the South Ward, engage community members to monitor their air, collect the data, analyze the data, and build evidence of the health and climate impact of emissions in this community. This project will build support within key Newark departments to utilize air quality data as an indicator for action needed in the Newark Sustainability Action Plan and their health programs to achieve their climate mitigation goals. The project will enable South Ward residents to independently collect air quality measurements, using low-cost, accurate, and verifiable instruments. Collecting the data first-hand will engage the community and allow them to learn directly about the issue. Improving the availability and access to reliable air quality data will also allow policymakers to identify hotspots, more strongly inform policy action to improve air quality, and ensure enforcement agencies are better able to enforce regulations.

Green Infrastructure: Green Jobs and Workforce

SWEA will partner with the Rutgers Cooperative Extension Water Resources Program to build on the strength of our partners. It targets a community that has long been negatively impacted by environmental hazards from its proximity to major highways, airports, and ports. SWEA will leverage its standing in the environmental justice movement to create "passports to green jobs and careers" through its work with green economy employers for

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[1] "Overview: Diesel Exhaust & Health." n.d. California Air Resources Board. Accessed January 17, 2023. https://ww2.arb.ca.gov/resources/overview-diesel-exhaust-and-health

[2] The Times Editorial Board. 2022. "Port Pollution Is a Crisis. It's Going to Take More than a $20 Container Fee to Fix." Los Angeles Times, October 26, 2022. https://www.latimes.com/opinion/story/2022-10-26/port-pollutionsurge-pandemic.

[3] Ibid.

[4] Ball, Eddy. 2016. "Neighbors of Large Ports Address Diesel Emissions and Health." National Institute of Environmental Health Sciences, Environmental Factor, January 2016. https://factor.niehs.nih.gov/2016/1/community-impact/megaports.

[5] "The Dirty Dozen: The Impacts of Diesel Engine Pollution in Illinois." 2022. Respiratory Health Association.https://resphealth.org/wp-content/uploads/2022/05/Dirty-Dozen-Impact-of-Diesel-Engine-Pollution-in-Illinois.pdf

entry-level jobs and local labor unions for pre-apprenticeships and apprenticeships. This vertical alignment in job training will prepare a ready workforce for entry-level green jobs or further credentialing. The goal of this initiative is to create a sustainable workforce development ecosystem for green jobs in Newark's South Ward. The One Ward United for Environmental Justice, Air Monitoring and Green Infrastructure Collaborative Problem-Solving Initiative will integrate strategies to address barriers to employment and foster strategic partnerships to help participants secure living wage jobs with upward mobility in the green economy. Additional employment opportunities through collaboration with NewarkDIG and Rutgers Cooperative Extension to leverage the efforts of Newark's Green Works Program of training residents using the National Green Infrastructure Certification Program (NGICP). In partnership with the Newark Workforce Development Board, Rutgers Cooperative Extension (RCE) Water Resources Program, and the Newark Green Works Program, we will provide additional support (e.g., remediation in math) to increase participants' success rate in obtaining the NGICP certification.

Results

The One Ward United for Environmental Justice, Air Monitoring and Green Infrastructure Collaborative Problem-Solving Initiative seeks to reduce air pollution and improve health outcomes for Newark residents in the three neighborhoods of the South Ward. Working in collaboration with community based organizations, like the Newark Environmental Commission, the Newark Green Team, Clinton Hill Community Action will engage the city health officials and departments to listen to resident's ideas and implement projects based on them.

Organization's Historical Connection to Underserved Community

SWEA was founded in 2015 by Kim Gaddy, a mother of three asthmatic children with 20 years of experience as an Environmental Justice Organizer. Gaddy raised her family in the South Ward and knows, on a personal level, how disproportionately burdened the South Ward is with the cumulative impacts of pollution impacting residents' health and quality of life. She has long been a vanguard of the environmental justice movement, often the only woman of color around the table. Gaddy joined other local advocates to push Newark Mayor Ras Baraka to become the first city in the nation to pass an environmental justice Cumulative Impacts ordinance calling for developers to inform the city of the environmental impacts of development projects. More recently, she, and other advocates, won the support of Gov. Phil Murphy to sign the state's landmark and strongest Cumulative Impacts bill. The new law will allow NJDEP to deny new pollution permits/set conditions on existing ones if they pose extra stressors on EJ neighborhoods. SWEA is an alliance of residents and community-based organizations focusing on environmental issues in the South Ward of Newark.

SWEA's mission is to cultivate healthy and vibrant neighborhoods by ensuring residents' voices are heard, and they are active participants in decision-making policies that impact their neighborhoods. SWEA has three core programs – Air Quality Monitoring, Water Equity and Green Infrastructure, and Leadership Training. As a nationally certified Green Infrastructure instructor, Gaddy developed the Green Alliance Leadership Academy to introduce the next generation to careers and advocacy opportunities in environmental justice. The South Ward Environmental Alliance (SWEA) foundation is based on the Jemez Principles for democratic organizing which include the following principles, Be Inclusive, Emphasis on Bottom-Up Organizing, Let People Speak for Themselves, Work Together in Solidarity and Mutuality, Build Just Relationships Among Ourselves and Commitment to Self-Transformation. SWEA is an alliance of residents and community-based organizations with a focus on environmental justice issues in the South Ward of Newark, New Jersey. SWEA centers the perspectives of Newark residents at the forefront of our efforts by providing opportunities for meaningful participation in identifying the social and environmental injustices that plague our community. SWEA informs, empowers, and engages residents to demand a seat at the table and meaningful participation for environmental justice in the city

of Newark. It is our obligation to prepare community members in our overburdened community to advocate for the regulations and enforcement of environmental laws that are protective of their health and quality of life.

The One Ward United for Environmental Justice, Air Monitoring and Green Infrastructure Collaborative Problem-Solving Initiative has received input from the community in creating and structuring this project. SWEA has three advisory boards consisting of Newark residents, senior citizens, and youth members. SWEA has established credibility and trust of community members through collaborative efforts of advocating for equitable access to good air quality. SWEA recruited 11 South Ward residents and stakeholders to join the Community Advisory Board for the Air Quality Monitoring Project. The Air Monitoring Advisory board, led by the Environmental Justice Organizer, is tasked with providing community insights and oversight of research planning, implementation, and data dissemination.

The Senior Advisory Board led by the Senior Community Outreach Organizer includes seven senior residents from the South Ward, representing the Weequahic, Clinton Hill and Dayton St. sections of Newark. The SWEA Senior Advisory Board is instrumental in assisting and educating the senior community on the environmental issues that affect their quality of life. It is important to note that some seniors reside in public housing, and some are homeowners. Having the life experience of living, working, and raising their families in Newark, their input is invaluable in sharing its history and legacy.

The Youth Advisory Board led by the Youth Organizer consists of seven Newark youth members between the ages of 16 and 22. The goal of the South Ward Environmental Alliance Youth Advisory Council is to cultivate, recruit and engage south ward youth to become the next generation of environmental advocates. These members are trained through the Green Alliance Leadership Academy (GALA), which are a series of workshops that focus on increasing public awareness on environmental justice issues. Through the GALA, South Ward youth receive the necessary tools and strategies to speak up for themselves about their overburdened communities.

EJPCS Model Element 1: Issue Identification, Community Vision and Strategic Goal Setting

The South Ward Environmental Alliance EJCPS Model element 1 uplifted in this project started with community meetings and discussions with residents, block associations, community and faith-based organizations regarding their quality of life being impacted by lack of tree canopy, flooding and increased truck traffic in the community. Residents and stakeholders participated in a mapping exercise to determine the high traffic hotspots and flooding locations in each neighborhood. A survey was developed, and the top issues were selected to develop an environmental justice plan of action and three anchoring organizations were selected, one representing each respective neighborhood. Monthly meetings were scheduled to build trust in the partnerships and allow a seat at the table for meaningful participation for everyone.

EJPCS Model Element 2: Community Capacity Building and Leadership Development

The South Ward Environmental Alliance (SWEA) Green Alliance Leadership Academy (GALA) will leverage the expertise of experienced EJ leadership and established relationships of collaboration, to build the capacity of underserved, impacted communities. This is a unique coalition of partners with a history of working on a range of impactful quality of life issues; water quality, flooding, air quality, food justice and energy justice policies and programs that can serve as a model for community-based organizations. This project will benefit the South Ward community through engaging and educating the next generation of Environmental Justice advocates regarding the environmental injustices in their community. SWEA created a collaborative EJ hub to assess the organizational needs and EJ priorities of underserved, EJ communities in the South Ward of Newark. Identify

hard to reach residents and neighborhoods in the South Ward and implement strategies for effectively outreaching to these areas with our partners and through our community networks. Develop Community Capacity-building Modules that focus on air, water, and food justice. Coordination will include providing support for the creation of informational webinars, online/in-person meetings/workshops, flyers or factsheets, blog and social media postings, and other methods of both generating and sharing substantive content created by coalition members.

Project Linkages

Goal 2: One Ward United for Environmental Justice, Air Monitoring and Green Infrastructure Collaborative Problem-Solving Initiative will advance EPA Strategic Plan Goal 2 by fostering environmental justice and collective power-building in the underserved South Ward communities. The EPA's efforts, as part of a government-wide effort to address environmental, public health, and energy challenges affecting communities, and specifically those adversely and disproportionately affected by environmental, climate, and human health harms and risks; Executive Order 13985; and Executive Order 140008 – all contribute to the potential for a significant increase in advancing environmental justice and civil rights. To create a better quality of life, SWEA will lift as we Climb to ensure all voices are heard. Moreover, we must meet the residents where they are to increase their understanding of all the potential environmental justice harms and risks facing the three neighborhoods and all stakeholders. Lastly, the frontline and fence line communities like Newark must learn how to gain access to federal grant funding and other resources that will help them build the capacity to achieve energy justice goals and address environmental health and environmental justice issues.

Goal 2.1: As described above, One Ward United for Environmental Justice, Air Monitoring and Green Infrastructure Collaborative Problem-Solving Initiative will ensure the voices of the voiceless are heard and engaged in a meaningful way to build knowledge, power, and capacity. Moreover, our outreach approach will ensure that EJ and civil rights are advanced in our community by building a collaborative table with open seats for everyone to build local power and civic engagement know-how, as well as facilitating access to resources that can promote capacity-building and environmental justice solutions.

Partner and Collaborate

The Newark Green Team is a multi-sector coalition of local stakeholders working to advance policies and programs related to urban sustainability, environmental health, community greening, quality of life, and green economic opportunities for Newark residents. The Newark Green Team fully supports this project and will participate as a stakeholder throughout the project period. They believe that the goals and outcomes of this project will directly empower residents to collect and use air quality data to advocate for the changes they want to see, provide evidence for policymakers, and reduce air pollution, local flooding and greenhouse gas emissions while improving health outcomes for our residents.

Rutgers Cooperative Extension Water Resources Program is a partner delivering services and as an instructor for the Green Infrastructure Champion Training Program for the South Ward Environmental Alliance project. Rutgers has the experience of training residents to assist with the design, construction, and maintenance of green infrastructure projects throughout the South Ward. Rutgers has included green infrastructure in our park and community schoolyard projects for many years. This partnership is an opportunity to show the apprentices how these types of projects work in a practical way in their community while providing support to make sure the facilities operate at their highest possible level with proper care and maintenance. It is very important to focus on giving the residents the skills they need to become successful and for the city to use their funding to hire Newark residents to help address environmental justice issues. Provide a clear and concise description of how the proposed project promotes collaborations with partners from multiple stakeholder groups, such as industry, business, academia, government, etc., to develop solutions that will

address environmental and/or public health issues. We encourage applicants to seek diversity in partnerships to enhance the process of achieving the project's goals.

Dr. Sacoby Wilson, a Professor with the Maryland Institute for Applied Environmental Health, School of Public Health, University of Maryland-College Park and Director of the Center for Community Engagement, Environmental Justice, and Health (CEEJH). CEEJH was founded in 2011 as a laboratory and relaunched in 2021 as a Center to assist frontline and fence line communities impacted by environmental, climate, and energy justice issues through technical assistance, scientific support, and use of community-engaged research approaches including the community-based participatory research (CBPR) framework and community science. He has 25 years of experience using the EPA Collaborative Problem-Solving Model dating back to my contribution to the efforts of the West End Revitalization Association to address the lack of basic amenities and the planned expansion of the 119 Bypass in the late 90s. CEEJH has been working throughout the Mid-Atlantic for over a decade with community-based organizations including groups like SWEA. Recently, CEEJH received a grant from the Robert Wood Johnson Foundation (RWJF) to launch the Mid-Atlantic Climate Action Hub (MATCH) whose goal is to provide technical assistance to communities impacted by environmental and climate justice issues. We have engaged community-based organizations in Prince George's County, Virginia, Eastern Shore/Southern Delaware, Philadelphia, New Jersey, and Baltimore to act as hubs for MATCH. SWEA is a community hub for MATCH. Additionally, we will be training South Ward members of impacted communities and other stakeholders to develop their skills to address their local environmental justice concerns.

For the past two years, CEEJH has been working with SWEA to develop and implement a community-driven hyperlocal air quality monitoring network to understand the cumulative impacts of air pollution in the area. In support of SWEA's proposal, CEEJH will provide workshops to communities that SWEA serves. The workshops will cover: (1) The relationship between environmental justice, air quality and community science; (2) The importance of implementing user-friendly air monitoring technology to track every day and cumulative exposures to air pollution; (3) The utilization of low cost sensors (such as the Purple Air) to collect continuous real time data; (4) Analysis and Interpretation of data from air monitors; (5) The importance of reliable, compelling data for environmental justice advocacy and health policy changes; and (6) Use of effective dissemination strategies to present the air monitoring data in a compelling and convincing manner to local, state, and federal agencies and policy makers.

Project Activities

Schedule of Activities Attached.

Budget Attached.

Environmental Results

Reference attached document.

The long-term goal of the One Ward United for Environmental Justice, Air Monitoring and Green Infrastructure Collaborative Problem-Solving Initiative is to train residents, monitor the air quality, amplify and unify engagement in the three neighborhoods of the South Ward to improve the quality of life for all residents. More specifically, this initiative will be implemented in three phases over a three-year period. We will utilize our academic, governmental, and community-based partners to 1) build capacity for air monitoring and advocacy and 2) build green infrastructure initiative to leverage GI as an educational and job opportunity.

Activities/Outcomes

In Phase I of this initiative, SWEA will train community residents to conduct hyperlocal air monitoring, engage in a network of technical and public experts and establish neighborhood advisory boards in three neighborhoods.

To ensure the Air Monitoring component of our initiative is effective, we will conduct monthly meetings with the three neighborhood air monitoring advisory boards, monitor and analyze data from purple air monitors and select sites to conduct truck counts using air beams and black carbon monitors. SWEA intermediate outcomes for this initiative are to select one EJ Youth Community Ambassador for each neighborhood and two community group leaders from each neighborhood as the lead Train the Trainer partner. Long-term outcomes include developing neighborhood action plans for the three South Ward neighborhoods and developing a health literacy and translation tool-The DAPP (Data for Actionable Practice and Prevention).

In Phase II, SWEA will facilitate the development of new GI projects in the city, bring more awareness to new and imminent GI projects while soliciting valuable community feedback and highlighting the green job opportunities which are one of many co-benefits of green stormwater management solutions. To meet this objective, we will train and engage South Ward residents as GI Reformers and participants of the Rutgers Cooperative Extension Green Infrastructure Champion class. This means identifying community groups to assist with recruitment of South Ward GI Reformers, street canvassing and door knocker delivery to attend public environmental justice events. Short-term goals include formalizing GI Apprenticeship Program partnerships, establishing new partnerships with community-based organizations/projects in the South Ward and employing three GI trainees with positions. To solidify our efforts, SWEA will establish calendar projects and GI trainee assignments so that collaborative efforts are clear and direct. Gathering feedback will be crucial to this component of our initiative so we will utilize post-assignment evaluation including surveys by trainees, apprenticeship experience and supervisors.

In Phase III, SWEA will establish a Green Jobs Task Force, develop a brochure for Green Hub Recruitment of 60 residents and conduct monthly meetings with community-based partners. We will engage community members by planting and maintaining trees to expand the tree canopy and improve air quality. This will bring more awareness to new and imminent GI projects while soliciting valuable community feedback and highlighting the green job opportunities which are one of many co-benefits of green stormwater management solutions. SWEA will match participants with a Green Jobs coach to explore a credential-bearing green job training of their choice. Post-Training Support, Evaluation & Planning will be used to assess the program's efficacy while pursuing additional funding to scale and sustain the effort.

Programmatic Capability

Resumes Attached-Executive Director, Environmental Justice Organizer, Youth Organizer

SWEA Newsletters Attached

The work of the South Ward Environmental Alliance speaks for itself in the South Ward, Newark and the State of New Jersey. Just to name recent awards, The Clinton Hill Community Action and the South Ward Environmental Alliance were 1 of 5 recipients of the Green Jobs Council's NJ Building our Resilient, Inclusive, and Diverse Green Economy (BRIDGE) Initiative grant award. This grant will allow the South Ward Environmental Alliance and Clinton Hill Community Action to introduce and expand green job opportunities for South Ward residents as a result of the collaboration with our partners and set a standard for implementing green infrastructure projects, train residents to become solar installers and engage local businesses to help them see the return on investment for going green, in Newark and across the State of New Jersey. Also, The South Ward Environmental Alliance is the New Jersey partner with WE ACT for Environmental Justice's Environmental Justice Thriving Community Technical Assistance Center. As a project partner, South Ward Environmental Alliance will serve as an advisor and outreach partner for New Jersey's underserved communities. Specifically, as a subrecipient SWEA will coordinate outreach activities in underserved communities in the greater Newark area. Participate in the EJ TCTAC steering committee, and advise the TCTAC on its strategy for engaging and building the EJ capacity of underserved, rural, and remote communities; Comply with reporting and fiscal

requirements of project; Coordinate with local stakeholder and participants of environmental justice training to attend annual in-person convenings.

Past Performance Our organization does not have any federally and/or non-federally funded assistance agreements performed within the last three years.

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: MAR 29 2018

COMMUNITY THROUGH COLORS INC
Ex. 6 Personal Privacy (PP)
RENO, NV 89506-0000

Employer Identification Number:
82-3492084
DLN:
26053474002208
Contact Person:
CUSTOMER SERVICE ID# 31954
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)
Accounting Period Ending:
December 31
Public Charity Status:
170(b)(1)(A)(vi)
Form 990/990-EZ/990-N Required:
Yes
Effective Date of Exemption:
January 29, 2018
Contribution Deductibility:
Yes
Addendum Applies:
No

Dear Applicant:

We're pleased to tell you we determined you're exempt from federal income tax under Internal Revenue Code (IRC) Section 501(c)(3). Donors can deduct contributions they make to you under IRC Section 170. You're also qualified to receive tax deductible bequests, devises, transfers or gifts under Section 2055, 2106, or 2522. This letter could help resolve questions on your exempt status. Please keep it for your records.

Organizations exempt under IRC Section 501(c)(3) are further classified as either public charities or private foundations. We determined you're a public charity under the IRC Section listed at the top of this letter.

If we indicated at the top of this letter that you're required to file Form 990/990-EZ/990-N, our records show you're required to file an annual information return (Form 990 or Form 990-EZ) or electronic notice (Form 990-N, the e-Postcard). If you don't file a required return or notice for three consecutive years, your exempt status will be automatically revoked.

If we indicated at the top of this letter that an addendum applies, the enclosed addendum is an integral part of this letter.

For important information about your responsibilities as a tax-exempt organization, go to www.irs.gov/charities. Enter "4221-PC" in the search bar to view Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, which describes your recordkeeping, reporting, and disclosure requirements.

Letter 947

COMMUNITY THROUGH COLORS INC

Sincerely,

Stephen a. martin

Director, Exempt Organizations
Rulings and Agreements

Letter 947

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Community Through Colors

Address: Ex. 6 Personal Privacy (PP)

City: Reno

State: NV: Nevada Zip Code: 89506

B. Unique Entity Identifier (UEI): MZ6ZJ1VGB3P6

C. Applicant/Recipient Point of Contact

Name: Edgar Ruiz

Phone: Ex. 6 - Personal Privacy (PP)

Email: Ex. 6 Personal Privacy (PP)

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

n/a

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

n/a

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

n/a

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☒ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

n/a

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

n/a

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

n/a

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Edgar O Ruiz	Executive Director	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Edgar | Middle Name:
Last Name: Ruiz | Suffix:
Title: Executive Director

Complete Address:

Street1: Ex. 6 Personal Privacy (PP)
Street2:
City: Reno | State: NV: Nevada
Zip / Postal Code: 89506 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: Ex. 6 - Personal Privacy (PP)

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Edgar | Middle Name:
Last Name: Ruiz | Suffix:
Title: Executive Director

Complete Address:

Street1: Ex. 6 Personal Privacy (PP)
Street2:
City: Reno | State: NV: Nevada
Zip / Postal Code: 89506 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: Ex. 6 - Personal Privacy (PP)

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Edgar | Middle Name:
Last Name: Ruiz | Suffix:
Title: Executive Director

Complete Address:

Street1: Ex. 6 Personal Privacy (PP)
Street2:
City: Reno | State: NV: Nevada
Zip / Postal Code: 89506 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: Ex. 6 - Personal Privacy (PP)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: | First Name: Edgar | Middle Name:

Last Name: Ruiz | Suffix:

Title: Executive Director

Complete Address:

Street1: Ex. 6 Personal Privacy (PP)

Street2:

City: Reno | State: NV: Nevada

Zip / Postal Code: 89506 | Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**

E-mail Address: Ex. 6 - Personal Privacy (PP)

EPA Form 5700-54 (Rev 4-02)

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

EPA Collab Justice

1234-EPA-R-OEJECR-OCS-23-01_Community_Through_Colors_Project_Narrative Final.pdf
application/pdf
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Community Through Colors
Ex. 6 Personal Privacy (PP)
Reno
NV: Nevada
89506

MZ6ZJ1VGB3P6
Edgar Ruiz
EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
Executive Director
N: No
n/a
n/a
n/a
N: No
N: No
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Y: Yes
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Edgar O Ruiz
Executive Director
2023-04-14

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1235-EPA-R-OEJECR-OCS-23-01_Community_Through_Colors_Budget_Narrative Final.docx.pdf
application/pdf
n4EcxDLBaj5iTlza98zCWCZMvmQ=

1236-EPA-R-OEJECR-OCS-23-01_Community_Through_Colors_Logic_Model.pdf
application/pdf
wWefPwzRlClBfldBfQCfd8eLks0=

1237-EPA-R-OEJECR-OCS-23-01_Community_Through_Colors_letters of commitment.pdf
application/pdf
Wd9GhHin603bdGbJLh4tqpkWkTo=

1238-EPA-R-OEJECR-OCS-23-01_Community_Through_Colors_Resume.pdf
application/pdf
qKR1cNmnA6c497TES72ewsTuXyA=

Edgar
Ruiz

Executive Director
Ex. 6 Personal Privacy (PP)
Reno
NV: Nevada
89506
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)

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Executive Director
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NV: Nevada
89506
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)

Application
New

2023-04-14
MZ6ZJ1VGB3P6
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NV
Community Through Colors
823492084
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Ex. 6 Personal Privacy (PP)
Reno
NV: Nevada
89506-1454
USA: UNITED STATES

Edgar
Ruiz

Community Through Colors
Ex. 6 Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
1239-Vieques Puerto Rico Map.pdf
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Delivering Resilient Power and Communications to Vulnerable Populations in Vieques, Puerto Rico

NV-003
PR-001
2023-11-01
2026-10-31
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c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Mr.
Edgar
Ruiz

Executive Director
Ex. 6 Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
Edgar O Ruiz
2023-04-14

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Edgar O Ruiz
GRANT13862099

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier: Ex. 6 Personal Privacy (PP)

5a. Federal Entity Identifier: Ex. 6 Personal Privacy (PP)

5b. Federal Award Identifier: Ex. 6 Personal Privacy (PP)

State Use Only:

6. Date Received by State:

7. State Application Identifier: NV

8. APPLICANT INFORMATION:

* a. Legal Name: Community Through Colors

* b. Employer/Taxpayer Identification Number (EIN/TIN): 823492084

* c. UEI: MZ6ZJ1VGB3P6

d. Address:

* Street1: Redacted
Street2:
* City: Reno
County/Parish:
* State: NV: Nevada
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 89506-1454

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Edgar
Middle Name:
* Last Name: Ruiz
Suffix:

Title:

Organizational Affiliation: Community Through Colors

* Telephone Number: Ex. 6 Personal Privacy (PP)
Fax Number:

* Email: Ex. 6 - Personal Privacy (PP)

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

1239-Vieques Puerto Rico Map.pdf | Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Delivering Resilient Power and Communications to Vulnerable Populations in Vieques, Puerto Rico

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: NV-003 * b. Program/Project: PR-001

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 * b. End Date: 10/31/2026

18. Estimated Funding ($):

* a. Federal	499,950.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	499,950.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Mr. * First Name: Edgar

Middle Name:

* Last Name: Ruiz

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 Personal Privacy (PP) Fax Number:

* Email: Ex. 6 - Personal Privacy (PP)

* Signature of Authorized Representative: Edgar O Ruiz * Date Signed: 04/14/2023

Delivering Resilient Power and Communications to Vulnerable Populations in Vieques, Puerto Rico

Budget Narrative

Program Title: Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program
Funding Number: EPA-R-OEJECR-OCS-23-01
Assistance Listing: 66.306

Project Duration: 11/1/2023-10/31/2026
Federal Funds Requested: $499,950

Project Manager: Oscar Ruiz-Executive Director, Community Through Colors
Email: Ex. 6 - Personal Privacy (PP)
Phone: Ex. 6 - Personal Privacy (PP)

	Description	Total
Personnel	Project Manager: 720 hours @ $40/hr = $28,800 2 Staff: 9000 total hours @ $20/hr = $180,000 2 Staff: 5400 total hours @ $15/hr = $81,000	$286,800
Fringe Benefits	N/A	$0
Travel	Local mileage for Renewable Energy and Mobile Communications outreach for community outreach efforts: 30 miles @ $0.625/mi.[1] X 100 total routes around the island (over 3 project years) = $1875 Local mileage for Vieques leadership team: 10 miles @ $.625/mi. * 36 (monthly meetings over 3 project year) = $225 Travel for Joseph Siegel to attend project initiation meeting = $900	$3,000
Equipment	N/A	$0
Supplies	23 New Use Energy Systems at a volume discount rate of $3,500/system (retail is $3,706) and bulk shipment to Vieques totaling $8,250 = $88,750 400 Mobile Radios at $80/radio = $32,000 Miscellaneous Supplies = $2000	$122,750
Contractual	N/A	$0
Construction	N/A	$0
Indirect Costs	De minimis rate of 10% applied to Total Modified Direct Cost for CTC Administration and Operational Expenses = $45,400	$45,400
Other	Participant Consultant Sustainable Designs: 250 hours @ $56/hr =$42,000	$42,000
Total Project Cost		**$499,950**

[1] Retrieved April 5, 2023 from:
https://www.prd.uscourts.gov/news/no-22-05-new-mileage-rate-effective-july-1-2022

Personnel:

Edgar Oscar Ruiz-Project Manager

As the Project Manager and Executive Director of Community Through Colors, Edgar Oscar Ruiz will be actively involved in all day-to-day operations and decision-making throughout the project. He will oversee all project activities and will be responsible for making sure project staff and collaborators follow the work plan and project goals are achieved effectively and efficiently. Mr. Ruiz effort on this project will be 240 hours each year at $40/hour, totaling $28,800 over the three-year project.

Renewable Energy Systems Lead

One employee will be in charge of Renewable Energy Systems integration, helping to: install New Use systems at residences and emergency shelters; periodically check on the health of the energy systems; provide necessary maintenance and updates; and interface with New Use Energy technical support as needed. They will also lead the renewable energy workshop training development and implementation, as well as leading the high school innovation challenge. This employee will work 1500 hours per year at $20 an hour, totaling $30,000 per year and $90,000, over the three-year project.

Mobile Communications Lead

A Mobile Communications Lead, working through project partner ViequesLove, will support multiple activities for this project. They will interface with disaster response coordinators and government agencies to integrate this project into existing disaster response plans. The Mobile Communications Lead will be in charge of mobile radio deployment and training to residents and disaster response personnel. This employee will also support the radio station manager with radio programming in the event of an emergency. The Mobile Communications Lead will work 1500 hours per year at $20 an hour, totaling $30,000 per year and $90,000, over the three-year project.

Community Lead

A Community Lead, working under project partner COREFI, will be in charge of coordination with community members and interfacing with targeted populations who receive support through this project. The Community Lead will be an integral component of this project as a point of contact for the community to ensure the needs of the most vulnerable residents are heard and addressed. They will work with the Renewable Energy and Mobile Communications Lead to ensure both technologies are successfully adopted and achieve desired project goals. The Community Lead will work 900 hours per year at $15 an hour, totaling $13,500 per year and $40,500 over the three-year project.

Radio Station Manager

One Radio Station Manager will operate the radio station and help to disseminate communications technologies to project recipients at households and disaster response teams.

This employee will broadcast communications over the CTC radio frequency in the event of an emergency. They will communicate with emergency responders to help those in need receive assistance, and will assist with mobile radio deployment and training. The Radio Station Manager will work 900 hours per year at $15 an hour, totaling $13,500 per year and $40,500 over the three-year project.

Total Personnel: $286,800

Fringe Benefits:
No Fringe Benefits will be charged for this project.

Travel:
Local mileage for Renewable Energy and Mobile Communications outreach for community outreach efforts: 30 miles @ $0.625/mi.[2] X 100 total routes around the island (over 3 project years) = $1875

Local mileage for Vieques leadership team: 10 miles @ $.625/mi. * 36 (monthly meetings over 3 project year) = $225

Travel for Joseph Siegel to attend project initiation meeting:
Airfare: Roundtrip flight from Boston to Vieques: $400
Lodging: $100/night for 3 nights = $300
Per diem: $50/day for 3 days = $200

***Total Travel*: $3,000**

Equipment:
No Equipment costs will be applied to this project.

Supplies:
This project cannot exist without supplies for critical power and communications in the event of a power outage. Therefore, a necessary cost is for the provisioning of renewable energy systems and portable radio units that are off-grid capable when the electrical grid is not operational.

- For this project CTC will procure and install 25 New Use Energy systems: 30 systems to populations who need power for life-saving medical devices; 3 systems to the emergency shelters; and 2 systems for the high school innovation challenge. The chosen system for this project is the New Use Energy Mobile Solar Systems: *2000W Medium PowerPac (Reference:* https://www.newuseenergy.com/product/mobile-solar-system-2000w-medium/). Each

[2] Retrieved April 5, 2023 from:
https://www.prd.uscourts.gov/news/no-22-05-new-mileage-rate-effective-july-1-2022

system comes with: 2000 watts of solar photovoltaic panels; a 1500 watts pure sine wave inverter and built in charge controller for instant plug and play convenience; and a 2200 watt-hour Lithium iron phosphate battery. This system can power larger appliances including refrigerators/ freezers, portable satellite dishes and other communication devices, and charging multiple personal devices including phones and computers.

25 New Use Energy Systems at a volume discount rate of $3,500/system (retail is $3,706) and bulk shipment to Vieques totaling $7,000 = $94,500

- To maximize communications capabilities and information dissemination during a grid outage, this project will provide 400 self-powering portable radios to vulnerable households, disaster response units, and community organizers. Each radio is equipped with a LED flashlight, has mobile phone charging capability, and will be powered by solar energy. Kaito Voyager Pro KA600 Digital Solar Dynamo Hand Crank AM/FM/LW/SW & NOAA Weather Emergency Radio with Flashlight, Reading Lamp,Smart Phone Charger & RDS and Real-Time Alert, with AC Adapter, Black.

- 400 Radios at $80/radio = $32,000

Additional supplies are needed for materials to support the following: educating mobile power and communication system recipients through workshops; holding group meetings; and for the energy education innovation challenge.

- Miscellaneous supplies cost for workshop promotion and materials, office supplies, and community outreach is $2,000 for the three years of this project.

Total Supplies: $122,750

Contractual:
No Contractual costs will be applied to this project.

Construction:
No Construction costs will be applied to this project.

Indirect:
- CTC will apply the de minimis rate of 10% of modified total direct costs for this project.

  General Administration for additional staff to support with project management, financial management, and additional staff hours to help with coordination between project partners COREFI and Vieques High School.

  Overhead for computer fees, electricity costs and support with day-to-day activities needed for CTC to function effectively.

Total Indirect: $45,450

Other:

Joseph Siegel, *Sustainable Designs*: Mr. Siegel's support will be vital for the success of this project under a subrecipient award. He will work closely with all CTC Team members to ensure programmatic activities are delivered on-time and within budget. Mr. Siegel will provide support for project design, implementation, outcomes reporting, project performance and analytical support, management services, and techno economic advising. His work will be under a noncompetitive agreement described in 2 CFR 200.320(c)(1), as the fee was below the micro-purchase threshold of $50,000. His work cannot be performed by another contractor. Mr. Siegel will devote 250 hours at $56 per hour to this project annually over the three-year project duration, for a total fee of $42,000.

Total Other: $42,000

Total Project Cost: $499,950

CONCERNED RESIDENTS FOR IMPROVEMENT, INC.
Redacted
Vieques, Puerto Rico 00765
Tel. Ex. 6 - Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)

April 15, 2023.

To Whom It May Concern,

Concerned Residents for Improvement, Inc. also known as COREFI VIEQUES, pledges its support to Community Through Colors for their EPA Grant, Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program.

The local demographic and outreach programs include all sectors of the community from children to seniors. Nonetheless we target the elderly, homeless and underserved population. Our history of successful partnerships with local businesses, schools, individual and community organizations has been in good standard over the years.

We look forward to collaborating with Community Through Colors on this proposed program. We currently conduct weekly meals delivered to diminish the food insecurity in our population.

It is our hope that you will consider their application and offer an award.

Sincerely,

Gladys Yaritza Pérez Pagán
Executive Director

At Concerned Residents for Improvement Inc., better known as COREFI, there is no discrimination based on race, color, sex, sexual orientation, origin or social condition, age, handicap, political and/or religious ideas or any other discriminatory cause in the provision of services being consistent with the Health and Safety Civil Rights Laws.

Sustainable Designs

April 5, 2023

To Whom It May Concern,

Sustainable Designs pledges its support to Community Through Colors for their project under the EPA Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program. Specifically, Sustainable Designs will provide support for project design, implementation, outcomes reporting, project performance and analytical support, management services, and technoeconomic advising as needed to ensure this project is as successful as possible. We acknowledge the expectations of our role set by the Community Through Colors for this project. Sustainable Designs will devote Ex. 6 Personal Privacy (PP) to this project annually over the three-year project duration, for a total fee of Ex. 6 Personal Privacy (PP)

Best,



Joseph Siegel

President

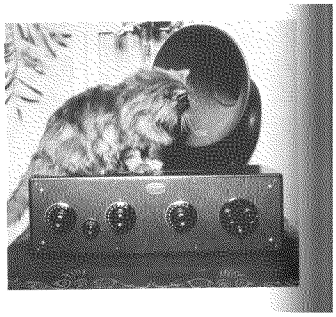
Sustainable Designs

P: Ex. 6 - Personal Privacy (PP)

E: Ex. 6 - Personal Privacy (PP)

Center for International Media Action

Philadelphia Office
Ex. 6 Personal Privacy (PP)
Philadelphia, Pa 1945 USA



3/14/2023

To Whom It May Concern,

The Center For International Media Action (CIMA) would like to express our support of Community Through Colors for their EPA Grant, Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program.

Community Through Colors was a key collaborator in our effort to move 300 solar panels to Vieques, and 10 donated solar hot water systems. Oscar Ruiz also provided technical support and training at several of the sites where we installed solar electric systems. We rely on their collaboration and support each year when we work to provide reliable solar electricity to families whose access to electricity is precarious.

We believe that this grant, in the able hands of Community Through Colors, will be responsibly manages, wisely spent, and have great impact for environmental and energy security efforts in Vieques. Should the grant be awarded to Community Through Colors, we are certain that their expanded capacity would make CIMA's efforts on behalf of green energy in Vieques more successful. We also look forward to collaboration on radio efforts, and are happy to lend our expertise to this aspect of the project as well.

Thanks,

Pete Tridish

Pete Tridish
Director, SBE Certified Broadcast Radio Engineer
Ex. 6 - Personal Privacy (PP)



ViequesLove
Ex. 6 - Personal Privacy (PP)
PO Box 1108,
Vieques, PR 00765
www.viequeslove.org

To: Edgar Oscar Ruiz
Executive Director
Community Trough Colors

4/11/23

From: Paul Lutton
President of the Board
ViequesLove

Re: Funding Opportunity:
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS)
COOPERATIVE AGREEMENT PROGRAM
FUNDING NO.: EPA-R-OEJECR-OCS-23-01
U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA)
OFFICE OF ENVIRONMENTAL JUSTICE AND EXTERNAL CIVIL RIGHTS (OEJECR)

Letter of Intent to Collaborate

ViequesLove is pleased to collaborate with the Community Trough Colors on your proposal for the "ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM" of the U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA) OFFICE OF ENVIRONMENTAL JUSTICE AND EXTERNAL CIVIL RIGHTS (OEJECR), in response to the recent funding opportunity EPA-R-OEJECR-OCS-23-01.

We believe this initiative will help provide the necessary training and infrastructure to implement its goal of delivering resilient power and communications to vulnerable populations in Vieques, Puerto Rico.

Viequeslove is a 501(c)(3) not for profit organization, which also holds the Puerto Rico Tax Exemption under Section 1101.01 of the Puerto Rico Internal Revenue Code. ViequesLove's mission is defined as follows: "***To initiate, support, coordinate and implement sustainable community programs and to foster collaboration with groups and individuals working to improve the quality of life for residents of Vieques, Puerto Rico*".**

Viequeslove was created during the Hurricane Maria disaster and worked diligently during its response and recovery phases and continues to participate in the post-disaster analysis and advocacy efforts that are necessary for the fostering of local resiliency and the assurance of future just recovery processes.

ViequesLove raised and managed over a million dollars for the response and recovery programs on the island. One of the most successful uses of those funds, was the acquisition and deployment of over 150 thousand dollars' worth of mobile energy systems with photovoltaic panels. These were used on vulnerable homes, chronic illness patient care, and even powered several health service facilities. The units were also a key source of energy for communications and connectivity services. We strongly believe this elements are key for the delivery of legitimate energy justice to this isolated community that currently lacks a reliable backup energy system.

During our efforts to empower the local community groups and critical infrastructure we developed a vision to: "***facilitate the collaboration of community groups and local government to design and implement a transformation of Vieques into a resilient and sustainable island prepared for an unpredictable future***."

Working on our Asset Mapping Project and through our ongoing support to the Municipal Emergency Management Office, we have seen firsthand the chaotic results of a lack of communications during the disasters and loss of energy events on the island. Sadly, we have also witnessed the loss of life and detriment to overall human health, due to the lack of energy to operate medical equipment and other basic energy needs to the vulnerable households that are on the island. Due to the lack of a proper health and emergency shelter infrastructure on Vieques, initiatives such as this Community Through Colors proposal, become vital to provide lifesaving resources and to assure the most vulnerable members of this underserved community will not be once again abandoned in future disasters.

We fully support the Community Trough Colors "***Delivering Resilient Power and Communications to Vulnerable Populations in Vieques, Puerto Rico***" proposal, and reiterate our commitment to collaborate on the established components in the grant application.

I am available to provide additional documentation and information regarding our organization, and to discuss the details of our participation in the proposal application.

Sincerely,

Paul Lutton

Paul Lutton ViequesLove
ViequesLove.org
paul.lutton@viequeslove.org
Redacted
Vieques PR, 00765

Resume

Ex. 6 Personal Privacy (PP)
HC1 Box 6822, Vieques, PR 00765-9056
Mobile : Ex. 6 - Personal Privacy (PP) e-mail: Ex. 6 - Personal Privacy (PP)

OBJECTIVE

Work in an organization where I can apply my knowledge and experience in administration & customer service.

EXPERIENCE

Property Manager
Various Airb&bs
Ex. 6 Personal Privacy (PP)
July 2018 to present

Owner
Full Line Rep Corp.
Cond. Alturas de Piedras Blancas
Ex. 6 Personal Privacy (PP)
Guaynabo, PR 00969
December 1999 to present

Administrator
HealthproMed
Vieques, Puerto Rico
May 2020 to November 2020

Director
Concerned Residents for Improvement, Inc.
P.O. Box 97
Vieques, Puerto Rico 00765
February 2018 to present

Administrator
Interisland Food Services Inc
Vieques, PR 00765
August 2016 – September 2017

Administrator
Ex. 6 Personal Privacy (PP)
Vieques, PR 00765
November 2014 to July 2016

Sales & Customer Service Manager
Industrial Electric Specialties Inc.
RR16 Box 3239
San Juan, PR 00926
December 1983 to December 1999

EDUCATION

University of Puerto Rico - Mayaguez January 1982 to December 1983
Biology
Mayaguez, P.R.

Colegio La Merced Graduated in 1981
San Juan, PR

CERTIFICATIONS

First Aid CPR AED

Community Emergency Response Team (CERT) Member

Food Manager certification (Certificado de Inocuidad)

SKILLS

Bilingual - English - Spanish

Customer Service Oriented

Computer Knowledge

Secure Claim
Microsoft Office (Excel, Word, PowerPoint)
ACCPAC
Quick Books

REFERENCES

Ex. 6 Personal Privacy (PP)
Owner
Villa del Sol
Tel. Ex. 6 - Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)
CDT Medical Director
Vieques, PR
Tel. Ex. 6 - Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)
President - Owner
Industrial Electric Specialties, Inc. / Quantum Controls
San Juan, PR
Ex. 6 - Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) Reno, Nevada 89506
Home: Ex. 6 - Personal Privacy (PP) Ex. 6 - Personal Privacy (PP)

Professional Summary

Dedicated professional with eleven years of outstanding performance in the U.S. Military. Earned two promotions and excelled as a leader. Accountable and ambitious, able to remain focused and productive in challenging situations. Calm under pressure with superior time management and conflict resolution skills. Offering top-quality customer service and security operations. Exceptionally hard worker, well versed in supply and inventory management. Extraordinary leader and problem solver, transitioning from a successful career in the military to the civilian industry. Currently the Executive Director of Community Through Colors, a 501(c)(3) non-profit disaster relief and resiliency organization focusing in the Caribbean.

Skills

Farmer, Offgrid Solar Installer, Emergency Response Coordinator, Complex data management, Project management, Disaster preparedness, Budget analysis, First Aid/CPR certified, Customer Service Training/Conflict resolution, Cross-Cultural Communications training, Quick learner, Spanish and English proficient, Proficiency in Word, Excel, Outlook and Powerpoint

Professional Experience

Executive Director, Sep 2017 to Current

Community Through Colors

Manage and direct the relief and resiliency operations of a disaster relief organization focused on Puerto Rico recovery efforts.

- Responsible for the coordination of several evacuation flights and relief operations post Hurricane in Sep 2017.
- Oversaw the transportation and delivery of 2 tons of supplies by sailboat from the Mainland US to Puerto Rico.
- Oversaw and/or supervised over 30 solar resiliency installations
- Oversaw and managed the on the ground volunteer effort of over 100 volunteers and thousands of volunteer hours.
- Reviewed and advocated for legislation on resilient energy in Puerto Rico. • Continue to comment and review legislation on Renewable energy topics. • Helped train and translate for a class of 22 students in offgrid solar installation. • Helped train and translate 10 students in a 2 day course in off grid solar. • Transported and distributed 500 solar kits to the island of Ill le Vache in Haiti, providing power and light to half the households.

Ophthalmology Clinic Manager, May 2011 to November 2013

U.S. Army – Fort Belvoir Community Hospital – Ft Belvoir, VA

Senior Medical Coordinator, May 2008 to May 2010

U.S. Army – Schweinfurt, Germany/FOB Endeavor Iraq

Senior Eye Technician, May 2006-Apr 2008

U.S. Army, Walter Reed Army Medical Center – Washington, DC

Accomplishments

Maintained 100% accountability of all assigned equipment worth more than $6 million dollars, with no loss of equipment. Also maintained 100% accountability of equipment during the Walter Reed, Dewitt, Fort Belvoir transition.

- Designed and opened both the New Ophthalmology Clinic and the Refractive Surgery Clinic at Ft Belvoir.
- Created Supply Chains for Ophthalmic equipment at the new clinics.
- Trained and certified nearly 120 soldiers as CPR/First Aid from the Bulgarian Army. • Developed a tracking system for the Brigade that maintained 100% accountability during medical reintegration of over 5000 personnel.
- Earned the Expert Field Medical Badge and Awarded the Combat Medic Badge. • Won Expert Field Medic for the North Atlantic Medical Region in 2007. • Trained and supervised more than 50 Army personnel.

Education and Training • Bachelor of Science Degree (Professional Aeronautics),Utah Valley State University, Orem Utah, Anticipated Graduation 2023 • Commercial Pilot's License, Instrument Rating, 300 hours Flight time Potomac, Maryland, 2010 • Military-Earned Certificates: o Warrior Leaders (160 hrs) Fort Bragg, North Carolina, 2012 o Ophthalmology training (15 credit hours), Fort Sam Houston, San Antonio, TX 2011 o Combat Medic Training (45 credit hours), Fort Sam Houston, San Antonio, TX 2011 o Aerostat operators course, (160 hrs), Forward Operating Base Echo, Ad Diwaniyah, Iraq 2010 o Trusted Agent (4 hours), Fort Belvoir, VA, 2012 o CPR/First Aid Instructor (8 hours), Fort Belvoir, VA, 2012 o Field Sanitation (40 hours), Schweinfurt Germany, 2008 o Expert Translator Spanish Language, Washington DC, 2007 o Chemical Biological Response Team Member and Instructor (80 hours) Washington, DC, 2004

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RADIO PRODUCER

Email: Ex. 6 Personal Privacy (PP)
Phone: Ex. 6 Personal Privacy (PP)
Website: Ex. 6 Personal Privacy (PP)

EDUCATION

Connecticut School of Broadcasting

West Palm Beach, FL
Producción de Radio y Televisión

National College

Bayamón, PR
Electrónica Digital
((1989-1991

HABILIDADES

- Producción de comerciales para radio y televisión
- Trabajo en equipo
- Responsabilidad y puntualidad
- Honestidad
- Liderazgo
- Trabajo bajo presión
- Disciplina
- Conocimiento de programas de aplicación: Protools, Voxpro, Final Cut, Adobe Audition

IDIOMAS

- Español (nativo)
- Inglés (conversación, lectura
- y escritura fluidas)

REFERENCIAS

Disponible a petición

PERFIL PROFECIONAL

Persona responsable y puntual con habilidades organizativas y creativas. Con experiencia en producción de comerciales para radio y televisión, así como en la producción de programas radiales. Busco trabajar en una empresa que me permita expandir mis conocimientos y habilidades para continuar mi desarrollo profesional.

EXPERIENCIA PROFESIONAL

Radio Vieques 90.1fm (2013-2020)

- Jefe de Operaciones / Director de Programación | 2013-2020
- Coordinación de operaciones y personal técnico en la estación.
- Creación y producción de contenido radial, incluyendo programas especiales y comerciales.
- Desarrollo y ejecución de estrategias para aumentar la audiencia y mejorar la calidad de la programación.
-

Clear Channel Communications WRUM-Rumba 100.3FM Orlando, FL(2004-2009)

- Locutor / Operador de consola / Productor
- Locución en vivo y grabada de programas de radio.
- Manejo de equipo técnico para la emisión de programación en vivo.
- Creación y producción de comerciales para la estación.
-

Mega Communications WEMG-Mega 104.9FM / WSSJ-Clasica 1310AM Philadelphia, PA

- Locutor / Operador de consola / Productor | 1992-2003
- Locución en vivo y grabada de programas de radio.
- Manejo de equipo técnico para la emisión de programación en vivo.
- Creación y producción de comerciales para la estación.
-

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Summary of Qualifications

Redacted has over 15 years of experience in research, policy analysis, and project management addressing climate change, ecosystem resilience, and sustainable development challenges. Currently, Redacted is a Consultant and Founder of Sustainable Designs, an environmental policy and sustainable development firm, where he conducts research and implements projects for governmental and non-governmental organizations on renewable energy and energy efficiency, agriculture and food system interventions, water conservation and land-use policy. He has worked for over a decade to support sustainable livelihoods and increase job opportunities for low-income populations. Redacted holds a Masters degree from Virginia Polytechnic Institute and State University and a BA from George Mason University.

Education

2013-2016 **Virginia Polytechnic Institute and State University, Department of Natural Resources**
M.N.R. Masters in Natural Resource Management (*summa cum laude)*
Global Natural Resource Specialist Program

2006-2011 **George Mason University**
B.A. Religious Studies
Minors in Global Affairs and Psychology

Professional Experience (2009 –Present)

Consultant: Sustainable Designs, Falmouth, MA, USA (2018-Present)

Project Development, Proposal Writer, Software Quality Assurance CMMI Lead

Provides technical consulting services (research and analysis, proposal development, policy guidance, quality assurance, project design and implementation) to governments, multilateral institutions, foundations, and industry. Develops and manages complex projects, budgets, and teams of experts. Projects include:

2022 – Present: USDA Community Food Project Competitive Food Grants Program – Co-Project Director on this USDA-funded project to increase access to nutritious food for low-income populations in Vieques, Puerto Rico. Helping lead project design, financial benchmarking, and project reporting activities.

2021 – Present: USDA Beginning Farmers and Ranchers Program – Co-Project Director on a USDA-funded project to support beginning farmers and enhance the local food system in Vieques, Puerto Rico. Led the project design and proposal effort for this successful USDA grant award.

2020 – Present: UN Sustainable Development Goal Currency – In partnership with academic and industry partners, working to develop a complementary currency based on UN SDG targets to produce a platform for universal basic income.

2020: Solar Foundation Community Microgrid Pilot – Designed and wrote the proposal to establish a solarpowered microgrid for a low-income development and hospital on the island of Vieques, Puerto Rico. Working with leaders in Vieques to extend the microgrid to interconnect all critical infrastructure on the island. *Finalist.*

2019 – Present: USAID Development Innovation Venture (DIV) Grant – Designed and wrote a proposal for the USAID DIV Grant Program featuring a unique technoeconomic model to help address adverse effects of climate change experienced by a network of farming villages in Telangana state, India. The proposed work will integrate a blockchain token platform with local sustainable energy, water, food, and waste systems. *Grant is still in the review process.*

2019 – Present: Business Development Lead: TWD Associates – Assisting with business development tasks for TWD, including proposal research and development.

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2018 – 2021: Capability Maturity Model Integration (CMMI) Director: TWD Associates – Run the Software Engineering Process Group and Software Quality Assurance unit at TWD to attain CMMI-Development Level 3 and working to attain CMMI Dev-Level 4. Coordinate with the CEO, VP of Development, Project Managers, and Scrum Masters to ensure CMMI-Development Level 3 requirements are maintained.

2018 – 2019: US Department of Energy Office of Energy Efficiency and Renewable Energy – Led proposal effort to develop solar PV, battery storage, and biogas microgrids to increase energy access and resilience for critical infrastructure and community facilities in Vieques, Puerto Rico.

Vice President, ITAR Compliance Manager, Policy and Research Analyst: Energy and Security Group, Reston, VA, USA (2009-2017)

Developed regional programs to promote renewable energy projects worldwide, working in cooperation with senior government, private sector, financial community, and NGOs. Provided support for the development of new renewable energy financing programs at the US Trade and Development Agency (USTDA), US EXIMBANK, the Overseas Private Investment Corporation (OPIC), the Department of Commerce, USAID, and the Department of Energy; the World; and regional programs. These programs collectively yielded millions of dollars in funding support for renewable energy and energy efficiency programs worldwide.

2017: USAID Power Africa Uganda – Designed and wrote the 5-year workplan of a winning eleven million-dollar USAID project for the Power Africa program in Uganda. Project activities increased renewable energy access for local food hubs, agricultural schemes, health clinics, and education centers in Uganda.

2013 – 2017: World Bank, Energy Access Case Studies for Developing Nations – Conducted research and developed energy assessments of twelve countries for World Bank, analyzing data on existing energy capacity and geo-specific potential for renewable integration (solar radiation, wind, geothermal, biomass opportunity).

2012 – 2017: US Trade and Development Agency Microgrid Development for 100 towns in Post-Earthquake Haiti – Helped with project coordination, and led the composition of the final report for, a USTDA-funded project overseeing the establishment of 100 solar powered mini-grids in post-earthquake Haiti.

2012 – 2017: US EPA Small Businesses and Congregations Database Manager – Managed the EPA Energy Star Portfolio database for the Small Businesses and Congregations program which assisted participants to calculate cost savings and reduction in greenhouse gas emissions with energy efficiency measures.

2016: US EPA Energy Star Success Stories – Composed a series of success stories on religious congregations energy savings and greenhouse gas emission reduction from the application of renewable energy and energy efficiency measures.

2013 – 2015: US EPA Energy Star Action Workbook for Small Businesses and Congregations – Helped prepare documentation and analysis for the EPA Energy Star Workbooks which provided guidance for small businesses and religious congregations on how to benefit from EPA Energy Star programs for implementing energy efficiency and renewable energy measures at their organization. This work provided clients with informative data on cost, design principles, products, vendors, rebates, and tax deductions.

2012 – 2014: World Bank Best Practices for Rural Electrification – Supported the World Bank in developing a series of best-practice case studies on rural electrification from renewable sources, prepared case studies on rural electrification from pilot programs in Bangladesh, China, India, and Vietnam.

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Experiencia Profesional

- **Sistema Municipal de Investigación de Casos y Rastreo de ContactosSMICRC Vieques**
  Coordinadora Rastreadora-Investigadora **2020 al presente**
  - ✓ Investigación y Rastreo de Casos de COVID-19
  - ✓ Entrada de Datos de pruebas de COVID-19
  - ✓ Manejo de plataformas Test Taker y Biopotral
  - ✓ Asistir en tecnología Zoom para reuniones
  - ✓ Coordinación de eventos de muestras
  - ✓ Requisición de materiales para el equipo
  - ✓ Coordinación de reuniones
  - ✓ Trabajos administrativos
  - ✓ Supervisión de nóminas
  - ✓ Creación de reportes

- **ViequesLove, Organización sin Fines de Lucro**
  Enlace Comunitario y Administración **2019 al presente**
  - ✓ Enlace con las comunidades
  - ✓ Labores Administrativas
  - ✓ Pago de Nóminas
  - ✓ Ordenes de Compras y Reportes
  - ✓ Certificación Plataforma Windows
  - ✓ Logística entre entidades para donaciones

- **Manejo de Propiedades privadas** **2005 al presenteAdministradora**
  - ✓ Coordinar Ocupación
  - ✓ Coordinar Arreglos imprevistos

- **W Hotel Resort & Spa, Vieques** **2008-2009**
  Hospitalidad a Huéspedes
  - ✓ Saludo y Bienvenida a huéspedes
  - ✓ Supervisora de Alimentos
  - ✓ Reservaciones y Cancelaciones

- **Martineau Bay Resort & Spa, Vieques** **2005-2006**
  Hospitalidad a Huéspedes
  - ✓ Saludo y Bienvenida a huéspedes
  - ✓ Supervisora de Alimentos
  - ✓ Reservaciones y Cancelaciones

Educación

- **Kaplan University** **2008 - 2010**
  20 Créditos en Hotelería

- **University of Puerto Rico-Humacao, PR** **2002-2004**
  20 Créditos Aprobados en Microbiología

- **Germán Rieckhoff High School- Vieques, PR** **2002**
  Diploma de escuela superior

Destrezas

- Liderazgo
- Comunicaciones
- Manejo de Computadoras, Plataforma Windows
- Manejo del tiempo
- Collaboración en Proyectos
- Organizacionales

Referencias

- Disponibles a solicitud

Ex. 6 Personal Privacy (PP)
P.O. Box 1018, Vieques, Puerto Rico, 00765
Ex. 6 - Personal Privacy (PP) Ex. 6 - Personal Privacy (PP)

Education

Cornell University, College of Arts and Sciences Ithaca, NY
Bachelor of Arts in Biological Sciences with a concentration in Biochemistry | GPA 4.0 **2022**
Relevant Coursework: Biochemistry, Organic Chemistry, Caribbean Worlds, Art of Education, Cover Crops Agroecosystems

Penfield High School Penfield, NY
Advanced Designation Diploma with Honors with annotations that denote mastery in Math and in Science **June 2019**

Research Experience

Sardana Lab, Cornell University Ithaca, NY
Undergraduate Research Assistant **January 2022 – December 2022**
- Wrote an analysis code to analyze comparative protein colocalization and increase data processing capacity
- Presented data and conclusions at an annual forum of peers and specialists in the field of biology
- Generated novel strains with inducible protein inactivation and in vivo tags to characterize cellular proteins

Donnelly Lab, Cornell University Ithaca, NY
Undergraduate Research Assistant **July 2020 - December 2021**
- Applied FTIR imaging and Raman spectroscopy to analyzing pathologies, cancers, and stem cell development
- Designed and modified experimental procedures and R/MATLAB code using recent literature and experimentation
- Updated laboratory protocols to streamline training and improve data collection reliability
- Created new data logging procedures and accessible forms to increase efficiency and collaboration
- Led an ethics case study group discussion on data selection and maintained laboratory website to facilitate outreach

Legal Decision Lab, Cornell University Ithaca, NY
Undergraduate Research Assistant **January 2019 - May 2020**
- Administered a multi-stage variable condition experiment and managed sensitive personal participant information
- Transcribed debates, entered coded responses, and identified patterns within large data sets

Work Experience

Community Through Colors Vieques, PR
System and Operations Manager **December 2021 - Present**
- Coordinated global volunteer efforts for renewable energy, environmental sustainability, and food security projects
- Responsible for safety of volunteers while working with tools and operating heavy farm equipment
- Created and maintained databases to improve metric tracking and reporting capabilities
- Wrote protocol manuals and designed outreach material for educational activities
- Responsible for daily collection of and record keeping for food scrap collection program
- Processed produce market food scraps with tiered quality metrics in accordance with EPA guidelines

Cornell University Sustainability Ithaca, NY
Compost Manager **September 2021 – December 2022**
- Posted proper signage around accessible compost buckets in student dormitories
- Promoted composting activities and proper techniques through community messaging services
- Worked with staff, community, and other managers to improve composting on campus
- Ensured communal buckets were contamination free and reported weekly data
- Implemented safety measures to protect volunteers during heightened rates of COVID19 transmission

Raising Education Attainment Challenge Ithaca, NY
Co-president, site liaison, and classroom assistant for fifth grade mathematics **March 2021 – December 2022**
- Worked with individual students to complete daily activities and provided additional explanation of new material
- Communicated with tutors and teachers to provide critical updates at multiple schools and community centers
- Facilitated outreach and advertisement through new channels and initiated new procedures to expedite on-boarding
- Coordinated the hire and placement of new students through interviews, training, and transportation
-

SKILLS AND CERTIFICATIONS

Data Management • CITI IRB Training • Compost Management • Spectroscopy • PCR • Western Blots • Fluorescence Microscopy • Familiarity with Python, Matlab, R, ImageJ, ISYS, SnapGene, and Excel • Data presentation

PUBLICATIONS AND PRESENTATIONS

Ex. 6 Personal Privacy (PP)

2021. "Golgi Membrane Protein Erd1 Is Essential for Recycling a Subset of Golgi Glycosyltransferases." Edited by Redacted ELife 10 (November): e70774. https://doi.org/10.7554/eLife.70774.

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

2023, "Peripheral Cortical Bone Density Predicts Vertebral Bone Mineral Properties in Spine Fusion Surgery Patients." Bone. https://doi.org/10.1016/j.bone.2023.116678.

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Corporacion Pinones se Integra

Address: PR 187 km. 4.2

City: Loiza

State: PR: Puerto Rico Zip Code: 00772

B. Unique Entity Identifier (UEI): CQJHEYM5R3U7

C. Applicant/Recipient Point of Contact

Name: Maricruz Rivera Clemente

Phone: Ex. 6 Personal Privacy (PP)

Email: Ex. 6 Personal Privacy (PP)

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

none

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

none

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

none

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☐ Yes ☒ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☐ Yes ☒ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☐ Yes ☒ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

na

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

na

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Maricruz Rivera Clemente	Executive Director	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Dr. First Name: Maricruz Middle Name:
Last Name: Rivera Clemente Suffix:
Title: Executive Director
Complete Address:
Street1: Ex. 6 Personal Privacy (PP)
Street2:
City: State: Ex. 6 Personal Privacy (PP)
Zip / Postal Code: Country: Ex. 6 Personal Privacy (PP)
Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**
E-mail Address: Ex. 6 Personal Privacy (PP)

Payee: *Individual authorized to accept payments.*

Name: Prefix: Dr. First Name: Maricruz Middle Name:
Last Name: Rivera Clemente Suffix:
Title: Executive Director
Complete Address:
Street1: Ex. 6 Personal Privacy (PP)
Street2:
City: State: Ex. 6 Personal Privacy (PP)
Zip / Postal Code: Country: Ex. 6 Personal Privacy (PP)
Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**
E-mail Address: Ex. 6 - Personal Privacy (PP)

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: Dr. First Name: Maricruz Middle Name:
Last Name: Rivera Clemente Suffix:
Title: Executive Director
Complete Address:
Street1: Ex. 6 Personal Privacy (PP)
Street2:
City: State: Ex. 6 Personal Privacy (PP)
Zip / Postal Code: Country: Ex. 6 Personal Privacy (PP)
Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**
E-mail Address: Ex. 6 - Personal Privacy (PP)

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: Dr. First Name: Maricruz Middle Name:

Last Name: Rivera Clemente Suffix:

Title: Executive Director

Complete Address:

Street1: Ex. 6 Personal Privacy (PP)

Street2:

City: [redacted] State: Ex. 6 Personal Privacy (PP)

Zip / Postal Code: [redacted] Country: Ex. 6 Personal Privacy (PP)

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: Ex. 6 Personal Privacy (PP)

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Corporacion Pinones se Integra

* b. Employer/Taxpayer Identification Number (EIN/TIN): 660572445

* c. UEI: CQJHEYM5R3U7

d. Address:

* Street1: PR 187 km. 4.2
Street2:
* City: Loiza
County/Parish:
* State: PR: Puerto Rico
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: Ex. 6 Personal Privacy (PP)

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Dr.
* First Name: Maricruz
Middle Name:
* Last Name: Rivera Clemente
Suffix:

Title: Executive Director

Organizational Affiliation:

* Telephone Number: Ex. 6 - Personal Privacy (PP)
Fax Number:

* Email: Ex. 6 - Personal Privacy (PP)

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

1243-areas affected by project.pdf | Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Community Initiative for the Long-Lasting Conservation of the Piñones Forest

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: na

* b. Program/Project: na

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023

* b. End Date: 11/01/2025

18. Estimated Funding ($):

* a. Federal	150,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	150,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Dr. * First Name: Maricruz

Middle Name:

* Last Name: Rivera Clemente

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 - Personal Privacy (PP) Fax Number:

* Email: Ex. 6 Personal Privacy (PP)

* Signature of Authorized Representative: Maricruz Rivera Clemente * Date Signed: 04/14/2023

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

COPI EPA EJCPS

1234-COPI - EPA Grant_Workplan.pdf
application/pdf
kB1zmPXfVtpwOWwm+XCMo54VDVo=

1235-logic model.pdf
application/pdf
pfgNb4D2nTjEuWChCwHHq6JQ8UM=

1236-DRNA_Carta Copi.pdf
application/pdf
bBbaDy81tylq3KwQYpbl/q1cvRA=

1237-Support letter-COPI & LimPiaR.pdf
application/pdf
QbnhL2tp8NF3cdB0REK5Ucs8yq8=

1238-VU_support letter.docx
application/vnd.openxmlformats-officedocument.wordprocessingml.document
T3jy0Z4DLP32c3S4aGW/Js+unM0=

1239-CV MARICRUZ RIVERA CLEMENTE.pdf
application/pdf
po8I6QUauku2XgTrtmP5ugiE07Q=

1240-pay_roster_proof of full time staff under 5.pdf
application/pdf
zWJv1zt1Zs6NzQsN+qiZ8y/PsYQ=

1241-proof of 501c3.pdf
application/pdf
uEwi3Vqb6OIr1f5zHn/yhuFd8ho=

1242-detailed budget.pdf
application/pdf
2kILP3nOdObS5wgnv6fVNNofQbY=

Corporacion Pinones se Integra
PR 187 km. 4.2
Loiza
PR: Puerto Rico
00772

CQJHEYM5R3U7
Maricruz Rivera Clemente
Ex. 6 Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
Executive Director
N: No
none
none
none
N: No
Y: Yes
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Y: Yes
N: No
N: No
Y: Yes
na
na
Maricruz Rivera Clemente
Executive Director
2023-04-14

Dr.
Maricruz
Rivera Clemente

Executive Director
HC 02 Box 7631
Loiza
PR: Puerto Rico
00772
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)

Dr.
Maricruz
Rivera Clemente

Executive Director
HC 02 Box 7631
Loiza
PR: Puerto Rico
00772
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)

EX. 6 - Personal Privacy (PP)

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00772
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)

EX. 6 - Personal Privacy (PP)

Dr.
Maricruz
Rivera Clemente

Executive Director
HC 02 Box 7631
Loiza
PR: Puerto Rico
00772
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)

EX. 6 - Personal Privacy (PP)

Application
New
2023-04-14
Corporacion Pinones se Integra

Ex. 6 Personal Privacy (PP)

PR 187 km. 4.2
Loiza
PR: Puerto Rico
00772-9659
USA: UNITED STATES

Dr.
Maricruz
Rivera Clemente

Executive Director
EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
1243-areas affected by project.pdf
application/pdf

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Community Initiative for the Long-Lasting Conservation of the Piñones Forest
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na
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2025-11-01
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150000.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Dr.
Maricruz
Rivera Clemente

Executive Director
EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
Maricruz Rivera Clemente
2023-04-14

1.0

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2023-04-14T22:03:12.000-04:00
Maricruz Rivera Clemente
GRANT13862040

GOVERNMENT OF PUERTO RICO
DEPARTMENT OF NATURAL AND ENVIRONMENTAL RESOURCES

April 13, 2023

Corporación Piñones se Integra
PR 187 Km 4.2
Bo. Torrecilla Baja
Loiza, Puerto Rico 00772

Dear Maricruz Rivera-Clemente:

We are writing this letter to support the proposal entitled "Community Initiative for the Long-Lasting Conservation of the Piñones Forest." Given the agreement between COPI and the DRNA to jointly manage the Piñones Forest Natural Reserve, we would be willing to continue as consultants on technical and scientific matters related to reforestation, channel cleanup, and conservation practices (particularly those related to studying and addressing pollution). In addition, we could continue our role and mission to educate the Piñones community and the broader public to enhance conservation awareness and the use of the forest's recreational and educational facilities.

Our management officers at the DRNA station in the Piñones Forest have previously offered the same technical-scientific consulting and educational workshops we now provide to support the proposed community initiative. Furthermore, DRNA is Puerto Rico's government agency tasked with protecting, conserving, and administrating the island's natural and environmental resources; we are well-equipped as an agency to provide consulting expertise on reforestation, cleanup, and preventing pollution.

We are interested in supporting this proposal to further our mission as a government agency and continue our co-management partnership with COPI in protecting the Piñones Forest.

Sincerely,

Alberto Mercado Vargas
Deputy Secretary

ED_016126_00000837-00001

LIMPIAR

Corporación Piñones Se Integra **Ex. 6 Personal Privacy (PP)**

April 14, 2023

Dear Maricruz Rivera Clemente:

Since 2018, LimPiaR has been committed to addressing improper waste management in Puerto Rico's coastal areas. Because one of our first projects involved cleanup events and working with business owners to achieve adequate waste disposal and recycling, we are happy to support and participate in the proposed Community Initiative for the Long-Lasting Conservation of the Piñones Forest.

Because we have worked with Piñones' business owners over the last few years, we believe we could be a strategic partner in helping to incorporate their needs within a broader effort of conservation of the surrounding ecosystems. Moreover, we have developed expertise in cleanup projects and helping communities build infrastructures for waste management and recycling. We would be willing to consult with COPI, business owners, and community members on these matters.

Piñones is where we first began our initiative. We have successfully completed several projects and specifically worked with COPI. We know business owners and community members, so our interest in collaborating with COPI in this project is a great promise to be able to effectively carry out our mission. Please do not hesitate to contact us with any questions or concerns.

Sincerely,

AGT

Auraluz Guzmán Torres
Director of education and alliances

Ex. 6 Personal Privacy (PP)

HC-02 Box 7631 Loíza, PR 00772• Ex. 6 - Personal Privacy (PP) • Ex. 6 - Personal Privacy (PP)

PROFESSIONAL SUMMARY

PhD. Social Worker and Community Organizer with a background and experience in administration of NGO and governmental-public sector.

WORK HISTORY

Founder and Executive Director

Corporación Piñones Se Integra (COPI) - Loíza, Puerto Rico 08/1998 - Curren

COPI has supported and helped to strengthen the relationship between the community and government agencies, as well as the socio-economic conditions through sustainable community development.

- Design and develop the mission and vision and incorporate COPI as a non-profit organization.
- Recruit people from the community to form the first Board of Directors.
- Acquisition of a building to locate the headquarters of COPI that serves as a cultural-community center that houses the Majestad Negra International Folkloric Ballet, artisans, and cultural and ecological projects.
- Investigated and addressed community development challenges to proactively mitigate problems.
- Search for funds through the development of proposals (state, federal government, and foundations) and through artistic, cultural, sports, and recreational events.
- Development of programs and projects of community outreach in areas of culture, education, economy, and health.
- Avoid community displacement by paralyzing mega tourism projects.
- Develop economic and financial sustainability activities for COPI and the community, thereby creating the first mentoring program for the community.
- Agreement between the Department of Natural and Environmental Resources and COPI for co-management of the preservation and protection of Natural Reserve, and cleaning of lagoon channels to mitigate flood problems in the community.
- Advocate for public transportation with Metropolitan Bus Authority so that the community would have bus services for Piñones-Loíza.
- Coordinate two community meetings between Democratic Congressman Raúl Grijalva, COPI, and members of Loíza communities.

- Collaboration with the Medical Sciences Campus of the University of Puerto Rico in the Health Project for Piñones.
- Co-Founder with Dr. Marta Moreno Vega of the Corredor Afro project in collaboration with Creative Justice Initiative.
- Managed purchase of Casa Afro building.
- Coordinate international presentations of Majestad Negra to represent Puerto Rico in Africa, Cuba, Ecuador and the United States.

Advisor to the Governor

Government of Puerto Rico - San Juan, PR 02/2013 - 06/2015

Advise the Governor of Puerto Rico, Redacted, on government and public policy issues.

- Administer the Governor's Office of Citizen Services.
- Member of the Evaluation Commission of the Administration and Operation of the Luis Muñoz Marín International Airport.
- Articulate the National Plan for the Prevention of Child Abuse 2014-2024 of the Department of Housing and the Public Housing Administration.
- Worked flexible hours; night, weekend, and holiday shifts.
- Used Microsoft Word and other software tools to create documents and other communications.
- Developed team communications and information for meetings.
- Used critical thinking to break down problems, evaluate solutions and make decisions.
- Identified issues, analyzed information, and provided solutions to problems.

Professor of Social Work and Social Sciences

Ana G. Méndez University - Puerto Rico 01/2005 - 03/2013

- Offer courses related to social sciences in the university institutions of the Ana G. Mendez system. (UMET, UNE and Turabo).
- Maintained excellent attendance record, consistently arriving to work on time.
- Drafted examination papers and evaluated students' assignments and classwork.
- Maintained records of students' progress.
- Assisted in curriculum revision and academic planning activities.
- Addressed teaching and research issues.
- Coordinate the internships of the students of the Social Work program.

Supervising Bilingual Counselor

YWCA - Rochester, New York 01/1996 - 07/1998

- Resolved conflicts and negotiated mutually beneficial agreements between parties.
- Participated in continuous improvement by generating suggestions, engaging in problem-solving activities to support teamwork.
- Manage the Women's Resource Center.
- Establish alliances with governmental and private institutions to reach resources for the participants.
- Supervise program counselors, volunteer staff, and participants in the Department of Social Services job training program.

EDUCATION

PhD: Graduate School of Social Work Beatriz Lassalle

University of Puerto Rico - Puerto Rico 07/2022

- **Dissertation:** *Autoethnography of a Maroon on Rhythm of Social Work: Memories and Experiences of Racism, Cultural Resistance, and Public Policy in the Afro-Descendant Community of Piñones.*

Master in Social Work

University of Puerto Rico - Puerto Rico 05/2004

- **Thesis:** *Cultural Context in the Design, Development and Administration of Social Programs.*

Bachelor of Arts in Sociology

Interamerican University - Puerto Rico 05/1993

- **Graduated** Magna Cum Laude

ACCOMPLISHMENTS

- **2023:** Keynote Speaker for Psychology Association of Puerto Rico Annual Event
- **2023:** Special Guest - Afro-descendent International Summit-UPRRP
- **2018:** Anti-racist Activist by Malik Foundation.
- **2014:** Woman with Image by IMAGEN magazine.
- **2010:** Environmental Quality Award by the EPA.
- **2010:** Silhoutte: Celebrating Black Women and Freedom, by the Institute of Puerto Rican Culture and the Paso Negro Foundation.
- **2006:** International Day of Working Women by the Brotherhood of Exempt Non-Teaching Employees of the University of Puerto Rico.

- **2001:** International Working Women's Day by the House of Representatives of Puerto Rico.

INTERNATIONAL WORK:

Participation in conferences in: US, Dominican Republic, Haiti, Argentina, Spain, Martinique, Cuba and Switzerland.

United States: New Orleans, New York, Chicago, Boston and Florida.

- **2022:** United Nations First Afro-descendants Permanent Forum; Geneva.
- **2016:** Signing of a collaboration agreement between COPI and the Union of Artists and Writers of Cuba (UNEAC).
- **2008:** Women of Power; NY, Boston, Chicago and New Orleans.
- **2006:** Knowing Community-Based Organizations that work for Dominican-Haitian Citizenship Rights.
- **2006:** Caribbean Social Forum; Martinique.
- **2005:** Status of Black Communities in America; Argentina.
- **2003:** Zero Evictions Dialogue, Dominican Republic

PUBLICATIONS:

- **2023:** *Vejigante come coco y enseña sobre seguridad alimentaria/* children's book
- **2021:** *Memories from Piñones: Unapologetically Blackly Beautiful Women/* academic article
- **2019:** *Cultural resistance in the face of adversity/* article
- **2001:** Queremos hablar con nuestra propia voz/ article

VANDERBILT
College of Arts *and* Science

Department of Anthropology

Corporación Piñones Se Integra
Ex. 6 Personal Privacy (PP)

April 6, 2023

Dear Dr. Maricruz Rivera Clemente:

It is with great pleasure that I write to support a partnership with the Corporacíon Piñones se Integra (COPI) as part of their application to secure EPA funding for the project entitled *Community Initiative for the Long-Lasting Conservation of the Piñones Forest*. I have been working with COPI since 2016 on several community-based initiatives, including some ethnographic work on their ongoing mangrove cleanup and reforestation. I have also acted as a coordinator for Vanderbilt students, both in the social and biological sciences, who want to work in the community.

Vanderbilt's role in this project is twofold. First, COPI has asked me to lead the documentation of their mangrove project to assess best practices and areas of improvement. In addition, I have secured funding from the Wenner-Gren Foundation to carry out ethnographic work and community surveys to better understand what the community needs relative to conservation and to gauge their investment in conservation projects. This research will be conducted during the summer of 2023, and findings will be shared with COPI and the community in order to support the objectives of their proposal. Second, I will coordinate for Vanderbilt faculty and students to volunteer to train and work with COPI's staff in (1) best monitoring practices for channel cleanup and reforestation and (2) simple and effective ways to take measurements for pollution and identify polluting sources.

Our interest in working with COPI is that we strongly believe that community-based research should be at the service of the community (and not having the community be at the service of researchers). Furthermore, as an institution of higher learning, we believe that it is our responsibility to document and showcase through our scholarship how marginalized communities are working to fight the consequences of climate change.

Sincerely,

Dr. Gabriel A. Torres Colón

Assistant Professor, Department of Anthropology
Assistant Director, American Studies Program
Vanderbilt University
[HYPERLINK Ex. 6 - Personal Privacy (PP)
(c) Ex. 6 - Personal Privacy (PP)

PMB 356050
2301 Vanderbilt Place
Nashville, Tennessee 37235-6050
T Ex. 6 Personal Privacy (PP)
F Ex. 6 - Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: MAY 10 2018

CORPORACION PINONES SE INTEGRA
C/O COPI
HC-01 BOX 7631
LOIZA, PR 00772-9743

Employer Identification Number:
66-0572445
DLN:
17053324335037
Contact Person:
MARIA S TRITCH ID# Ex. 6 Personal Privacy (PP)
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)
Accounting period ending:
June 30
Public charity status:
170(b)(1)(A)(vi)
Form 990/990-EZ/990-N required:
Yes
Effective date of exemption:
November 15, 2016
Addendum applies:
Yes

Dear Applicant:

We're pleased to tell you we determined you're exempt from federal income tax under Internal Revenue Code (IRC) Section 501(c)(3). This letter could help resolve questions on your exempt status. Please keep it for your records.

Organizations exempt under IRC Section 501(c)(3) are further classified as either public charities or private foundations. We determined you're a public charity under the IRC Section listed at the top of this letter.

You're treated as a U.S. domestic organization for purposes of IRC Sections 507-509 and Chapter 42, and thus are subject to these provisions.

You can receive contributions deductible by U.S. citizens and residents for U.S. income tax purposes under IRC Section 170.

You can receive transfers deductible by U.S. citizens and residents for U.S. estate and gift tax purposes to the extent allowable under IRC Sections 2055 and 2522.

If we indicated at the top of this letter that you're required to file Form 990/990-EZ/990-N, our records show you're required to file an annual information return (Form 990 or Form 990-EZ). If you don't normally have more than $50,000 in annual gross receipts from sources within the U.S., and you don't engage in significant activity in the U.S. (other than investment activity), you may submit the Form 990-N, e-Postcard, annually instead of Form 990 or 990-EZ. If you don't file a required return or notice for three consecutive years, your exempt status will automatically be revoked. For more information on filing requirements, see Revenue Procedure 2011-15, 2011-3 I.R.B. 322.

ED_016126_00000843-00001

CORPORACION PINONES SE INTEGRA

You're subject to unrelated business income tax under IRC Section 511 on your unrelated business taxable income derived from sources within the U.S. or effectively connected with the conduct of a trade or business within the U.S. (whether or not such income is derived from sources within the U.S.). For purposes of these rules, the "U.S." includes only the fify states and the District of Columbia. See Publication 598, Tax on Unrelated Business Income of Exempt Organizations, for more information.

If you have employees in the U.S. (whether they are U.S. residents or not) you may be liable for federal employment taxes, including the withholding of tax. See Publication 15, (Circular E), Employer's Tax Guide, and Publication 515, Withholding of Tax on Nonresident Aliens and Foreign Entities, for more information.

For important information about your responsibilities as a tax-exempt organization, go to www.irs.gov/charities and search "4221-PC" to view Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, for information on your recordkeeping, reporting, and disclosure requirements as a public charity.

Based on the information you submitted with your application, we approved your request for reinstatement under Revenue Procedure 2014-11. Your effective date of exemption, as listed at the top of this letter, is retroactive to your date of revocation.

If we indicated at the top of this letter that an addendum applies, the enclosed addendum is an integral part of this letter.

Sincerely,

Stephen A. Martin

Director, Exempt Organizations
Rulings and Agreements

Project Summary Page

Title:
Community Initiative for the Long-Lasting Conservation of the Piñones Mangrove Forest

Project Location:
Piñones Sector and Piñones State Forest, Loíza, Puerto Rico, 00772

Applicant Information:
Corporación Piñones se Integra (COPI)
Maricruz Rivera Clemente, Executive Director
Ex. 6 Personal Privacy (PP) (physical address)
HC 02 Box 7631 Loíza PR 00772 (mailing address)
Ex. 6 - Personal Privacy (PP)

Brief Description of Applicant Organization:
COPI's mission is to transform community through culture, development, and conservation. COPI's efforts have resulted in increased access to public transportation, improved drinking water, housing security, and the development of tourism. Since 2020, the Flood Mitigation and Canal Cleaning Project has achieved the partial ecological restoration of canals and lagoons; as a result, community flooding after storms has decreased. Around 5,000 red mangrove saplings have been planted and 2,500 have been dispersed white mangrove seeds on slopes and banks of canals and lagoons. COPI currently has a mangrove nursery with 3,000 red, black, and white mangrove saplings.

Are you applying for the Small CBO Set Aside Track for $150,000 projects?:
YES

Project Abstract:
This project has five key objectives: ecological restoration, reforestation, monitoring, and education. We have begun working on achieving these objectives; however, funding and expanded community involvement are crucial to ensure long-lasting conservation. Ecological restoration consists of cleaning and removal of vegetative debris in the mangrove channels, lagoons, and forest areas. The natural growth of the red mangrove closes the channels that connect the lagoons, so it is necessary to keep them open so that the waters, fish, and organisms flow and interconnect. In addition, the strong winds of storms and hurricanes knock down trees and branches that obstruct the channels, causing the stagnation of the waters and consequently their sedimentation, as well as causing flooding in the Piñones sector. The cleaning of the channels and lagoons allows the natural flow of water and the natural restoration of the existing vegetation and biodiversity in the various ecosystems. Deforestation caused by the onslaught of storms and hurricanes, the indiscriminate felling of trees, and the filling of the wetland with construction waste are accelerating the loss of mangroves. COPI has developed a nursery that has produced more than 5,000 specimens for reforestation in future efforts. With help from our community partners, monitoring will involve field visits, observation, taking

photographs, notes in the log, measuring the size of the plants, and water sampling. Moreover, we aim to add pollution monitoring to this project. Finally, we aim to educate community members and business owners, visitors, and the public about the importance of conservation.

Project Types:
cleanup, reforestation, monitoring, education

Special Considerations:
Climate Change/Disaster Resiliency, Rural Areas

Environmental Issues:
Water, waste, land (flooding/pollution), and air (because of deforestation)

List of Project Partners:

1. Vanderbilt University
2. (Government of Puerto Rico's) Department of Natural and Environmental Resources (DRNA in Spanish)
3. LimPiaR

Will you need to develop a QAPP for your project?
Possibly, but COPI does not currently have the capacity/staff to develop such a plan and could have to rely on EPA guidance and Vanderbilt University partners to develop a QAPP before project implementation.

Community Initiative for the Long-Lasting Conservation of the Piñones Mangrove Forest

Describe and characterize the underserved community directly impacted by disproportionate environmental and/or public health harms and risks and describe how the community is impacted by those harms and risks

Nestled in the northeastern coastline of Puerto Rico and within one of the largest mangrove forests in the Caribbean, most of the people of Piñones, *piñoneros*, are descendants of both formerly enslaved and self-liberated African peoples. With an estimated population of 2,296, with 81% identifying solely as Black in the 2010 US Census, Piñones—a subsector of the municipality of Loíza—is both a rural and impoverished area adjacent to the San Juan metropolitan area. Piñones was the last sector in the greater San Juan area to receive drinking water, public transportation, and housing security.

The Piñones sector can be generally divided into four areas with different uses: first, the beach is a popular recreational area for tourists and locals; second, along the road that usually runs from 100-200 feet from the ocean, there are many restaurants and bars (most operated by small business owners that do not live in Piñones); third, behind the road and businesses, there are main neighborhoods (and a few smaller ones) that are home to the 2,296 residents; fourth, these neighborhoods are nestled in the mangrove forest and its lagoons.

The Piñones Forest, which is protected as a wetland and part of the greater San Juan Estuary, has an impressive biodiversity—including being home to protected species such as the “tinglar” (Dermochelys coriacea) and the manatee (Trichechus manatus). However, Piñones faces many threats from climate change and human threats to the environment. With an increase in storms and an increase in the strength of storms, the community has increasingly felt the effects of these threats.

Because in the 1950s the government of Puerto Rico removed the sand dunes along the Piñones coastline, flooding is a threat from the coast. Meanwhile, the eradication of drainage pathways for the mangrove forests has meant that storm surges flood the mangrove channels and lagoons to the point that these waters flood the communities from within the forest. In addition, we estimate that the forest has been reduced in size by 25% as building—legal and illegal—results in the cutting of trees.

Upstream pollution and rising water temperatures will be challenges for piñoneros for generations to come since a call for coordinated efforts and resources from the Puerto

Rican government has been ignored for generations. However, we also face pollution from local sources that include trash from some residents, trash from tourists, and inadequate disposal of restaurant waste and cooking oils.

Additional threats include inappropriate water drainage in residents' neighborhoods, invasive flora species (Spartina alterniflora), antelopes that eat mangrove leaves, excessive traffic from visitors on the weekends and holidays, displacement of residents from developers looking to build new hotels, and noise pollution from the airplanes that take-off right over the people of Piñones.

What are the environmental/public health issue(s) that the project seeks to address?

With this project, we wish to *not have our community drown* and be at the mercy of the next major storm to hit Puerto Rico and to have *a forest free of pollution* for our children and grandchildren. Therefore, we would like to achieve the long-term conservation of the mangrove forest by continuing our work to clean up mangrove channels and reforestation, but also by working with all stakeholders in our community to increase participation and interest. In turn, increased participation and interest will allow for the establishment of organizational and infrastructural mechanisms in the future.

What are the environmental/public health results the project seeks to achieve and how will the underserved community benefit from those results?

The reduction or elimination of floods will allow a community with high rates of poverty and lower-class workers to not lose their ancestral homes as a result of climate change and environmental decay.

A cleaner and healthy forest, coupled with a reduction in floods, will allow the underserved community to enjoy adequately enjoy some of the greatest natural resources that Puerto Rico has to offer. There are two dimensions of this benefit for residents. First, psychologically, the forest is their ancestral homeland, and pride in the community stewardship of the project is important for raising community morale and being willing to invest themselves in future conservation efforts. Second, an increase in green space will lead to cleaner air and the use of the forest for exercise and recreation.

Meanwhile, the improvement of Piñones as a green area has the potential to increase how business owners can grow their businesses relative to eco-tourism. Residents have also shown interest in small eco-tourism-related startups (indeed, COPI has led the way in this movement by renting kayaks and bicycles to generate income for their

organization).

Additional details about how the project addresses Rural Areas, Climate, and Disaster Resiliency

Although Piñones is close to the San Juan metropolitan area, it was historically marginalized from the urban development that Puerto Rico experienced during the second half of the 20th Century. In fact, Piñones was disconnected from San Juan for many of those decades because the channel that connects the sea with the mangrove lagoon had no bridge. The rural nature of Piñones, combined with racism towards piñoneros, were factors in the underdevelopment of the community as the airport was built with the community's dunes and without consultation of how airplanes taking off could affect the community's development. In addition, housing in Piñones has always been "irregular" in the eyes of the state (i.e., piñoneros have been treated as squatters) even though families trace their ancestry to the maroons that took refuge in the forest. As a result, Piñones neighborhoods have remained with low density and only a handful of families.

This historical marginalization of Piñones has made it more vulnerable to disasters as a result of climate change. More and stronger storms are making climate resiliency an urgent necessity in our community.

History of your organization's involvement with the underserved community

COPI has been the most well-organized and socially active organization in Piñones since it was formed in 1999. Founded by piñonera Maricruz Rivera Clemente, COPI is an organization formed by piñoneros for piñoneros. Over the years, many people from Piñones have been involved with one or several of COPI's community initiatives.

COPI has been committed to finding alternatives to the existing social problems that deteriorate Piñones in order to improve the quality of life of residents, families, and visitors. COPI led campaigns to improve the quality of drinking water, extend the public bus lines to Piñones so residents could go to work, participate in public health outreach campaigns, and provide food and water relief after the passing of recent hurricanes. COPI also led a well document (in local and some international press) effort to halt a mega hotel development in the part of Piñones called Costa Serena.

Currently, COPI is focused on strengthening the community of Piñones through numerous sustainable development initiatives, recognizing the peculiarities and necessities of community residents and its business community. COPI tries to promote

an authentic process of community participation, empowerment, and mobilization through social improvement actions and micro-enterprise development.

COPI is also highly invested in anti-racism through the promotion and offereing of cultural activities. COPI offers different cultural and eco touristic services: Bomba workshops and classes, Afro-Puertorican Music Shows (Bomba y Plena), micro-enterprises like CicloNatura bike rentals and AcuaNatura kayaks rentals, tours through the mangrove forest, and other services. Finally, the International Folkloric Ballet Majestad Negra (officially recognized as an artist of the Puerto Rican Culture Institute) regularly performs around the island and the world. The message communicated through their music often incorporates lessons about conservation and community advocacy.

How has the organization worked with the underserved community's residents and/or organizations to address local environmental and public health issues currently or in the past and what are some of the results of that work?

As mentioned above, this project seeks funds to continue efforts that we have already begun (but are in need of funding to achieve long-term conservation). Previous clean-up and reforestation work has led to the following results:

- Opening of the Torrecilla and Clemente Mangrove Channels

On July 2, 2020, the cleaning, unhooking, and removal of trees and branches that had been felled by the strong winds of hurricanes Irma and María began. During the first week of work, the plug was removed between the Piñones Lagoon and the Torrecilla Canal. Vegetative material was removed from an area of approximately 50 linear feet (15.24 meters). By July 23, the cleanup of 656 linear feet (200 meters) had been achieved. In the most recent field study, August 12, 2020, the cleaning of a little more than 400 meters had already been completed. With the cleaning of the Torrecilla Canal, the need to open and clean other canals and bodies of water that connect to it has been identified. A group of workers continues to clean the Torrecilla Canal and another group has begun cleaning the Laguna Las Marías and related pipes to mitigate flooding in other areas surrounding this lagoon. This is a complex lagoon system and its interconnection makes it necessary to work considering other bodies of water belonging to the ecosystem.

The opening of the Clemente Canal was successfully achieved with work carried out from mid-August 2020 to mid-March 2021. The channel was heavily clogged, mostly by debris left by hurricanes Irma and María. After cleaning, the first exploratory trip was

carried out on March 22, 2021, with a group of collaborators.

- Water Flow

After channel cleanup began, the currents and the flow of water were observed in rapid movement from east to west. The fluidity of the water and the change in its composition are perceived, now less muddy and cloudy. The biologists of the project (Herminio Díaz-DRNA and Israel Díaz-COPI) state the following: "Before starting the Flood Mitigation and Canal Cleaning Project, little water and air circulation was observed in the lagoon, and this is associated with the pestilence or bad odors and the mortality of fish. The latter is related to hypoxia or loss of oxygen and the absence of fish-eating birds such as pelicans, sea eagles and others. As a result of the Cleanup Project, turbidity as an indicator of the cleanliness of tidal and rain waters has improved from 4 inches of light in the water column to 2.5 to 3 feet (one meter) of light in the water column. Change in watercolor has also been observed. It was dark brown before the start of the cleanup and changed to a pastel brown once the project started. Foul smells have decreased (on a scale of 1 to 10 where higher number has a worse smell) before cleanup it was a value of 8 and currently (August 2020) the level on the odor scale is 3. This finding indicates significant changes to the ecosystem."

In the Clemente Channel, the restoration works demonstrate the remarkable flow of water with the change of the tide, this helps the exchange of nutrients and prevents their accumulation. No human contamination, such as oils, were observed (since it is being washed away), nor did we observe used water discharges (except for some plastic bottles). Depths range from 0.5m to 1.5m. There is no marked presence of bad odors such as hydrogen sulfide (H2S) or ammonia (NH3); there is the presence of both anoxic conditions and the entry of oxygen-rich waters. It is important to maintain the flow of water in the canal and avoid anoxic conditions that encourage methane production. In turn, it allows the entry of fauna such as fish, mollusks, and crustaceans for reproduction, protection from predators, juvenile development area, and hunting. It was possible to appreciate not only the diversity of species but also their numbers, such as the violinist crab (Uca spp) and the woodcreeper (Aratus pisonii); while the tide rises, a large number of woodcreepers can be seen towards the canopy of the red mangrove (Rhizophora mangle) on the edges of the Clemente Channel; while the fiddler crab present in large numbers hide in the background. In addition, a specimen of Puerto Rican boa (Epicrates inornatus) was observed very close to the exit of the Clemente Canal to the Torrecilla Lagoon.

- Ecosystem Restoration

In this flood mitigation and channel-cleaning project through pruning, loosening, and extraction of vegetative material in the Torrecilla Canal, significant changes have been observed in field studies and in relation to the ecosystem. The biologists, Herminio Díaz and Israel Díaz, associated with our project at the time pointed out the following findings: "Until July 23, 2020, in field study evaluations conducted in the early morning hours and at noon of each workday, it was found that light manages to enter between 1 foot to three feet. With the cleaning of the canal, an average of 1 meter of light in the water column is achieved. Turbidity is measured by the entry of light into the water column. Prior to channel cleaning, only 2 to 4 inches were recorded in the water column. Another way to measure the results of ecosystem restoration is through population research fishing. This method consists of doing initial fishing in a boat run with lures for fish predators. Schools rich in grazing fish and breeding stages are needed for large fish to thrive." With the assistance of Mr. Israel Diaz, a consulting scientist and member of COPI, experimental fishing began. The fish that were caught were identified, measured, and weighed. The gills were observed to see the health of the fish and when these are red it means that the animal is oxygenating well.

In the Clemente Canal, the zone extends from Laguna Las Marías to Laguna Torrecilla; the presence of red mangrove (Rhizophora mangle) and white mangrove (Lacuncularia racemosa) on the edges of the channel is notable. The red mangrove is understood to live in the water directly and the white mangrove generally follows in succession as we go inland. There is a presence of black mangroves further away from the Paseo Tablado where we use the kayaks to enter the canal. There the concentrations of salt must be higher due to the evaporation of water. There is also a presence of button mangrove (Conocarpus erectus) near the residence where we left to work. The roots of the red mangrove, in addition to giving protection to the fauna of the place, filter the water, reduce erosion, and avoid strong tides. Red mangrove seedlings are observed on the slopes of the canal.

- Flood Mitigation

Another significant effect of this mitigation project through the cleaning (pruning, unhooking, and extraction) of the Torrecilla Canal has been the reduction of flood events. It is corroborated in the most recent atmospheric event that neither the community of Piñones nor the properties near the Laguna Piñones suffered flooding. Storm Isaías posed for Puerto Rico at dawn on July 30, 2020, leaving heavy rains and associated disasters (floods, landslides, and others). In the field study conducted on July 30, 2020, at 12:00 noon, it was observed that the community did not present flooding as in other similar atmospheric events that occurred in previous years (storm

Janet in 2004). In the Clemente Canal works, after they were completed, a decrease in flood events has been observed after rain events.

Community Driven Participation

COPI is composed of members from the community of Piñones and the greater township of Loiza. The people who have so far worked in our projects are all from the community; therefore, all of our ideas for this project come directly from the community through COPI. Our community partners at DRNA gauged the effects of our projects by surveying community members (see the section directly above), and their feedback has been invaluable in how we have evolved in our conservation mission. Moreover, COPI always reaches out to the community first for work and volunteer opportunities, so community-driven participation in this project is guaranteed.

Which of the seven elements of the EJCPS Model will be undertaken for this project? Also, describe which EJCPS Model element(s) associated with this project may have already begun or been accomplished

Because we have already begun work on this project, element 1 of the EJCPS Model has been partially achieved. We will need to work with LimPiaR, one of our project partners to vision and strategic goal-setting that is inclusive of business owners. This situation with business owners also applies to elements 2 and 3 since we wish to incorporate business leadership into leadership development. It is important to mention that we have, in fact, worked with business leaders before, but they had a small association, and their leader has been hospitalized for a few months. The components of our project that involve residents, cleanup, and reforestation have already begun with previous projects; however, the question of long-term conservation will have to be revisited in conversations with all stakeholders.

Element 4 will be undertaken with this project. Part of the problem with our previous conservation work is that we took on a lot of the work through COPI. Although we believe that our undertaking is evidence of our capacity to carry out the proposed projects, long-term conservation will require collaboration our project partners. For example, monitoring could be more effective and robust if undertaken by our Vanderbilt Partners. Similarly, in order to advocate for long-term advocacy, we need the DRNA to leverage its resources as a government agency.
Elements 4 and 5, will be addressed by this project since cleanup and reforestation are works that can easily be undone with severe atmospheric events. Therefore, we need our community partners to be fully involved along the way as we build more effective future management practices and we evaluate and formulate best practices for future

generations.

How the project supports EPA Strategic Plan Goal 2

Although this is a humble community-based project, we believe that we live in times when we can no longer rely on solutions to climate change from high above the government. With this project, we are both practicing conservation to mitigate climate change and demonstrating how environmental justice and civil rights can be achieved through the empowerment of community organizations representing minorities that have been historically the target of discrimination and social exclusion.

Partners Involved

All three partners will bring their own resources to our collaborations, and they will not receive sub-awards from this project.

(1) Vanderbilt University: VU researcher will utilize qualitative research to document the conservation work in the mangrove. This documentation will then be important for assessing best practices and areas for improvement. VU will also carry out qualitative and quantitative research in the community, business owners, and government stakeholders in and outside the community to evaluate how to increase partnerships and collaborations to achieve long-term conservation. VU will also coordinate their faculty and students to volunteer their time and educate COPI's staff in monitoring practices (particularly of reforestation), measuring pollution, and identifying polluting sources.

(2) Department of Natural and Environmental Resources (DRNA): COPI and the DRNA have a signed agreement to jointly manage the Piñones Forest Natural Reserve. DRNA will be continuing its role as a consultant in technical, scientific, and educational matters as they relate to this project. Historically, the DRNA station in the Piñones Forest has not always been involved in community conservation efforts. This is partly due to what we understand are the station's limited resources but also because there has not been a concerted effort to grow our partnership beyond the signed agreement. Beyond the station in the Piñones Forest, the DRNA, as a state agency, is tasked with protecting, conserving, and administrating the island's natural and environmental resources; our partnership with DRNA will serve to properly identify environmental problem and specify which resources the DRNA can contribute to fix those problems.

(3) LimPiaR: Because the business owners in Piñones are currently lacking a working organization and leadership to represent their needs, it is crucial that LimPiaR serves as

a community partner to mediate any conflicts between conservation practices, addressing pollution emanating from businesses and their visitors, and working towards viable solutions. LimPiaR already has experience with creating and implementing recycling plans in Piñones, but more work needs to be done. Furthermore, LimPiaR carries out their own cleanup efforts in Piñones and other parts of the island, so they could benefit from the organizational resources of COPI and consulting from VU and the DRNA.

Project Activities and Milestone Schedule

In attending to elements 1-3 of the EJCPS Model, COPI will organize a series of meetings over a three-month period to reevaluate the community's vision of conservation. These meetings will be led by members of LimPeaR since they are from outside the community and have a good working history with COPI and business owners. In addition, consultation with VU researchers and the DRNA will be necessary to educate and train COPI staff on best monitoring practices. Also, it will be important to determine which monitoring practices will be taken up by VU researchers and DRNA.

Of course, the elements of cleanup and reforestation will be undertaken from the first day of this project. This project will take place over two years. Although we are aware that some of the clean-up and reforestation workplan might change after the first set of meetings with partners, these conservation efforts cannot stop given the grave threat of climate change and flooding disasters for Piñones. Again, one of the main objectives of this project is for our partners to help us grow, refine, and achieve long-term conservation with the work that we already have in place. Clean-up and reforestation project activities are as follows and will be completed over two years:

1. Continue with the maintenance and cleaning of the channels, edge of the lagoons, and forest areas. Cut vegetation and remove garbage to avoid reducing the flow of water in the lagoons and runoff in rainy events.
2. Plant 24,000 red mangrove and black mangrove trees in forest zones of approximately 20,000 m2 which is within a total deforested area of 2040,000 m2. These zones are primarily located to the northeast of the Piñones sector between Highway 187 to the north and the Piñones lagoon to the south. Planting is urgently needed in this area to mitigate possible storm surges and prevent soil erosion.
3. Expand the nursery with the planting of 24,000 mangrove trees (with the four varieties found in Piñones: "red," "black," "white," and "button"), 300 beach grape bushes and 300 icaco bushes to reinforce the buffer zone.
4. Systematically monitor the water quality in canals and lagoons and in reforested areas of the forest through field visits, water tests, mortality, and survival of planted

plants. We realize that this part of the work plan will have to be developed in consultation with VU and the DRNA.

Before the start of the second year of the project, COPI will meet with partners to assess progress, evaluate the quality of collaboration, and identify areas for improvement. In addition, we plan to tackle questions of pollution in the second year since we anticipate that this is the area where there is greater potential for conflict; therefore, we would like to have one year of a working relationship with all partners before elaborating solutions for pollution.

Performance Measurement Plan Sustainability Plan and Community Vision

Regarding clean-up and reforestation, we will measure our performance by the number of mangrove trees planted and the total area of mangrove regrowth (in accordance with the numbers presented in the section above).

The question of increased community cooperation to address long-term conservation will be at first measured by the quality and practicality of the working plans agreements that result from the meetings at the beginning and halfway through the project. Projecting what will be measured beyond those agreed collaborations is difficult at this point, but we would like to measure (1) the number of business owners that participate in conservation efforts, (2) the quality and quantity of scientific data that result from monitoring collaborations, (3) the number and quality of policy plan proposals that result at the end of the project—particularly those policy plans proposals that DRNA can use to advocate for more government resources.

Sustainability Plan and Community Vision

Above, we have detailed the results of our work of cleaning up and reforestation up until the present. Specifically, we addressed the opening of the Torrecilla and Clemente Mangrove Channels, water flow, ecosystem restoration, and flood mitigation. (Please consult those detailed results in evaluating COPI in this criterion.)

The community has a vested interest in this project because it is a known solution to preventing catastrophic human and material loss after major storms; furthermore, business owners have an interest in not conducting business in an area experiencing disasters and being able to harness increased green spaces for the purposes of eco-tourism.

Finally, our community-based initiative thus far and our prosed work for this project can serve as a model for governments to empower communities to confront the consequences of climate change more effectively. Also, as a historically marginalized community, Piñones can show the world that tackling climate change can be both a problem for humanity and for the preservation of culture in communities.

Organizational Experience

Because we are such a small organization, the experience that we have had in environmental projects is one and the same with all our past and current staff, including Maricruz Rivera Clemente, our executive director. COPI often has one or fewer full-time employees, so there is not much division of labor. Nevertheless and to clarify how our small organization operates, we want to explain that our "executive director" acts as director and all other administrative roles because everyone else is doing service work.

Staff Experience / Qualifications of Project Manager (PM)

In continuing to clarify how our small staff works, the project manager for this project will also be Maricruz Rivera Clemente, particularly since she is the one with the most administrative experience (and the only one available) to maintain a continuous dialogue with partners and the EPA. Also, see above for Maricruz's long-time involvement with COPI, as founder and current director (she is also from Piñones)

However, what we might call the "field manager" is Marcos Peñalosa Pico, who is a part-time employee of COPI. He is the one who has been with leading the difficult work in the mangrove, coming up with innovative planting techniques, and designing/implementing monitoring of reforestation. Marcos and his part-time staff usually work no more than 4 hours in the morning since the work is too difficult to carry out thorough the day. All of the staff that he oversees has also been involved in our conservation projects up to this point. In addition, during the initial channel cleanup phase to mitigate flooding, there were up to 10 part-time workers. All of the current and former staff were hired from the community with the purpose of increasing how residents see themselves invested in our projects.

Expenditure of Awarded Grant Funds and Past Performance

As mentioned above, we have a very small staff, so our executive director accounts for our expenditures. In the last three years, COPI has received funding from the Hispanic Federation and Banco Popular. For both organizations, COPI has submitted final

executive reports that the granting agencies approved. Still, we would be happy to receive guidance from the EPA on these matters.

Quality Assurance Project Plan

For our proposed monitoring objectives, we will likely need to develop a QAPP. However, we do not have the necessary expertise at COPI to formulate such a plan. We hope that, in collaboration with the DRNA, VU researchers, and the EPA, we are able to develop a QAPP if necessary.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Ms. First Name: Lynne Middle Name:
Last Name: Applebaum Suffix:
Title: Director of Institutional Relations
Complete Address:
Street1: P.O. Box 300
Street2:
City: New Vernon State: NJ: New Jersey
Zip / Postal Code: 07976 Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**
E-mail Address: lapplebaum@greatswamp.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: Ms. First Name: Sally Middle Name:
Last Name: Rubin Suffix:
Title: Executive Director
Complete Address:
Street1: P.O. Box 300
Street2:
City: New Vernon State: NJ: New Jersey
Zip / Postal Code: 07976 Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**
E-mail Address: srubin@greatswamp.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: Ms. First Name: Lynne Middle Name:
Last Name: Applebaum Suffix:
Title: Director of Institutional Relations
Complete Address:
Street1: P.O. Box 300
Street2:
City: New Vernon State: NJ: New Jersey
Zip / Postal Code: 07976 Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**
E-mail Address: lapplebaum@greatswamp.org

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** Ms. **First Name:** Sally **Middle Name:**

Last Name: Rubin **Suffix:**

Title: Executive Director

Complete Address:

Street1: P.O. Box 300

Street2:

City: New Vernon **State:** NJ: New Jersey

Zip / Postal Code: 07976 **Country:** USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: srubin@greatswamp.org

EPA Form 5700-54 (Rev 4-02)

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Great Swamp Watershed Association

Address: P.O. Box 300

City: New Vernon

State: NJ: New Jersey Zip Code: 07976

B. Unique Entity Identifier (UEI): YBZWKKZ4KMD1

C. Applicant/Recipient Point of Contact

Name: Lynne Applebaum

Phone: Ex. 6 Personal Privacy (PP)

Email: lapplebaum@greatswamp.org

Title: Director of Institutional Relations

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII.	**Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)**	☒ Yes	☐ No
	a. Do the methods of notice accommodate those with impaired vision or hearing?	☐ Yes	☒ No
	b. Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?	☒ Yes	☐ No
	c. Does the notice identify a designated civil rights coordinator?	☐ Yes	☒ No
VIII.	**Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))**	☐ Yes	☒ No
IX.	**Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))**	☐ Yes	☒ No

X. If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.

XI. If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Lynne Applebaum	Director of Institutional Relations	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier: YBZWKKZ4MD1

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Great Swamp Watershed Association

* b. Employer/Taxpayer Identification Number (EIN/TIN): 22-2403906

* c. UEI: YBZWKKZ4KMD1

d. Address:

* Street1: P.O. Box 300
Street2:
* City: New Vernon
County/Parish: Morris
* State: NJ: New Jersey
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 079760300

e. Organizational Unit:

Department Name: Education

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Lynne
Middle Name:
* Last Name: Applebaum
Suffix:

Title: Director of Institutional Relations

Organizational Affiliation: Employee

* Telephone Number: Ex. 6 Personal Privacy (PP)
Fax Number:

* Email: lapplebaum@greatswamp.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

1249-Paterson NJ -EJ Screen Report.pdf | Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Developing a Youth Advocacy Corps to Identify and Implement Environmental Justice Solutions

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: NJ-011 * b. Program/Project: NJ-009

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/02/2023 * b. End Date: 10/01/2026

18. Estimated Funding ($):

* a. Federal	491,313.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	491,313.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Ms. * First Name: Lynne

Middle Name:

* Last Name: Applebaum

Suffix:

* Title: Director of Institutional Relations

* Telephone Number: Ex. 6 Personal Privacy (PP) Fax Number:

* Email: lapplebaum@greatswamp.org

* Signature of Authorized Representative: Lynne Applebaum * Date Signed: 04/14/2023

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Great Swamp Watershed Association

Great Swamp Watershed Association
P.O. Box 300
New Vernon
NJ: New Jersey
07976

YBZWKKZ4KMD1
Lynne Applebaum
Ex. 6 Personal Privacy (PP)
lapplebaum@greatswamp.org
Director of Institutional Relations
N: No
N: No
Y: Yes
N: No
Y: Yes
N: No
N: No
N: No
Lynne Applebaum
Director of Institutional Relations
2023-04-14

1234-Great Swamp Watershed Association EJCPS Budget Detail .pdf
application/pdf
xNr35KlhS9foDN/eJo0YgKe7Cf8=

1235-Letter of Commitment BGCPP.pdf

application/pdf
jOXIGzf40nJCIlZASTpgQMVeP1o=

1236-Letter_of_Committment_TNC_Signed (002).pdf
application/pdf
ns5+NcSLVXpabsYAbjLvabqNJCs=

1237-Letter of Commitment Rutgers.pdf
application/pdf
6UcHOGVDyf2OZM+CWMSh8hp8bWY=

1238-Letter of resource commitment-NJIT.pdf
application/pdf
AO9HADPIc2UZwGJQ5lby7GzyGrg=

1239-Letter of Commitment TPL.pdf
application/pdf
9NxQoISPEMZ1G8+J9dnKZlfWo5c=

1240-Sally Rubin Resume.pdf
application/pdf
Cp4/5KhgT9Zj95PPPzxxU8PIOLU=

1241-Tyshon Johnson Resume'.pdf
application/pdf
SVaT6ed3XZuXIF1zNPjwtMrfDdY=

1242-Tatiana Morales (002).pdf
application/pdf
U/qGFjqCfZylNm2PieDverdfhPo=

1243-Urban Wilderness Letter of Support.pdf
application/pdf
GIDRGrMEbcPbxAh4wOhWnstymVg=

1244-ROGSupportLetter.pdf
application/pdf
rOAv6QeXiKhsaZuKCe62CgXcwao=

1245-Paterson STEAM letter of support.pdf
application/pdf
c7h5CCTSZwYXiqM9aJzDJQfnsPo=

1246-IRS 501 c 3 certification letter 2017.pdf
application/pdf
95mYG+feqfBoL0Th5QHjqJhFXWs=

1247-Developing a Youth Advocacy Corps. to Identify and Implement Environmental Solutions.pdf
application/pdf
AXfMvtGLOb2dabZOjMK/PynNui0=

1248-NJIT -Sample EJ Issues and Projects .pdf
application/pdf

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Application
New
2023-04-14
YBZWKKZ4MD1
Great Swamp Watershed Association
22-2403906
YBZWKKZ4KMD1
P.O. Box 300
New Vernon
Morris
NJ: New Jersey
079760300
USA: UNITED STATES

Education
Lynne
Applebaum

Director of Institutional Relations
Employee
Ex. 6 Personal Privacy (PP)
lapplebaum@greatswamp.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
1249-Paterson NJ -EJ Screen Report.pdf
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Developing a Youth Advocacy Corps to Identify and Implement Environmental Justice Solutions
NJ-011
NJ-009
2023-11-02
2026-10-01
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0.00
491313.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Ms.
Lynne

Applebaum

Director of Institutional Relations
Ex. 6 Personal Privacy (PP)
lapplebaum@greatswamp.org
Lynne Applebaum
2023-04-14

Ms.
Lynne
Applebaum

Director of Institutional Relations
P.O. Box 300
New Vernon
NJ: New Jersey
07976
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
lapplebaum@greatswamp.org

Ms.
Sally
Rubin

Executive Director
P.O. Box 300
New Vernon
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07976
USA: UNITED STATES

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179073.00

147020.00
165220.00
179073.00

Contracts: NJIT -$81,200; Rutgers - $30,000; TPL -$20,000. Supplies: rain garden, catch basin materials- $90,000; T-shirts/food- $4000 Other: Student stipends - $5184; meeting space -$15000; GSWA overhead for project management - $44,426

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2023-04-14T10:02:10.000-04:00
Lynne Applebaum
GRANT13861015

BOYS & GIRLS CLUB
OF PATERSON AND PASSAIC

April 7, 2023

Lynne Applebaum
Great Swamp Watershed Association
568 Tempe Wick Road
Morristown, NJ 07960

Dear Ms. Applebaum,

The mission of the Boys & Girls Club of Paterson and Passaic (BGCPP) is to enable all young people, especially those who need us most, to reach their full potential as productive, caring, responsible citizens. This mission is met through the provision of after school, summer camp, academic and workforce readiness at 12 sites within Paterson and Passaic.

We are happy to be listed as a key community partner in the Request for Applications (RFA) for the Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program submitted to the Environmental Protection Agency (EPA) by Great Swamp Watershed Association (GSWA).

We are committed to working with GSWA and other community partners identified in the EJCPS application to advance the local vision and needs articulated in the Request for Applications (RFA). BGCPP will provide space for program meetings and access to BGCPP student members who may be interested in joining the proposed program, Developing Youth Advocacy Corps to Identify and Implement Environmental Justice Solutions. BGCPP has worked with GSWA on other grants over the years, including a recent grant application for after school environmental education programs.

Relationship to Community: BGCPP provides a safe and wholesome after school environment for 1,100 youth ages 5 through 18 daily. During summer months, we provide full day camp for youth to stay active, engaged, and learning when school is out of session. Our professional staff and dedicated community partners deliver a comprehensive array of high quality educational, social, and recreational programs.

If GSWA is selected for participation in the program, BGCPP commits to regularly engaging with GSWA and other key partners of the Collaborative Problem-Solving Agreement. This includes the potential to participate in EJCPS meetings with the technical advisory panel and other key partners and stakeholders from our community. We will provide meeting space within our Clubhouse for up to 5 hours per week for 12 months at a cost of $100/hour.

We look forward to participating in the EJCPS to build local capacity in our organization and community to advance transformative environmental justice projects.

If you need any further information, please contact me directly at Ex. 6 - Personal Privacy (PP) x [redacted] or via email at wmcguire@bgcppnj.org.

Thank you.

Sincerely,

Wendy McGuire
Chief Executive Officer

The Nature Conservancy
New Jersey

The Nature Conservancy in New Jersey
Elizabeth D. Kay Environmental Center
200 Pottersville Road
Chester, NJ 07930
Ex. 6 Personal Privacy (PP)

nature.org/newjersey
facebook.com/NJConservancy
instagram.com/nature_nj
twitter.com/nature_NJ

April 7, 2023

RE: ***Developing a Youth Advocacy Corps to Identify and Implement Environmental Justice Solutions***

Dear EPA Environmental Justice Collaborative Problem-Solving Selection Committee,

I am pleased to provide this letter of commitment to the Great Swamp Watershed Association and the project team for the proposal entitled *Developing a Youth Advocacy Corps to Identify and Implement Environmental Justice Solutions*. The Nature Conservancy (TNC) is a partner on several projects with the existing project team and is pleased to participate as a core member for this funding opportunity. TNC is excited to work with the project team to train, empower, and uplift local youth in prioritizing community-centered projects that address climate and environmental justice impacts within the city of Paterson, such as urban heat, flooding, air quality, public health, and well-being.

TNC is one of the leading conservation organizations in the world, with a presence in all 50 states and over 70 countries worldwide. Our mission is to conserve the land and waters on which all life depends by working in a collaborative, science-based manner with a variety of partners. In New Jersey, TNC has been working with communities and supporting cities and partners to use nature-based approaches to improve the well-being of overburdened communities through a process that is community centered and collaborative.

TNC is committed to being a core member of this project team and to provide thought partnership, technical assistance, and additional support that may be needed throughout the project period. Additionally, TNC will commit to assist the mentorship component of the Youth Advocacy Corps, promote the engagement of community members, and provide facilitation of meetings with stakeholders. We strongly believe that the goals and outcomes of this project are in line with the Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program and have added values that will lead to increased community and city resilience to climate impacts, as well as create the next generation of environmental leaders, advocates, and professionals that will guide the protection of communities, restoration of natural resources, and creation of green jobs.

Thank you for considering our commitment to this project. We are excited about the potential impact of this initiative and are looking forward to working alongside our partners to create a Youth Advocacy Corps and share our challenges, successes, and lessons learned with communities across the nation.

Regards,

Johnny Quispe

Johnny Quispe, PhD
Cities Program Manager
New Jersey Chapter
The Nature Conservancy

RUTGERS
New Jersey Agricultural Experiment Station

Christopher C. Obropta, Ph.D., P.E.
Extension Specialist, Water Resources

Rutgers New Jersey Agricultural Experiment Station Cooperative Extension
Rutgers, The State University of New Jersey
14 College Farm Road
New Brunswick • New Jersey 08901

http://www.water.rutgers.edu
Ex. 6 - Personal Privacy (PP)

T: Ex. 6 - Personal Privacy (PP)
C: Ex. 6 - Personal Privacy (PP)
Fax: Ex. 6 - Personal Privacy (PP)

April 11, 2023

Lynne Applebaum
Director of Institutional Relations
Great Swamp Watershed Association
The Passaic River WATERKEEPER® ALLIANCE Affiliate

RE: Letter of Support for Great Swamp Watershed Association's Proposal to the Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program

Dear Ms. Applebaum,

The Rutgers Cooperative Extension (RCE) Water Resources Program is pleased to write this letter of support for Great Swamp Watershed Association's plan to develop a youth advocacy corps to identify and implement environmental justice solutions in Paterson, New Jersey.

The RCE Water Resources Program has been working with urban communities throughout New Jersey to identify green infrastructure opportunities to manage stormwater and reduce combined sewer overflows. We have begun to identify potential green infrastructure projects in Paterson. This proposal will engage the youth of Paterson in environmental justice issues. Paterson has many EJ problems, introducing youth to these problems is crucial to developing long term advocacy among the City's residents. The RCE Water Resource Program will provide technical support to NJIT and the Great Swamp Watershed Association in working with the Youth Corps to educate them on EJ issues and develop solutions to the issues. We will also oversee implementation of the solutions that the students identify as discussed in the proposal. For this effort, we will receive $30,000 ($10,000/year).

Please feel free to contact me directly at Ex. 6 - Personal Privacy (PP) or Ex. 6 - Personal Privacy (PP) with any questions. I hope that you will respond positively to this proposal request.

Sincerely,

Christopher C. Obropta, Ph.D., P.E.
Extension Specialist in Water Resources

TRUST FOR PUBLIC LAND™

60 Park Place.
Suite 901
Newark, NJ
07102
t: Ex. 6 - Personal Privacy (PP)
tpl.org

April 13, 2023

Lynne Applebaum
Director of Institutional Relations
Great Swamp Watershed Association
P.O. Box 3200
Mt. Vernon, NJ 07976

Dear Ms. Applebaum,

Trust for Public Land (TPL) is a national non-profit dedicated to the conservation of land and the development of parks and playgrounds with a mission to ensure that everyone in the United States lives within a ten minute walk to an open space or well-design park. We have offices across the country with one located in Newark, NJ and have been working in New Jersey for nearly 40 years. We are happy to be a key community partner in the Request for Applications for the Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program (EJCPS) submitted to the Environmental Protection Agency (EPA) by the Great Swamp Watershed Association.

TPL is committed to working with Great Swamp and other partners identified in the EJCPS application to advance the local vision and need articulated in the application. We look forward to being part of the leadership team to help develop and guide the program forward. TPL has expertise in designing and constructing parks and playgrounds and we intend to bring that experience to the table in addition to our community connections particularly in Newark but also in many other communities across New Jersey. Our experience and connections, coupled with that of the other community partners, will ensure we have a successful program that is rewarding to the participants and to the communities they serve.

TPL and Great Swamp have had aligned missions for decades. Many protected parcels of the Great Swamp were obtained through work that TPL did as part of our land conservation work. We continue to add to protected open space around Great Swamp and across New Jersey. In addition, we have been creating

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Suite 901
Newark, NJ
07102
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tpl.org

public access along the Passaic River the past decade, we see a path forward in how our work two organizations can work together along the Passaic – public access, improved water quality, and working to make sure the river is a benefit and enhances the quality of life for the communities along it.

Our organization has strong community relationships in the areas we work. One of our signature initiatives is that all of our parks and playgrounds are designed by and for the community. Whether it is a series of community meetings around a future park project, or a new schoolyard where we work with students over many weeks through a participatory design process; a landscape architect is on board to turn the project into a buildable facility – but is the community who designs it and, of course, will ultimately benefit and be a part of its care. The goal is two-fold, to ensure parks reflect what the community wants and to connect the community to the land, to nature, to the earth. We see this Youth Advocacy Corps as one more way to further that work.

If Great Swamp is selected for the grant, TPL is committed to regularly engaging with them and other key partners of the Collaborative Problem-Solving Agreement. Our understanding that TPL will be compensated $20,000 over the three year grant cycle for its time commitment to the program. This includes the potential to participate in EJCPS meetings and the technical advisory panel along with other key partners and community stakeholders. We look forward to this opportunity to advance transformative environmental justice projects.

Thank you,

Scott Dvorak
Associate Vice President and New Jersey State Director
Trust for Public Land

NJIT Center for Natural Resources (CNR)
NEW JERSEY INSTITUTE OF TECHNOLOGY

April 6, 2023

Ms. Lynne Applebaum
Great Swap Watershed Association
568 Tempe Wick Road,
Morristown, NJ 07960
lapplebaum@greatswamp.org

Re: Letter of resource commitment for USEPA EJPS Cooperative agreement program.

Dear Ms. Applebaum,

The Center for Natural Resources (CNR) at NJIT was founded in 2012 to foster sensible approaches for environmental and energy resource utilization, produce next generation of scientists that are well informed of societal needs, provide environmental education and best methods for stewardship of natural resources. We are pleased to support the Great Swamp Watershed Association for the project titled "Developing a Youth Advocacy Corps. to Identify and Implement Environmental Justice Solutions" under the grant: Environmental Justice Collaborative Problem-Solving (EJPS) Cooperative Agreement Program.

The Center for Natural Resources, NJIT is committed to work with Great Swamp Watershed Association (GSWA), Passaic County Habitat for Humanity and Rutgers cooperative program to train high school on environmental education by raising awareness about environmental challenges, laboratory and field investigations conducted using cutting edge techniques. The identified project scope from Center for Natural Resources, NJIT will help young students understand the current environmental justice issues and learn how to reduce them. For these efforts, NJIT will receive $81,200 over the course of three years, approximately $27,066 per year.

Personnel from the CNR have interacted with the GSWA through the Newark DIG (Doing Infrastructure Green) for the last two years.

Thank you for considering this application to the EJPS agreement program. We look forward to working with the project key partners of the collaborative problem-solving agreement to address environmental issues in a collaborative manner with all stakeholders and communities.

Sincerely,

Michel C. Boufadel

Michel C. Boufadel, PhD, PE, BCEE, F. ASCE, D. WRE
Distinguished Professor, John A. Reif, Jr., Department of Civil and Environmental Engineering
Director, Center for Natural Resources
The New Jersey Institute of Technology
Ex. 6 - Personal Privacy (PP) http://cnr.njit.edu

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Redacted

Executive Director
Great Swamp Watershed Association

Education

Fordham University School of Law, J.D.
The Johns Hopkins University, B.A. psychology

Current Professional Activities

Great Swamp Watershed Association ***January 2008 to present***
Executive Director

- Responsible for overall operations of non-profit environmental organization dedicated to protecting and improving water resources in the region by monitoring local streams, advocating for intelligent land use, educating communities about water quality, quantity, and biodiversity.
- Serve as an environmental resource for individuals, organizations and governmental entities.
- Responsibilities include management of staff and volunteers, creation of annual budget, public speaking on behalf of the organization and promotion of the organization's mission.

Mike's Café, Bedminster ***2004 to 2008***
Co-owner

- Created, opened and operate café style restaurant
- Develop and maintain budget, manage accounts receivables and payables
- Inventory procurement
- Interview, hire, and schedule employees
- Advertise and market business
- Participate in charitable events, including House Tours, Cancer Wellness Center and Relay for Life, and fundraising donations

Weichert, Realtors, Basking Ridge, NJ ***2005 to 2008***
Sales Associate

- Provide buyers and sellers with current market conditions, trends and analysis
- Assess needs of seniors in transition and educate them about the real estate process in a supportive manner as a Designated Senior Citizens Real Estate Specialist
- Appointed member Garden State Professional Standards Committee
- Arbitrate disputes between realtors and communicate dispute resolution
- Respond to the needs of diverse transfer clients and educate them about the market and geographic area by providing detailed information as a Designated Relocation Specialist Coach new sales associates by providing assistance and advice as a Designated Mentor Demonstrate mastery of market conditions with instant response to telephone and internet generated customers as a Designated Lead Network Specialist

Community Involvement

Bedminster Township Committee ***January 2006 to 2011***
Elected member

- Organized and orchestrated campaign for election, including fundraising, publicity, public speaking, media interviews and get out the vote efforts

ED_016126_00000860-00001

- Address community at large during semi-monthly meetings and interface with other elected and appointed officials and reporters on issues of significance
- Develop annual municipal budget
- Responsible for overall governance of municipality
- Liaison, Bedminster Township Board of Education (2006 to 2007)

Affordable Housing Ad Hoc Committee ***2007 to 2011***
Appointed member

- Evaluate options for maintaining affordable housing stock
- Develop COAH required spending plan for almost $2,000,000 budget

Bedminster Planning Board ***2005, 2007 to 2011***
Appointed member

- Review land use applications through direct testimony and document analysis
- Arrive at application determinations through evaluation and consensus building

Somerset Hills Handicapped Riding Center ***2006 to 2008***
Appointed member, Board of Directors, and volunteer

- Develop and maintain budget goals through active fundraising and increasing community awareness of facility
- Review and evaluate program operations
- Evaluate potential operation and facility expansion

Ex. 6 Personal Privacy (PP)
Newark, New Jersey 07103
Ex. 6 Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)

EDUCATION: Bachelor of Arts in Earth & Environmental Sciences
New Jersey City University, Jersey City, NJ
GPA 3.43

Courses completed include:

Environmental Policy	Global Climate Change
Creative Writing	Basic Concepts of Physics
Principles of Biology	Study of Literature

INTERNSHIP: The Borgen Project, July 2022 - September 2022

- Writing weekly articles related to global poverty
- Sharing content via social media, contacting congressional leaders
- Revising articles based on editor feedback

Center for Natural Resources at NJIT, Summer 2018 and 2019

- Assisting graduate students with environmental experiments
- Compiling experiment progress and results
- Organizing inventory of department storage

Newark Arts Education Roundtable, Summer 2017

- Arranging company events in the city
- Organizing and updating documents and excel sheets
- Revising company website

EMPLOYMENT: Sales Associate at Kohl's, July 2021 - Present
Jersey City, NJ

- Organizing and maintaining the store's shoes department
- Helping customers with product questions of concerns
- Locating items in the store for customer orders

Camp Counsellor at Newark Community Center, Summer 2015
Newark, NJ

- Supervising children during the community center's summer camp
- Participating in camp activities with children
- Setting up for and cleaning up after camp activities

ACTIVITIES: Sprinter for the Track & Field team at New Jersey City University

AWARDS: Member of the National Society of Leadership and Success
Most Improved for Men's Track and Field 2018-19

COMPUTERS: Proficient with Microsoft Office Suite

Ex. 6 Personal Privacy (PP)

PUBLIC HEALTH GRADUATE

Ex. 6 - Personal Privacy (PP)

Ex. 6 - Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

PROFILE

Forward-thinking and confident Public Health graduate with well-honed communication skills and proven ability to build relationships.

SKILLS

- Bilingual (Spanish / English)
- Adaptability
- Communication
- Problem-solving
- Team Leadership
- Media Relations
- Data Entry

CLUBS

- Public Health Club
- Sales Club
- Environmental Club
- National Honor Society

EDUCATION

WILLIAM PATERSON UNIVERSITY, WAYNE, NJ

Bachelor of Science Degree in Public Health Education, Minor in Sales

May 2022

VOLUNTEER

BEACH COMMUNITY AND CHILD ENRICHMENT PROGRAM, PERDENALES, ECUADOR

January 2019 & August 2022

- Created and maintained community organic garden
- Helped develop a local recycling program
- Organized and oversaw community beach clean up

GREAT SWAMP WATERSHED ASSOCIATION, MORRISTOWN, NJ

May 2022

- Volunteered for Native Pollinator Plant sale which sold over 60,000 plugs
- Extracted invasive plants
- Education outreach for stormwater management solutions in Paterson, NJ

EXPERIENCE

ORS NASCO, REMOTE — INSIDE SALES ACCOUNT MANAGER

June 2022 - Current

Establish strong rapport with clients via telephone to identify needs and solutions.

Conduct market research on existing and prospect accounts to define customers unmet needs, pain points, identify new projects for growth and presenting solutions with a consultative approach.

Collaborate with suppliers; attend various events, webinars and workshops for suppliers

MILITTI SALES & PROMOTIONS, CLIFTON, NJ — SALES AND MEDIA ASSOCIATE

July 2021 - May 2022

Created and designed presentation and flyers for clients to promote new products and special deals on social media platforms

Collected, researched and analyzed market information and consumer buying patterns to create an inventory plan, media strategy and social media content

Communication internally to management and other stakeholders about the social media plans

WOMEN'S PELVIC SURGERY OF NORTH JERSEY, HACKENSACK — CLINICAL MANAGER

January 2018 - April 2021

Oversaw all social media platforms such as Instagram, Facebook and Google business pages, along with responding to media inquiries

Managed daily operations of the office and supervised five employees on an ongoing basis and was responsible for hiring and training

Developed a paperless environment by implementing an electronic medical record system to manage data, process surgical/lab orders and integrate processes

INTERNSHIPS

GREAT SWAMP WATERSHED ASSOCIATION, MORRISTOWN, NJ - EDUCATION, OUTREACH AND WATER QUALITY ASSOCIATE

January - May 2022

Conducted water quality education programs that included both outreach and onsite programs for schools and the public

Created writing pieces about water quality, environmental justice and environmental programs for 'Across the Watershed' newsletter and GSWA website

Performed water chemistry monitoring, visual stream assessments, and macroinvertebrate monitoring

PATERSON PUBLIC SCHOOLS

Office of STEAM Education
90 Delaware Avenue, Paterson NJ 07503
Office: Ex. 6 Personal Privacy (PP) Fax: Ex. 6 Personal Privacy (PP)

Sarah Sterling-Laldee
Director of STEAM Education
Email: Ex. 6 Personal Privacy (PP)

Eileen F. Shafer, M.Ed.
Superintendent of Schools

April 13, 2023

Jacob Burney
Division Director
EJ Grants
USEPA

Dear Jacob Burney,

I am happy to offer support for the Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program submitted to the Environmental Protection Agency (EPA) by Great Swamp Watershed Association (GSWA) on behalf of the Paterson Public Schools.

The proposed project entitled "**Developing a Youth Advocacy Corps to Identify and Implement Environmental Justice Implement Solutions**" will engage Paterson youth in solutions-based learning activities that prepare them to be stewards of their local environment. The cohort of technical, educational and community experts assembled for this program will provide students with a deep dive into their local environmental challenges and creative problem solving that results from interagency and multiple stakeholder collaboration. This endeavor in critical thinking and creative solution making will offer lifelong benefits to students irrespective of their career path.

We urge you to support GSWA's application for this program submitted by the Great Swamp Watershed Association. Thank you for your consideration.

Sincerely,



Sarah Sterling-Laldee
Director of STEAM Education

IRS Department of the Treasury
Internal Revenue Service

CINCINNATI OH 45999-0038

In reply refer to: 0248180037
Feb. 28, 2017 LTR 4168C 0
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BODC: TE

GREAT SWAMP WATERSHED ASSOCIATION
568 TEMPE WICK RD
MORRISTOWN NJ 07960

)06843

Employer ID Number: 22-2403906
Form 990 required: Yes

Dear Taxpayer:

This is in response to your request dated Feb. 16, 2017, regarding your tax-exempt status.

We issued you a determination letter in August 1982, recognizing you as tax-exempt under Internal Revenue Code (IRC) Section 501(c)(3).

Our records also indicate you're not a private foundation as defined under IRC Section 509(a) because you're described in IRC Sections 509(a)(1) and 170(b)(1)(A)(vi).

Donors can deduct contributions they make to you as provided in IRC Section 170. You're also qualified to receive tax deductible bequests, legacies, devises, transfers, or gifts under IRC Sections 2055, 2106, and 2522.

In the heading of this letter, we indicated whether you must file an annual information return. If a return is required, you must file Form 990, 990-EZ, 990-N, or 990-PF by the 15th day of the fifth month after the end of your annual accounting period. IRC Section 6033(j) provides that, if you don't file a required annual information return or notice for three consecutive years, your exempt status will be automatically revoked on the filing due date of the third required return or notice.

For tax forms, instructions, and publications, visit www.irs.gov or call Ex. 6 Personal Privacy (PP) Ex. 6 - Personal Privacy (PP)

If you have questions, call Ex. 6 - Personal Privacy (PP) between 8 a.m. and 5 p.m., local time, Monday through Friday (Alaska and Hawaii follow Pacific Time).

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Feb. 28, 2017 LTR 4168C 0
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00018889

GREAT SWAMP WATERSHED ASSOCIATION
568 TEMPE WICK RD
MORRISTOWN NJ 07960

Sincerely yours,

Kim A. Billups, Operations Manager
Accounts Management Operations 1

Urban Wilderness Renewal LLC

"Come with me by yourselves to a quiet place and get some rest"
Rev. John A. Algera Mark 6:31
409 E. 25th St.
Paterson, NJ 07514
Ex. 6 - Personal Privacy (PP) - Ex. 6 - Personal Privacy (PP) - www.uwrenewal.org

April 12, 2023,

Mr. Jacob Burney
Division Director
EJ Grants
USEPA

Dear Mr. Burney,

I am happy to offer support for the Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program submitted to the Environmental Protection Agency (EPA) by Great Swamp Watershed Association (GSWA) on behalf of Urban Wilderness Renewal, based in Paterson, NJ. We are devoted to awakening an awareness of the presence of God in the ordinary and wilderness places of our lives and in the beauty of God's creation. One way we do this is through taking out groups of children, teens and adults to explore the beauty of the Passaic River around the city of Paterson.

The proposed project entitled "**Developing a Youth Advocacy Corps. to Identify and Implement Environmental Justice Implement Solutions**" will engage Paterson youth in actively pursuing solutions to the city's environmental challenges and provide them with a valuable learning experience. The guidance the students receive from the cohort of technical, educational and community will provide the students with a deeper knowledge through active exploration of real-world challenges and problem solving resulting in authentic learning. The ability to utilize critical thinking skills and explore creative solutions will help the students in life, no matter what path they choose to take.
We urge you to support GSWA's application for this program submitted by the Great Swamp Watershed Association. Thank you for your consideration.

Sincerely,

Rev. John A Algera, President

River of God Paddling

a ministry of

Madison Ave. Crossroads Community Ministries

484 Madison Ave. Paterson, NJ, 07514

Ex. 6 - Personal Privacy (PP)

Director: Pastor John A. Algera

River Guides: Wilner Gonzales, Anthony Peralta

April 12, 2023

Mr. Jacob Burney
Division Director
EJ Grants
USEPA

Dear Mr. Burney,

I am happy to offer support for the Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program submitted to the Environmental Protection Agency (EPA) by Great Swamp Watershed Association (GSWA) on behalf of River of God Paddling based in Paterson, NJ. We are one of several ministries under the Community Development Corporation Madison Ave. Crossroads Community Ministries, Paterson N.J. Mr. Thomas J. Henion, Executive Director.

The proposed project entitled "**Developing a Youth Advocacy Corps. to Identify and Implement Environmental Justice Implement Solutions**" will engage Paterson youth in actively pursuing solutions to the city's environmental challenges and provide them with a valuable learning experience. The guidance the students receive from the cohort of technical, educational and community will provide the students with a deeper knowledge through active exploration of real-world challenges and problem solving resulting in authentic learning. The ability to utilize critical thinking skills and explore creative solutions will help the students in life, no matter what path they choose to take.
We urge you to support GSWA's application for this program submitted by the Great Swamp Watershed Association. Thank you for your consideration.

Sincerely,

Rev. John A Algera, Director: River of God Paddling

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Green & Healthy Homes Initiative, Inc.

Address: 2714 Hudson Street

City: Baltimore

State: MD: Maryland Zip Code: 21224-4716

B. Unique Entity Identifier (UEI): HYQKKGCH7XZ5

C. Applicant/Recipient Point of Contact

Name: Ruth Ann Norton

Phone: Ex. 6 Personal Privacy (PP)

Email: ranortong@ghhi.org

Title: President & CEO

II. Is the applicant currently receiving EPA Assistance? ☒ Yes ☐ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

N/A

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

N/A

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

N/A

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

Yes. Erika Buffaloe, Director of Human Resources, Ex. 6 Personal Privacy (PP) Baltimore, MD 21224-4716, ebuffaloe@ghhi.org, Ex. 6 - Personal Privacy (PP) fax, Ex. 6 - Personal Privacy (PP) phone

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

Yes. GHHI does not discriminate on the basis of race, color, national origin, sex or handicap. Attached: GHHl's Employee Grievance Procedures-Section 403 Employee Concerns: Mediation Process from Employee Handbook & GHHl's Public Client Grievance Procedures, complying with 40 CFR 5 & 7. Due to space constraints, this response is continued as an attachment and has been uploaded to the attachments form. The file name is: EPA FORM 4700-4 XI Response Continued.

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Wes Stewart	President & Chief Executive Officer	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

Great Swamp Watershed Association
The Passaic River WATERKEEPER ® ALLIANCE Affiliate
P.O. Box 300 • New Vernon, NJ 07976
Ex. 6 Personal Privacy (PP) • GreatSwamp.org

Environmental Justice Collaborative Problem-Solving (EJPS) Proposal

1.0 Program Objectives

a. Project Summary Page

Project Title: Developing a Youth Advocacy Corps to Identify and Implement Environmental Justice Solutions

Project Location: Paterson, NJ

Applicant Information: Great Swamp Watershed Association Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) Lynne Applebaum, Director of Institutional Relations

Brief Description of the Applicant Organization

Great Swamp Watershed Association (GSWA), located in New Vernon, NJ, has dedicated itself to the preservation and protection of the water and land resources of the Great Swamp Watershed and Passaic River for 41 years.

MISSION

The Great Swamp Watershed Association protects and improves the health of the Passaic River through science, education, land preservation and stewardship, and advocacy. We are the only entity monitoring the streams of the Great Swamp Watershed and the main stem of the Passaic River on a consistent basis. Great Swamp Watershed Association offers STEM Environmental Education programs at a variety of schools all across our watershed.

Project Abstract:

Great Swamp Watershed Association (GSWA) and its partners will develop a Youth Advocacy Corps to Identify Environmental Justice (EJ) Issues and Implement EJ Solutions in Paterson, NJ.

Paterson, which sits along the Passaic River, is the third most populous city in New Jersey. According to the EJ Mapping Tool, 145,484 people live in Paterson, with the 2020 US Census reporting a minority population of over 86%. Over 25% of the residents of Paterson are at or below poverty level. A combination of high impervious surface cover and 23 Combined Sewer Outfalls result in local flooding and Combined Sewer Overflow events that discharge into the Passaic River. The project will:

- Train and educate students to engage in local environmental and climate issues
- Identify EJ issues in Paterson and devise solutions
- Advocate for and Implement EJ solutions
- Design a Neighborhood Green Infrastructure Plan

GSWA will recruit and hire a Program Liaison to engage with students to identify local EJ issues, brainstorm remedies, pursue funding, and implement solutions. New Jersey Institute of Technology will work with the students to develop these potential solutions to address the problems. Flooding will likely be the primary issue and green infrastructure one of the

solutions. Rutgers Cooperative Extension Water Resources Program will provide technical support and help students design and install green infrastructure in areas the Youth Advocacy Corps. identifies as priority areas. The project team intends to offer this program every year for students in Paterson and possibly surrounding communities.

Project Type(s): Student Environmental Advocacy Training

Environmental Issues: The City of Paterson experiences flooding during major and minor rainstorm events due to both combined sewer overflows and the severity and frequency of storm impacts from climate change. Flooding is an ongoing problem for the city of Paterson. In addition to damage to properties, flooding can also cut off access to utilities, emergency services, transportation, exacerbate pollution, negatively impact water quality, and may affect the overall economic well-being of an area. Untreated sewage can seep into the Passaic River after a storm, a source of drinking water for two million New Jersey residents, which carries additional human consequences. The downstream urbanized portions of the river are impacted by heavy development and increased areas of impervious cover, which compound issues arising from flooding and runoff. Urban areas suffer from a wide range of factors which impact the health of residents. One factor is the lack of equitable access to green space. According to a 2015 study conducted by the National Institute for Health, research has shown that children who live within five minutes of green space are healthier than those that live 20 minutes from green space. Through lectures by the Center for Natural Resources (CNR)-New Jersey Institute of Technology (NJIT) personnel, students will learn about the human health issues associated with lack of green space and opportunities to address this issue. One solution to this issue may revolve around identifying vacant lots in Paterson that can be converted into green space, pocket parks, or community gardens. Another solution to local flooding and pollution issues could be to expand GSWA and The Nature Conservancy's (TNC) Adopt-A-Catch Basin program, which targets the clearing of debris from storm drains in order to reduce the clogging of the sewer systems that trigger Combined Sewer Overflow events. The direction of identifying and prioritizing issues and solutions will be guided through a community-based approach which the Youth Advocacy Corps and the project team will facilitate, which could mean that either of the aforementioned projects would be prioritized, in addition to other issues not yet identified. Ultimately, the deliverable for this project will result in the identification and prioritization of target areas for the implementation of nature-based solutions throughout the city in addition to providing the technical support and materials needed to successfully address the identified issues.

List of Project Partners:
Great Swamp Watershed Association - Community Based Non-Profit Environmental Organization

New Jersey Institute of Technology – Academic Institution
Rutgers Cooperative Extension Water Resources Programs – Academic Institution
Passaic County Habitat for Humanity – Global Non-Profit Housing Organization

Boys & Girls Club of Paterson and Passaic – National Non-Profit Youth Organization
The Nature Conservancy – Global Non-Profit Environmental Organization
The Trust for Public Land – National Non-Profit Environmental Organization

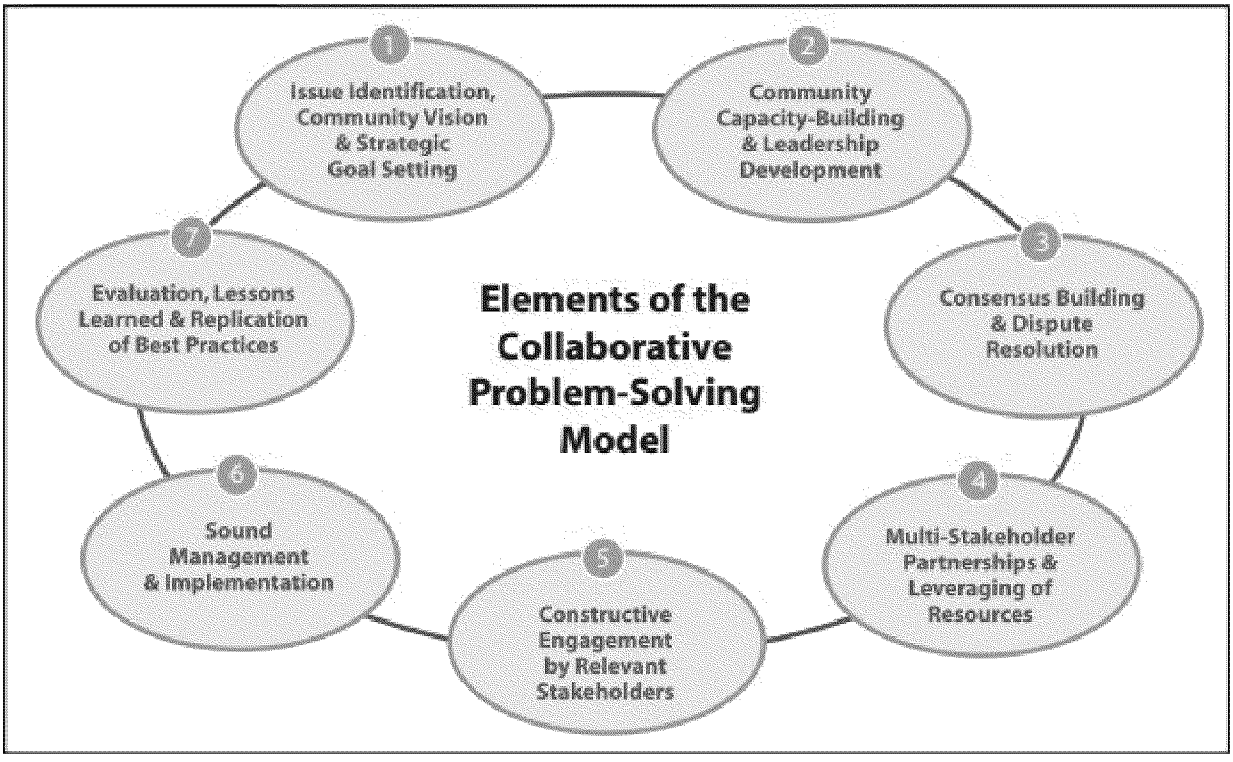
b. Environmental and Public Health information of the Underserved Community:
Paterson residents are constantly dealing with flooding issues, a city comprised of a large Black and Indigenous and People of Color (BIPOC) community. The purpose of this specific program is to mitigate some of Paterson's flooding and water quality issues and provide a steady stream of upcoming environmental leaders. The Youth Advocacy Corps. will encourage the next generation of urban youth to identify issues and find solutions and work with the community to implement these solutions, creating a healthier environment for all, exposing the participants to careers in the STEM field. This program will facilitate ownership in project ideation and implementation. Students will have a leading role in the decision-making process to address their community's environmental issues and investing in their own future.

c. Organization's Historical Connection to Underserved Community:
GSWA was founded in 1981 and expanded its mission to include the entire length of the Passaic River from its source in Mendham, NJ, to its mouth in Newark, NJ in 2016. GSWA chaired Paterson SMART (Stormwater Management And Resource Training), a collaborative of 21 organizations, municipal representatives, and individuals, which was created to address flooding and new CSO permits from the New Jersey Department of Environmental Protection.

GSWA and TNC are currently working with Paterson residents on an Adopt-A-Catch Basin Program empowering residents to take action to improve their health and environment with tools and resources. Adopt-A-Catch Basin programs leverage volunteers to regularly inspect storm drains, remove leaves or debris pollution, and report damaged or clogged drains. Volunteers need to check their storm drains before major storms. These simple actions help communities maximize their maintenance resources, prolong the life of stormwater and roadway infrastructure, and reduce the chance of localized flooding in neighborhoods. By being proactive, residents are empowered to take control of their environment.

Additionally, GSWA delivers STEM environmental education to students in Paterson including P.S. 28, JFK High School, International High School, Paterson STEAM HS, P.S. 7, New Roberto Clemente Middle School, and others. Programming includes in class and offsite water quality STEM environmental education programs. GSWA has also installed several rain gardens in Paterson.

d. EJCPS Model



This project will employ all the elements of the collaborative problem-solving model, as they are all relevant to the student's successful identification of EJ issues and EJ solutions. This model provides a framework that enables the students to stay on task.

CPS Element 1 - Issue Identification, Community Vision, and Strategic Goal Setting

GSWA and its program partners will educate students and the community about various local issues and potential solutions. GSWA's Program Liaison will recruit students to participate in the Youth Advocacy Corps. via outreach and public education in schools, community centers, and social media. Additionally, the Program Liaison will provide a program overview and promotion to community groups to encourage support and to solicit feedback throughout the process. During this phase, project partners will provide education as part of the outreach. Through a visioning process, the Youth Advocacy Corps. will identify specific EJ issues and locations and consider potential projects to address the problems.

CPS Element 2 - Community Capacity-Building and Leadership Development

Using feedback gathered from outreach and education events, student participants and partners will work together to identify issues, brainstorm issue prioritization, and establish community support. Students then begin analysis of solutions and the feasibility of potential projects. Students will learn the importance of collaboration and leadership as they work through this process.

CPS Element 3 - Consensus Building and Dispute Resolution

Under the guidance of the Program Liaison and partners, the student groups will learn how to

identify issues that they can realistically solve through criteria such as sound science, finance, and support from local organizations such as Paterson Green Team, created in 2018, to help organize community clean ups and keep their neighborhoods free of litter and waste, and Urban
Wilderness Renewal, created by Pastor John Algera, which provides participants opportunities to "experience and get to know God through the beauty of creation that surrounds the city of Paterson," Sarah Sterling-Laldee Director of STEAM Programs for Paterson Public Schools, Passaic Habitat for Humanity, church groups, youth organizations such as Boys & Girls Club of Paterson and Passaic (BGCPP). These criteria will help the students select appropriate solutions. The groups will learn about internal and external consensus building, compromise, and evaluation of potential projects as part of this program. They will meet and hear from project partners who will provide technical support and oversight and cite specific examples of successes and failures from their own experiences, and help the students draw conclusions using these examples as case studies. Students will have to work together to prioritize problems and their appropriate solutions.

CPS Element 4 - Multi-Stakeholder Partnerships and Leveraging of Resources

The stakeholders involved in this project represent a healthy cross-section of talents and expertise. GSWA will provide the leadership and outreach for the student program, professionals from the New Jersey Institute of Technology and Rutgers Cooperative Water Resources Program will provide the scientific and technical expertise needed to expedite the student-led projects. Passaic Habitat for Humanity will help the students identify neighborhoods in need of EJ solutions. BGCPP will provide space and program participants. The Nature Conservancy will facilitate team meetings, and help with community engagement, technical assistance and support. The Trust for Public Land will assist with program refinement and connections to the schools. With this guidance, the students will learn throughout the process how to best access the community and financial resources needed to implement their vision. Speakers from various related professions will be invited to meet with the students to give them insight about the various STEM careers available to them and where they can study for these careers. One such speaker might be an environmental engineer, who uses the principles of engineering, soil science, biology, and chemistry to develop solutions to environmental problems. Additional speakers could include arborists or representatives from energy companies. It is an important component of the program to provide both educational and career guidance, especially on topics these urban students might not otherwise be exposed to.

CPS Element 5 - Constructive Engagement by Relevant Stakeholders

Constructive engagement will be employed throughout the program. The students are the first relevant stakeholders, as residents and program participants. They will have facilitated discussions and build consensus on which issues should be addressed. They will learn advocacy skills, such as communication, collaboration, presentation, and professionalism when approaching community stakeholders with an EJ solution. They will learn how to manage setbacks and opposition and must be prepared to advocate for what they believe will be the best EJ solutions that will benefit the city. Relevant stakeholders can include neighborhood

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residents, municipal government, local businesses, all who may have varying opinions about proposed projects.

CPS Element 6 - Sound Management and Implementation

Sound management and implementation techniques will drive the project selection and execution. The program partners will provide guidance on the design and execution of the project based on sound science, design considerations and project cost. Projects that fit within the confines of the grant budget may be realized, while more costly projects may require additional funding.

CPS Element 7 - Evaluation, Lessons Learned, and Replication of Best Practices

Solutions that have been implemented will be evaluated by the students and project team for their successes in addressing the EJ issue identified. Post program surveys given to the student participants will supply valuable program insight to GSWA and the partners.

The students involved will share their experiences with other student groups and school administrators, via public presentations, videos and social media, with the goal of creating a sustainable program that can be used by students everywhere.

e. Project Linkages:

The project that we are proposing supports the EPA Strategic Plan, Goal 2, Objective 2.1 by investing in the future of cities like Paterson, which experience constant flooding, water quality, and pollution challenges. A Youth Advocacy Corps. dedicated to identifying and implementing environmental solutions to this, and other environmental issues, will empower the city's youth to embrace its environmental challenges and seek solutions. This underserved urban community has a deep, storied history, a multicultural population who take great pride in their city, and beautiful natural resources in Paterson Great Falls National Historical Park.

The program is designed to foster a lasting connection between Paterson's youth participants and their hometown to create a healthier outlook for their local communities and introduce them to excellent local colleges such as New Jersey Institute of Technology and Rutgers University.

f. Partner and Collaboration:

In order to provide the diverse communities of the Passaic River region with the level of environmental support they deserve, comprehensive collaboration amongst multiple organizations is necessary. GSWA is pleased that the following partners will form our leadership team for this project to both define and refine project objectives throughout the term of the grant:

Chris Obropta, PhD
Extension Specialist in Water Resources
Rutgers Cooperative Extension
Professor with the Department of Environmental Sciences at the School of Environmental & Biological Sciences, Rutgers University

With his extensive and impressive background, Dr. Obropta leads his highly specialized team of professional staff who are determined to create innovative solutions to water quality issues in New Jersey. Dr. Obropta brought the idea of a Youth Advocacy Corps. To Identify and Implement Environmental Justice Issues and Solutions to GSWA's attention. GSWA has worked with Dr. Obropta on the design and installation of several rain gardens at urban schools. Dr. Obropta also served on the GSWA's board of trustees.

Michel C. Boufadel, PhD, PE, BCEE, F. ASCE
Editor-in-Chief, Marine Pollution Bulletin (Elsevier)
Distinguished Professor, John A. Reif Jr. Dept. Civil and Env. Engineering
Director, Center for Natural Resources
Newark College of Engineering, The New Jersey Institute of Technology
Dr. Boufadel is an expert in water technology and resources. Dr. Boufadel' s role for this project is to provide the students with support from him and his graduate students during the design process and ensure that sound scientific and engineering concepts are being considered and practiced throughout.

Steve Kehayes
Director of Community Development
Passaic County Habitat for Humanity
As the Director of Community Development for Passaic Habitat for Humanity, Mr. Kehayes focuses on neighborhood revitalization work, partnering locally with residents and community leaders, and organizations to best address real concerns and improve the lives of the people who live in the neighborhood. Mr. Kehayes will offer critical guidance of the Paterson community and government landscape as well as access to potential open space.

Wendy McGuire
Chief Executive Officer
Boys & Girls Club of Paterson and Passaic
Wendy McGuire, a seasoned and passionate nonprofit professional, has served as Chief Executive Officer of the Boys & Girls Club since 2018, which serves more than 1,100 kids daily. McGuire previously worked at the Paterson and Passaic Club as the Chief Development Officer and Deputy Executive Director. Ms. McGuire will provide program space and access to potential participants.

Johnny Quispe, PhD
Cities Program Manager
The Nature Conservancy
Dr. Quispe is the Cities Program Manager at The Nature Conservancy—New Jersey. Dr. Quispe uses his interdisciplinary nature to work on issues related to climate change, ecology, and community resilience. His work integrates social, economic, engineering, and natural systems and methods to increase the resilience of communities and ecosystems to climate change.

Dr.Quispe will provide thought partnership, technical assistance, student mentorship, project team meeting facilitation, and programmatic support.

Scott Dvorak
Associate Vice President and New Jersey State Director
The Trust for Public Land
Scott Dvorak, AICP, became the New Jersey state director of The Trust for Public Land in 2020, taking the helm of a 40-year legacy of conserving land, supporting legislation for open space funding, and building parks for people across New Jersey. Mr. Dvorak and Trust for Public Land will assist in program refinement and making connections to local schools.

Building a 21st century corps of environmental justice youth advocates will pave the way for future environmental leaders. GSWA will work with these partners for this program and on the continuation of this program as resources allow.

2.0 Project Activities/Milestone Schedule/Detailed Budget Narrative
a. Project Activities
YEAR ONE
The first action is to recruit, interview and hire a Program Liaison. This individual will be the main GSWA program representative with the students, partners and community and will work 20 hours per week in the first year. The Program Liaison will receive training on environmental education, issue identification, and potential solutions to these issues. Training will be provided by GSWA, NJIT, RCE Water Resources Program, TNC, and TPL. The Program Liaison will be introduced to contacts in the schools and community organizations, as well as developing his/her own contacts for recruiting program participants in schools, churches, BGCPP, YMCA, etc. This will include in-person and virtual presentations, email, social media outreach, press releases.

With the first group of participants established, regular meeting places and schedules will be determined. One location, such as BGCPP, may be utilized for meetings. We anticipate holding weekly meetings which will be after school or early evening and may include food to encourage participation. A T-shirt might be designed by program participants to wear when out in the community, to generate pride in their involvement, team spirit and program identification. The first meetings will involve environmental science education, identification of local environmental justice issues, such as localized flooding, possible solutions, and an overview of steps required to implement a solution from start to finish. Presentations from the GSWA and partners will be included in this phase. RCE Water Resources Program and NJIT graduate students, TNC and TPL will provide professional insight and technical advice and will comprise the leadership team. GSWA will engage a volunteer who will participate in these and subsequent meetings to assist and translate program information to Spanish for Spanish-speaking participants.

The next phase of this program will include meetings to identify strategies and discuss specific issues in specific locations, to address environmental problems and injustices. These meetings may be conducted at potential, accessible distressed sites being considered for a project. For example, in sections of the city such as Paterson's Northside Neighborhood of the 1st Ward, the combined sewer and stormwater flood the streets and local properties during typical rain events, compounding the flood hazard concerns with the health risks associated with direct contact to sewage. This community is an environmental justice community with limited resources and equitable access to open space and a disproportionate risk from environmental vulnerabilities. In this case, students would work directly with Passaic Habitat for Humanity, who have been working on community development projects in addition to constructing many homes on the Northside. Passaic Habitat for Humanity, with support from TNC and other partners, is currently building a 1-acre park, named Clinton Street Park, and has been working within the community to implement the community-based Northside Neighborhood Plan, a multi-step program to revitalize this overburdened community. This is one of many examples of potential environmental injustice sites impacting Paterson minority low-income communities.

In addition to implementing environmental justice solutions, students will be exposed to a myriad of careers in the environmental sector throughout the grant period. Speakers from our partner organizations, in addition to other environmental or related professions, such as engineers, tree companies, utility companies, business owners, etc. will speak to the students about various future career options. This practice may further cement their interest in pursuing higher education in the STEM field at local universities, such as NJIT or RCE Water Resources Program. These presentations may be recorded for future use.

At this point in the program, we plan to have one or two environmental justice issues and locations identified and selected by the group. Possible solutions will be brainstormed with the partners for validity and feasibility. NJIT graduate students will assist in this process, helping the students confirm that sound scientific and engineering concepts are factored in their decision-making. Case studies of similar projects will be studied to determine the success potential of possible projects. Once a location, issue and the proposed solution have been selected, next steps will begin.

NJIT students will help with the design process, along with the Rutgers Water Resources Program. The students and partners will create a budget for the proposed project and identify the necessary stakeholders to move the project forward. Stakeholder meetings will be held. The final design will be presented to the stakeholders, who will identify pros and cons with the plan with the intention of rectifying any issues in a reasonable amount of time, with the goal of finalizing the design. If a green infrastructure project has been selected, RCE Water Resources Program will prepare a bid ready design and oversee the construction and installation of this feature. In the case of a rain garden, students will help with installation. The garden will need ongoing maintenance for the establishment and continued function of this green infrastructure

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feature. One solution could be to provide stipends for program students to water and take care of the garden during the summer months. This can encourage the students to take ownership of their projects and provide some income which can be spent in the community, helping foster a circular economy.

Once the design meets approval by all necessary stakeholders, the solution may be implemented through funding from this grant, or additional funding may need to be solicited. Project completion will be promoted through local news venues, social media, etc. Follow up analysis will be conducted to provide further education about the project to determine what was successful and what might have been done better/differently. This will also serve as a blueprint for future groups and projects. At this time, student participants will be surveyed about their experience in the program so far and invited to come back the following school year as participants once again and some will be invited to take on a larger role in the program the following year.

A project to address flooding and stormwater management may evolve in this way:

The CNR-NJIT will work with students to identify areas that regularly flood and help students select locations where green infrastructure can be installed to help remedy these flooding issues. While green infrastructure cannot be used to control flooding from large storms, it can be effective for smaller rainfall events to help prevent localized flooding. NJIT will help the students understand the concept of hydrology and stormwater runoff using: 1) Lecture materials 2) YouTube videos, 3) Scaled-down physical models (3 feet x 3 feet) of watersheds and foam material (to simulate the role of infiltration), 4) Using Virtual Reality, such as the Outlook, and 5) Site visits. For the latter, the NJIT team will tour sites with students to select the best location for installing GIs and identify the most appropriate green technology system for the sites. The NJIT team, with support from Professor Obropta from RCE Water Resources Program, will educate the students on various green infrastructure practices and how they work and where to place them. In addition, the students will learn the design components of green infrastructure according to the best management practices manual in New Jersey (NJDEP). These include a catalog of various green infrastructure, such as bioswales, rain gardens, permeable pavement, green roofs, infiltration ponds and planter boxes.

The main deliverable for this project is a green infrastructure plan for a neighborhood that identifies locations to install specific green infrastructure practices. A secondary deliverable is several designs of green infrastructure practices like rain gardens or bioswales. Ideally, the students will work with the project partners to implement these deliverables.

YEAR TWO

Year Two will follow a similar path to Year One. The major difference will be the number of student groups. The goal in Year Two is to create two to four groups of student advocates, with some students from year one and some new student participants. The number of hours

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allocated for the Program Liaison will increase to 30 hours a week to accommodate the additional time needed for the increase in program participant numbers, projects and locations.

The Program Liaison has a larger role this year. With one year completed, the Program Liaison will begin to identify, and train invested high school student participants as Volunteer Assistant Program Liaisons. These individuals would take on some of the responsibility to support the growth of the program in scope and size. They might take on promotion of the program and serve as ambassadors to new participants.

The goal at the end of Year Two is to continue to seek and address issues of environmental justice in Paterson and also research, possibly expanding beyond the city's borders to other nearby under-resourced, environmentally impacted communities.

YEAR THREE

Year Three will follow a similar path to Year One and Year Two. The goal is to grow the number of student groups beyond Year Two's groups of student advocates. The number of hours allocated for the Program Liaison will increase to 40 hours a week to accommodate the additional time needed for the increase in program participant numbers, projects, and locations. Outside funding will be solicited for additional or more expansive projects. Three to four (or more, if needed) student Volunteer Assistant Program Liaisons will be trained.

The goal at the end of Year Three is to continue to seek and address issues of environmental justice in Paterson, and just beyond the city's borders to other nearby under-resourced, environmentally impacted communities. Additional sources of funding for the program will be sought to continue its presence and growth into new communities.

b. Milestone Schedule

MILESTONE SCHEDULE YEAR ONE		
GOAL	**MILESTONE**	**MONTHS**
Recruit and hire Program Liaison (PL)		1-3
Train PL		1-4
Introduce PL to contacts,PL establish own contacts, promotes & recruits for program		2-5
	Establish first advocacy group	3-6
Begin meetings at meeting venue, first meeting, design T-shirts		4-7
PL and partners teach environmental education/discuss local EJ issues and locations		4-7

Speakers talk to students about environmental careers once a month		4-12
	Identify specific EJ issues/locations. Discuss implementation of solution	5-7
Create budget for solution and identify community stakeholders		6-8
Design solution and present final design to community stakeholders, rectify design or location issues		6-8
Obtain permits and permissions for project implementation if needed		8-10
	Implement design, PL identifies and trains students for leadership roles in next groups	10-12
EJ Solution is shared with community stakeholders and promoted		12
MILESTONE SCHEDULE YEAR TWO		
GOAL	**MILESTONE**	**MONTHS**
PL promotes & recruits for program, trains assistant PL		12-16
	Establish second advocacy group(s)	15-18
Begin meetings at meeting venue, first meeting		16-19
PL and partners teach environmental education/discuss local EJ issues and locations		16-19
Speakers talk to students about environmental careers once a month		16-24
	Identify specific EJ issues/locations. Discuss implementation of solution	17-19
Create budget for solution and identify community stakeholders		18-20
Design solution and present final design to community stakeholders, rectify design or location issues		18-20
Obtain permits and permissions for project implementation if needed		20-22
	Implement design, PL identifies and trains students for leadership roles in next groups	22-24
EJ Solution is shared with community stakeholders and promoted		24
MILESTONE SCHEDULE YEAR THREE		
GOAL	**MILESTONE**	**MONTHS**
PL promotes & recruits for program, trains assistant PL		24-28

	Establish third sets of advocacy group(s)	27-30
Begin meetings at meeting venue, first meeting		28-31
PL and partners teach environmental education/discuss local EJ issues and locations		28-31
Speakers talk to students about environmental careers once a month		24-36
	Identify specific EJ issues/locations. Discuss implementation of solution	29-31
Create budget for solution and identify community stakeholders		30-32
Design solution and present final design to community stakeholders, rectify design or location issues		30-32
Obtain permits and permissions for project implementation if needed		32-34
	Implement design, PL identifies and trains students for leadership roles in next groups	34-36
EJ Solution is shared with community stakeholders and promoted to other communities		36
Seek funding for program continuation		36+

c. Itemized Budget Sheet/Narrative…. Submitted as attachment

3.0 Environmental Results – Outputs, Outcomes, and Performance Measures (Logic Model)

b. Performance Measurement Plan

Project Performance will be tracked and monitored throughout the three-year program for a variety of benchmarks with the following overall objectives:

1. Hire and train Program Liaison
2. Promote program in schools and throughout community to recruit student program participants
3. Create and train student groups to identify and develop EJ solutions
4. Identify EJ issues with students, program partners and community groups
5. Identify EJ solutions with students, program partners and community groups
6. Research feasibility and advocate for selected solutions
7. Design solutions with students, project partners
8. Implement EJ solutions withstudents, program partners and community groups
9. Develop methods for training future assistant program liaisons
10. Promote and grow program to additional schools, groups and communities
11. Procure funding for future programs and projects

Post-Program evaluations include the following:

1. Number of students engaged in the program each year, with goals to increase the number of students and locations each year.
2. Number of EJ issues identified, and solutions implemented each year.
3. Success of implemented projects. Follow-up will include specific improved environmental conditions, community engagement, and continued project oversight.
4. Continued student involvement after annual program completion. This includes the number of student "trainees," as a result of having participated in a successful program; student advocates for the program; students who actively pursue further involvement in environmental issues and studies.
5. Success of funding support annually, and projected post-program support.
6. Interest from other communities to undertake programs in their communities.

c. Sustainability Plan and Community Vision

The vision for the city of Paterson, as stated in the 2021 Parks and Open Space Vision Plan mentions Health, Environmental Protection and Flood Prevention, and Education as three of its five foci. This program's first goal is to identify, train and develop the next generation of environmental advocates, who will help realize the city's vision.

The second goal is to determine EJ issues and implement solutions each year. In order to achieve these goals, we must provide student program participants from overburdened communities with education, support and resources to achieve realistic, manageable EJ solutions, such as green infrastructure, catch basin programs and community gardens. These are all solutions that can be sustained and grown beyond the three-year grant period.

Another goal is that each solution will be tracked for metrics such as square feet of impervious surface being managed by flood control green infrastructure practices, square feet of rain gardens installed and maintained, and gallons of water managed annually.

Training new leaders is an ongoing part of this program. The Program Liaison will expand his/her knowledge of environmental science, EJ issues, leadership and advocacy under the guidance of GSWA senior staff and the program partners. This knowledge will be shared and potential student leaders will be trained to assist with or lead future programs. The program will be documented, so that additional schools and communities have a blueprint to launch their own Youth Advocacy Corps. programs.

This program will sustain itself if successful solutions are shared and replicated. Communities can seek funding to bring the program to their schools and youth organizations.

4.0 Programmatic Capability

Organizational Experience

Great Swamp Watershed Association (GSWA), a 501(c)(3) environmental organization in New Vernon, NJ, has dedicated itself to the preservation and protection of the water and land resources of the Great Swamp Watershed and Passaic River for over 40 years.

GSWA is the environmental guardian of the Passaic River region. As an Accredited Land Trust and the official Waterkeeper Alliance Affiliate for the Passaic River, the only entity monitoring the five streams of the Great Swamp Watershed and Passaic River on a regular basis, we continually assess and act on the best ways to fulfill our mission, which is to protect and improve the health of the Passaic River through science, education, land preservation and stewardship, and advocacy.

GSWA recognizes that proposed changes or new developments can threaten local and regional lands and waters, and natural habitats can be compromised, and we work to remediate these situations. GSWA participates in the Lower Passaic Superfund Community Advisory Group, which addresses the contamination of that portion of the lower Passaic River. High levels of contaminants, including polychlorinated biphenyls (PCBs), mercury and dioxin, are present in the sediment and can cause health effects. Indeed, the lower Passaic River region is not suitable for consuming fish and signs are posted throughout the region warning people not to eat the fish and crabs. It is anticipated to be the most expensive cleanup in the country.

In addition to our critical water quality monitoring, connecting the people who live in our watershed and the Passaic River communities with our mission is a key objective. We achieve this by providing relevant environmental education to students and families, advocating for creative solutions to environmental issues, preserving open space, providing stewardship and education at our wetland forest, and deepening our connections into all the communities in our watershed.

GSWA works extensively with students from K-12, providing unique and impactful STEM environmental education programs all across the Passaic River region. We regularly provide in class and outside experiential learning opportunities for students from underserved urban communities such as Paterson, Newark and Orange. As referenced earlier, we are working with Paterson residents on an Adopt- A-Catch Basin program to address CSO issues.

With the expert assistance of New Jersey Institute of Technology, Rutgers Cooperative Extension Water Resources Program and Habitat for Humanity, The Nature Conservancy, Boys & Girls Club of Paterson and Passaic, Trust for Public Land and others, Great Swamp Watershed Association is more than ready to launch the Youth Advocacy Corps. to Identify and Implement Environmental Justice Solutions and develop a model that is replicable and scalable.

b. Staff Experience/Qualifications of Project Manager, Program Liaison and Program Assistant

Sally Rubin, a retired attorney, has served as Executive Director of Great Swamp Watershed Association (GSWA) since 2008. During Ms. Rubin's tenure, GSWA has expanded its mission to

include the entire Passaic River, from its headwaters in Mendham to Newark Bay. Ms. Rubin has also been responsible for improving GSWA's financial operation and manages a staff of eleven employees. Ms. Rubin participates in numerous Community Action Groups in support of environmentally friendly development and advocating for open space preservation. Her leadership at GSWA, along with her legal and political expertise are sought after for many local environmental advocacy issues. Ms. Rubin will mentor the Program Liaison, who will be the "face" of the program.

Tyshon Johnson, the Program Liaison, has a Bachelor of Arts in Earth & Environmental Sciences and worked with Dr. Boufadel at the Center for Natural Resources at NJIT as an assistant. Mr. Johnson assisted graduate students with environmental experiments, compiling experiment data and results. Mr. Johnson also has experience working with youth, having been a camp counselor in Newark, NJ. Mr. Johnson is eager to be part of this program to move forward in his environmental career.

Tatiana Morales, the Program Assistant, will volunteer her time to assist with the program meeting and provide translation for Spanish speaking students in the program. Paterson has a large Spanish speaking population and Ms. Morales will engage participants whose first language is Spanish. Ms. Morales has a Bachelor of Science Degree in Public Health. She interned at GSWA and helped with signature programs such as the Native Plant Sale, a multi-community watershed friendly program and many others. Ms. Morales helped with translating GSWA's environmental education materials to Spanish.

Resumes of the Program Manager and Key Personnel Attached

c. Expenditure of Awarded Grant Fund

Ms. Rubin, the Program Manager and GSWA's Executive Director will manage the grant funds. She will be responsible for the drawdown of funds. As a seasoned non-profit professional and oversees all of GSWA's financial activities, Ms. Rubin is well qualified to manage the expenditures necessary to achieve the goals of this program. GSWA has accounting and payroll software and procedures in place necessary to maintain strict controls over how this funding will be expended, in accordance with the goals set in the milestone chart.
Sue Levine, GSWA's Director of Finance and Human Resources, is responsible for GSWA's financial management. Ms. Levine has a B.A. in Economics and Finance and an M.B.A. from Rutgers University.

5.0 Past Performances No relevant grants or cooperative agreements in the past three years.

7.0 Attachments

i. **Itemized Budget Sheet**
ii. **Letters of Commitment from Partners- - include financial commitment info here if applicable**
iii. **Resumes of the Project Manager and Other Key Personnel**
iv. **Proof of Non-Profit Status**

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Project: Developing a Youth Advocacy Corps to Identify and Implement Environmental Justice Solutions

Contribution of the Center for Natural Resources at NJIT, CNR-NJIT

Overall Summary

The Youth Advocacy Corp will work with the project partners to identify EJ issues in Paterson. The most likely issues that will arise are flooding, air quality, and human health.

The NJIT Team will work with k8-12 students to develop solutions to address these problems, while the Great Swamp Team will work with the students to develop an advocacy plan to increase awareness about the EJ issues they have identified, and encourage elected officials to fund the solutions that they have identified with the NJIT Team. Since flooding will most likely be the primary issue and green infrastructure one of the solutions, Rutgers in addition to providing technical support to both teams, will help the students install some of the rain gardens in areas the Youth Advocacy Corps has identified as priority areas. Below is a short discussion of some of the possible solutions to the anticipated EJ issues that the students identify.

The CNR-NJIT team will use the "Outlook" a 300 ft^2 virtual reality (VR) room located within the physical space of the Center for Natural Resources at NJIT. High school students in the Outlook will observe the neighborhood using Google Earth (Figure 1), and they could use the StreetView either through helmets or projected on a wall-size screen (Figure 2). For example, the emplacement of infrastructures in the streets will be explored using the software Sketchup (www.sketchup.com), (Figure 3). Alternatively, VR helmets could be used in a make-shift room at the local venue in Paterson, and the view will be projected on a large screen. The Virtual Reality approach is advantageous for pre and post site visit to the field sites by the students. Prior to the site visits, the students will gain familiarity with the sites and the surrounding area which allows them to better comprehend the situation on the ground. For post visit, the usage of real-size projection and the Sketchup software will facilitate discussion of options, and exploring various configurations of Green Infrastructures and/or optimal emplacement of sensors etc.

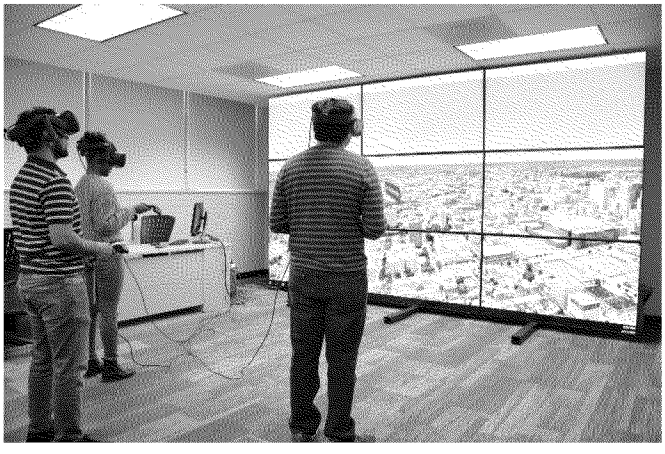

Figure 1: Outlook showing google earth view



Figure 2: Street view on the wall-sized screen

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Figure 3: Placement of infrastructures on sketchup software and understand them using virtual reality

Project 1: Flooding and Stormwater Management

The CNR-NJIT will work with students to identify areas that regularly flood and help students select locations where green infrastructure (GI) can be installed to help remedy these flooding issues. Figure 4 obtained from EPA EJScreen shows the areas with flood risk in Paterson. While green infrastructure cannot be used to control flooding from large storms, it can be effective for smaller rainfall events to help prevent localized flooding. NJIT will help the students understand the concept of hydrology and stormwater runoff using: 1) Lecture materials 2) Youtube videos, 3) Scaled-down physical models (3 feet x 3 feet) of watersheds and foam material (to simulate the role of infiltration), 4) Using Virtual Reality, such as the Outlook, and 5) Site visits. For the latter, the NJIT team will tour sites with students to select the best location for installing GIs and identify the most appropriate green technology system for the sites. The NJIT team, with support from Professor Obropta from Rutgers Extension, will educate the students on various GI practices and how they work and where to place them. In addition, the students will learn the design components of green infrastructures according to the best management practices manual in New Jersey (NJDEP). These include a catalogue of various GIs: Bioswales, rain gardens,permeable pavement, green roofs, infiltration ponds and planter boxes.

The main deliverable for this project is a green infrastructure plan for a neighborhood that identifies locations to install specific green infrastructure practices. A secondary deliverable is several designs of green infrastructure practices like rain gardens or bioswales. Ideally, the students will work with the project partners to implement these deliverables.

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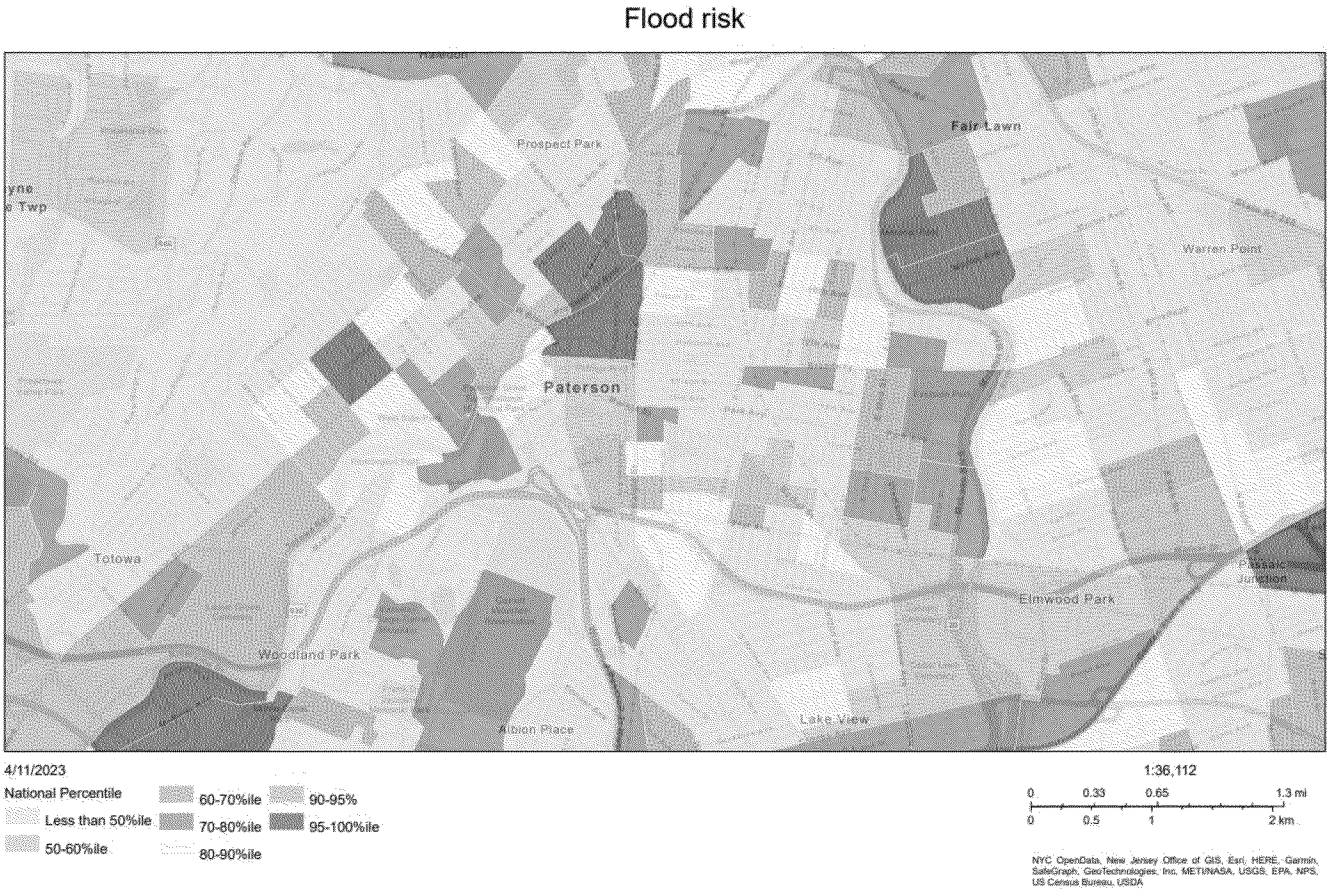

Figure 4: EJScreen report on the flood risk areas in Paterson, NJ (also attached a PDF for better quality)

Project 2: Air Quality

Air quality is a critical issue in all urban areas, particularly in New Jersey. Figure 5, 6, 7 shows the air quality risks in Paterson obtained from EPA EJScreen. Vehicle and factory emissions, the heat island effect, lack of vegetation to filter the air contribute to these problems, resulting in children and adults with asthma and chronic breathing illnesses. For this project, the CNR-NJIT team will work with the students in the Youth Advocacy Corps to help them better understand the science behind air quality issues and what can be done to address these issues. Through lectures and training on air sensors by the CNR-NJIT personnel, students will learn about the six criteria air pollutants determined by the EPA, which are: particulate matter, ozone, nitrogen dioxide, carbon monoxide, lead, and sulfur dioxide, along with hazardous air pollutants (HAPs). In addition, the team will address additional aspects of air pollution, such as sources of air pollution, health and environmental impacts of air pollution, air quality monitoring, and air pollution mitigation. The training material will be developed based on multiple sources, including EPA's website, case studies, and lessons learned from the previous related initiatives in Paterson and other urban/suburban areas. The CNR-NJIT team will coordinate with Steve Morlino Ex. 6 - Personal Privacy (PP) , EPA's Local Indoor Air Quality Champions from Newark Public Schools, for his support in developing the training materials, especially on indoor air quality. While eliminating the

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causes of air quality issues requires a complex set of programs and regulations, implementing strategies to protect residents from the effects of poor air quality may be a little easier for the Youth Advocacy Corps. The NJIT team can work with the students to design an air quality monitoring program that could be used to identify hot spots in Paterson and the times of day when conditions are the worst. The students can select air monitoring equipment and identify where to place it. We will rely on information from the EPA's Air Sensor Toolbox, especially "A Guide to Siting and Installing Air Sensors" (https://www.epa.gov/air-sensor-toolbox/guide-siting-and-installing-air-sensors) for site selection and installation of the sensors. The key determining factors, including target monitoring location, placement, security of the sensors, accessibility of the area, power availability, and reliable communication, will be considered. A workshop will be conducted to ensure the students are proficient in installing and operating the sensors. Before actual installation, each student will be requested to propose potential sites that they identify based on the guidelines. Then, the plan will be reviewed by the instructor, and the final installation site will be recommended. The student can identify home air filters that can be used by residents during critical air quality times.

The deliverable for this project would be a plan for an air quality monitoring network in Paterson. It could also result in deploying a small portion of this network as an example of how the air quality monitoring system would work.

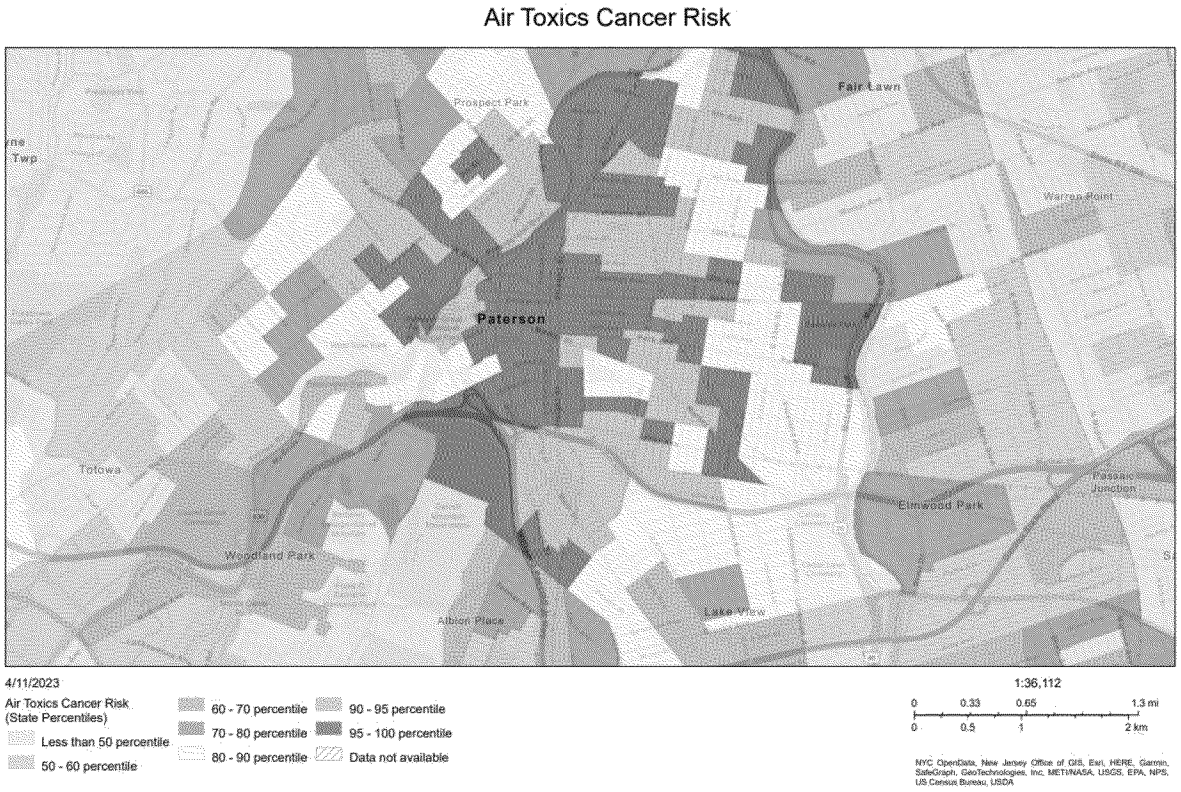

Figure 5: EJScreen report on the air toxics cancer risk in Paterson, NJ (also attached as PDF)

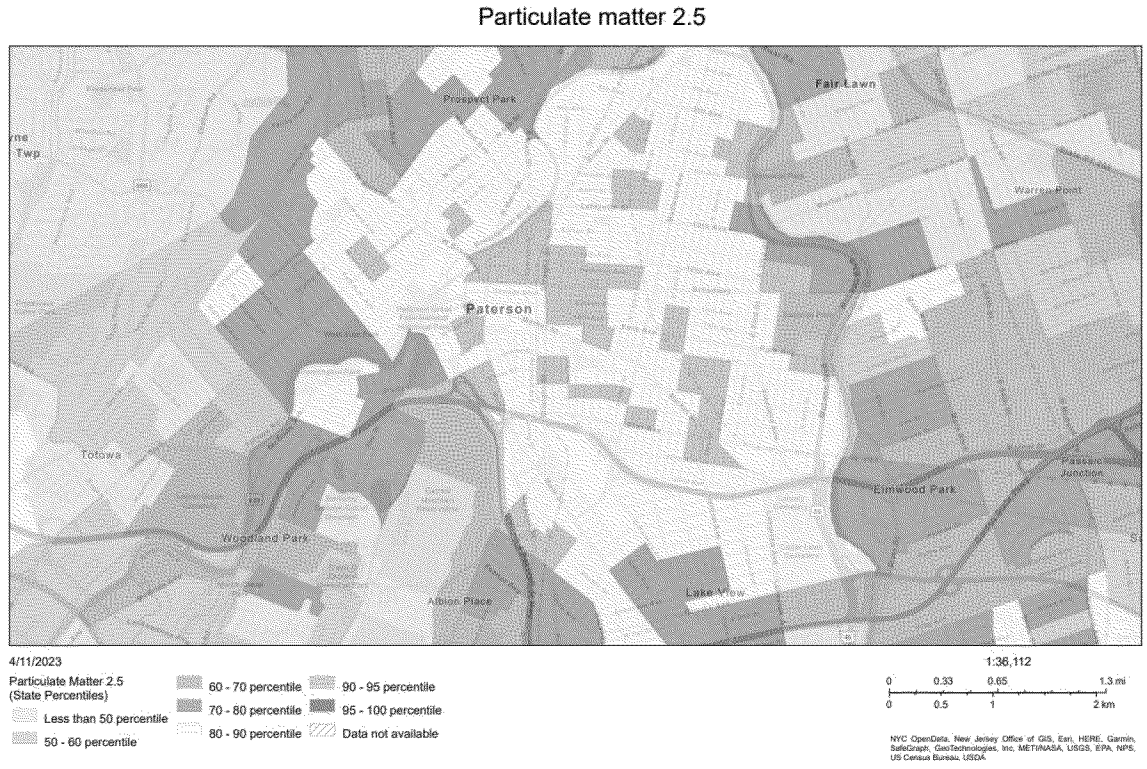

Figure 6: : EJScreen report on particulate matter 2.5 in Paterson, NJ (also attached as PDF)



Figure 7: EJScreen report on ozone level in Paterson, NJ (also attached as PDF)

Project 3: Human Health

One major concern with EJ issues is the impact on human health. Many urban areas suffer from a wide range of factors that impact the health of urban residents. Lack of fresh produce is one major factor. Another is the lack of green space (Figure 8). Research has shown that children who live within five minutes of green space are healthier than those that live 20 minutes from green space. Through lectures by the CNR-NJIT personnel, students will learn about the human health issues with lack of green space as a concern and ways to improve it. This project will be implemented as an interactive activity workshop which will include identifying vacant lots in Paterson that can be converted into green space, pocket parks, or community gardens. The community gardens can further be used to grow fresh produce. The CNR-NJIT Outlook (Virtual Room, please see above) will be used for this purpose where students can virtually visit Paterson areas, identify vacant lots and provide their solutions to convert them into environmental friendly areas.The deliverable for this project could be a plan of where to locate the features in the city and possibly convert one vacant lot into a pocket park or community garden. The students will work with CNR-NJIT to deliver the plan and help with the implementation of pocket park or community garden. CNR- NJIT will work with the project partners, stakholders and community to implement the garden.

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EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Ruth Ann | Middle Name: | Last Name: Norton | Suffix:

Title: President & CEO

Complete Address:

Street1: 2714 Hudson Street
Street2:
City: Baltimore | State: MD: Maryland
Zip / Postal Code: 21224-4716 | Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:** Ex. 6 Personal Privacy (PP)

E-mail Address: ranorton@ghhi.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Evan | Middle Name: | Last Name: Bryant | Suffix:

Title: Senior Accountant

Complete Address:

Street1: 2714 Hudson Street
Street2:
City: Baltimore | State: MD: Maryland
Zip / Postal Code: 21224-4716 | Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:** Ex. 6 Personal Privacy (PP)

E-mail Address: ebryant@ghhi.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Terri | Middle Name: | Last Name: Gittings | Suffix:

Title: Grant Manager

Complete Address:

Street1: 2714 Hudson Street
Street2:
City: Baltimore | State: MD: Maryland
Zip / Postal Code: 21224-4716 | Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:** Ex. 6 Personal Privacy (PP)

E-mail Address: tgittings@ghhi.org

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** | **First Name:** Ruth Ann | **Middle Name:**

Last Name: Norton | **Suffix:**

Title: President & CEO

Complete Address:

Street1: Ex. 6 Personal Privacy (PP)

Street2:

City: Baltimore | **State:** MD: Maryland

Zip / Postal Code: 21224-4716 | **Country:** USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:** Ex. 6 Personal Privacy (PP)

E-mail Address: ranorton@ghhi.org

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Green & Healthy Homes Initiative Inc.

* b. Employer/Taxpayer Identification Number (EIN/TIN): 52-1786577

* c. UEI: HYQKKGCH7XZ5

d. Address:

* Street1: 2714 Hudson Street
Street2:
* City: Baltimore
County/Parish:
* State: MD: Maryland
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: Ex. 6 Personal Privacy (PP)

e. Organizational Unit:

Department Name: State/Local Strategic Services

Division Name: Technical Assistance

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Ruth Ann
Middle Name:
* Last Name: Norton
Suffix:

Title: President & Chief Executive Officer

Organizational Affiliation: Green & Healthy Homes Initiative

* Telephone Number: Ex. 6 Personal Privacy (PP)
Fax Number: Ex. 6 Personal Privacy (PP)

* Email: ranorton@ghhi.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

1241-SF424 - Areas Affected by Project.pdf | Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Building Community Capacity and Advancing Environmental Justice to Address Racial Equity by Creating Healthy, Lead Safe and Climate Friendly Housing

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: MD-007 * b. Program/Project: NJ-012

Attach an additional list of Program/Project Congressional Districts if needed.

1242-Congressional Districts.pdf | Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 10/01/2023 * b. End Date: 09/30/2026

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	373,755.01
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	873,755.01

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name: Ruth Ann

Middle Name:

* Last Name: Norton

Suffix:

* Title: President & Chief Executive Officer

* Telephone Number: Ex. 6 Personal Privacy (PP) Fax Number: Ex. 6 Personal Privacy (PP)

* Email: ranorton@ghhi.org

* Signature of Authorized Representative: Wes Stewart * Date Signed: 04/14/2023

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Building Community Capacity and Advancing Environmental Justice to Address Racial Equity By Creating Healthy, Lead Safe and Climate Friendly Housing

1234-GHHI Letters of Commitment.pdf
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1235-EPA FORM 4700-4 XI Response Continued.pdf
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1236-GHHI Logic Model.pdf
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1237-GHHI EPA CPS Resumes.pdf
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1238-GHHI IRS 501c3 Determination Letter - 2016.pdf
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1239-GHHI EPA EJ CPS Itemized Budget.pdf
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1240-GHHI EPA Letter of Commitment.pdf
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Application
New
2023-04-14
Green & Healthy Homes Initiative Inc.
52-1786577
HYQKKGCH7XZ5
2714 Hudson Street
Baltimore
MD: Maryland
21224-4716
USA: UNITED STATES

State/Local Strategic Services
Technical Assistance
Ruth Ann
Norton

President & Chief Executive Officer
Green & Healthy Homes Initiative
Ex. 6 Personal Privacy (PP)
ranorton@ghhi.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
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ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
1241-SF424 - Areas Affected by Project.pdf
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Building Community Capacity and Advancing Environmental Justice to Address Racial Equity by Creating Healthy, Lead Safe and Climate Friendly Housing
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c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Ruth Ann
Norton

President & Chief Executive Officer
Ex. 6 Personal Privacy (PP)
ranorton@ghhi.org
Ex. 6 Personal Privacy (PP)
Wes Stewart
2023-04-14

1243-GHHI EPA EJCPSG Project Narrative.pdf
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Green & Healthy Homes Initiative, Inc.
2714 Hudson Street
Baltimore
MD: Maryland
21224-4716

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Ruth Ann Norton
EX. 6 - Personal Privacy (PP)
ranortong@ghhi.org
President & CEO
Y: Yes
N/A
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N/A
N: No
Y: Yes
Y: Yes
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Y: Yes
Yes. Erika Buffaloe, Director of Human Resources, Ex. 6 Personal Privacy (PP)
ebuffaloe@ghhi.org, EX. 6 - Personal Privacy (PP) fax, EX. 6 - Personal Privacy (PP) phone
Yes. GHHI does not discriminate on the basis of race, color, national origin, sex or handicap. Attached: GHHI's Employee Grievance Procedures-Section 403 Employee Concerns: Mediation Process from Employee Handbook & GHHI's Public Client Grievance Procedures, complying with 40 CFR 5 & 7. Due to space constraints, this response is continued as an attachment and has been uploaded to the attachments form. The file name is: EPA FORM 4700-4 XI Response Continued.
Wes Stewart
President & Chief Executive Officer
2023-04-14

Ruth Ann
Norton

President & CEO

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USA: UNITED STATES

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Evan
Bryant

Senior Accountant
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Terri
Gittings

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USA: UNITED STATES

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USA: UNITED STATES

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ranorton@ghhi.org

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z6+wX/DVtlYBCv0VIpgvasIWJAc=
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Wes Stewart
GRANT13862102

Internal Revenue Service
P.O. Box 2508
Cincinnati, OH 45201

Department of the Treasury

FEB 0 5 2016

Date: January 20, 2016

GREEN & HEALTHY HOMES INITIATIVE INC
2714 HUDSON STREET
BALTIMORE, MD 21224

Person to Contact:
M. FIELDS
Toll-Free Telephone Number:
Ex. 6 - Personal Privacy (PP)
Employer Identification Number:
52-1786577
Form 990 Required:
Yes

Dear Sir or Madam:

This is in response to your request dated January 6, 2016, regarding your tax-exempt status.

We issued you a determination letter in November 1994, recognizing you as tax-exempt under Internal Revenue Code (IRC) Section 501(c)(3).

Our records also indicate you're not a private foundation as defined under IRC Section 509(a) because you're described in IRC Sections 509(a)(1) and 170(b)(1)(A)(vi).

Donors can deduct contributions they make to you as provided in IRC Section 170. You're also qualified to receive tax deductible bequests, legacies, devises, transfers, or gifts under IRC Sections 2055, 2106, and 2522.

In the heading of this letter, we indicated whether you must file an annual information return. If a return is required, you must file Form 990, 990-EZ, 990-N, or 990-PF by the 15th day of the fifth month after the end of your annual accounting period. IRC Section 6033(j) provides that, if you don't file a required annual information return or notice for three consecutive years, your exempt status will be automatically revoked on the filing due date of the third required return or notice.

For tax forms, instructions, and publications, visit www.irs.gov or call Ex. 6 Personal Privacy (PP) Ex. 6 - Personal Privacy (PP)

If you have questions, call Ex. 6 - Personal Privacy (PP) between 8 a.m. and 5 p.m., local time, Monday through Friday (Alaska and Hawaii follow Pacific Time).

Sincerely yours,

Jeffrey I. Cooper
Director, Exempt Organizations
Rulings and Agreements

EPA Environmental Education Local Grants Program for Region 3
Applicant: Green Healthy Homes Intiative
2714 Hudson Street, Baltimore, Maryland 21224

Category	Description	Total
Personnel	**President and CEO**- Ruth Ann Norton @ Ex. 6 Personal Privacy (PP) of time on project = Ex. 6 Personal Privacy (PP) **Project Director** - Bert Cooper @ Ex. 6 Personal Privacy (PP) of time on project = Ex. 6 Personal Privacy (PP) **Project Director**- Catherine Lee @ Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) of time on project = Ex. 6 Personal Privacy (PP) **Healthy Housing Trainer and SME** - Hector Moreno @ Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) of time on project = Ex. 6 Personal Privacy (PP) **Senior Vice President of Policy & Innovation** - Michael McKnight @ Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) of time on project = Ex. 6 Personal Privacy (PP) **Senior Advisor** - Wes Stewart @ Ex. 6 Personal Privacy (PP) of time on project - Ex. 6 Personal Privacy (PP) **Senior Environmental Health Training Specialist**- Celesia Rouson @ Ex. 6 Personal Privacy (PP) of time on project = Ex. 6 Personal Privacy (PP) **Community Recruitment and Engagement Specialist** - Khari Muhammad @ Ex. 6 Personal Privacy (PP) of tyime on project = Ex. 6 Personal Privacy (PP) **Director, Policy & Innovation** - Wynn Tucker@ Ex. 6 Personal Privacy (PP) of time on project = Ex. 6 Personal Privacy (PP) **Digital Media/Community Campaigns** - Sade McKoy @ $ Ex. 6 Personal Privacy (PP) of time on project = Ex. 6 Personal Privacy (PP) **Vice President Communications and Marketing** - Beth Bingham @ Ex. 6 Personal Privacy (PP) of time on project = Ex. 6 Personal Privacy (PP) **Region 2 Data Manager**- Isabel Shargo @ Ex. 6 Personal Privacy (PP) of time on project = Ex. 6 Personal Privacy (PP)	$433,778.68: EPA Share-$232,579.90; Match Share-$201,198.78
Fringe Benefits	The fringe rate for all staffpersons is 22%; Fringe Benefits for all staff includes: medical, dental, vision, life/disability insurance, 403(b), FICA	$95,431.31; EPA Share-$51,167.58; Match Share-$44,263.73
Travel	Local Travel - 14 units @ $1,500 = $21,000; Non-local Travel - 500 units @ $30 = $15,000; Total travel - $21,000 + $15,000 = $36,000	$36,000; EPA Share-$36,000; Match Share-$0
Equipment		$0.00
Supplies	Training Supplies - 38 units @ $300 = $11,400 Meeting Expenses and Supplies - 72 units @ $150 = $10,800 Community Engagement and Awareness Supplies - 36 units @ $400 = $14,400 Online Media and Project App and Marketing Materials - 16 units @ $250 = $4,000 Printing (bilingual) - 5 units @ $501.54 = $2,507.68	$43,107.68; EPA Share-$43,107.68; Match Share-$0
Contractual		$0.00

EPA Environmental Education Local Grants Program for Region 3
Applicant: Green Healthy Homes Intiative
2714 Hudson Street, Baltimore, Maryland 21224

Category	Description	Total
Construction		$0.00
Other	Telecommunications and Online Training Platforms - 36 units @ $350 = $12,600 CBO Subgrants - 3 units @ $15,000 = $45,000 - 0% Match GHHI Natonal Executive Leadership Institute (ELI) - 12 units @ $4,000 = $48,000 - 100% Match National Decarbonization and Electrification Convening - 12 units @ $1,500 = $18,000 - 100% Match	$123,600; EPA Share-$57,600; Match Share-$66,000
Indirect Charges	GHHI's negotiated rate is 20%. Subgrants are calculated at 10%. Direct costs are $375,455.16 x 20% = $75,044.84. Subgrant costs are $45,000 x 10% = $4,500.	$141,837.34; EPA Share-$79,544.84; Match Share-$62,292.50
	Total	$873,755.01; EPA Share-$500,000; Match Share-$373,755.01

1.0 PROGRAM OBJECTIVES a. Project Summary Page

Project Title: Building Community Capacity and Advancing Environmental Justice to Address Racial Equity By Creating Healthy, Lead Safe and Climate Friendly Housing

Project Location: States of New Jersey, New York; Territories of Puerto Rico, US Virgin Islands

Applicant Information: Green & Healthy Homes Initiative (GHHI), Ex. 6 Personal Privacy (PP) Baltimore, MD 21224-4716 (Primary Contact: Ruth Ann Norton, President and CEO; ranorton@ghhi.org; Ex. 6 - Personal Privacy (PP)

Organization Description: GHHI is the nation's healthy housing leader with three decades of proven accomplishments in advancement of programs, policies and practices to eradicate lead poisoning and reduce asthma episodes. A non-profit organization dedicated to addressing the social determinants of health and racial disparities, GHHI was founded in Baltimore in 1986 in response to the twin tragedies of unhealthy housing and lead poisoned children. GHHI has remained a community-based service provider while the scope of GHHI's work has grown nationally to encompasses the development of comprehensive program services that create lead safe, healthy and energy efficient housing for low income communities.

Are you Applying for the Small CBO Set Aside Track: No

Project Abstract: The Green & Healthy Homes Initiative model transforms the approach to health-based housing interventions and the associated issues of environmental justice through a holistic approach to creating healthy, lead-safe and climate friendly homes for our most children and seniors in historically disinvested communities. With EPA funding, GHHI will provide 73 trainings, 6 multi-day Boot Camps, and ongoing technical assistance in working with local community-based organizations, government agencies and other stakeholders in EPA Region 2 to build local capacity and help scale preventive healthy homes services for environmental assessments, resident education and housing interventions. Increased services locally will improve the health of low-income families and seniors by reducing asthma triggers and lead hazards as well as conducting important energy efficiency interventions to improve occupant health and reduce energy consumption and carbon emissions for vulnerable families. GHHI will provide trainings for community organizations and government agencies on how to implement the comprehensive Green and Healthy Homes intervention model, how to braid federal, state and local resources, and help facilitate new cross sector partnerships and collaboratives across the health, housing and energy sectors in New Jersey, New York, Puerto Rico and the US Virgin Islands. This work will strengthen partnerships to support a comprehensive, whole-house approach to creating healthier housing, access resources to build a well skilled healthy housing contractor base in impacted communities and most importantly increase the capacity of our local community-based organizations to access and implement preventive resources across sectors to create healthier homes, communities and people.

Project Type(s): Training and Demonstration **Special Considerations:** Climate Change

Environmental Issue: Indoor Air Quality, Lead Hazards, Indoor Allergens, Carbon Emissions

List of Project Partners: CBO Subgrantees Newark Water Coalition, Affordable Housing Coalition and Center for Puerto Rico; WE ACT (CBO), BlocPower (energy-WFD CBO), New Jersey Board of Public Utilities (state gov.-energy), New Jersey Dept. of Health (state gov.-health). Puerto Rico Health Department (territory gov.-health), NJ Future & Lead Free New Jersey (policy), and The Fund for New Jersey (philanthropy). **Will you need to develop a QAPP:** No

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b. Environmental and Public Health Information of the Underserved Community: Home-based environmental health hazards and energy inefficiency housing disproportionately impacts impoverished communities and denies children the opportunity to reach their full potential. 535,000 children in the US are lead poisoned with 23 million homes containing lead paint hazards and 6.1 million homes with lead service lines. 25 million Americans have asthma resulting annually in: 2 million ER visits, 500,000 hospitalizations, 14.4 million missed school days and 14.2 million missed work days. 40% of asthma episodes are caused by triggers in the home, and we have the knowledge and best practices to address these preventable asthma events. Low-income families spend 20% of their income on home energy bills -- 6 times more than average households. Families and seniors in poverty in New Jersey, New York, Puerto Rico and the Virgin Islands disproportionately live in unhealthy, energy inefficient homes causing ill health (lead poisoning, respiratory disease, injury) and destabilization (due to high energy costs, high maintenance costs and unlivable conditions). In New Jersey, 1.9% of children under age six in the state were poisoned by lead in FY 2021 with 3,016 children under age six diagnosed with EBLs ≥5 µg/dL. Trenton has the highest rate of lead poisoning compared to other major municipalities in the state, with 6.4% of children under age six diagnosed with an EBLL ≥5 µg/dL. In FY 2021, Newark had the highest total number of children under age 6 diagnosed with an EBL compared to other major municipalities in New Jersey with 384 children under age six with EBLs. Trenton and Newark residents experience higher burdens from asthma as well. 2020 data show age adjusted rates of asthma for ED visits statewide to be 2,488 per 10,000 compared to a rate of 3,236 per 10,000 in Essex County (Newark) and 3,523 per 10,000 in Mercer County (Trenton). In Newark, the median income is $41,335 and 25.8% of residents are living in poverty. Trenton's median income is $39,718 with 27.7% of Trenton residents living in poverty. Residents in both Trenton and Newark experience higher energy burden compared to the state overall with low income households in Trenton showing the highest energy burden compared to the statewide rates. In New York, the rate of childhood lead poisoning ≥5 µg/dL for children 6 years of age or younger in the state is 10.4 per 1,000 children tested. In New York City, the rate children under age 6 with lead levels ≥ 5 µg/dL is 6.7 per 1,000 children tested and the rate in Albany County is 34 per 1,000 children tested. In New York City, the rate of children who received at least one test indicating an EBLL was 10.8 per 1,000 children. Asthma hospitalization rates in NYC and Albany are 11.3 and 12.7 per 10,000 respectively, compared to 7.2 per 10,000 for the state overall. Within the City of Albany, the median income is $52,583 and 21.7% of residents live in poverty. In New York City, the median income is $70,663 and 17% of people live in poverty. In Puerto Rico, Puerto Ricans has among the highest rates of asthma rates in the world with the disease affecting 14.2 percent of Puerto Rican residents. As many as 40% of residents with asthma visit the ER annually due their asthma. EBL blood lead prevalence rates for children under six in Puerto Rico is estimated at over 3%. 54% of the homes were built before 1978. The median household income is $21,967 in Puerto Rico and 40.5% of the population lives in poverty. In the US Virgin Islands, more than 6.3% of the adult population has asthma. Blood lead data was not available for the US Virgin Islands. The median household income is $40,408 and 32.5% of the population lives in poverty.

c. Organization's Historical Connection to Underserved Community: GHHI is a racial justice and environmental justice founded community-based organization that has been providing direct prevention services in Baltimore City and other at risk low income communities in the US on

lead poisoning prevention and healthy homes since 1994 including 75 current jurisdictions and healthcare partners -with a goal for children to come to school ready and able to learn. GHHI has been working on lead poisoning prevention and healthy housing initiatives in low income communities in Newark and the State of New Jersey since 2014 and the State of New York since 2009. GHHI provides direct community-based services in Trenton in leading the Governor's groundbreaking Whole House Pilot Project in coordination with the New Jersey Board of Public Utilities, the Comfort Partners state utility energy efficiency program and its weatherization contractors, and local community partners that are conducting lead hazard remediation and healthy homes services. GHHI Trenton staff are directly coordinating lead hazard reduction interventions and energy efficiency retrofits in 100 low income homes in Trenton. GHHI has served as a technical advisor to the New Jersey Department of Health and The Fund for New Jersey foundation in developing a comprehensive State of New Jersey Lead Poisoning Prevention Strategic Action Plan in 2018 and helping provide technical assistance to local governments and community agencies in developing and implementing lead prevention strategies. GHHI is a member of the New Jersey Lead Free Coalition and local advisory boards. In the State of New York, GHHI has longstanding partnerships since 2010 in providing technical assistance at the local government and community service provider level in Buffalo, Greater Capital Region (Albany, Schenectady, Troy), Syracuse/Onondaga County, and Utica/Oneida County to develop holistic housing assessment and intervention programs to improve health outcomes. In New York City, GHHI leads a $4.3 million value-based payment project where asthma education services by local CBO AIRNYC are being coordinated with asthma trigger reduction interventions being conducted by energy efficiency provider AEA for 850 clients. GHHI has committed to work with the Puerto Rico Department of Health to assist in advancing lead poisoning and asthma prevention initiatives. GHHI's Hector Moreno, a Puerto Rican native who has worked on environmental health and comprehensive healthy housing and weatherization models for over twenty years in the United States, has returned to San Juan to help lead GHHI's collaborations and partnerships in Puerto Rico and US Virgin Islands. Built on a collaborative platform, GHHI's strength is as a convenor of key stakeholders to continue to advance new innovations in the green and healthy homes field in each of these communities.

d. EJCPS Model: GHHI's proposed program encompasses all 7 elements of the EJ CPS Model.

CPS Element 1: Issue Identification, Community Vision, and Strategic Goal Setting. Working with stakeholders in over 40 communities throughout Region 2, GHHI works with community residents and stakeholders to address the impact of unhealthy housing and environmental justice through community informed asset and gap analysis, interviews with residents on lived experience and review of public and health data sets to form a community vision and strategic action plan to address key environmental health impacts of unhealthy housing including lead poisoning, asthma, injury and energy burdens. The GHHI EJ collaborative problem-solving approach looks at economic impacts and opportunities such as Justice 40 workforce development to create opportunities for residents to become certified contractors and risk assessors and business owners to help scale healthy and climate friendly housing rehabs and retrofits. By offering education, capacity and skill building partnerships, GHHI works with communities to set key goals and clear steps to reach the goals including sustained funding models. GHHI has spurred over 150 sustained community driven strategies to create holistic healthy, lead safe and climate friendly homes driven through fellow community-based

organizations and allies. True capacity building takes time and the willingness to go deep after generations of disinvestment and disregard. By helping to build broad competencies for a holistically healthy housing approach, communities can build goals around better health (lower asthma, lead poisoning, injury and emotional stress), economic (work, wages and wealth building through jobs and improved housing stability) and social outcomes (lower crime, better educational attainment) in ways that address core community values and needs for environmental justice. **CPS Element 2: Community Capacity-Building and Leadership Development**. Capacity building will include teaching skills to access and align, braiding and coordinated funding to scale efforts to address unhealthy housing. Through workshops, trainings, boot camps and ongoing technical assistance, CBOs, government agencies, contractors and community health workers and related stakeholders will learn how to access resources and implement evidenced-based programs, build skilled program management and how to implement ethical data collection to build sustained practices and strong impact evaluation. Building effective leadership, strong program management and sustained funding is a 30-year hallmark of GHHI that will be a focus of the Region-wide boot camps, workshops and online training – including mentoring sessions and onsite coaching. **CPS Element 3: Consensus Building**. GHHI's capacity building model is built on a collaborative learning network to ensure effective partnerships and sustained success built on a common vision for continual evolution of the work. Using evidence, data and community informed experience, the collaborative approach allows organizations to build trust and build on each other's strengths toward greater efficiencies and common goals. GHHI depth of experience in working in diverse demographics, culture, and legislature helps to create trusted learning environments toward consensus building, The use of an asset and gap analysis also creates a foundation for consensus building as it is built on data, fact finding and learning from community interviews. **CPS Element 4: Multi-Stakeholder Partnerships and Leveraging Resources**. The GHHI Model's focus is completely related to multi-stakeholder partnerships and leveraging resources from different organizations and different funding sources to efficiently, comprehensively deliver healthy housing services to those in need. This not only saves money, but saves residents the hassle of engaging with multiple organizations for intake and income verification processes, housing assessments, and follow-ups. The model even includes scheduling healthy housing interventions in a way that is convenient for the resident. The GHHI model reduces the administrative burden to the underserved community through partnerships that ensure residents engage with one agency for intake, housing intervention coordination, and quality control assessments. GHHI will train participants on the GHHI Model to help each jurisdiction begin the process of establishing common vision, goals, and objectives for either implementing the GHHI Model, or strengthening the existing GHHI Model ecosystem with additional capacity building provided in the proposed program. **CPS Element 5: Constructive Engagement by Relevant Stakeholders**. GHHI's extensive experience in engaging CBO's, NGO's, government, healthcare, philanthropy and the private sector in learning networks to solve environmental justice issues has been built on constructive, goal-oriented engagement. Each partner brings distinct strengths, expertise, resources and skills to share and understand the mutual benefits of eliminating disparities and building equity through better environments and health. By offering technical expertise to ignite community problem solving, communities and the core CBO's driving change are strengthened and supported by its broader community ecosystem.

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GHHI's experience and expertise with technical assistance contributes to a keen understanding of stakeholder engagement, as well as the relevancy and specific contributions each stakeholder needs to make to maximize positive impact to the community. GHHI's success throughout the country is a testament to consistently following the principles and elements of the problem-solving model. **CPS Element 6: Sound Management and Implementation**. GHHI has proposed an exceptional program management team with vast experience in strategizing, managing, and coordinating collaborative efforts to advance healthy housing objectives. GHHI is focused on tangible outcomes and developing strategies tailored to community needs and service deficits. Clear commitment from partners has already been established through preexisting partnerships and attached letters of commitment detail the nature of such partnerships. All partners will be invited to attend the available trainings and every training participant will complete a pre- and post- competency assessment to capture pertinent information to inform the training process and to evaluate training effectiveness. The focus on management of the GHHI Model is intentional to help CBOs and other organizations that typically need capacity building support for implementation efficiency and effectiveness. **CPS Element 7: Evaluation, Lessons Learned, and Replication of Best Practices**. Tracking progress is a consistent priority throughout the proposed program. GHHI will conduct surveys and pre/post test to capture pertinent evaluation data. Capturing such data will not only give GHHI an opportunity to evaluate program activities, but also make adjustments throughout to improve program activities throughout the duration of the program. GHHI consistently shares best practices, data, and success stories with housing stakeholders nationwide. GHHI works tirelessly to advance healthy housing practices throughout the country. Evaluation results are critical to demonstrate the effectiveness of GHHI Model and collaborative healthy housing partnerships. **e. Project Linkages:** Program activities directly support Clean Air Act and TOSCA objectives as well as EPA Strategic Plan Goal 2, Objective 2.1 by building capacity and promoting climate resilience, as well as maximizing benefits to underserved communities. Building capacity for CBOs and local/state government agencies to provide more comprehensive healthy housing services, that include energy efficiency services, will also increase efficiency and cost savings for Justice40 climate change goals. Underserved, low-income communities do not have the financial means to acquire healthy housing services. These services are typically grant funded from federal, state, local, and philanthropic sources. GHHI has advocated for the efficient use of these funds to maximize collective opportunity for achieving climate goals and safe, healthy housing at lower costs, in less time. This project will also address federal strategy to promote equity for federally recognized tribes. New York State is home to 8 Federally-recognized tribal nations that will be invited and encouraged to participate in healthy housing training and capacity building activities. **f. Partners and Collaborate:** GHHI will bring together strong local CBO partners as well as key stakeholders from the health, housing, energy, government and philanthropic sectors. These partnerships will synergize capacity at the community, local and state level and utilize innovative strategies and funding through groundbreaking cross sector collaboratives that produce asthma and lead poisoning preventive services at scale and reduce energy burdens and carbon emissions through increased energy efficiency services. GHHI partners in the anchor cities of Trenton, Newark, New York City, Albany/Greater Capital Region and San Juan will receive extensive training and technical assistance that they will implement and demonstrate best practices and improved health outcomes for lead poisoning and asthma.

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GHHI proposes to enhance its focus on community driven change and public/private partnerships and investments with the goal of substantially improving health, economic, social and climate change mitigation outcomes for low income households in the four target states and territories by also offering trainings and technical assistance statewide to supplement the concentrated work in the anchor jurisdictions. GHHI has a strong track record of engaging CBOs and service providers with cross sector leaders and agencies stakeholders to create systems change. For this grant, GHHI is partnering with key CBOs and stakeholder organizations in public (government) and private (philanthropy, health insurers) sectors as well as key drivers of change in health, housing and energy arenas that will build transformational collaboratives locally. GHHI will partner with these lead partners but will also be convening broader CBO partnerships to receive training and technical assistance and to get exposure to new network partners to help improve lead, asthma and climate change mitigation outcomes. Key initial committed CBO and multi-sector partners: New Jersey: Subgrantee Newark Water Coalition (Newark CBO) New Jersey Board of Public Utilities (state government/energy), The Fund for New Jersey (philanthropy), New Jersey Department of Health (state government/health), New Jersey Future and Lead Free NJ (CBO-policy); New York: Subgrantee Affordable Housing Coalition (Greater Capitol Region CBO), BlocPower (energy and WFD NYC CBO), Affinity by Molina (healthcare), WE ACT (NYC CBO), Black Millenials 4 Flint (CBO); Puerto Rico: Subgrantee Center for Puerto Rico (San Juan CBO), Puerto Rico Health Department (territory government/health) and Affinity by Molina (healthcare). In the US Virgin Islands, GHHI will provide trainings for CBOs and government agencies and explore more formal partnerships with local agencies over the course of the grant after developing a full strategy for the territory in partnership with EPA. Subgrantees Newark Water Coalition, Affordable Housing Coalition and Center for Puerto Rico are committing to be lead CBO convenors in their jurisdictions and states as a community-based partner convenor of CBOs and other partners, and work with GHHI to help train and build funding and capacity for increased resident education and housing intervention services for low income homes for lead, asthma and energy.

2.0 Project Activities/Milestone Schedule a. Project Activities

Capacity Building: GHHI's CBO Training and Technical Assistance plan for this grant is to build community level capacity and skill sets, dynamic cross sector partnerships (Health, Housing, Energy, Federal/State/Local, Philanthropic) integrated service delivery models, and increased housing services funding to meet the demand in low income communities. By building greater capacity in and through our community-based organizations and effectively equipping community stakeholders how to access and align funding from all sectors to scale the stock of affordable, healthy and climate friendly homes, GHHI will help close the gaps on health and racial disparities and build community resiliency through targeted workforce training, skill building and strategic resource deployment that will ensure the lift and leadership of long overlooked communities. Indoor environmental exposures, particularly allergens and lead paint, soil and water hazards, are major contributors to lead poisoning and asthma morbidity and as such environmental control services aimed at reducing these exposures are an integral component of comprehensive lead prevention and asthma management strategies. Physical and social determinants of health related to the indoor environment are known to be contributing causes of asthma morbidity and exacerbations and disproportionately burden populations, especially children and minorities, rendered systematically vulnerable by

underlying social structures and political, economic and legal institutions. The health, educational and economic burden of asthma and lead poisoning in the United States is substantial and demands an innovative strategy to change systems at the state and national level while implementing programs that are successfully tailored to meet the community needs at the local level. Through the efforts outlined in this proposal, GHHI will provide the training to equip CBOs and local government agencies with the tools and capacity to not only addresses health and environmental issues but reduces energy consumption and costs while improving housing stability for impoverished families and neighborhoods that are disproportionately impacted by unsafe housing. GHHI has established a proven model to align, braid and coordinate public and private sector investments in a holistic approach to deliver healthy, safe and energy efficient housing interventions. In the broader healthy homes landscape, GHHI focuses on effective implementation at the ground level by working in communities and capturing directly the data and lessons learned to continue improving standards, effectiveness, environmental and health impacts and to build the local business case for increased investments. GHHI will serve as a connector between the fields of energy efficiency and healthy housing to leverage opportunities for collaboration and to look at energy and non-energy benefits (health, income retention, climate change mitigation) of integrated funding streams. GHHI will build local capacity at CBO organizations by GHHI helping connect CBOs with state and local government agency partners, healthcare insurers and providers, and climate funders to build sustainable platforms for healthy homes and energy efficiency services.

GHHI will train CBO services providers and agency stakeholders how to cut across silos and work on a collaborative platform for collective impact, by building capacity at the local level through establishing local leadership, shared data, holistic interventions and effective partnerships. * Align: Share a common application, intake, home assessment, intervention, and data platform; * Braid: Optimize and leverage funds and resources from multiple programs to drive outcomes; and * Coordinate: Cross-train field agents, leverage collaboration tools and deliver new financing sources. CBOs will be taught how to coordinate multiple programs' interventions which drives: * Cost Savings,* Efficiency for Households, * Better Outcomes, * New Funding, and * Reduction in Client Barriers: Without coordination, each program by itself often defers the client and refuses to take on the project because other work is also needed from a different funding source. Community-based leaders (Outcome Brokers) and Community/Site Engagement Capacity Building trainees that receive GHHI trainings and TA will create more community-based leaders and non-profit agency capacity to serve directly at the grass roots level in advancing the healthy homes and lead poisoning prevention strategies. Armed through local TA and trainings on evidence based, holistic service delivery models, such as the one GHHI has developed and is implementing will prove crucial so that all families are not trapped within the unhealthy barrier of disconnected services that exists today in most cities. Local communities and cross sector partners trained on this new holistic model is necessary to transform systems and policies to be able to meet the scale of need and produce fundamental changes in how preventive housing services are delivered. Training will be conducted for CBOs and local agencies on how to secure and then implement coordinated federal, state, local and private sector philanthropic funding. In addition to innovative healthcare funding, the Grant Program will teach service provides how to reduce barriers to weatherization enrollment and deferral rates and increase electrification and decarbonization

that will demonstrate how low income communities can access climate funds to more equitably gain access to new energy technologies that currently are not accessible to their low income households. Electrification-Decarbonization measures that replace gas appliances, install electric heat pumps and other energy efficient retrofits will reduce energy cost burdens while improving indoor air quality and particulate matter levels that improves respiratory health.

Training: All 73 trainings and boot camps courses will be planned and designed in consultation with local community-based partners and other stakeholders to build capacity in local networks of health, housing and energy professionals for preventive services. Each of these training courses will be accompanied by tailored mentorship, coaching, and technical assistance to help community partners implement preventive lead and asthma strategies in a coordinated and effective way with energy efficiency program services. GHHI's trainers will be available for one-on-one follow-ups to discuss real-time challenges during program development and delivery. GHHI will utilize culturally competent training materials with local resident education lead and asthma materials in Spanish and English for LEP populations. All GHHI materials are checked by trained, certified staff for technical accuracy and cultural appropriateness. Community Health Workers and Community Partners Lead and Asthma Awareness Trainings (8)/Healthy Homes 101 Trainings (8)/Health and Safety Assessment Training for CHWs (8) - Based on GHHI's experience in providing trainings for CHW, healthcare providers, home visiting program staff, GHHI training staff will provide trainings in the target area jurisdictions as well as offering virtual statewide trainings in New Jersey, New York, Puerto Rico and the Virgin Islands. The training curriculum will include core lead and asthma education competency, asthma care management including proper medication usage; assessing home-based asthma triggers and educating residents on reducing those triggers (e.g., smoking cessation); developing and utilizing the asthma action plan; connecting and linking services and clients with clinical care; and other lead, asthma and healthy homes education. In these trainings, participants will learn the necessary lead, asthma and healthy homes related content and skills to perform in-home resident educations for clients in their communities and become prevention ambassadors to increase community awareness and linkage to direct prevention services. Training will teach CHWs, environmental educators and nurses how to work with residents to determine adequate, sustainable, and cost-effective management strategies to address lea hazards and asthma triggers through trigger reduction and behavioral change and other home-based environmental health hazard remediation through local leverage resources. This training will support efforts to increase capacity and prepare community health workers, home visiting professionals and community advocates to provide educational, housing assessment and lead hazard and asthma trigger reduction client support services for clients enrolled in local programs. GHHI staff will complete webinar education on the root causes of asthma episodes, exposure routes, and health and safety impacts of asthma environmental health hazards and concludes with a review of best practices to effectively incorporate this information into resident teaching protocols and material to reduce asthma episodes and improve asthma related health outcomes. The curriculum will also include hands on and interactive training sessions with participants in the identification and evaluation of lead hazards, asthma triggers and environmental hazards. Healthy Homes 101 trainings will include broader healthy homes topics of mold, radon, asbestos, household safety and injury and other home-based environmental health hazards.

Comprehensive Assessment and Cross Trained Contractors (8) - Training provides an overview of the comprehensive assessment process and how to assess homes holistically. Training is composed of two days of training on comprehensive assessment of lead, asthma triggers, home-based environmental health hazards, and energy loss commonly encountered by weatherization and energy efficiency programs followed by training on environmental assessment, remediation techniques, and in conformance with HUD, EPA, DOE Safety Guidance, and other standards. Combines classroom instruction and hands-on assessment training in the field. The training session concludes with hands on exercises by participants in the identification of Healthy Homes hazards and the development of GHHI braiding strategies to address hazards that often result in client deferrals under current program practices. Green Jobs Workforce Development and Contractor Capacity Building (9) (HH, EE, EPA RRP Rule/Lead) – GHHI will conduct planning with CBOs to develop green jobs workforce development that provide local economic opportunity for local residents in low income communities though green jobs workforce development, training, hiring and job placement in the lead hazard remediation, healthy homes and energy efficiency contractor fields. GHHI is a national leader in best practices for comprehensive health and energy assessment, intervention, resident education, and wrap-around services to support consumer's health and housing needs, and improve energy efficiency. With EPA's support, GHHI will help local agencies build an infrastructure for green jobs training and certification that leads to greater capacity within the national healthy homes and energy-efficiency workforce, creates pathways for meaningful work in the health, housing and energy sectors for Section 3 residents, supports racial equity and increases economic opportunity and household income for unemployed and unemployed residents of black and brown communities. GHHI and local workforce development agencies will provide training to locally to build capacity in front line communities for green jobs worker and contractor related trainings and certifications so those services can be scaled and performed by community residents. GHHI will assist local CBOs in partnering with green jobs workforce development programs to increase contractor capacity to scaled housing intervention services such as with grant partner BlocPower's Civilian Climate Corps Program in New York City.

GHHI Integrated Model Boot Camps (Trenton/Newark/NY Greater Capital Region/New York City/San Juan/Virgin Islands)(6): GHHI Comprehensive Housing Assessment and Integrated Intervention Model - GHHI brings a wealth of green and healthy homes technical expertise on how to conduct comprehensive interventions that combine weatherization interventions with other lead hazard reduction and healthy homes interventions and in how to replicate best practices that will be provided by GHHI through local Boot Camp trainings by this grant. GHHI works across the country with energy, housing and healthcare providers to advance innovation in the field by analyzing cost benefits, educating stakeholders, building organizational capacity at the local level and creating integrated service models and new financing pathways (value-based payments, outcomes based financing, healthcare and philanthropic investment strategies) that drive cross sector health, energy and housing collaboration to address racial and health equity. CBOs and local stakeholders in each state and territory will be trained during the multi-day Boot Camps on how to utilize the Green and Healthy Homes Initiative comprehensive intervention model which is comprised of evidence-based practices that improve housing conditions, health outcomes, climate mitigation, quality

of life, and life trajectory. The holistic model integrates lead, healthy homes and energy efficiency resources including the following key components:

- Single stream client intake through a "no wrong door" process ensures clients access the multiple funding streams needed to address their needs and prevent client deferrals.
- In-home resident education provides the family with the knowledge and skills to address asthma triggers and other hazards and to sustain positive health outcomes.
- Comprehensive housing assessments and energy audits of the home environment to identify hazards that cause lead poisoning, asthma exacerbation, and energy loss.
- Integrated housing intervention model that addresses the whole home as a system.

Technical Assistance Trainings – Data and Evaluation (4): GHHI will provide local trainings on evaluation metrics, database platforms and tools to collect data that better measure local impact on health, energy, and climate that will build the business case for healthcare investment as well increase philanthropic and federal and state resources to scale services.

Technical Assistance: Region 2 includes a broad range of communities, with varying resources and different degrees of complexity and scale in their healthy housing and energy efficiency needs. Using deep, meaningful and transformative engagement through 19 in-person and virtual capacity building sessions as well as other ongoing technical assistance with our local CBOs and other agency partners in the four states and territories, GHHI will provide concentrated technical assistance and CBO capacity building in the HUB jurisdictions of Newark, Trenton, Greater Capital Region (Albany, Schenectady, Troy), New York City and San Juan while providing offering virtual trainings that are accessible to CBOs and agencies state and territory wide. Hands on education and training, technical assistance and tool kits from GHHI will assist state and local leaders in the design, development and effective implementation of lead poisoning prevention and asthma programs (including how to identify gaps, create infrastructure and funding development) that utilize best practices and innovative tools. Capacity Building Trainings (19) - Cross Sector Partnership Development – GHHI will assist with engagement with and development of cross sector partnerships with health, housing and energy sectors. EPA grant funding will allow GHHI to continue its national collaborative work by targeting Region 2 for the further integration of health interventions with energy efficiency and weatherization including programs to improve housing resiliency. The organization will advance the research, groundwork and results that have been achieved through GHHI partnerships with federal agencies (HUD, DOE, EPA), energy stakeholders (such as EEFA, BPI, New Jersey Board of Public Utilities, National Grid, NYSERDA and Connecticut Greenbank), health care providers and insurers (such as Affinity by Molina, Penn Medicine, Amerigroup, Blue Cross Blue Shield of North Carolina), Medicaid, Medicare Advantage plans, and others in spurring further development of health resources with housing and energy stakeholders to implement new comprehensive intervention methodologies. Braiding of Funding Sources -Training by GHHI on the techniques involved in aligning and braiding of funding sources and building the framework for comprehensive housing interventions. GHHI will teach CBOs how to leverage health, housing and energy funds to generate comprehensive interventions. This improved coordination among funding and housing program service providers, reduces client weatherization deferrals due to lead hazards through lead hazard remediation, conducts healthy homes interventions to reduce client deferrals due to other home-based environmental health hazards (mold, asbestos, safety hazards, radon) and will foster a sustainable, integrated

intervention model in New Jersey, New York, Puerto Rico and the Virgin Island that produces lead safe, healthy and weatherized homes. A key component will be detailed trainings and sharing of real world experiences on how to access but also to implement effectively new and increased energy efficiency, climate mitigation, lead hazard reduction funding from federal sources such as: Federal Inflation Reduction Act (IRA), billions in new Infrastructure and Investment Jobs Act funding for expanded DOE Weatherization Assistance Program (WAP) and Lead Service Line Replacement Programs, and HUD Lead Hazard Reduction and Healthy Homes Grants.

Securing Innovative Funding to Scale Services (9) - GHHI will provide training for CBOs and local and state agencies on how they can effectively partner with and utilize innovative funding from healthcare providers, health insurers and Medicaid/CHIP to improve health and social outcomes through integrated interventions that sustainable provide increased services capacity to improve lead and asthma outcomes. GHHI will provide technical assistance and train CBOs and local government agencies in how to pursue and obtain innovative financing to cover lead hazard control and healthy homes services. These financing models could include direct reimbursement from Medicaid/CHIP, support from hospital community benefits, financing through managed care in the form of value-added services or value-based payments, utilizing outcomes based payment mechanisms, establishing public-private funds, or other innovative models. Based on the state Medicaid program structure and priorities, and direction from the federal Center for Medicare and Medicaid Services (CMS), GHHI will use its vast experience to work with jurisdictions to identify the most promising opportunities to finance asthma trigger reduction, and lead hazard reduction through in-home prevention education and housing intervention services. There is considerable momentum across the country as CMS and states are increasingly looking to address social determinants of health such as the built environment, and an increasing look at value-based or alternative payment models that GHHI has helped to pioneer. CMS has approved CHIP funding for these types of services and there is the potential in NJ and NY for securing sustainable funding through Medicaid and other health-related funding. Hospitals and health systems are increasingly looking to utilize their capital to support lead hazard reduction and healthy homes interventions and GHHI has developed a track record of working with healthcare providers and insurers to utilize hospital community benefits funding, philanthropic, and other funding to produce programs and a substantial scaling of preventive services that GHHI will help Region 2 jurisdictions capitalize on securing.

GHHI Executive Leadership Institute (3): Participants from all four states and territories on the grant will participate in a three day, match funded, GHHI Executive Leadership Institute conference is conducted annually by GHHI since 2010 and which produces increased knowledge and training and fosters cross-sector collaboration and problem solving in addressing how housing conditions and climate change and energy equity impact health and racial equity. GHHI annually brings together best practice leaders in the field for the Executive Leadership Institute (ELI) which is the preeminent national convening of practitioners implementing an integrated health, energy and housing model. ELI is a unique platform designed to catalyze thought leaders, community leaders, advocates, health care providers, policymakers, and housing and energy service providers for workshops and networking conversations around healthy housing, integrated service delivery and innovative financing to scale preventive services for lead, asthma and household injury prevention and coordinated energy efficiency and electrification

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interventions. Community-based organization and agency representatives from New Jersey, New York, Puerto Rico and the US Virgin Islands will participate annually in ELI. **Climate Objectives:** Energy Efficiency and Weatherization, Electrification and Decarbonization- Through CBO trainings and community input and planning, GHHI will help local communities and states increase access to decarbonization, electrification and renewable energy technologies in low income communities in furthering racial equity and Justice40 goals and supporting climate change mitigation. GHHI will train CBOs and other agencies how to access and braid healthy housing with energy efficiency and lead remediation funding from Federal Inflation Reduction Act (IRA), billions in new Bipartisan Infrastructure Bill (BIL) funding for expanded DOE Weatherization Assistance Program (WAP) and Lead Service Line Replacement Programs, HUD Lead Hazard Reduction and Healthy Homes Grants and Greenhouse Gas reduction funding. **National Decarbonization Convenings** (3)**:** Representatives from CBOs in all four states and territories in the grant will participate in the match funded, annual National Decarbonization Convening. The goal is to bring together CBOs, advocates and policy makers to establish policies and strategies that need to be prioritized to decarbonize homes and buildings in the states, with an emphasis on historically disinvested communities, and design implementation strategies for low income communities. Participants will have access to a catalog of resources on decarbonization including educational webinars, briefing papers, and other practical guidance materials to help CBOs implement decarbonization programs that reduce carbon emissions. The Convenings help with the creation and updating of strategic roadmaps for equitable housing decarbonization, especially in historically disinvested communities; creation of resource guide of specific sources of assistance; and creating vibrant networks to advance electrification that also improves indoor and outdoor air quality and health outcomes.

b. GHHI EPA EJCPS Grant Program Milestone Schedule

Program Activity	Year 1	Year 2	Year 3
1. Program Startup (months 1-3 in Year 1)	Subgrantee Agreements, initial local collaborative convenings, materials development, establish Data and Evaluation processes	N/A	N/A
2. Asthma & Lead Awareness Training for CHWs (Virt.-8x)	New Jersey (1) New York (1) Puerto Rico (1)	New Jersey/New York (1) Puerto Rico (1)	New Jersey/New York (1) Puerto Rico (1) US Virgin Islands (1
3. Healthy Homes 101 Training for CHWs (Virtual-8x)	New Jersey (1) New York (1) Puerto Rico (1)	New Jersey/New York (1) Puerto Rico (1)	New Jersey/New York (1) Puerto Rico (1) US Virgin Islands (1)
4. Health & Safety Housing Assessment Training for CHWs (Virtual-8x)	New Jersey (1) New York (1) Puerto Rico (1)	New Jersey/New York (1) Puerto Rico (1)	New Jersey/New York (1) Puerto Rico (1) US Virgin Islands (1)
5. Comprehensive Home Assessment Training for Assessors, Energy Auditors (In-Person & Virtual-8x)	New Jersey (1) New York (1) Puerto Rico (1)	New Jersey/New York (1) Puerto Rico (1)	New Jersey/New York (1) Puerto Rico (1) US Virgin Islands (1)
6. GHHI Integrated Model Boot Camps (In-Person-6x)	Trenton, NJ (1) Greater Capital Region, NY (1)	Newark, NJ (1), New York City, NY (1), PR (1)	US Virgin Islands (1)

7. Technical Assistance Training – CBO Capacity Building (In-Person and Virtual-19x)	New Jersey (2) New York (2) Puerto Rico (2)	New Jersey (2) New York (2) Puerto Rico (2)	New Jersey (2) New York (2) Puerto Rico (2) US Virgin Islands (1)
8. Technical Assistance Training – Innovative Funding Sources (Virtual-9x)	New Jersey (1) New York (1) Puerto Rico (1)	New Jersey (1) New York (1) Puerto Rico (1)	New Jersey/New York (1) Puerto Rico (1) US Virgin Islands (1)
9. TA Training – Green Jobs, Workforce Development, Contractor Capacity (In-Person and Virtual-9x)	New Jersey (1) New York (1) Puerto Rico (1)	New Jersey (1) New York (1) Puerto Rico (1)	New Jersey/New York (1) Puerto Rico (1) US Virgin Islands (1)
10. Technical Assistance Training – Data and Evaluation (Virtual-4x)	New Jersey/New York/ Puerto Rico (1)	New Jersey/New York/ Puerto Rico (1)	New Jersey/New York/US Virgin Islands (1) Puerto Rico (1)
11. GHHI Executive Leadership Institute (In-Person-3x)	New Jersey/New York/Puerto Rico/US Virgin Islands (1)	New Jersey/New York/Puerto Rico/US Virgin Islands (1)	New Jersey/New York/Puerto Rico/US Virgin Islands (1)
12. National Decarbonization and Electrification Convening (Virtual-3X)	New Jersey/New York/Puerto Rico/US Virgin Islands (1)	New Jersey/New York/Puerto Rico/US Virgin Islands (1)	New Jersey/New York/Puerto Rico/US Virgin Islands (1)
13. Data and Evaluation Grant Closeout (months 34-36 in Year 3)	Ongoing project data collection	Ongoing project data collection	Complete final data collection, analysis and evaluation, Final Report

3.0 Environmental Results – Outputs, Outcomes and Performance Measures (Logic Model)

a. Environmental Results (Logic Model)(see attachment) b. Performance Measurement Plan

GHHI broadly defines success as achieving healthier and more energy efficient homes, higher quality green jobs, increased economic opportunities for low income communities, and better health outcomes for children and families in poverty. Strong data and evaluation by the Program will measure impact at the client, resident and cross agency coordination level to evaluate individual family outcomes and systems change level results that can be shared nationally including: energy cost and consumption, health outcomes and medical costs, deferral rates, decarbonization and electrification access and utilization, housing and financial stability, social outcomes (school attendance, work attendance), equity goals, use of leverage funding and advancement of climate objectives. ROI for energy and health outcomes will be undertaken for Program metrics. Housing is a key social determinant of health and this project will create an integrated platform that supports Justice40 and environmental justice objectives by providing services for families in low income communities that are faced with mounting utility bills and are unable to afford the installation of measures to: reduce energy consumption costs, undertake electrification and decarbonization, take advantage of renewable energy technologies or reduce costly health hazards in their home that directly impact health and racial equity. GHHI has a proven history of demonstrating how improved asthma and other health outcomes, reduced energy costs, and more stable homes in primarily African-American and Hispanic communities can be achieved by addressing home-based health hazards (indoor allergens, safety hazards, and lead hazards) and weatherization and energy efficiency issues through an integrated assessment, education, and intervention model with cross sector

partnerships. Grant Metrics will include: number of trained CBOs and partner agencies, new prevention partnerships, number of new cross sector collaboratives created, number and amount of new or expanded funding sources for lead hazard and asthma trigger remediation and energy efficiency services. Client outcomes will include:

- Reductions in asthma related hospitalizations and emergency department visits at the client level, missed school days and improved school performance
- Reductions in asthma related missed work days and increased income for the household
- Reductions in childhood lead poisoning and health disparities
- Reduction in energy consumption, GHG emissions supporting climate change mitigation
- Reduction in medical, energy and housing maintenance costs and government savings

Program Goals: GHHI proposes a dynamic 36 month EPA Environmental Justice Collaborative Problem Solving Grant Program that will catalyze the integration of lead hazard reduction, healthy homes and energy efficiency housing interventions through a comprehensive service delivery model to create healthy and energy efficient homes for low income families and seniors in the most at risk communities in New Jersey, New York, Puerto Rico and the US Virgin Islands. Growing out of GHHI's history and experience as a community-based organization (CBO) in Baltimore and nationally, GHHI has developed a collaborative model that will build CBO capacity to advance healthy, lead-safe and energy efficient homes in our most historically disinvested, underserved and under-resourced communities. With EPA funding, GHHI will provide training and direct technical assistance in working with local community-based organizations, government agencies and other stakeholders in EPA Region 2 to build local CBO capacity and innovative cross sector partnerships to scale preventive lead and healthy homes services for environmental assessments, resident education and housing interventions. The Program will generate sustainable impact by reducing barriers to energy efficiency program enrollment and client deferral rates from hazards in the home, increasing electrification, and supporting Justice40 objectives by demonstrating how low income communities can more equitably gain access to decarbonization measures that currently are not accessible to them. Low income communities in the four jurisdictions have been disproportionately affected by lead poisoning, asthma episodes and energy inefficient, poorly weatherized housing that creates energy cost burdens and unhealthy indoor air quality. The development of community capacity to address historic health disparities and scale preventive services in the four states and territories will serve as national models for addressing social determinants of health and environmental justice through partnership between health, housing and energy organizations at the community and state levels to meaningfully impact health and racial equity. In addition to reducing energy cost burdens, energy efficiency and weatherization services provide other non-energy benefits that impact health including improved indoor air quality, reduced environmental toxins, and thermal comfort. With GHHI's technical expertise in working with CBO and agency stakeholders, communities will be able to develop community -driven solutions that produce housing upgrades and energy retrofits that braid funding while producing community-based green jobs and greater housing stability . This EPA grant funding and leverage investments created through local capacity building will serve as a mechanism for reinvesting savings back into underserved communities, increasing inter-generational wealth for low income families, mitigating climate impacts, building greater resiliency, and improving capacity of communities to address their own health and housing needs.

c. Sustainability Plan and Community Vision

Through this grant program's systems change framework, sustainable outcomes will include:

- Government innovation through the utilization of an integrated Green & Healthy Homes housing intervention model by local and community housing, energy and health agencies
- Based upon the results achieved through this model Initiative, adoption by HUD, DOE, EPA and HHS of greater cross sector coordination and leveraging models for improved service delivery to low income homes and sustainable funding for preventive CBO services
- Demonstrated improvements in health and social outcomes through a strong evaluation component will further build the evidence and business case for sustainable healthcare (Medicaid) and public investments (climate funds) in healthy, energy efficient housing

4.0 Programmatic Capability a. Organizational Experience: GHHI continues to lead market transformation in the health, energy and housing sectors by creating and replicating models that effectively address social determinants of health and advance racial and health equity. GHHI has 27 years of experience in providing technical assistance to cities, counties, and states in developing, implementing, and evaluating programs and policies to prevent children from suffering asthma episodes and lead poisoning due to poor-quality housing and lack of access to standard preventive care. GHHI is unique in that it can rely on the knowledge and lessons learned as a community-based organization from serving over 30,000 low-income clients through in-home resident education, housing assessment, and training direct services and in completing more than 5,000 lead, healthy homes and energy efficiency housing interventions with its in-house hazard reduction crew to inform its technical assistance services to community organizations, healthcare providers, housing and energy service providers, and government agencies on what can be effective in at-risk communities. Building off its experience in operating direct service programs and providing technical assistance to jurisdictions nationally, GHHI in 2009 launched a national model on the integration of health, safety, housing, and energy efficiency in partnership with the CDC, HUD, DOE, the White House and the Council on Foundations. GHHI's model has been adopted by over partner jurisdictions to unify cross-sector public and private partners who agree to work collaboratively to coordinate health and housing services to low-income persons in need in their community and pursue innovative funding sources to scale what is effective. GHHI's national team works with 75 local GHHI partner sites and healthcare sector partners to create learning networks and a shared data platform; provide a comprehensive full house assessment tool and better access to community-based green jobs; and implement a single intake portal for green and healthy housing interventions. GHHI has successfully launched a number of seminal healthcare sector healthy housing initiatives that are providing unprecedented investments in preventive housing services at scale for low-income families and serve as the leading models nationally for healthcare investments in healthy housing. In 2021, GHHI led the final development and closing on the nation's first outcomes-based financing arrangement with a Medicaid health plan (Affinity by Molina) as the end payer. The $4.75 million project, called the New York Healthy Homes Collaborative, that is providing comprehensive home-based asthma services including home repairs to 850 high risk members of Affinity by Molina's Medicaid plan. GHHI worked with Penn Medicine's Lancaster General Hospital (LGH) to develop and operationalize in 2021 its $50 million investment in residential lead remediation project in Lancaster County, PA that is remediating lead hazards in more than 2,000 homes in the County will set the standard for anchor healthcare institutions investment.

In 2018 and 2022, GHHI was awarded the HUD Secretary's Healthy Homes Award for its work in Baltimore City and its contributions to advancing healthy homes best practices nationally. GHHI's results oriented Asthma Program was recognized by the EPA as one of only two recipients in 2015 of the National Environmental Leadership Award in Asthma Management and again in 2022 as an EPA Asthma Hall of Fame Program.

b. Staff Experience/Qualifications: See attached resumes. **Ruth Ann Norton, President and CEO:** She is responsible for the overall management of the organization and will provide project oversight and subject matter expertise in review and development of project deliverables and work products. Ms. Norton joined the organization in 1993 and has led its development into one of the nation's most effective and foremost authorities on healthy housing and its impact on the social determinants of health. An expert on lead poisoning prevention, healthy housing and the housing intersection of climate, energy and health, she directs GHHI's national strategy, policy framework and services to advance housing as a platform for improved health, economic, educational and social outcomes for low-income communities. Ms. Norton designed and developed the holistic Green & Healthy Homes model for integrated housing interventions in low-income housing to ensure that healthy homes standards are incorporated into green housing investments. She serves as the national director and technical assistance provider to 75 GHHI partner jurisdictions and technical assistance clients. Ms. Norton has served in key management roles and senior advisor for multiple federal grants and weatherization, lead hazard reduction and healthy homes programs including 50 programs totaling over $500 million related to the HUD Office of Healthy Homes and Lead Hazard Control, DOE and other federal and local housing intervention programs. Ms. Norton serves as a member of the EPA Children's Health Protection Advisory Committee, the National Council of State Housing Agencies' National Advisory Group, the National Leadership Academy for the Public's Health (NLAPH), the Ohio Asthma Council, the Johns Hopkins Bloomberg School of Public Health Center for Population Health Information Technology Advisory Board, and she is Chair of the Maryland Lead Poisoning Prevention Commission. She is also a federally appointed Liaison Member to the CDC's Lead Exposure and Prevention Advisory Committee (LEPAC) and was on the Expert Panel for the development of HUD's Healthy Homes Manual. Ms. Norton is a Robert Wood Johnson Foundation Community Health Leader, a Weinberg Foundation Fellow, a WE ACT Environmental and Social Justice awardee, and received the Tony Woods Award for Excellence from the Building Performance Industry in 2016 for her efforts to integrate energy efficiency with healthy homes interventions nationally. **Wesley Stewart, Senior Advisor:** Wes Stewart is the Senior Advisor and General Counsel for the Green & Healthy Homes Initiative (GHHI) and will provide staff management, project benchmark tracking, subject matter expertise in trainings and development of project deliverables. He provides national technical assistance on program management, national best practices, and project implementation to GHHI partner sites and technical assistance clients. He has twelve years of experience as Program Director overseeing GHHI's Maryland Program Services. **Michael McKnight, Senior Vice President of National Programs** has been with the organization for twelve years and oversees a national portfolio of projects integrating housing, energy, and health, and has developed numerous innovative healthcare financing projects around the country. He also provides significant technical assistance around federal, state, and local policy related to healthy housing and how improving housing conditions lead to tangible public health outcomes. **Catherine Lee, Director of Client Services,** will serve as Grant Program

Manager to manage project activities, including asset mapping, coordination, and facilitation of partnership convenings, development of the Coordinated Workflow Plan, and production of related work products in coordination with other project team members. She has also led GHHI site onboarding services including network development and meeting facilitation, staff trainings for implementation coordinators, and ongoing mentoring for jurisdictions implementing the GHHI Model. Her experience is grounded in work as an GHHI Outcome Broker in Jackson, where she established the first partnership of Lead Hazard Control and Weatherization Assistance programs in the city. **Bert Cooper, Vice President of State and Local Strategic Services** has more than 20 years of experience in housing development, strategic development and policy, program planning, evaluation and systems change work. He will serve as EPA Grant Project Director to support the project team with strategic planning and project management on implementation of project deliverables, reporting and community capacity and agency stakeholder development in each target jurisdiction. **Wynn Tucker is Director, Policy & Innovation,** will serve as a trainer and provides technical assistance on innovative healthcare financing and local capacity building and program implementation of innovative models. **Hector Moreno, Trainer and Subject Matter Expert,** resides in San Juan, Puerto Rico and will lead comprehensive assessment, Boot Camps, and workforce training sessions to support implementation of the Integrated model. Mr. Moreno is a Healthy Homes and Energy Subject Matter Expert, providing national technical assistance and training on Healthy Homes and Building Energy Performance to home assessors, energy auditors, community health workers, housing contractors, including Healthy Homes professionals working for state, county and city agencies, non-profits, housing service providers and private organizations conducting programs in Lead Hazards Control, Asthma Triggers Control, Healthy Homes and Energy Efficiency. Mr. Moreno has been in the health and housing field for over 30 years, including working in the federal government and non-profit sectors. He is a fluent English and Spanish speaker and is certified to provide Lead Renovation Repair and Painting and OSHA 10 trainings in English and Spanish languages. **Celisia Rouson-Smith, Manager of Environmental Health Education & Community Engagement,** leads GHHI's asthma programs as well as providing direct asthma services for GHHI clients including the State of Maryland Department of Health, Amerigroup. LifeBridge Health, and other healthcare and housing sector partners. Ms. Rouson-Smith is an experienced, results oriented trainer and environmental health educator and case manager who has managed and supervised various client services programs in the past and delivered improved asthma outcomes for her GHHI pediatric clients. She has conducted numerous asthma, lead poisoning prevention and healthy homes resident education and community health worker certification trainings in Maryland and nationally. Ms. Rouson-Smith will serve as a trainer on the project. **Isabel Shargo, Data and Evaluation Manager**, supports internal data and evaluation efforts, as well as offers assistance for external projects seeking to embed evaluation and data management practices into existing project work. She will design the data metrics and evaluation tools and will conduct grant project data analysis and evaluation. **Sade McKoy, Senior Communications Associate for Digital and Social Media** at GHHI and will provide training promotion, community social media engagement and training and community training outreach materials development.

c. Expenditure of Awarded Grant Funds & Plan for Meeting with EPA's Compliance Review

GHHI has in place multiple internal controls and accounting practices to ensure sound fiscal management of the EPA grant. GHHI utilizes internal controls, a purchase order process, and Quickbooks accounting software to tracks revenues and expenditures by separate accounts and an EPA EJCPS grant account will be maintained to ensure that the expenditures are allowable and on track. Grant funded payments will be made to all subgrantees and vendors following the receipt of valid invoices, documentation for expenses, applicable program reports and approval by the Program Manager that the costs are allowable and in compliance with EPA grant requirements and any Subgrantee Agreement terms or contractor contract. GHHI's Finance Department provides monthly income statements that itemize expenses and also prepares the quarterly financial reports and monthly invoices to EPA by GHHI's Chief Financial Officer and three Staff Accountants. GHHI has safeguards in place to prevent co-mingling of funds as every GHHI grant or contract is assigned a separate Department number to ensure that revenue and expenditures are tracked separately. GHHI has been certified by the Maryland Association of Nonprofits as a Standards of Excellence organization and maintains high standards for program management operations. GHHI has successfully managed over $110,000,000 in public and private grant and contract funds and has a 26 year history of excellent A-133 audits with no findings. Project Reporting - GHHI will complete all EPA grant reporting requirements under the grant including grant progress reports, annual performance reports, financial reports, data reports, and Final Narrative and Financial Reports among other EPA requirements.

5. Past Performance i. Successful completion and management: GHHI has been awarded four EPA Environmental Justice Grants for Baltimore City, a 2007 $243,000 EPA Community-Based Outreach and Training Grant for Baltimore City, a 2018 $597,000 EPA National Indoor Environments Program Grant for national technical assistance to 21 jurisdictions in the United States, a 2021 Environmental Justice Grant for Baltimore City that has just concluded on February 28, 2021, a 2022 $75,000 EPA Multisector Integrated Pest Management Education Project Grant for City of Memphis, and a 2023 $100,000 EPA Environmental Education Grant for several Maryland counties that is process of award. GHHI is meetings its EPA benchmarks on the EPA IPM Education Grant in Memphis and has met its key benchmarks on its Baltimore City GHHI has been the Co-Principal Investigator and subgrantee on multiple HUD Office of Lead Hazard Control and Healthy Homes Technical Studies and Lead Technical Studies grants and successful manager of Healthy Homes Production, Healthy Homes Demonstration and LEAP grants awarded to GHHI by HUD. **ii. History of meeting reporting requirements in meeting expected outputs and outcomes:** All grant deliverables for GHHI's prior EPA grants were met or exceeded and GHHI has submitted all grant reporting. For most of the HUD grants listed above GHHI scored 100 out of 100 for their final rating for meeting project outcomes and all six green rated HUD grants met or exceeded benchmarks and were completed on time. GHHI's direct prevention services, development of community-based and cross sector partnerships, and scaling of funding has produced a 99% decline in lead poisoning in Baltimore City and State of Maryland and produces documented improved asthma related outcomes for clients served such as: 66% reduction in asthma related pediatric hospitalizations, 62% increase in asthma related perfect school attendance and 82% increase parents not missing work due to their child's asthma episodes. **6.0 Quality Assurance Project Plan (QAPP) Information:** N/A

Green & Healthy Homes Initiative®

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April 14, 2023

Jacob Burney
Division Director, Grants Management Division
Office of Environmental Justice and External Civil Rights
United States Environmental Protection Agency
1200 Pennsylvania Avenue, NW (Mail Code:2202A)
Washington, DC 20460

Re: EPA Environmental Justice Collaborative Problem Solving Grant

Dear Mr. Burney:

The Green & Healthy Homes Initiative (GHHI) respectively submits for your consideration the attached proposal seeking $500,000 from the U.S. Environmental Protection Agency's Environmental Justice Collaborative Problem Solving Grants Program. The collaborative model proposed in this application articulates a dynamic and catalytic approach to the integration of lead hazard reduction, healthy homes, and energy efficient housing interventions for low-income families and seniors in the most at risk communities in New Jersey, New York, Puerto Rico, and the US Virgin Islands. Grounded in our deep and sustained commitment to environmental justice, GHHI's model leverages our more than 30 years of regional and national community capacity building experience to facilitate new cross sector partnerships across the health, housing, and energy sectors in New York, New Jersey, Puerto Rico, and the US Virgin Islands.

As a Baltimore, Maryland community-based organization (CBO) that has grown in prominence and expertise in communities across the nation over the last three decades, GHHI is uniquely positioned to build and deliver an EPA grant program that empowers and enables other CBOs to build the capacity needed to advance the goal of environmental justice for the country's most historically disinvested, underserved, and under-resourced communities. GHHI's work in lead poisoning and asthma prevention and energy efficiency has spanned more than 75 jurisdictions, engaging cities, municipalities, school districts, health care providers, and philanthropic institutions, among other groups, to create innovative strategies that advance equity, catalyze collaboration, and deliver significant, evidence-based improvements in health, economic, climate change mitigation, and social outcomes.

With EPA grant funding and $373,755 in GHHI in-kind funding, GHHI and its community partners will build community-based capacity to maximize federal, state, local and philanthropic funding to create healthier homes that improve lead poisoning and asthma outcomes for the lowest income and most under-resourced residents of New York, New Jersey, Puerto Rico, and the US Virgin Islands.

By building greater capacity in and through community-based organizations and effectively equipping community stakeholders to access and align funding from all sectors to scale the stock of affordable, healthy, and climate friendly homes, GHHI will help close the gaps on health and racial disparities and build community resiliency through targeted workforce training, skill building and strategic resource deployment that will ensure the lift and leadership of long overlooked communities. We ask you to fund this important Environmental Justice Collaborative Problem Solving Grant.

Sincerely,

Ruth Ann Norton
President and CEO

EPA Form 4700-4 Attachment

XI. (cont.) If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/recipient's website address for, or a copy of, the procedures.

Yes. GHHI does not discriminate on the basis of race, color, national origin, sex or handicap. Attached: GHHI's Employee Grievance Procedures-Section 403 Employee Concerns: Mediation Process from Employee Handbook & GHHI's Public Client Grievance Procedures, complying with 40 CFR 5 & 7.

The attached Client Grievance Procedures and the Client General Complaint Form refer to public clients that receive direct education and other services from the Green & Healthy Homes Initiative (GHHI) and the process for public clients to file a grievance and be assured a prompt and fair resolution by GHHI of any complaints that allege a violation of 40 C.F.R. Parts 5 and 7.

See GHHI's attached, excerpted Employee Handbook Sections 102-105 and Section 403 Employee Concerns: Mediation Process: An employee who has a concern should attempt to resolve it informally with the individual before filing an official complaint. If the issue cannot be resolved on an informal basis, the employee shall commit the complaint to writing, providing as much detail and documentation as possible. The formal complaint shall be submitted to the employee's immediate supervisor. Green & Healthy Homes Initiative will endeavor to resolve the complaint within seventy-two (72) hours of receipt, excluding weekends and holidays. A decision will be made on the merit of the complaint and a written response will be provided to the employee(s) involved, with a copy placed in the employee(s) personnel file(s). The decision of management is final. If an employee has a complaint with the President and cannot resolve the issue on an informal basis, he/she may file the complaint in writing. GHHI's attached adopted policies include employees and clients/public and address and assure compliance with 40 C.F.R. Parts 5 and 7.

Appendix I



Green & Healthy Homes Initiative®

EMPLOYEE HANDBOOK

Last updated: February 2018

Equal Opportunity and Commitment to Diversity

102 Equal Opportunity

Green & Healthy Homes Initiative provides equal employment opportunities to all employees and applicants for employment without regard to race, color, ancestry, national origin, gender, sexual orientation, marital status, religion, age, disability, gender identity, results of genetic testing, or service in the military. Equal employment opportunity applies to all terms and conditions of employment, including hiring, placement, promotion, termination, layoff, recall, transfer, leave of absence, compensation, and training.

Green & Healthy Homes Initiative expressly prohibits any form of unlawful employee harassment or discrimination based on any of the characteristics mentioned above. Improper interference with the ability of other employees to perform their expected job duties is absolutely not tolerated.

103 Americans with Disabilities Act (ADA) and Reasonable Accommodation

To ensure equal employment opportunities to qualified individuals with a disability, Green & Healthy Homes Initiative will make reasonable accommodations for the known disability of an otherwise qualified individual, unless undue hardship on the operation of the business would result.

Employees who may require a reasonable accommodation should contact Human Resources.

104 Commitment to Diversity

Green & Healthy Homes Initiative is committed to creating and maintaining a workplace in which all employees have an opportunity to participate and contribute to the success of the business and are valued for their skills, experience, and unique perspectives. This commitment is embodied in company policy and the way we do business at Green & Healthy Homes Initiatives and is an important principle of sound business management.

105 Harassment and Complaint Procedure

Sexual and other unlawful harassment is a violation of Title VII of the Civil Rights Act of 1964 (Title VII), as amended, as well as many state laws. Harassment based on a characteristic protected by law, such as race, color, ancestry, national origin, gender, sex, sexual orientation, gender identity, marital status, religion, age, disability, veteran status, or other characteristic protected by state or federal law, is prohibited.

It is GHHI's policy to provide a work environment free of sexual and other harassment. To that end, harassment of Green & Healthy Homes Initiative's employees by management, supervisors, coworkers, or nonemployees who are in the workplace is absolutely prohibited. Further, any retaliation against an individual who has complained about sexual or other harassment or

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retaliation against individuals for cooperating with an investigation of a harassment complaint is similarly unlawful and will not be tolerated. GHHI will take all steps necessary to prevent and eliminate unlawful harassment.

Definition of Unlawful Harassment. "Unlawful harassment" is conduct that has the purpose or effect of creating an intimidating, hostile, or offensive work environment; has the purpose or effect of substantially and unreasonably interfering with an individual's work performance; or otherwise adversely affects an individual's employment opportunities because of the individual's membership in a protected class.

Unlawful harassment includes, but is not limited to, epithets; slurs; jokes; pranks; innuendo; comments; written or graphic material; stereotyping; or other threatening, hostile, or intimidating acts based on race, color, ancestry, national origin, gender, sex, sexual orientation, marital status, religion, age, disability, veteran status, or other characteristic protected by state or federal law.

Definition of Sexual Harassment. "Sexual harassment" is generally defined under both state and federal law as unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature where:

- Submission to or rejection of such conduct is made either explicitly or implicitly a term or condition of any individual's employment or as a basis for employment decisions; *or*
- Such conduct has the purpose or effect of unreasonably interfering with an individual's work performance or creating an intimidating, hostile, or offensive work environment.

Other sexually oriented conduct, whether intended or not, that is unwelcome and has the effect of creating a work environment that is hostile, offensive, intimidating, or humiliating to workers may also constitute sexual harassment.

While it is not possible to list all those additional circumstances that may constitute sexual harassment, the following are some examples of conduct that, if unwelcome, may constitute sexual harassment depending on the totality of the circumstances, including the severity of the conduct and its pervasiveness:

- Unwanted sexual advances, whether they involve physical touching or not;
- Sexual epithets, jokes, written or oral references to sexual conduct, gossip regarding one's sex life, comments about an individual's body, comments about an individual's sexual activity, deficiencies, or prowess;
- Displaying sexually suggestive objects, pictures, or cartoons;
- Unwelcome leering, whistling, brushing up against the body, sexual gestures, or suggestive or insulting comments;
- Inquiries into one's sexual experiences; *and*
- Discussion of one's sexual activities.

All employees should take special note that, as stated above, retaliation against an individual who has complained about sexual harassment and retaliation against individuals for cooperating with

an investigation of sexual harassment complaint is unlawful and will not be tolerated at Green & Healthy Homes Initiative.

Complaint Procedure. Any employee who believes he or she has been subject to or witnessed illegal discrimination, including sexual or other forms of unlawful harassment, is requested and encouraged to make a complaint. You may, but are not required to, complain first to the person you feel is discriminating against or harassing you. You may complain directly to your immediate supervisor or department manager, Human Resources, or any other member of management with whom you feel comfortable bringing such a complaint. Similarly, if you observe acts of discrimination toward or harassment of another employee, you are requested and encouraged to report this to one of the individuals listed above.

No reprisal, retaliation, or other adverse action will be taken against an employee for making a complaint or report of discrimination or harassment or for assisting in the investigation of any such complaint or report. Any suspected retaliation or intimidation should be reported immediately to one of the persons identified above.

All complaints will be investigated promptly and, to the extent possible, with regard for confidentiality.

If the investigation confirms conduct contrary to this policy has occurred, Green & Healthy Homes Initiative will take immediate, appropriate, corrective action, up to and including immediate termination.

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Green & Healthy Homes Initiative, Inc.
Employee Grievance Policy -
2018 GHHI Employee Handbook

Section 403 Employee Concerns: Mediation Process

An employee who has a concern should attempt to resolve it informally with the individual before filing an official complaint. If the issue cannot be resolved on an informal basis, the employee shall commit the complaint to writing, providing as much detail and documentation as possible. The formal complaint shall be submitted to the employee's immediate supervisor.

Green & Healthy Homes Initiative will endeavor to resolve the complaint within seventy-two (72) hours of receipt, excluding weekends and holidays. A decision will be made on the merit of the complaint and a written response will be provided to the employee(s) involved, with a copy placed in the employee(s) personnel file(s). The decision of management is final.

If an employee has a complaint with the President and cannot resolve the issue on an informal basis, he/she may file the complaint in writing. A copy of this complaint shall be forwarded to the President, the Chief Operating Officer, the Human Resources, and President of the Board of Directors. The President of the Board of Directors shall endeavor to review the complaint within seventy-two (72) hours of receipt excluding weekends and holidays. If the Board President concludes that the complaint has no merit, the decision and reasons shall be reduced to writing and provided to the employee. A copy of the decision will be placed in the employee's personnel file.

If the Board President finds that the complaint may have merit, a meeting to discuss the issue involving the complaint and the President will be held. Following the meeting the Board President shall render a written decision, with copies provided to the employee, the President and the employee's personnel file. The decision of the Board President is final.

Green & Healthy Homes Initiative

Direct Services Client Grievance Policy

Staff at the Green & Healthy Homes Initiative ("GHHI") believes that a satisfied customer is the most important service we offer. However, we also recognize that disagreements and/or misunderstandings occur from time to time. To address these situations, GHHI has adopted the following procedure for addressing service-related concerns. Copies of this policy are available to all potential and actual clients. The procedures are as follows:

1. A client who wishes to make a complaint or who has a concern about the service he or she received from GHHI may do so by contacting the immediate supervisor of that employee. The name of the immediate supervisor may be obtained by contacting GHHI by telephone and requesting the name of the supervisor. Home phone numbers and addresses will not be provided.

2. If a client has a complaint or concern about a GHHI service, the client is asked to state the exact nature of the complaint, so that the supervisor can investigate the matter. The complaint may be made over the telephone or in writing. If verbal, a copy of the Complaint Summary is provided to the Client for affirmation.

3. Upon receiving a complaint or notice of concern, the immediate supervisor will send the client a written notice using the Client General Complaint Form. This form will explain the complaint and how the immediate supervisor is addressing the complaint.

4. The immediate supervisor will attempt to resolve the client's complaint or concern by mediating any unresolved issues. If the mediation fails to resolve the matter, the immediate supervisor will conduct further investigation into the client's complaint or concern and take other measures to solve the situation. These measures may include, but are not limited to:

    - steps to address any fault or shortcoming of the employee's services for the client;
    - solving the problem by providing additional services to the client;
    - other measures as deemed appropriate by the immediate supervisor.

    The suggested problem solving solution shall be given to the client in writing.

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5. If the immediate supervisor cannot address the complaint or concern that satisfies all parties, the client can request that the Program Manager, Program Area Vice President, or President and CEO address the problem – in protocol order.

6. After a proper review, the appropriate GHHI official will make the decision regarding the complaint or concern listed in step 4 of this policy and file this response with the Human Resources Office and President and CEO.

7. At each stage of this complaint/concern resolution every effort will be made to resolve the issue by all parties trying to work out the problem together. When appropriate and necessary, actions regarding the employee in question may be taken.

8. This policy is designed to promote quick and fair problem solving when they may arise between clients and staff by GHHI staff in the interest of providing high-quality services.

Acknowledgement of receipt, understanding and compliance:

_____Signature

_____ Printed Name

_____Date _____ Capacity
(Board Member, Employee or Volunteer)

_____ Supervisor

_____Date

Green & Healthy Homes Initiative®

2714 Hudson Street
Baltimore, MD 21224-4716
P: Ex. 6 - Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)
www.ghhi.org

Client General Complaint Form

Date: _____
Name of GHHI staff completing this form: _____

Name of client: _____
Address of client: _____
Date client reported grievance (attach written communication if applicable): _____
Brief summary of complaint (attach photos or other documentation if applicable):

Action taken to resolve complaint (include dates, individuals involved, etc):

Outcome: Date: _____

- Client satisfied with resolution (indicated by client signature below)
- Complaint un-resolved; case elevated to GHHI staff person: (name) _____

By signing below, client indicated that the complaint has been addressed to their satisfaction:

Client printed name: _____ GHHI staff name: _____

Client signature: _____ GHHI staff signature: _____

Date: _____ Date: _____

Ex. 6 Personal Privacy (PP)
Green & Healthy Homes Initiative, 2714 Hudson Street, Baltimore, Maryland 21224
Ex. 6 Personal Privacy (PP) ranorton@ghhi.org www.ghhi.org

Education University of North Carolina - Chapel Hill *BA Economics - Graduated, 1983*

Ex. 6 Personal Privacy (PP) serves as the President and CEO of the Green & Healthy Homes Initiative ("GHHI"). She is the chief strategist for public policy, program design, and development for the organization. An expert on lead poisoning prevention, healthy housing and the intersection of climate, energy and health, she directs GHHI's national strategy, policy framework and services to integrate climate, healthcare and healthy housing as a platform for improved health, economic, educational and social outcomes for low-income communities. A noted national expert on building community capacity and effective work plans to incorporate sound environmental health standards in housing-related programs, Ex. 6 Personal Privacy (PP) serves as an Advisor to government agencies, non-profit organizations, and national foundations. She has been engaged with the development, project design and technical assistance for federal, state and privately funded lead and healthy homes programs and local housing intervention programs with an aggregate value of over $500 million.

She serves as a technical advisor to over 75 cities, counties and states and healthcare entities on how to blend complimentary healthy homes, lead and energy efficiency programs to maximize outcomes as well as how to effectively engage impacted communities for a triple net benefit of better housing and health outcomes for children, and higher quality employment opportunities. Ex. 6 Personal Privacy (PP) has been credited by Maryland's Governor as the architect of the state's Lead Poisoning Prevention Program that has resulted in a 99% reduction in childhood lead poisoning in the State of Maryland and in Baltimore City. One of the nation's leading experts on healthy housing, she has served as the primary author of 49 pieces of enacted lead poisoning prevention and healthy housing legislation.

In partnership with the Council on Foundations, the U.S. Department of Housing and Urban Development, the U.S. Centers for Disease Control and Prevention, the U.S. Department of Energy and the U.S. Conference of Mayors, Ex. 6 Personal Privacy (PP) designed the national Green & Healthy Homes Initiative to cost effectively integrate energy efficiency and weatherization investments with lead hazard control and health and safety efforts. She serves as an advisor to Governors and Mayors on the GHHI integrated model and directs GHHI's groundbreaking work across the United States where partnering cities, counties, states and non-profit organizations are using housing and innovative healthcare financing as a platform for improved health, education and social outcomes. GHHI's work helped to produce 597,000 green and healthy homes integrated housing interventions in low income communities in partnership with HUD from 2010-2016.

In 2014, Ex. 6 Personal Privacy (PP) led GHHI's entry into the Social Impact Bond/Pay for Success field to advance social impact financing and demonstrate health and other benefits of energy efficiency improvements to create models for Medicaid reimbursement. Her work on the health and cost benefit analysis led to GHHI's leadership role in examining the use of Social Impact Bonds (Pay for Success transactions), value-based payments and other innovative healthcare investments currently in multiple jurisdictions to help scale evidenced-based interventions to create healthy, safe and energy efficient housing. She has lead GHHI's efforts to develop the program models that have produced health care sector investments in lead, asthma and household injury prevention services. She has helped develop the business case and supported the approval by the Centers for Medicaid Services of Medicaid reimbursement for asthma trigger and lead hazard reduction interventions that have been successfully approved in a number of states. She co-authored *Pay For Success for Lead Poisoning Prevention* which examines the cost-benefit analysis justification and economic modeling support for health sector investments in lead poisoning prevention and hazard remediation. She worked with the Maryland Department of Health and State Medicaid to develop the original $14.4 million Healthy Homes for Healthy Kids Program in Maryland that has funded lead inspections, lead hazard reduction and preventive asthma services through CHIP/Medicaid funding.

She provides a leading voice on climate and equity and to articulate the significant health and social benefits of energy efficiency investments through her senior advisory role with Energy Efficiency for All

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(EEFA)(NRDC, Elevate Energy, NHT, Energy Foundation and ENI). She has authored several publications on energy equity including the recent *Leading with Equity and Justice in the Clean Energy Transition.* Ex. 6 Personal Privacy (PP) is also currently spearheading GHHI's work in the development and implementation of decarbonization, electrification and climate change mitigation services for low income households. She lead the organization's partnership with DOE and NASCSP on the WAP Weatherization Plus Health national initiative to improve safe practices and foster the greater integration of weatherization and healthy homes interventions. In 2010, she drafted the *Identified Barriers and Opportunities to Make Housing Green and Healthy Through Weatherization Report* for the White House that highlighted the need to reduce WAP Program deferral rates and detailed the opportunities for greater cross sector collaboration.

Ex. 6 Personal Privacy (PP) serves as a member of the EPA Children's Health Protection Advisory Committee and as a federally appointed Liaison Member to the CDC's Lead Exposure and Prevention Advisory Committee (LEPAC). Ex. 6 Personal Privacy (PP) serves as Chair of the Maryland Lead Poisoning Prevention Commission, and as a member of the Ohio Asthma Council and the National Council of State Housing Agencies' National Advisory Group. She currently serves or has served as a board member of Groundswell, a member of the National Council of State Housing Agencies, a member of the APHA Environmental Leadership Network, as a technical advisor to the National League of Cities, as an expert panel member for HUD's Healthy Homes Guidance Manual and as a member of Johns Hopkins Bloomberg School of Public Health Center For Population Health Information Technology Advisory Board. She served as a member of the National Advisory Group on the Executive Committee of the Maryland Asthma Control Council, the Maryland State Innovation Model Local Health Improvement Coalition Stakeholder Group, Maryland's Workgroup for Workforce Development for Community Health Workers and the Maryland Medicaid Advisory Committee. She was one of ten founders and serves on the steering committee for Network Energy Water and Health in Affordable Housing (NEWHAB) and is a Technical Advisor for the National Environmental Health Association in the area of Healthy Homes and Housing.

Ex. 6 Personal Privacy (PP) a Robert Wood Johnson Foundation Community Health Leader (2005) and a Weinberg Foundation Fellow (2003), was named as one of Maryland's Top 100 Women by The Daily Record and in 2016, she received the Tony Woods Award from the Building Performance Industry for her contributions to increasing cross sector collaboration of health and energy sectors.

Examples of other National Professional contributions include:

- In 2021, GHHI launched a groundbreaking partnership with the ProMedica National Social Determinants of Health Institute to improve the health of individuals and communities by enhancing the safety and energy efficiency of 7,000 homes in the cities of Baltimore, Chicago, Cleveland, Detroit, Philadelphia, Pittsburgh and Toledo. This transformative initiative represents the inaugural investment of $100 million of ProMedica Impact Fund supported funding, a bold commitment to raise and leverage $1 billion to transform how healthcare is defined, delivered and funded by demonstrating the connection between social needs interventions, health outcomes and healthcare costs.
- In 2021, GHHI led the final development and closing on the nation's first outcomes-based financing arrangement with a Medicaid health plan (Affinity by Molina) as the end payer. The $4.75 million project, called the New York Healthy Homes Collaborative, will provide comprehensive home-based asthma services including home repairs to 850 high risk members of Affinity by Molina's Medicaid plan. The initial investment comes from Northern Trust and GHHI (through funding from The JPB Foundation). Services will launch in 2022 and continue for a total of four years. After each year, Affinity by Molina will be making a payment based on the reduction in total cost of care for their members enrolled in the program, until the initial investment is paid back.
- In 2021, GHHI worked with Penn Medicine's Lancaster General Hospital (LGH) to develop and operationalize its $50 million investment in residential lead remediation and equity-driven lead and healthy homes workforce development in coordination with other housing, health and energy initiatives in Lancaster County, PA. The project is focused on ending lead poisoning in Lancaster County and this substantial funding commitment will set the standard for anchor healthcare institutions seeking to invest in housing as a means of improving the trajectory of young children and supporting economic

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opportunity at the community level. The project will remediate lead hazards in 2,800 homes and GHHI has also assisted in bringing federal healthy homes funding to leverage with LG Health's investment.

- In 2020, Ex. 6 Personal Privacy (PP) helped GHHI and its partner sites nationally develop COVID-19 response protocols and safe practices and provide training nationally to enable local service providers to continue serving low income families and seniors by providing in-person and remote resident education, housing assessment and housing interventions. GHHI developed the Virtual Healthy Homes Toolkit of operational protocols, policies and best practices for how to use virtual technologies to conduct resident education, environmental assessment and hazard remediation services as well as data collection.

- In 2019-2020, Ex. 6 Personal Privacy (PP) continued to catalyze the development of funding solutions at scale to address the social determinants of health. She provided technical assistance to the State of Michigan Department of Health and Human Services in the development of its planned Lead Poisoning Prevention Fund that has a target goal of $750 million and which has received $2 million in initial state funding to establish the Fund.

- In 2018, Ex. 6 Personal Privacy (PP) was an author of the *New Jersey Lead Poisoning Prevention Action Plan* that provides a framework of comprehensive action steps that can be taken by local and state agencies and other prevention partners to fully eliminate childhood lead poisoning in the state. Similar Lead Poisoning Prevention Action Plans that offer leading recommendations, policy reforms and program models that Ex. 6 Personal Privacy (PP) has helped draft include: 2018 City of Buffalo Action Plan - *Renewing Our Pledge: A Path to Ending Lead Poisoning of Buffalo's Most Vulnerable Citizens,* 2018 *Get The Lead Out: The Greater Syracuse Lead Poisoning Prevention Action Plan*, the 2013 *Strategic Action Plan for the Elimination of Childhood Lead Poisoning in the City of Lewiston* and the *Lead Safe St. Louis Comprehensive Action Plan*.

- Ex. 6 Personal Privacy (PP) has been a national leader in advancing environmental justice, racial and health equity and social justice for disadvantaged and underserved communities. In 2018, Ex. 6 Personal Privacy (PP) was awarded the WE ACT Environmental and Social Justice Award for her work in reducing childhood lead poisoning and asthma episodes in low income communities across the country. Ex. 6 Personal Privacy (PP) is an advisor to Black Millennials 4 Flint and an annual lecturer on environmental justice and health equity at the Morgan State University School of Community Health and Policy and the Johns Hopkins Bloomberg School of Public Health. She worked to establish the Andrea Kidd Taylor Environmental Health Endowed Fund at Morgan State University to advance racial equity and combat health disparities through environmental health.

- In 2016, Ex. 6 Personal Privacy (PP) helped lead the renewed effort to more aggressively focus on lead poisoning prevention and establishing more substantial lead poisoning elimination strategies including the major convening of 250 bipartisan national and local stakeholders at the National Lead Summit in Washington, DC in December 2016. She led the development of GHHI's multi-pronged National Lead Campaign that brings together public and private partners at the national and municipal level to ignite a national movement to eradicate lead poisoning. She was the author of GHHI's 2016 *Strategic Plan to End Childhood Lead Poisoning - A Blueprint For Action* that outlines federal and local policy recommendations and also served on or participated in a number of other lead roundtables and strategic plan working groups including: Pew Foundation and Robert Wood Johnson Foundation Health Impact Project, Find It Fund It Fix It Action Plan, Lead Summit White Papers, Earth Justice Plan of Action, and EPA Lead and Water panel.

- Ex. 6 Personal Privacy (PP) and GHHI are one of the preeminent organizations in the country having provided technical assistance on the development of lead poisoning and healthy homes programs and asthma Pay For Success and innovative healthcare financing projects to 75 jurisdictions across the country. With over $4.63 million in funding support from the Robert Wood Johnson Foundation and the Corporation for National and Community Service/White House Social Innovation Fund since 2015, Ex. 6 Personal Privacy (PP) has lead a cohort of asthma and injury PFS feasibility studies and transaction structuring projects with healthcare organizations and housing service providers including among others: Baltimore, MD, Buffalo, NY, Chattanooga, TN, Chicago, IL, Grand Rapids, MI, Houston, TX, Memphis, TN, New York City, NY,

Philadelphia, PA, Richmond, VA, Salt Lake, UT, Springfield, MA, and State of Rhode Island.

- Worked with the Federal Interagency Healthy Homes Workgroup to develop the *Advancing Healthy Housing – A Strategy for Action*. The Plan, published in February 2013, provides a framework to establish and encourage the adoption of federally-recognized criteria for Healthy Homes and for federal agencies to develop consensus on the basic concept of a healthy home – including adoption of GHHI standards and practices.

- Ex. 6 Personal Privacy (PP) worked with the Baltimore City Housing Authority to create the nation's first and only Lead Preference Housing Choice Voucher Program that provides 250 Vouchers to lead affected families to relocate permanently from lead hazardous housing to lead certified housing.

- In 2009, Ex. 6 Personal Privacy (PP) was called on to help launch the Surgeon General's Call to Action for Healthy Homes and provided expert input on the CDC's determination of health-based housing interventions that yield direct health improvements.

- In 2008, Ex. 6 Personal Privacy (PP) presented on behalf of GHHI, HUD and the EPA, a successful application to the Ad Council that resulted in a $32 million national lead poisoning awareness campaign that also developed a national call in center and the website Leadfreekids.org.

- In January 2000, Ex. 6 Personal Privacy (PP) wrote *Windows of Opportunity – A Comprehensive Action Plan to Eliminate Lead Poisoning in Maryland* which lead to $33.6 million in new lead abatement and enforcement funds primarily focused on the City of Baltimore.

- In 1999, Ex. 6 Personal Privacy (PP) developed the nation's first full service community-based Healthy Homes programs, expanding GHHI's services to address a full complement of home-based environmental health hazards beyond lead. This Healthy Homes initiative provided lead hazard reduction, indoor allergen, and safety interventions for pregnant mothers in at risk communities and full Healthy Homes interventions to reduce environmental health hazards and document the interventions through a rigorous data collection and evidenced-based practice system.

Commissions, Boards and Task Forces

• Chair, National Decarbonization, Environmental Justice & Equity Convening (April 2023)	2022 - Present
• Chair, Maryland Lead Poisoning Prevention Commission	2022 - Present
• Member, Maryland Lead Commission	1994-1997; 2020-Present
• Member, EPA Children's Health Protection Advisory Committee	2020 - Present
• Liaison Member, CDC Lead Exposure and Prevention Advisory Committee	2022 - Present 2009 - 2014
• National Leadership Academy for the Public's Health	2020 - Present
• National Council of State Housing Agencies National Advisory Group	2020
• APHA Environmental Leadership Network	2020 - Present
• Ohio Asthma Council	2020 - Present
• Healthy Housing Advisor, Energy Efficiency for All	2014 - Present
• Senior Advisor, Health Justice (Yale, Columbia, Wake Forest)	2018 - 2021
• Steering Committee, Maternal and Child Environmental Health COIIN Addressing Lead Exposure in Systems of Care	2017 - 2021
• Subject Matter Expert Advisor, Pew Charitable Trust *10 Policies to Prevent and Respond to Childhood Lead Exposure*	2017
• Healthy Housing Expert Advisor, National League of Cities	2016 - Present
• Chair, National Lead Summit	2016
• Board of Directors, Groundswell	2015 - 2019

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- Technical Advisor, NEHA 2015 - Present
- Founding Board of Advisors, NEWHAB 2015 - 2018
- Maryland State Task Force on Community Health Workers 2012 - 2014
- Affordable Comfort Institute National Advisory Panel 2014
- Expert Advisor, HUD Healthy Homes Manual 2012
- Stakeholder Advisor, National Prevention, Health Promotion and Public Health Council 2012
- Chair, Built Environment. Baltimore City Sustainability Commission 2010 - 2018
- Maryland Asthma Control Council - Executive Committee 2009 - 2015
- Founding Member, Baltimore Healthy Homes Advisory Board 2008 - 2011
- Advisory Board, Environmental Justice Partnership 2005 - 2015
- Chair, Green and Healthy Housing Strategies Board of Directors 2009 – Present
- Maryland Medicaid Advisory Board 2003 - 2007
- Advisory Chair, US Conference of Mayors on Lead Poisoning 2003 - 2012
- HUD Primary Prevention Strategies Expert Panelist 2003 - 2005
- Board of Directors, Live Baltimore 2002-2003
- City of Baltimore Lead Poisoning Relocation Task Force, Chair 2000
- City of Baltimore Lead Poisoning Enforcement Task Force, Chair 1998
- Kennedy Krieger Institute, Advisory Board, Lead Program 1997 - 2000
- Transition Team/Healthcare, Governor Paris Glendening, Maryland 1994
- Maryland Governor's Advisory Council on Lead 1993-1994
- National Board of Trustees, Cystic Fibrosis Foundation 1988-1991

Awards and Recognition

- Groundswell Service Award 2019
- WE ACT Environmental and Social Justice Awardee 2018
- Tony Woods Award, Building Performance Industry 2016
- Maryland's Top 100 Women, The Daily Record 2010
- Maryland Academy of Pediatrics Advocacy Award 2009
- Environmental Justice Partnership Advocacy Awardee 2009
- Governor's 2006 Black History Month Living Legends Award 2006
- Robert Wood Johnson National Community Health Leader Award 2005
- Fellow, Harry and Jeanette Weinberg Foundation 2003
- Lead Star Award, HUD National Lead Safe Housing Conference 2002
- Environmental Excellence, Maryland Department of the Environment 1994

Ex. 6 Personal Privacy (PP) has been instrumental in designing best practice programs and developing innovative GHHI models with its sites and partners that have been nationally recognized including among other organizational awards: 2022 HUD Secretary's Award for Healthy Homes, 2018 HUD Secretary's Healthy Homes Award; 2018 ACEEE Health and Energy Linked Programs (HELP) Award; GHHI is one of the primary partners in the Baltimore Housing Upgrades to Benefit Seniors (HUBS) Program that was recognized by the Harry and Jeanette Weinberg Foundation and the HUBS partners' receipt of the 2018 HUD Secretary's Award for Public-Philanthropic Partnerships; 2015 EPA National Environmental Leadership in Asthma Management Award, and the 2011 HUD National Partnership Award.

Publications and Research

In 2021, Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) that outlines strategies to advance a just transition to clean energy in residential buildings, with a focus on advancing racial and health equity. She is co-author of a 2020 publication in the Yale University Journal of Health Policy, Law and Ethics entitled *Health Justice Strategies to Eradicate Lead Poisoning: An Urgent Call To Action To Safeguard Future Generations* that provides guidance and insights on best practice lead poisoning prevention policies. In 2019, she co-authored *Duty to*

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Protect: Enhancing the Federal Framework to Prevent Childhood Lead Poisoning and Exposure to Environmental Harm in the Yale University Journal of Health Policy, Law and Ethics that includes recommendations on actions to improve the federal response to lead poisoning. In 2019, Ex. 6 Personal Privacy (PP) authored a paper on cross sector collaboration entitled Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) She has been a contributing author on numerous papers examining the business and program models for innovative healthcare financing including the use of Medicaid funding for preventive services in articles such as: *Value-Based Payments Within Medicaid and Medicare: How to Pay for What Works in Public Health; State Playbook: Pay for Success Financing, How to Use Innovative Financing to Fund Innovation in Medicaid Value-Based Purchasing Programs;* and *Developing Sustainable Financing Models to Scale Aging-in-Place Programs.*

Ex. 6 Personal Privacy (PP) is a national thought leader to promote the cross sector, integrated green and healthy homes model and in her research papers supporting the benefits of greater investments in lead hazard reduction and healthy homes by the energy and health sectors among others in publications including: Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) served as Principal Investigator or Co-Principal Investigator on multiple HUD funded research projects and has managed the IRB process on numerous GHHI projects that have been approved and overseen regularly by the State of Maryland Department of Health, Johns Hopkins University, University of Maryland Baltimore County and other university Internal Review Boards. In 2014, Ex. 6 Personal Privacy (PP) published Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) in the journal Environmental Justice which detailed research conducted by GHHI and Morgan State University School of Community Health and Policy on the GHHI Baltimore model and its demonstrated results in substantially reducing asthma related hospitalizations, ER visits, missed school days and missed work days for a cohort of families and children in Baltimore City.

She serves as Co-Principal Investigator on a $999,871 HUD 2020 Healthy Homes Technical Studies Grant with the Johns Hopkins Bloomberg School of Public Health's Center for Injury Research and Policy that will research the use of a new Child Housing Assessment for a Safe Environment (CHASE) Tool and various injury prevention remediation measures in 300 homes in Baltimore City. Ex. 6 Personal Privacy (PP) oversees GHHI's research team on a NASA funded Equity and Environmental Justice grant that is researching and conducting data analysis on climate change impacts on urban environments in the State of New York in partnership with Yale University as part of the Identifying Temperature Disparities, Energy Insecurities and Social Vulnerability for Energy Justice in New York State Project. She served as Co-Principal Investigator on a $750,000 HUD Healthy Homes Technical Studies Grant with the University of Maryland Baltimore County's Hilltop Institute that researched the GHHI Baltimore integrated service delivery model's impact on asthma outcomes, Medicaid costs, school attendance, and energy consumption and costs among other indicators through Medicaid claims data, school attendance records and other records. She has served as a researcher and/or investigator on HUD's HB760 study of the Maryland Reduction of Lead Risk in Housing Law and several HUD Lead Technical Studies Grants. Ex. 6 Personal Privacy (PP) has served as a co-coordinator for the State of Connecticut's Green and Healthy Homes Project's feasibility research and oversaw GHHI claims data analysis of HUSKY Medicaid claims data in 2019 of three years of patient data to quantify the expected return on investment for DSS HUSKY's investments in preventive services for asthma, household injury and older adult falls for Medicaid patients.

Ex. 6 Personal Privacy (PP) has extensive experience with PHI usage, HIPAA requirements, Data Use Agreements, and privacy agreements as well as with AWS and similar claims data access systems. She has received training on HIPAA and the HITRUST process and standards, and specific training on Protecting Human Research Participants. As President and CEO of GHHI, she is responsible for insuring compliance with HIPPA compliance for all of the organization's research and Direct Service Programs for clients receiving services.

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) | Cranston RI 02905 | Ex. 6 - Personal Privacy (PP) | Ex. 6 - Personal Privacy (PP)

EXPERIENCE

4/23-Present **GREEN & HEALTHY HOMES INITIATIVE** Providence, RI
Vice President of State and Local Strategic Services

- Manage GHHI's site development and technical assistance projects
- Oversee site development assistance on program management and implementation of the innovative GHHI model currently to Green & Healthy Homes Initiative designated and onboarding sites across the country.
- Provide technical assistance in the development of cross sector green and healthy homes statewide projects where innovate, sustainable healthcare financing is being with states including Connecticut and New York on Provide technical assistance on Lead Poisoning Prevention and Healthy Homes Programs and the development of Lead Action Plans and strategies under contracts with government agencies across the country.

10/14- 4/2023 **C3 COMMUNITY SOLUTIONS, INC.** Providence, RI
President and Founder

- Established C3 Community Solutions to provide consulting services to public, non-profit, and philanthropic clients to strengthen organizations and design, fund and implement innovative economic and workforce development, affordable housing, education, and community-based initiatives to create better futures for low and moderate-income families nationally and in Rhode Island. Selected projects include:
  - *Annie E. Casey Foundation*: Grant writing, planning, and early implementation services to establish the Annie E. Casey Foundation's 5-year, $24 million Learn and Earn to Achieve Potential (LEAP) Social Innovation Fund Program. Lead by a national partnership that includes MDRC, AECF, Jobs for the Future, and Jobs for America's Graduates, LEAP is a national initiative to demonstrate how youth involved in child welfare and juvenile justice systems can successfully attain post-secondary credentials in 10 sites around the country.
  - *Comprehensive Community Action Program*: Facilitation, planning, and grant writing to win a Federal Reserve Bank of Boston Working Cities Challenge grant award to establish One Cranston, a 10-year collective impact initiative in Cranston, RI to increase social cohesion and address economic and racial disparities in employment and education.
  - *Housing Network of Rhode Island:* Management, planning, facilitation, grant writing, legislative advocacy and other services to strengthen the organization as its Board of Directors navigated an executive transition and on-ramped a new Executive Director. Raised over $1.3 million from multiple sources to deploy and demonstrate a statewide tenant education/eviction prevention initiative designed to reduce provider costs and to launch a new collective impact effort, now called Homes RI, to increase the supply of affordable housing in Rhode Island.
  - *Rhode Island Coalition to End Homelessness:* Served as Interim Administrator and worked closely with the Board of Directors, staff, funders, partner organizations and others to guide the organization through an unexpected and challenging executive transition, preserving the organization's status as a key asset in the State of Rhode Island's Continuum of Care. Retained to develop a new strategic plan.
  - *Rhode Island Department of Human Services:* Planning and grant writing services to submit a $6 million proposal to the US Department of Agriculture seeking to establish a Supplemental Nutrition Assistance Program Employment and Training pilot in Rhode Island to demonstrate an innovative transitional jobs program in the State's Healthcare, Hospitality, and Retail sectors.
  - *West Elmwood Housing Development Corporation:* Facilitation, planning, and grant writing to establish Dunamis Synergy, a "two-generation" collective impact initiative to support parents to successfully secure post-secondary credentials and prepare their children to enter kindergarten healthy and prepared to succeed in school. Secured over $2 million in federal and private funding to launch the initiative. Planned and developed a successful proposal to establish a new

Health Equity Zone in Providence's 02907 zip code. Secured agency designation as a Rhode to Equity site to address disparities in asthma prevalence between the 02907 zip code and more affluent areas of the City of Providence by deploying community health workers, mitigating housing related asthma triggers, and air quality monitoring, among other strategies.

- *Newport Partnership for Families:* Strategic planning and facilitation to strengthen the organization following the unexpected and sudden departure of the Executive Director.
- *Rhode Island College:* Worked with the President and the College's Executive Team to lay the groundwork for the College's next 5 year strategic plan. Transitioned to emergency operational planning at the beginning of the COVID-19 pandemic.

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9/12-9/14 **COMMUNITY WORKS RHODE ISLAND (CWRI)** Providence, RI

Executive Director

- Responsible for the management of CWRI, a South Providence based NeighborWorks America chartered Community Development Corporation, and its lines of business, including real estate development, homeownership, foreclosure counseling, asset management, and community building.
- Worked with Board of Directors, local and national funders, and community partners to lead the organization though a significant fiscal crisis.
- Secured public and private grants, donations, subsidy, and real estate financing from multiple sources to stabilize the organization and achieve programmatic obligations.
- Engaged in substantial portfolio and organizational strengthening to significantly reduce vacancy rates within CWRI's residential and commercial real estate portfolios.
- Negotiated multiple workouts with financial partners to improve CWRI's balance sheet.
- Initiated and implemented a merger agreement with the Olneyville Housing Corporation, creating ONE Neighborhood Builders.

7/10-8/12 **COALITION TO END CHILDHOOD LEAD POISONING** Providence, RI

Senior Project Officer, Green and Healthy Homes (GHHI)

- Supported establishment of GHHI project sites in Providence RI, New Haven CT, Buffalo NY, Oakland CA, and Philadelphia PA as part of an innovative national demonstration to make homes in low income communities more energy efficient, healthier, and safer for children and their families.
- Implemented workforce development strategies to train contractors, community members and incumbent employees in construction and healthcare sectors to efficiently implement the initiative.
- Developed and managed resources as required to ensure the success of the initiative, both nationally and in designated project sites, including management of a $3 million Open Society Foundation grant to train and place 1400 low skilled workers into "Green Sector" jobs. Over two years assembled more than $5 million in public and private funding commitments for the Providence demonstration.
- Established and managed a Providence office to support implementation of the national initiative and to provide technical assistance to Northeastern demonstration sites.

2/08-6/10 **CITY OF PROVIDENCE, OFFICE OF MAYOR DAVID CICILLINE** Providence, RI

Director, Pathways to Opportunity

- With support from the Annie E. Casey Foundation, established a new initiative within a fast paced, changing, and political environment to implement strategies to increase economic opportunity.
- Successfully competed against over 1000 applicants to become one of 30 organizations to secure a $2.4 million "Pathways out of Poverty" Green Jobs grant from the US Department of Labor to place low skilled residents into green sector jobs.
- Created and funded programs that resulted in 316 job placements, 51 prevented foreclosures, $2.8 million in tax refunds and $1.5 million in tax credits to low income working families, exceeding targets.
- Lead effort to establish a Supplemental Nutrition Assistance Program-Employment and Training initiative in RI to support the creation of the State's Centers for Working Families.
- Developed and monitored performance measures to ensure quarterly progress towards targets and goals.

1/03-2/08 **MAKING CONNECTIONS PROVIDENCE, ANNIE E. CASEY FOUNDATION** Providence, RI

Director, Family Economic Success Initiatives (2006-2008)

- With resources from the Annie E. Casey Foundation, established a grant portfolio to advance strategies designed to increase economic security among low income Providence families.
- Established program initiatives that resulted in 480 job placements in targeted industries and over $4.7 million in tax refunds and $2.6 million in tax credits to low income families.
- Secured legislation requiring the State of Rhode Island to employ a federal funding mechanism that resulted in at least $1.5 million per year in new workforce training resources. Seeded policy work that led to legislation increasing state funding for adult education by $2.6 million.
- Established and built support for defined, measureable standards of performance against which partners and management could regularly be held accountable.

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Coordinator, Providence Local Learning Partnership (2003-2006)

- Managed staff and resources to provide planning, evaluation, and research related services, including local coordination of a longitudinal study of 1,500 Rhode Island residents.
- Led qualitative and quantitative research to inform planning, goal setting, and evaluation of investments.

6/95-11/02 **SEATTLE HOUSING AUTHORITY** Seattle, WA

Manager, HOPE VI Community and Supportive Services (1999-2002)

- Managed over $3 million in foundation and government grants and directed a diverse 20-member multidisciplinary staff to plan and implement key components of two large public housing redevelopment projects involving the construction of over 2,000 new housing units.
- Led economic development and human services initiatives, managed budgets, procured and monitored contractors, and facilitated multi-agency task forces.

Director, Jobs Plus Demonstration (1995-1999)

- Raised over $2 million from diverse sources to implement the Jobs Plus initiative to transition public housing residents from public assistance to sustainable employment. Attained significant outcomes including over 100 job placements per year that resulted in a 300% increase in employment over three years and an average annual increase of over 20% in participating household's incomes.

ASSOCIATIONS, COMMITTEES & AWARDS

CURRENT AND PAST VOLUNTEER ASSOCIATIONS AND COMMITTEES:

San Miguel School-Board Member, Secretary: The San Miguel School is a private, independent Lasallian middle school for boys from the Providence area that is dedicated to the belief that education is the key to breaking the cycle of poverty.

Housing Network of RI Board of Directors-Secretary: The Network is RI's association of non-profit community development corporations/affordable housing developers and promotes public awareness and policies that address Rhode Island's housing and community economic development needs.

Building Futures Advisory Council: Building Futures helps the commercial construction industry meet its current and future needs for a well-trained workforce and creates career opportunities for low-income urban residents through established building trades apprenticeship programs.

Cities for Financial Empowerment: CFE is an association of 13 Cities seeking to leverage their municipal influence to increase the financial assets and economic well-being of their residents.

Stepping Up Advisory Committee: The Stepping Up Advisory Committee is comprised of labor leaders, management, community partners, funders, and institutions of higher education to develop career pathways for low income, low skilled Providence residents and incumbent workers within the healthcare industry.

RI Welcome Back Center Fundraising Committee-Chairperson: Responsible for securing financing to support the operations of the RI Welcome Back Center, which re-credentials foreign trained immigrant healthcare workers seeking to pursue their chosen professions in the US.

AWARDS:

Recognized as a Friend of the Network by the Housing Network of Rhode Island for work to establish the Homes RI initiative. Inducted into Young Voices Founder Society to recognize sustained commitment to the organization as it empowers low income youth to become confident civic leaders in their communities; RI Senate Citation offering Special Recognition as a RI Welcome Back Center Founding Partner; Best Practices Award from the U.S. Department of Housing and Urban Development and Individual Singular Achievement Award from the American Society of Public Administration, both for implementation of the Jobs Plus Demonstration.

EDUCATION & CERTIFICATIONS

2021 *United States Coast Guard Certified 25 Ton Master Captain License*

1996 *Master of Public Administration, Concentration in Non-Profit Management and International Relations. University of Washington, Seattle WA.*

1991 *Bachelor of Arts, Concentration in Philosophy. Hamilton College, Clinton NY.*

1990 *Language and Cultural Submersion, Independent Study on Delivery of Relief Supplies to Newly Established Burmese and Karen Refugee Border Camps. Experiment In International Living/Payap University, Chiang Mai, Thailand.*

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Current Position

Director, State and Local Strategic Services, *Green & Healthy Homes Initiative* Jun. 2022 – present

Build network of partners across housing, health and energy sectors to lead organization's work to create and disseminate capacity building resources for jurisdictions implementing GHHI's model to align, braid, and coordinate housing repair programs to reduce home health hazards and energy cost burdens.

- Manage ongoing programs in Mississippi to deliver services for lead hazard control, asthma management, and energy efficiency; engaging 75 housing program clients per year and building capacity statewide for healthy housing repair program grants management and service implementation.
- Identify and provide writing and research support for federal and philanthropic grant opportunities, both internally and for external partners on a contractual basis; and provide cross-team support for organizational research projects in healthy homes, energy efficiency and building decarbonization sectors.
- Produce and disseminate educational content and strategic communications to the national network of GHHI partners and represent GHHI on national and regional coalitions advancing equity in access to healthy, safe, efficient and decarbonized housing.

Previous Positions

Senior Site Engagement Specialist Jan. 2019 – Jun. 2022

- Collaborated with over 30 GHHI Site Coordinators to provide technical assistance to support planning, network building, and project administration using GHHI's model to align, braid, and coordinate housing repair programs to reduce home health hazards.
- Delivered trainings and presentations to diverse audiences (average 10 per year) to expand awareness of housing-related health hazards, health and economic outcomes of housing interventions, and resources to build community strategies to coordinate housing repair resources.

Outcome Broker Oct. 2014 – Dec. 2018

- Led implementation of an integrated housing service delivery system for low and moderate income households by facilitating organizational partnerships, building capacity and providing technical assistance, and developing sustainable funding strategies for programs.
- Managed multi-agency partnership working to expand capacity of Jackson government, non-profit organizations and community groups to address home health hazards, including lead, asthma triggers, and serious injuries by leading training sessions, community outreach activities, and strategic visioning and goal setting events.

Relevant Experience

Housing & Community Development Director, *Midtown Partners, Inc.*
Jackson, MS July 2013 – Oct. 2014

Managed housing and neighborhood development programming for Jackson's Midtown neighborhood, including rental property management, homeownership support, land bank management and property acquisition, and other land use planning and development projects. Responsible for facilitating community meetings to discuss community development proposals.

- Responsible for management and oversight of 48 land parcels and 6 rental properties.
- Administered grant-funded housing development projects valued at almost $10 million annually (Federal Home Loan Bank, HUD, Low Income Housing Tax Credit funds).

Special Projects Officer, *Office of the Mayor, City of Jackson, MS*

-more-

Phone: Ex. 6 - Personal Privacy (PP) | **Email:** clee@ghhi.org | **LinkedIn**: Ex. 6 Personal Privacy (PP)

Jackson, MS Nov. 2011 – June 2013

Supported staff for Mayor Redacted and Chief of Staff/Assistant Chief Administrative Officer; coordinated various projects and initiatives requiring collaboration among administrative departments, led specialized research projects to update public policy priorities and produce economic development strategic plans. Special Projects included City of Jackson Civil Rights Driving Tour, EPA Greening America's Capitals program, policy initiatives for annual budget, estimated economic impact of tax-exempt property in Jackson, public art funding policies, strategic demolition plan for Office of Community Improvement, and the administration's Environmental Sustainability Plan.

Education

Jackson State University Jackson, MS Aug. 2009 – Dec. 2011
Master of Arts, Department of Urban and Regional Planning
Concentration area in Community Development and Housing; focuses of study were in sustainable transportation and land use development, disaster planning, and housing policy analysis.
Thesis Topic: "The Land Use/Transportation Connection: Applying Sustainability Discourse to Transportation System Policies"

University of Tampa Tampa, FL Aug. 2001 – Dec. 2004
Bachelor of Arts, Communication
Coursework focused on critical film studies and graphic design; additional honors coursework concentrated in American Government.

Research & Publications

- Ex. 6 Personal Privacy (PP) | Analysis of state policies impacting conditions of occupied housing units and related health and economic outcomes, and development of plans and policy recommendations to a improve housing conditions in 300,000 housing units.
- Ex. 6 Personal Privacy (PP)
  Ex. 6 Personal Privacy (PP) | Literature review and analysis to explore how home-based energy efficiency measures, weatherization and healthy home upgrades can confer non-energy benefits at the individual and community level, effectively address social determinants of health, and drive significant savings by improving economic, health and environmental outcomes for residents of affordable housing.

Continuing Education

- 2014-2015 Leadership Greater Jackson class
- Millsaps College Else School of Management Business Advantage Program for Professionals

Affiliations & Certifications

- American Institute of Certified Planners, American Planning Association and Mississippi Chapter, Member
- Bike Walk Mississippi, Board of Directors
- City of Jackson Climate Task Force, Member

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Baltimore MD 21224

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Ex. 6 - Personal Privacy (PP) Work
hmoreno@ghhi.org

EDUCATION

University of Puerto Rico, San Juan, P.R. — Bachelor of Science in Biology (1985)
University of Puerto Rico, San Juan, P.R. — Master of Science in Biology (1989)

WORK EXPERIENCE

Subject Matter Expert in Building Performance & Environmental Health
2017 – Current

Housing Assessment & Quality Assurance Program Manager
2015 - 2017

Senior Environmental Assessment Specialist
2013 - 2015

Environmental Assessment Technician
2009 - 2013

Green & Healthy Homes Initiative (GHHI)
Baltimore MD

Duties:

- Provide technical support to GHHI's partnering Cities and NGOs through the US on topics relating to Building Performance & Environmental Health and Safety.
- Provide training to GHHI's partnering Cities and NGOs through the US on principles and protocols for conducting Comprehensive Health, Safety and Energy Efficiency Housing Assessments in low/medium income households.
- Oversee GHHI's Housing Assessment/Energy Auditing technical proficiency and GHHI's Quality Assurance and Quality Control (QAQC) efforts for housing interventions.
- Coordinate and conduct home-based environmental health & safety assessments, home inspections, energy audits, Integrated Pest Management (IPM) and Quality Control Inspection activities.
- Develop Scopes of Work and cost estimates for home modifications to address housing health & safety hazards (i.e. lead hazard reduction, mold/moisture remediation, residential ventilation, integrated pest management, allergen reduction, indoor air quality, injury prevention), energy efficiency, and weatherization interventions
- Upgrade and maintain the Green and Healthy Homes Initiative (GHHI) Comprehensive Assessment tool (GHHI-CAT) which integrates protocols for home based environmental health and safety assessments, energy auditing, and Integrated Pest management (IPM). This Comprehensive Assessment Tool is currently used at GHHI sites locally and throughout the USA.
- Provide outreach and technical training to families and construction workers (including Latino families and individuals)

on health & safety risks awareness, prevention techniques, and prevention resources for home-based environmental health and safety hazards in target communities

- Provide Spanish language support for outreach activities into the Latino community, translation into Spanish of educational material on lead poisoning awareness, interpret for case workers and attorney helping Latino families, and assist with Spanish media during National Lead Poisoning Awareness Multi-media campaigns (radio interviews, proofread of Spanish text use for press releases, website, etc.)

Public Health Sanitarian in Training
2008 – 2009

Cincinnati Health Department, Cincinnati, Ohio

Duties:

- Investigated and resolved complaints and inquiries related to food safety, indoor/outdoor air quality issues, unsanitary housing complaints, vector/pest control issues, mold contamination, etc.
- Conducted investigations/risk assessment of residences with children that have high levels of lead in their blood, collected dust samples, and measured lead levels using an X-Ray Fluorescence Lead Paint analyzer (Lead hazards risk assessor)
- Developed grant opportunities for research.
- Provided Spanish language support for outreach activities into the Latino community, translation into Spanish of educational material on lead poisoning awareness and food safety, interpret for health sanitarians dealing with Latino clients, and training of Latino workers in food safety principles.

Owner, Business Developer, Marketing Director
2004 – 2008

CincyLatino LLC, Cincinnati, Ohio

Duties:

- Supported and assisted companies, community organizations, and government agencies wanting to reach and serve the local Latino community.
- Developed and implemented social marketing strategies and campaigns for businesses and organizations, interested in reach the local Latino community.

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Project Manager, Microbiologist
1989 – 2006

US Environmental Protection Agency, Cincinnati, Ohio

Duties:

- Conducted and coordinated microbiological research in drinking water purification technologies.
- Oversaw/coordinated performance of contractors and engineers to ensure operation within experimental design, budget determinations, and safety codes.
- Coordinated field demonstrations projects of drinking water treatment technologies in Ecuador, Mexico, and Puerto Rico.
- Provided Spanish language support in the translation of technical documents on water quality, and interpreting for USEPA engineers and scientists during research trips to sites in Latin America,

CURRENT TRAINING & CERTIFICATIONS

- Building Performance Institute (BPI) Quality Control Inspector (QCI)
- Building Performance Institute (BPI) Building Analyst
- Maryland's Pest Control Applicator License
- Maryland's Home Inspector Certification
- Healthy Homes Practitioner Certification
- Mold Assessor/Inspector Certification
- US-EPA Lead Safety for Remodeling, Repair, and Painting Certification
- Maryland's Lead Paint Abatement Worker Certification
- Lead hazards inspector/risk assessor (Ohio licensed - inactive)
- HUD's Healthy Homes Rating Tool (HHRT) training
- SERVSAFE® Program Certification *(Food safety education)*
- Person-In-Charge Certification *(Food safety education)*
- Uniform Food Safety Code training
- Public Information in A WMD/Terrorism Incident training
- Hazardous Material Incident Response Operations training
- Incident Command System for Healthcare/Hospitals training
- National Incident Management System training
- Radiation Safety training

COMPUTER SKILLS

- Microsoft Word
- Microsoft Excel
- Microsoft PowerPoint
- Hancock Energy Modeling Software

LANGUAGE SKILLS

- Bilingual in Spanish & English
- Reading ability in French

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Employment

GREEN & HEALTHY HOMES INITIATIVE (GHHI) *2010 - PRESENT*

Senior Vice President of National Programs

Heading up advocacy, policy analysis, and work on innovative financing and partnerships at GHHI, a national organization with the mission of breaking the link between unhealthy housing and unhealthy families. As the head of national programs, leads projects around the country that are collaborations that include healthy homes and energy efficiency providers, healthcare payers, and healthcare providers, utilizing the impact that housing has on health outcomes as a new funding source for home repair services. He has focused on reimbursement for healthy homes interventions from Medicaid and other health care payers and the return on investment of education and environmental control in combatting asthma, falls, and home-based injuries. He also takes the lessons learned on the ground and formulates policy recommendations or identifies best practices to take to scale. His portfolio includes over thirty projects advancing innovative partnerships with healthcare and social service providers, including some of the first housing programs to be directly funded by a Medicaid managed care organization, and the first outcomes-based financing (pay for success) project with Medicaid as the outcomes payer. The technical assistance work includes asset and gap analysis, healthy homes program design, data analysis, cost-benefit analysis, evaluation design, pilot design, payment structure development, building cross-sector networks, and service delivery support.

Ex. 6 Personal Privacy (PP) advocacy work includes working at the local, state, and federal level on policies that address lead poisoning, asthma, home injuries, and energy efficiency. Ex. 6 Personal Privacy (PP) previously served as VP of Policy and Innovation, and Senior Project Officer on the implementation of the GHHI model, helping dozens of jurisdictions align resources related to lead, healthy homes, and weatherization services and working with HUD to expand the impact of integrated services, leading to 597,000 HUD-associated units receiving integrated interventions since 2010.

TIME SYSTEMS *2009 - 2010*

Lead Analyst

Designed a project management tool using Sharepoint to oversee a multi-million dollar construction project for a northern VA 501(c) organization. Designed and oversaw project schedule using Primavera software and dealt with project subcontractors in the areas of IT, wiring, security, interior design, A/V, and other areas. Also was the project lead in the design, programming, and facilitation of an information management tool for the Research Partnerships Group of the Federal Aviation Administration (FAA).

IBM *2006-2007*

Special Projects Analyst

Conducted billing research for the contracts section of the hardware maintenance division, and was placed as head of a small team of other analysts looking at various projects to optimize billing.

TERRY SANFORD INSTITUTE OF PUBLIC POLICY *2005 - 2006*

Teaching Assistant / Research Assistant

Teaching assistant and research assistant for courses in health policy. Aided Duke undergraduate students in formulating a community health assessment and plan for a health center in Durham. In another course aided in research and writing of articles on the history of American health policy.

PREFERRED NURSES *2002-2003*

Nursing Agent

Nursing agent in charge of marketing and registering new clients with the agency. Handled scheduling nursing clients, client records, receiving and shipping, marketing to area hospitals.

HOFFLUND / POLONE *2000-2001*

Executive Assistant

Executive assistant to a TV/Film producer and manager. In charge of the company script library and financial documents. He handled phones, receiving and shipping, travel arrangements, monetary deposits, scheduling, and client concerns. In addition, he evaluated scripts for development executives.

JOHNS HOPKINS HOSPITAL DEPARTMENT OF NEUROSCIENCE *1999*

Research Assistant

Research assistant under Dr. Benjamin S. Carson. Conducted follow-up interviews and processed and analyzed data for a study on an assistive device for the treatment of positional plagiocephaly. Work published in Journal of Craniofacial Surgery.

JOHNS HOPKINS UNIVERSITY SCHOOL OF PUBLIC HEALTH *1998-1999*

Research Assistant

Research assistant for a project in AIDS research at the Department of Microbiology and Molecular Immunology. Gave weekly reports during lab meetings and acquired knowledge of the cellular processes of HIV infection and the research and development of vaccines.

Education

Harvard University
BA Biomedical Engineering – 2000

Coursework at Terry Sanford Institute of Public Policy

Example Publications:

"Air Conditioning, Heat Vulnerability, and Racial Equity". GHHI. December 2020
"Capitalizing on the Health Impacts of Improving Housing Conditions," Practical Playbook II, Feb 2019
"Preventing Falls with Healthy Homes: Creating a Safe Environment for Adults to Age in Place" GHHI. Oct 2018
"Utilizing Pay for Success Financing: A Playbook for State Medicaid Managed Care Programs." GHHI. June 2017
"Identified Barriers and Opportunities to Make Housing Green and Healthy Through Weatherization." GHHI. Oct 2010

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gwstewart@ghhi.org

EDUCATION

University of Baltimore School of Law, Baltimore, Maryland
JURIS DOCTOR, January, 1994
Activities: International Law Society, Environmental Law Society
University of Aberdeen, Aberdeen, Scotland
Summer 1991 *Comparative Law Program*
Villanova University, Villanova, Pennsylvania
BACHELOR OF ARTS, May 1988
Majors: Economics & Political Science

EXPERIENCE

Green & Healthy Homes Initiative

2020-Present ***Senior Advisor and General Counsel*** Baltimore, MD
Currently serve as technical advisor to GHHI's more than 75 partner jurisdictions and technical assistance clients across the country. Provide technical trainings nationally on program design, program development and integrated housing, health and energy platforms. Serve as General Counsel for the organization as well as Interim Maryland Program Services Director.

2013 - 2019 ***Vice President of Technical Assistance and Legal Services*** Baltimore, MD
Provide national technical assistance on program management and implementation currently to more than 30 Green & Healthy Homes Initiative (GHHI) designated and onboarding sites, partner jurisdictions and HUD Healthy Homes and Lead Hazard Grant Programs. Provide trainings nationally on Healthy Homes, lead hazard reduction and prevention, and GHHI green and healthy homes integrated model strategies. Provide trainings extensively to owners, tenants, realtors, insurers, and attorneys throughout Maryland and the United States on the Maryland Reduction of Lead Risk in Housing Law, federal Title X, Lead Safe Housing Rule, EPA Renovation, Repair and Painting Rule, and other lead poisoning prevention initiatives. Provide grant writing and technical assistance to Cities, Counties, and States in the preparation of HUD Lead and Healthy Homes grant applications, program design and in the development of lead poisoning prevention and Healthy Homes strategic plans.

2004 - 2013 ***Director of Program Services*** Baltimore, MD
Oversee overall Lead Hazard Reduction, Case Management, Legal, and Housing Relocation Assistance Program service delivery. Assist with management, oversight, and implementation of $4,000,000 in HUD Lead Elimination Action Project (LEAP), $3,805,000 in Healthy Homes Demonstration and Production Grants, $1,287,000 in US Department of Energy Weatherization Innovation Grant Program, Maryland Energy Administration EmPOWERING Clean Energy Program, Baltimore City Community Development Block Grant Programs, and the Green & Healthy Homes Initiative. Oversees integration and braiding of Green & Healthy Homes Baltimore Programs that are producing comprehensive weatherization, energy efficiency, lead hazard reduction and Healthy Homes housing interventions.

Served as Program Director for the GHHI's legal services as well as its HUD funded lead hazard reduction and Healthy Homes programs, and DOE and MEA funded weatherization and energy efficiency programs in Baltimore City and Prince George's

County, Maryland. Former Program Director for statewide MDE Family Advocacy,Tenant Rights Assistance, and Compliance Assistance Program with responsibility for delivering case management, housing relocation, advocacy services, and integration of program with all GHHI outreach services. Provide statewide training on federal and state law, HB1245, Rent Escrow and lead poisoning prevention practices to tenant families, attorneys, insurance companies and community organizations. Direct GHHI's Compliance Assistance Program providing assistance for property owners on the provisions of the Maryland law and federal Title X. Assist with policy design and development for GHHI and statewide lead poisoning prevention programs.

6/2008-2013 ***Program Manager –Healthy Homes Demonstration and Production Grant Programs***
2/2003-9/2005 Program Director for successful HUD Funded Healthy Homes Demonstration Grant Programs providing Healthy Homes education, inspection, assessment, and lead hazard reduction interventions in 1,500 homes in at risk communities in Baltimore City. Responsible for compliance with unit production, and contract deliverables as well as reporting and budgeting for Program. Oversee day-to-day program management and implementation of Program. Supervised Healthy Homes Program Staff and subgrantees.

12/2001-2/2003 ***Program Director – Prince George's County Lead Reduction Program***
Directed GHHI's Prince George's County office which was a component of the County's HUD funded Lead Hazard Reduction Program. Provided oversight of the Prince George's County office's lead poisoning prevention outreach and education initiatives, lead hazard reduction team, and administrative responsibilities.

1999-present ***Technical Assistance Associate*** Baltimore, MD

9/1992-6/1996 **Michael C. Eisenstein, Law Offices** Baltimore, MD
Attorney/Law Clerk
Represented clients in Maryland Court of Special Appeals, Maryland Circuit and District Courts, Maryland Workers' Compensation Commission, and United States Department of Labor trials and hearings.

PROFESSIONAL AFFLILIATIONS

MARYLAND BAR - Admitted December, 1994.
Memberships: Maryland State Bar Association; Johns Hopkins University School of Public Health Community Council (2014-2019); Maryland Rental Housing Coalition (2007-present); Maryland Lead Poisoning Prevention Commission Lead Task Force (2009-2010); District of Columbia Lead Elimination Task Force (2007-2008), Board Secretary, Lafayette Square Community Center (1998-2000); Steering Committee, Public Justice Center (1999-2001); Baltimore City Lead Enforcement Task Force (1998).

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PROFESSIONAL EXPERIENCE

GREEN & HEALTHY HOMES INITIATIVE (GHHI) | Baltimore, MD
Manager of Environmental Health Education & Community Engagement January 2021 - Present
Manage GHHI-Amerigroup Asthma Program in Baltimore and other jurisdictions in Maryland

- Coordinate services and assist with client data collection for HUD Healthy Homes Technical Studies Grant Program with Johns Hopkins Bloomberg School of Public Health
- Supervise personnel and manage private sector, federal, state, local and foundation supported direct environmental health education and case management services program staff and assure adherence to grant/contract guidelines, deliverables, project benchmarks and reporting
- Assure quality lead, asthma and household injury prevention resident education and direct service delivery in targeted communities
- Coordinate client prevention supplies delivery, inventory management, housing assessment and intervention services
- Coordinate Johns Hopkins School of Nursing and other Maryland Programs interns with the Vice President of Maryland Program
- Ensure proper program client follow-up and external referrals with partners from government, the health care sector and nonprofit organizations
- Identify program barriers and make recommendations towards overcoming them
- Assure proper data collection and adherence to program guidelines for evaluation and auditing
- Maintain responsibility for internal weekly project reporting
- Design program marketing and build community and stakeholder partnerships to increase client referrals, promote prevention education, and link services to target audiences, providers and stakeholders
- Assist with grant writing for Program initiatives as requested
- Represent organization, including public speaking. at public events and other external meetings;

GREEN & HEALTHY HOMES INITIATIVE (GHHI) | Baltimore, MD
Senior Environmental Health Educator October 2018 – Present
Provide one-on-one public health education with case management to the Baltimore community, covering methods to improve and maintain health and safety, prevent injuries, and develop long-term home maintenance plans

- Lead asthma care management program for children diagnosed with moderate to severe asthma
  - Provide asthma self-management education and multifactorial environmental health services to address triggers in the home
  - Develop individualized assessments and case management action plan guidelines for parent to manage asthma in the home and future evaluation
  - Follow up with clients for 12 months by phone and in-person
- Maintain detailed and concise records of family meetings and sessions using GHHI's data collection system called Efforts to Outcomes (ETO)
- Report data in compliance with standards and regulations and assist Program Manager in regular program reporting
- Conduct GHHI trainings and educational presentations to CBOs, parents, and residents
- Build and foster established and new community and stakeholder partnerships to promote prevention education and connect GHHI related services to targeted audiences, providers and

stakeholders;
- Provide outreach to at-risk communities through representation at meetings, health fairs, and other events that reach at-risk audiences and stakeholders

NOVOCURE | Baltimore, MD **August 2015-June 2018**
Clinical Device Support Specialist
Supported commercial and clinical trial oncology patients with the instruction and utilization of the FDA-approved NovoTumor-Treating Fields Optune medical device for stage four brain cancer: glioblastoma

- Provided education, clinical expertise, product demonstration, sales support, complaint resolutions, technical support, supply management, and in-service trainings
- Steered and developed community service events, such as "Race For Hope" during Brain Cancer Awareness month; collaborated with neighboring schools, churches, and hospitals to raise funding and awareness
- Clinical trial participation with the Hospital of The University of Pennsylvania on the study of the effect and outcome of tumor-treating fields for pediatric patients
    - Ensured compliance with all regulations (GCP, ICH, IRB), policies, ethical codes, and guidelines to promote the safety and efficacy of the human subject matters
- Tested new clinical trial products and gave input for future possible oncology treatments
- *SAP Expert*: the expert of the software and online-database of EHR for the North Region
- Administrative duties: travel coordination, supply orders, and expenses

BAY AREA ORTHOPEDICS & SPORTS MEDICINE | Arnold, MD **July 2012-August 2015**
Certified Athletic Trainer (ATC)
Managed the overall care of participating athletes at local high schools in Anne Arundel County, under the supervision of seven orthopedic surgeons

- Provided prevention, evaluation, treatment, and rehabilitation of musculoskeletal injuries in the clinical setting
- Prepared athletes for play by utilizing therapeutic modalities, proper taping, therapeutic exercises, and post-activity treatments
- Provided skilled manual therapy techniques such as joint mobilization and therapeutic massage
- Delivered health education to patients in the application, use, care, and expected outcome for orthopedic durable medical equipment, as well as insurance plans and provisions, and their financial responsibilities
- Performed and assisted in clinic operations: suture/staple removal, cast apply/removal, injections

EDUCATION

Creighton University School of Medicine, Omaha, NE
Masters of Public Health, (MPH) **May 2017**
Focus: Public Service & Healthcare Management

Towson University, Baltimore, MD
Bachelors of Science (BS), Sports Medicine & Athletic Training **May 2012**

PROFESSIONAL CERTIFICATIONS, LICENSES, & MEMBERSHIPS

- Athletic Trainer, National Athletic Training Association, Board of Certification, Inc.
- American Heart Association CPR/AED for Professional Rescuer / First Aid for Professional Rescuer
- Maryland Board of Physicians, State of Maryland Athletic Trainer License

- American Public Health Association, member

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Kmuhammad@ghhi.org

Technical Assistance Specialist

GREEN AND HEALTHY HOMES INITIATIVE ***SEPTEMBER 2021 – CURRENT***
(Baltimore MD) JERSEY CITY, NJ

Subject matter expert on state and local childhood lead poisoning prevention programs. With a dynamic history of providing collaborative team leadership. Skilled orator, providing strategic technical assistance across the spectrum of lead poisoning prevention and healthy homes, in communities most impacted by poor housing. Creating sustainable programming to meet community needs. Including, identifying gaps in services, developing impactful campaigns, and building programmatic capacity tailored to serve the demands of each individual organization.

AREAS OF EXPERTISE

- ***Team Leadership***
- ***Community Outreach***
- ***Public Speaking***
- ***Policy Implementation***
- ***Lead Hazard Reduction***
- ***Community Education***
- ***Stakeholder Training***
- ***Conflict Resolution***
- ***Lead Poisoning Prevention***
- ***Community Organizing***
- ***Family Advocacy***
- ***Lab Sample Collection***

PROFESSIONAL EXPERIENCE

CHILD PROTECTIVE SERVICES, DALLAS, TX ***MAY 2019 – NOV 2020***
DALLAS COUNTY, CASE PLANNER II

- *Reviewed case reports of neglected, abused children, families, assessed needs/goals*
- *Collected documentary evidence of safety, trauma, placement barriers, future risk of victimization*
- *Comprehensive family assessments, child and family care plans, monitored/documented visitation*
- *Prepared court reports, compiled case evidentiary, testified in court proceedings*
- *Promoted service and family engagement, including on-call crisis intervention*
- *Conducted on-going evaluations of family service provision progress*

LRC PROPERTIES, LLC., RICHARDSON, TX ***AUGUST 2018 – MAY 2019***
LOGISTIC PROCUREMENT SPECIALIST

- *Spearheaded construction specific project activities*
- *Tracked inventory control, purchasing, cultivating vendor relationships*
- *Managed service level agreements and processing purchase invoices*
- *Coordinated transactional workflow with internal stakeholders and suppliers*

DOUGLAS COUNTY HEALTH DEPARTMENT, OMAHA, NE APRIL 2015 – MAY 2018
CHILDHOOD LEAD POISONING PREVENTION, PROGRAM MANAGER

- *Coordinated Cooperative Agreement with Environmental Protection Agency to reduce child lead exposure*
- *Improved access to lead testing, increased lead education awareness, and specialized home inspections*
- *Proficient in CLPP Data Management Platform*
- *Identified health inequities, environmental health disparities, the impact of lead exposed children*
- *Analyzed community needs to define program direction, finalized quarterly performance reports*
- *Participated in establishing program policies*

DOUGLAS COUNTY HEALTH DEPARTMENT, OMAHA, NE NOV 2012 – APRIL 2015
CHILDHOOD LEAD POISONING PREVENTION, LEAD RISK ASSESSOR

- *Conducted detailed home inspections/sampling of properties in accordance with HUD/EPA standards*
- *Facilitated actions to eradicate lead paint hazards, renovations repair practices related to healthy homes*
- *Initiated lead nuisance citations, identified environmental criminal liability*
- *Prepared comprehensive time-sensitive environmental reports*
- *Generated corrective actions, as it relates to lead hazard reduction*

DOUGLAS COUNTY HEALTH DEPARTMENT, OMAHA, NE FEB 2008 – NOV 2012
CHILDHOOD LEAD POISONING PREVENTION, MEDICAL CASE MANAGER

- *Monitored/managed data of county wide cases for lead exposed children*
- *Located, interviewed, and assessed the lead exposure of children, families, make appropriate referrals*
- *Navigated medical systems to connect with community resources*
- *Provided family/community lead education on risk reduction, nutrition, lead safe practices, housekeeping*
- *Maintained a balance of objectivity and empathy encouraging, supporting families in crisis situations*

ACCOMPLISHMENTS

VETTED PRESENTATIONS NATIONAL ENVIRONMENTAL HEALTH ASSOCIATION CONFERENCES

PUBLISHED MANUSCRIPT

Ex. 6 Personal Privacy (PP) *"RAPID ENVIRONMENTAL HEALTH RESPONSE TO HIGH VENOUS BLOODLEAD CONCENTRATIONS IN A CHILD LESS THAN 6 YEARS OLD: A LOCAL HEALTH DEPARTMENT PERSPECTIVE." JOURNAL ENVIRONMENTAL HEALTH,* ***81****, NO. 1(2018):22-28.*

EDUCATION

BACHELOR OF SCIENCE, HEALTH SCIENCES
LINFIELD COLLEGE
PORTLAND, OR

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Green & Healthy Homes Initiative

Ex. 6 - Personal Privacy (PP)

wtucker@ghhi.org

EDUCATION

MIT SLOAN SCHOOL OF MANAGEMENT & HARVARD KENNEDY SCHOOL OF GOV'T Cambridge, MA
MBA and MPA Graduate (Dual-Degree Program) 2019-2022

- *Managing Director*, **MIT Clean Energy Prize**; *Director of Climatetech VC Panel*, **MIT Energy Conference 2020**
- Teaching Fellow for Climate Disruption course at HKS, independent study on industrial decarbonization at MIT

HARVARD UNIVERSITY Cambridge, MA
BA in Social Studies, Citation in Mandarin Chinese 2011 - 2015

EXPERIENCE

GREEN & HEALTHY HOMES INITIATIVE (GHHI) Baltimore, MD (remote)
GHHI is dedicated to addressing the social determinants of health, opportunity, and equity through the creation of safe, healthy, and energy efficient homes. Sept. 2022-present
Director, Policy & Innovation

- Project manager for the New York Healthy Homes Collaborative, a pay-for-success home asthma intervention project
- Leading the development of a feasibility study to assess health impacts of residential electrification
- Supporting business case, analysis and funding development for healthy housing and electrification projects

SCHNEIDER ELECTRIC INNOVATION @ THE EDGE Cambridge, MA
Innovation team that partners with, invests in, and incubates startups enabling a digital, electrified future July 2021-June 2022
Business Intern - Partnerships

- Lead analyst on deep dive into carbon management (Scope 3 emissions accounting and carbon offsetting)
- Interviewed 50+ startup teams to conduct diligence on technology, market, and team, and assess strategic synergies
- Presented market and benchmarking analysis to Chief Strategy Officer, culminating in pilot with carbon accounting startup

ELECTRIFIED THERMAL SOLUTIONS Cambridge, MA
Early-stage thermal storage startup that recently raised $4.5 million Series A round Summer 2021
Business Strategy Intern

- Met Founder in MIT class in Spring 2020, advised on business strategy and made introduction to technical Co-Founder
- Conducted market research of US combined heat and power installations, segmented market and identified target customers

PRIME COALITION Cambridge, MA
The Prime Impact Fund is a $50 million early-stage VC fund investing in breakthrough climate tech startups Summer 2020
Investment Fellow

- Researched opportunities in decarbonizing industrial process heat, presented recommendations to full Investment Team
- Supported due diligence on industrial heating startup with primary and secondary research
- Broadened network of co-investors by contacting and building relationships with 10+ climate tech VC funds

CLIMATE LEADERSHIP COUNCIL Washington, DC
Energy & climate policy institute founded in 2017, joined Founder & CEO as first hire pre-launch 2016-2019
Chief of Staff (2019)

- Advised CEO on organizational operations and strategy by interfacing with all 7 senior department heads
- Wrote grant proposals and reports that elicited $6+ million in philanthropic funding
- Liaised with Board of Directors, presented organizational updates at annual board meetings
- Managed hiring processes for junior staff and advised CEO on hiring during period of rapid organizational growth

Deputy Chief of Staff & Senior Program Associate (2018-2019), Program Associate (2016-2018)

- Oversaw launch of a spinoff 501(c)(3) focused on college campuses, helped raise $250K in seed funding
- Led digital marketing campaigns including building 3K+ Twitter following organically
- Edited 5+ white papers distributed to senior executives at energy majors and discussed at quarterly roundtable meetings
- Served as de facto Communications Director: developed talking points for use by CEO and partner executives

ADDITIONAL INFORMATION

- Fellow, Clean Energy Leadership Institute (2017); continue to volunteer on leadership team

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EXPERIENCE

GREEN & HEALTHY HOMES INITIATIVE | Baltimore, MD
Vice President of Communications | November 2022 – Present
Develops and implements an integrated strategic communications plan to advance GHHI's mission and brand identity, broaden awareness of its programs and priorities, and increase the visibility of its programs across local and national audiences. Oversees the development of all print communications materials and electronic communications including the GHHI website and social media channels.

MONTAGE MARKETING GROUP, LLC | Bethesda, MD and McLean, VA
Vice President, Marketing Communications | April 2021-November 2022
Led, developed, tracked, and oversaw comprehensive communications and marketing strategies across multiple internal and external stakeholders, including the Department of the Air Force, FEMA, NIH, and others. Drove the implementation of strategic marketing plan to enhance Montage's brand awareness, cultivate new business opportunities, and support the integration of diversity, equity, inclusion, and accessibility goals across the enterprise.

ST. JOHN'S EPISCOPAL CHURCH | Royal Oak, MI
Associate Rector | July 2017-April 2021
Co-led all operational, pastoral, and managerial functions of a large Episcopal church in Metro Detroit. Directed adult educational programming focused on progressive theological perspectives to address racism, champion LGBTQ inclusion, and promote intergenerational engagement. Co-directed the implementation of a $1 million capital campaign.

GREEN & HEALTHY HOMES INITIATIVE | Baltimore, MD
Director, Communications & Strategic Development | June 2011-December 2013
Developed and implemented an integrated communications strategy in support of the national launch of an environmental health advocacy organization serving children, families, and seniors in low-income households and communities. Cultivated relationships with philanthropic partners and federal agencies to generate financial and in-kind support. Launched an interactive website and cross-platform magazine, to drive awareness and knowledge sharing among key audiences.

OFFICE OF GOVERNOR JENNIFER M. GRANHOLM | Lansing, MI
Director, Economic Recovery Office | March 2009-December 2010
Directed and assessed the implementation of more than $18 billion in American Recovery and Reinvestment Act (ARRA) programs for the state of Michigan. Co-created organizational systems and processes to improve the effectiveness and efficiency of cross-departmental initiatives. Served as the key liaison between state and federal agencies and the White House.

MICHIGAN STATE UNIVERSITY | East Lansing, MI
Senior Manager, Executive Communications | August 2007-March 2009
Served as a trusted advisor and strategic thought partner for university leadership. Developed and implemented strategic communications initiatives, in collaboration with VP of University Relations, General Counsel, and VP of Governmental Affairs. Crafted institutional responses to issues demanding executive- level intervention, often in real time.

FIRST BOOK | Washington, DC
Vice President, Communications | May 2006-August 2007
Developed and executed the communications strategy and brand marketing efforts for a national literacy nonprofit. Coordinated public relations and media outreach for industry-leading cause marketing campaigns with corporate, publishing, government, and nonprofit partners.

BORDERS GROUP, INC. | Ann Arbor, MI and Columbus, OH | April 1989-May 2006

Public Relations Manager

Fostered relationships with trade media contacts to maximize earned media exposure. Developed strategic partnerships with CARE and First Book to drive awareness and generate funds.

Manager of Training

Led a $1.5 million employee training program for 17,000 employees in 300+ retail locations.

General Manager

Managed all aspects of retail bookstore generating $6.5 million in annual revenue.

EDUCATION

VIRGINIA THEOLOGICAL SEMINARY | Alexandria, VA | Master of Divinity

MICHIGAN STATE UNIVERSITY | East Lansing, MI | Bachelor of Arts

OTHER

EPISCOPAL DIOCESE OF MICHIGAN | Detroit, MI

Chair, Diversity and Inclusion Task Force | August 2017-December 2019

In collaboration and consultation with the Bishop of Michigan, led the efforts of the Diversity and Inclusion Task Force to further the equity and reconciliation goals of the Diocese. Created and delivered training programs for parishes and Deaneries; developed and led D&I program for annual convention that included training opportunities and panel discussion during general session.

STREET REACH | Grand Rapids, MI

Street Chaplain | June 2016-August 2016

Served as a chaplain to homeless individuals and those living in local shelters who had co-occurring mental illness and addiction disorders. Visited makeshift camps to check on safety and well-being of residents; and provided guidance related to housing, health, and food programs.

WASHINGTON, DC JAIL | Washington, DC

Volunteer | 2014-2017

Co-led conversation-based programs with men serving in the re-entry unit of the Washington, DC jail. Served as a volunteer chaplain to men housed in the "status" (solitary and special confinement) units, providing presence and conversation. Led conversation-based program for women in a residential addiction treatment program in the jail. Focused discussions on storytelling and shared experiences.

Work Experience

Communications and Marketing Professional

Sr. Associate, Social and Digital Media

Green & Healthy Homes Initiative
Baltimore, MD

February 2023 - Present

- Develop and execute communication strategies for various projects, increasing engagement and improving brand awareness.
- Manage and update website content and ensure that it is in line with the company's brand guidelines.
- Coordinate with cross-functional teams to create compelling content, including social media posts, and email campaigns.
- Ensure brand messaging is consistent across the company by reviewing, editing, and formatting various internal communication materials.

Sr. Associate, Marketing and Communications

National Community Reinvestment Coalition
Washington, DC

October 2019 - November 2022

- Ensure brand and messaging consistency across the company by reviewing, editing and formatting various internal communication materials.
- Manage and maintain the website content on a weekly basis, using SEO techniques to significantly increase website traffic.
- Oversee all the company's social media accounts using a comprehensive social media calendar.
- Develop and write a wide range of communications materials including blog posts, articles, press releases, and media advisories.
- Serve as primary liaison and communications support for company partnerships, participate in planning meetings, and develop communications strategy and materials to support the accomplishment of their objectives.
- Assist with developing, integrating, and implementing comprehensive marketing, communications and measurable actions that enhance the organization's vital mission.
- Plan, execute and report on analyses of client journeys through client survey data.

Communications Specialist

Social Media Coordinator

Parasol Projects
New York City, NY

Jan 2018- August 2019

- Managed projects and served as the primary liaison between clients and internal groups to ensure clarity of goals and adherence to deadlines.
- Managed the day-to-day publishing across social media channels including Twitter, LinkedIn, Facebook, Instagram, WordPress blog, and Google+.
- Developed a social media calendar that included daily posts, advertising and promotions across social media platforms.
- Drove success for all digital marketing efforts through SEO, SEM campaigns, content marketing, analytics and social media monitoring.
- Utilized extensive knowledge of social media advertising to create ad budget and placements to increase sales.
- Defined social KPIs and provide monthly reporting on social media performance across channels.

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Marketing Associate

Convicts Media
New York City, New York

February 2017- January 2018

- Created a personalized and targeted email campaign, resulting in 35% increase in click-through rates.
- Produced in-depth research reports of current marketing trends.
- Implemented new digital marketing strategies and successfully improved search engine optimization.
- Managed, proofread, and performed edits on all new content.
- Worked to establish a more cohesive brand that clearly emanates the mission of the company.
- Developed and fostered relationships with existing and prospective clients.

Key Skills

Marketing Analytics
Social Media Management
Google Analytics / Google AdWords
Copywriting
Salesforce
HigherLogic
Adobe Creative Suite
Asana
Media Relations
Strategic Messaging
Analytical Thinking
Paid Social Media
WordPress
Problem - Solving
Market Research
Campaign Development
Brand Identity
SEO

Academic Background

Howard University	**Bachelor of Art, Communication and Design Studies** **December 2015**
Digital Marketing Institute	**Certificate of Digital Marketing**

References

Ex. 6 Personal Privacy (PP)
Interim Director Women's Business Center, National Community Reinvestment Coaltion
Phone: Ex. 6 - Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)
Co-Founder, Heal Haus
Phone: Ex. 6 - Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) Baltimore MD, 21211 • Ex. 6 - Personal Privacy (PP) • Ex. 6 - Personal Privacy (PP)

EDUCATION

MPH, Applied Environmental Health Science — *August 2018*
University of Maryland, College Park

B.S., Environmental Science and Policy – Society and Environmental Issues — *December 2014*
University of Maryland, College Park

WORK EXPERIENCE

Quality Data Analyst — Millersville, MD
The Coordinating Center — *June 2020 - Present*

- Lead quality improvement and data evaluation activities across all population health programs, monitored results, and provided recommendations for enhancement
- Produced Quality Evaluation to analyze performance through compliance measurement, trend analysis, and qualitative reporting
- Supervised team in +4,000 client satisfaction survey and analyzed results with SAS 9.4
- Developed efficient work methods to oversee data management and expanded knowledge of programs to create customized internal reports and enhance performance
- Expanded the collection, reporting and analysis of standardized data for health equity purposes
- Identified areas for improvement and provided education, training and reinforcement in support of quality advancement throughout the organization
- Designed innovative reports and infographics using Microsoft Programs to effectively translate complex data for internal and external reporting

Program Associate — Baltimore, MD
Mosaic Group — *July 2019 - March 2020*

- Managed a large-scale repository of behavioral health data, implemented procedures to improve data collection, and submitted timely and accurate reports to the Maryland Department of Health
- Monitored quality of behavioral health data and implemented procedures to improve data collection
- Prepared monthly progress reports of data quality trends, patterns, and opportunities for improvement
- Utilized a data driven process to construct an analysis of the key health and social determinants of health issues impacting rural areas
- Conducted a qualitative and quantitative analysis for a community health needs assessment and identified trends, patterns and opportunities for improvement in population health
- Developed interactive data visualizations using Tableau, ArcGIS and Excel for community and behavioral health topics
- Composed literature reviews using high-quality resources

Research Analyst — Baltimore, MD
University of Maryland, Baltimore — *July 2018 – July 2019*

- Supported state and federal child welfare reports using statistical applications
- Modernized a monthly Child Welfare Report and designed an executive summary to brief stakeholders on trends
- Reviewed the validity and accuracy of data to ensure compliance with quality control
- Surveyed transitional youth, coded responses, and analyzed differences between cohorts
- Trained staff to utilize data-driven insights to assist with program delivery

Research Intern — Hyattsville, MD
Optimal Solutions Group, LLC. — *Winter 2018*

- Collaborated with team members to survey mental health organizations and code responses
- Created new variables to include in a geo-mapping tool for mental health providers
- Performed quality control of National Assessment of Educational Progress (NAEP) data
- Conducted literature searches and contributed to written reports and proposals

Food Policy Intern — Baltimore, MD
Baltimore Food Policy Initiative — *Summer 2017*

- Examined request for proposals for the Eating Together program to identify methods of good food procurement
- Interviewed leadership at senior congregate sites to identify best practices
- Formulated a financial analysis on the Eating Together program and provided managerial recommendations

- Developed materials for a citywide Food Environment Tour to underscore organizations advancing food security
- Attended Food PAC meetings and took effective notes for speakers

Research Intern — Baltimore, MD
Maryland Department of Health — *Spring 2016*
- Authored a fact sheet with infographics, identifying how existing public policies can serve as a preventative measure for child abuse and neglect
- Produced a standard operating procedure for the Environment Health Bureau (EHB)
- Updated EHB's radon and carbon monoxide web pages to educate and offer accessible methods of prevention
- Finalized three letters of information describing the EHB's position on proposed bills
- Amended the Asthma Friendly Child-Care program to include legislative updates

Case Analyst — Baltimore, MD
CONNOR Environmental Services — *2015 – 2017*
- Summarized expert depositions and prepared a case analysis for pending lead-based paint litigation
- Updated case progress indices with analysis information and frequently reviewed index to prioritize case assignments
- Observed lead paint inspections to accurately report building components, property layout and any pertinent information
- Researched lead-based paint and lead-based paint hazard issues, including federal, state and local regulations

PUBLICATIONS/ RESEARCH PROJECTS

Journal of Environmental Justice
- *Proximity of Urban Farms to Hazards With and Without Heavy Metal Contamination in Baltimore, Maryland* Redacted Redacted Redacted Environmental Justice 2021 14:1, 56-69

Landscape Journal
- *Proximity of Urban Farms to Contaminated Sites in Baltimore, Maryland.* Redacted Redacted Landscape Journal Manuscript # 082020-00016R2 Submitted on: 03 01-2021, Accepted and Publication Process on 03-06-2021

MPH Thesis
- **Shargo, I. H.** (2018). *Investigation of Environmental Hazards Near Urban Agricultural Sites and Food Handling Behaviors of Consumers* (Order No. 10840904). Available from ProQuest Dissertations & Theses Global. (2118083468). Retrieved from https://search.proquest.com/docview/2118083468?accountid=14696

Society of Toxicology Annual Poster Presentation
- *A Risk Assessment of Mercury Levels in Maryland Seafood Species and The Human Health Effects Associated with Their Consumption.* Redacted Redacted Redacted *School of Public Health, University of Maryland, College Park, Maryland, USA*

Standard Operating Procedure
- *Standard Operating Procedure for Environmental Emergency Response*. (April 2017). Redacted Redacted

PROFESSIONAL DEVELOPMENT

Volunteer — Towson, MD
Talmar Farm — *Summer 2021*
- Assisted the farm, twice a month, by building garden beds, weeding, planting and harvesting

Indicator Developer — College Park, MD
U.S Global Change Research Program — *Winter 2013*
- Expanded the *Heat Mortality and Morbidity* indicator to include males and elderly for increased susceptibility

SKILLS

- ArcGIS/QGIS
- Tableau
- SAS 9.3
- Qualtrics

- Microsoft Programs
- Prioritization of tasks to meet shifting deadlines
- Ability to work independently and collaboratively
- Ability to present information concisely and effectively, both verbally and in writing
- Experience designing, implementing and evaluating research project
- Experience analyzing complex data and putting it into digestible reports and research briefs

LANGUAGES

- Russian – Intermediate

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Green City Force

Address: 630 Flushing Avenue, Mailbox #1

City: Brooklyn

State: NY: New York Zip Code: 11206

B. Unique Entity Identifier (UEI): T1VRXRY85GM5

C. Applicant/Recipient Point of Contact

Name: Florace Alleyne

Phone: Ex. 6 Personal Privacy (PP)

Email: florace@greencityforce.org

Title: Director of People Operations

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

None

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

Florace Alleyne, Director of People Operations, Ex. 6 Personal Privacy (PP)
florace@greencityforce.org, Ex. 6 Personal Privacy (PP)

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

Yes, we have this addressed in our employee handbook - Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Erika Lim	Executive Director	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Tonya | Middle Name:
Last Name: Gayle | Suffix:
Title: Executive Director

Complete Address:

Street1: 630 Flushing Avenue
Street2: Mailbox #1
City: Brooklyn | State: NY: New York
Zip / Postal Code: 11206 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: tonya@greencityforce.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Joseph | Middle Name:
Last Name: Riccardelli | Suffix:
Title: Director of Finance

Complete Address:

Street1: 630 Flushing Avenue
Street2: Mailbox #1
City: Brooklyn | State: NY: New York
Zip / Postal Code: 11206 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: joseph@greencityforce.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Erika | Middle Name:
Last Name: Lim | Suffix:
Title: Senior Development Manager

Complete Address:

Street1: 630 Flushing Avenue
Street2: Mailbox #1
City: Brooklyn | State: NY: New York
Zip / Postal Code: 11206 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: erikal@greencityforce.org

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** | **First Name:** Annel | **Middle Name:**

Last Name: Cabrera-Marus | **Suffix:**

Title: Chief Program Officer

Complete Address:

Street1: 630 Flushing Avenue

Street2: Mailbox #1

City: Brooklyn | **State:** NY: New York

Zip / Postal Code: 11355 | **Country:** USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**

E-mail Address: annel@greencityforce.org

EPA Form 5700-54 (Rev 4-02)

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Green City Force

Green City Force
630 Flushing Avenue, Mailbox #1
Brooklyn
NY: New York
11206

T1VRXRY85GM5
Florace Alleyne
EX. 6 - Personal Privacy (PP)
florace@greencityforce.org
Director of People Operations
N: No
None
None
None
N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Florace Alleyne, Director of People Operations, 630 Flushing Avenue, Mailbox #1, Brooklyn NY 11206, florace@greencityforce.org, EX. 6 - Personal Privacy (PP)
Yes, we have this addressed in our employee handbook -
Redacted
Erika Lim
Executive Director
2023-04-14

1.0
66.306
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500000.00

500000.00
500000.00

170550.00
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173457.00

1234-All Letter of Commitments.pdf
application/pdf
VPJ3AFIovZtoVmUhnHIo5uD8gac=

1235-EPA Logic Model - Green City Force.pdf
application/pdf
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1236-Milestone Schedule_23-26_EPA EJ - Green City Force.pdf
application/pdf

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1237-epa_form_6600_09_Green City Force.pdf
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1238-Green City Force_IRS Determination Letter.pdf
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1239-Green City Force_Audited Financials 2022.pdf
application/pdf
NZvtJkVhoBj9oiSFcwepwJqoZ6o=

1240-GCF Employee Handbook_April 2023.pdf
application/pdf
LeIPOrnOUZU8Sl2Jb+K/0+8YSAU=

1241-Key Contacts Resumes - Green City Force.pdf
application/pdf
RruEgDTjSAx89HWi8o6URDhEvoE=

Application
New
2023-04-14
Green City Force
Green City Force Inc.
80-0428040
T1VRXRY85GM5
630 Flushing Avenue
Mailbox #1
Brooklyn
Kings
NY: New York
11206-5768
USA: UNITED STATES

Tonya
Gayle

Executive Director
Ex. 6 Personal Privacy (PP)
tonya@greencityforce.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
GCF Eco-Hubs Building Climate Resiliency and Career Pathways in Urban Forestry and Green Infrastructure for Frontline New Yorkers
NYC

NYC
2023-10-01
2026-10-01
500000.00
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0.00
500000.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Tonya
Gayle

Executive Director
Ex. 6 Personal Privacy (PP)
tonya@greencityforce.org
Erika Lim
2023-04-14

Tonya
Gayle

Executive Director
630 Flushing Avenue
Mailbox #1
Brooklyn
NY: New York
11206
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
tonya@greencityforce.org

Joseph
Riccardelli

Director of Finance

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)
joseph@greencityforce.org

Erika
Lim

Senior Development Manager
630 Flushing Avenue

Mailbox #1
Brooklyn
NY: New York
11206
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
erikal@greencityforce.org

Annel
Cabrera-Marus

Chief Program Officer
630 Flushing Avenue
Mailbox #1
Brooklyn
NY: New York
11355
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
annel@greencityforce.org

1242-Final Project Narrative EPA EJ Collaborative Problem Solving Program (EJCPS)_2023.04.14.pdf
application/pdf
8mucPI04XlwSTsawp/QvWbto7Bs=

beZMh06LU+rqPfyUfVBtXAvBROg=
2023-04-14T12:06:36.000-04:00
Erika Lim
GRANT13861162

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier: Green City Force

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Green City Force Inc.

* b. Employer/Taxpayer Identification Number (EIN/TIN): 80-0428040

* c. UEI: T1VRXRY85GM5

d. Address:

* Street1: 630 Flushing Avenue
Street2: Mailbox #1
* City: Brooklyn
County/Parish: Kings
* State: NY: New York
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 11206-5768

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Tonya
Middle Name:
* Last Name: Gayle
Suffix:

Title: Executive Director

Organizational Affiliation:

* Telephone Number: Ex. 6 Personal Privacy (PP)
Fax Number:

* Email: tonya@greencityforce.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

GCF Eco-Hubs Building Climate Resiliency and Career Pathways in Urban Forestry and Green Infrastructure for Frontline New Yorkers

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: NYC

* b. Program/Project: NYC

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 10/01/2023

* b. End Date: 10/01/2026

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	500,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix:

* First Name: Tonya

Middle Name:

* Last Name: Gayle

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 Personal Privacy (PP)

Fax Number:

* Email: tonya@greencityforce.org

* Signature of Authorized Representative: Erika Lim

* Date Signed: 04/14/2023

NEW YORK CITY HOUSING AUTHORITY
23-02 49th AVENUE • LONG ISLAND CITY, NY 11101
TEL: Ex. 6 - Personal Privacy (PP) • http://nyc.gov/nycha

LISA BOVA-HIATT
INTERIM CHIEF EXECUTIVE OFFICER

April 12, 2023

United States Environmental Protection Agency
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Re: New York City Housing Authority's Letter of Commitment of Green City Force's Green Workforce Development Program for United States Department of Environmental Protection's Fiscal Year 2023 Environmental Justice Collaborative Problem Solving Program

To Whom it May Concern:

I am writing on behalf of the New York City Housing Authority (NYCHA) to express our commitment of support for the Green City Force (GCF)'s application for U.S. Environmental Protection Agency's Environmental Justice Collaborative Problem-Solving Program (EJCPS) program for their green workforce development program. NYCHA and GCF have a long-standing partnership of over a decade, working together to create economic opportunity for young adult residents and to develop initiatives and approaches to improve the environment for NYCHA residents across our developments. NYCHA previously supported GCF's application for the 2021 EJCPS funding cycle.

NYCHA is North America's largest public housing authority with over 500,000 low- and moderate-income New Yorkers living in NYCHA's 335 developments. GCF's Service Corps benefits NYCHA residents in unique ways: by creating a path to employment for 150 young residents annually aged 18-24, and by mobilizing these young adults to address critical needs related to climate resiliency and green infrastructure in our NYCHA communities as full-time AmeriCorps members.

To support the project and its partners for the three-year duration of this grant, NYCHA commits to the following roles and activities:

- Participating in regular meetings with GCF and other partners to identify the issues related to resident climate resiliency and green infrastructure stewardship in NYCHA developments
- Leverage GCF's existing agreements with NYCHA
- Help contact and involve relevant NYCHA staff across departments and property management
- Contribute expertise as needed, acting as a resource to the teams on the ground
- Work with GCF and partners to prioritize residents who are trained for related employment as opportunities are created

Green City Force is uplifting NYCHA's young residents with the resources, training, and access green jobs – a goal that NYCHA greatly supports. We look forward to partnering with Green City Force as well as New York City's Department of Environmental Protection and Trees NY.

In Service,

Vlada Kenniff, Senior Vice President of Sustainability, Asset & Capital Management Division of New York City Housing Authority

Trees New York
plant preserve protect

April 11, 2023

Mr. Jacob Burney EPA

Dear Mr. Burney,

This letter is to express the commitment of Trees New York as a partner to Green City Force (GCF) on their application to the EPA Environmental Justice Collaborative Problem-Solving Program (EJCPS).

Trees New York's mission is to plant, preserve and protect New York City's urban forest through education and community participation. Trees New York was founded in 1976 as a volunteer response to New York City's devastating cutbacks in forestry and tree-related community services. Trees New York has 46 years of experience in community tree planting, stewardship and education projects. The primary focus of Trees New York's activities is to work with NYC residents to improve their quality of life through tree-related endeavors. Trees New York's core programs include the Citizen Pruner Tree Care Course and Tree Stewardship, Youth Environmental Literacy, Young Urban Forester Summer Internship and Community Tree Plantings. Since its founding, Trees New York has trained over 12,500 Citizen Pruners and 8,000 youth in tree care and stewardship. In the last 10 years, Trees New York has planted over 5,000 trees completely transforming under-served neighborhoods that historically had a low-canopy cover and were burdened by the urban heat island affect along with air, water and noise pollution.

Trees New York in partnership with GCF will assist with the training of 150 frontline young New Yorkers in a cross-section of climate resiliency and green infrastructure training. These efforts will create a skilled workforce to fill the needed forthcoming jobs building NYC's green infrastructure. We will Provide 'train the trainer' capacity-building to GCF's team through our Citizen Pruner training and certification, during the initial planning and preparation phase. Through the planning process, determining with GCF what the priorities are for education and training of GCF's Corps Members and residents during each of the two cohorts that will occur during the grant period, and providing these trainings and/or workshops within the agreed-up budget. We have discussed different options with GCF, which build on the programs that we offer, described below. These options include: Training GCF Corps Members to be citizen pruners, Training NYCHA residents at the sites to be citizen pruners, Providing educational workshops for kids or other targeted groups at the sites.

Leading activities that enable GCF members to gain valuable experience in aspects of tree care as part of their training and professional development.

Below, we describe our general program offerings in more detail. We offer three avenues for training: citizen pruners, tree care training and youth education and internships.

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Citizen Pruners: Stewardship and pruning hugely reduce a tree's vulnerability to common urban threats such as pedestrian and vehicular traffic, drought and storms. In New York City, where there is limited funding for tree maintenance but significant need, Citizen Pruners provide a great asset to our urban environment.

The 12-hour Citizen Pruner Course consists of 5 sessions – 4 in the classroom and 1 field outing.

8 hours in the classroom – Students meet for four 2-hour classroom sessions. The comprehensive curriculum includes tree biology, street tree identification, common tree problems and solutions, tree stewardship and pruning.

4 hours in the field – The field outing is designed to provide students with the opportunity to practice pruning with their peers under the tutelage of their teacher.

Upon successful completion of the final exam, students receive a license from Trees New York and NYC Parks to legally prune NYC street trees. Trees New York is the only institution designated to train and license Citizen Pruners in New York City. On average our Citizen Pruners and volunteers help us care for more than 2,500 street trees per year.

Increasing the number of Citizen Pruners that either live or work at NYCHA, guarantees a healthier and safer urban forest and creates a pool of volunteers who are educated, trained and committed to supporting the health of their urban environment. The NYCHA Citizen Pruners will help us remove dead and damaged limbs, and limbs obstructing signs, pedestrian and vehicular traffic. Trees New York will provide ongoing support to optimize volunteers' stewardship efforts. After participating in our workshops, NYHCA volunteers are informed, empowered and engaged and continue to advocate to improve their urban environment. The participants often become community leaders and advocate for increased tree plantings in their neighborhoods, In addition to their stewardship and pruning skills, they learn how to create NYC Parks Service requests which allows them to report empty tree beds, request new street trees and report hazards trees.

Tree Stewardship Training: Trees New York's "learning-while-doing" approach provides our volunteers with the awareness, knowledge and skills needed to ensure that our street trees survive and thrive. Trees New York's Tree Stewardship Training is designed to train and mobilize New Yorkers so that they can play an active role in supporting the health of our urban forest. Trees New York's Environmental Educators teach lessons on the value of a healthy urban forest and the importance of volunteer efforts. Following each lesson, volunteers steward street trees. Trees New York's Environmental Educators work alongside volunteers to guide their stewardship efforts and answer questions. Trees New York works with both youth and adult volunteers and works throughout the five boroughs of New York City.

In addition, we train volunteers to care for trees through activities such as: 1) *Tree bed clean up and soil cultivation* – In addition to being unsightly, compacted soil and litter block the movement of oxygen, water and nutrients to tree roots. Volunteers remove litter and weeds from tree beds and loosen up the surface soil with hand cultivators. 2) *Watering Trees* – New York City street trees live in permanent drought conditions. All trees, especially newly planted trees, need thorough and deep watering during the spring and summer. Volunteers water trees using buckets and hoses. 3) *Mulching* – Mulch conserves water, moderates soil temperatures, improves soil structure and mitigates damage from dogs, people, de-icing salts and cleaning agents. Volunteers mulch trees with mulch or woodchips. 4) *Tree Bed Gardening* – Flowers beautify the streetscape, add enriching organic matter to the soil and help deter people from walking on tree beds.

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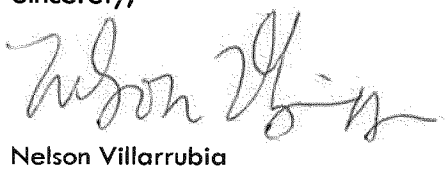
Youth Programs: The objective of Trees New York's Youth Environmental Literacy Programs is to raise students' awareness of environmental issues while advancing their reading, language and investigative skills. Students are empowered to become advocates for and stewards of the urban environment through service-learning projects that improve their communities. We also operate a Young Forester Internship Program. The objective of the internship is to expose interns to a range of environmental career opportunities through education, hands-on stewardship, field trips and seminars with professionals. Work-based learning in which students learn technical, academic and employability skills ore critical for better employment outcomes of young and inexperienced workers.

We look forward to working with Green City Force and partners should this project be funded.

Sincerely,



Nelson Villarrubia
Executive Director

Trees New York
100 Gold Street, Suite 3100
New York, New York 10038
www.treesny.org

ED_016126_00000895-00004

NYC Environmental Protection

Rohit T. Aggarwala
Commissioner

Angela Licata
Deputy Commissioner
Sustainability

59-17 Junction Blvd.
Flushing, NY 11373

Tel. Ex. 6 - Personal Privacy (PP)
alicata@dep.nyc.gov

April 12, 2023

United States Environmental Protection Agency
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

To Whom it May Concern:

NYCDEP wishes to express support for Green City Force (GCF) on its application to EPA's Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program.

GCF oversees programs designed to uplift youth and young adults living in New York City, helping them develop professional, marketable skills and prepare them for careers in the green service industry. As the lead agency for the NYC Green Infrastructure Program (GI Program), DEP supports the work of organizations like GCF that focus on developing and advancing GI career training.

To date, DEP and partner agencies have constructed over 11,000 GI assets, including rain gardens, porous pavements, subsurface storage systems and green roofs. These assets are managing over 2,000 greened acres, helping to manage stormwater at the source and providing additional benefits such as improved air quality, reduced urban heat island effect, improved aesthetics and more. With thousands more GI assets on the way through public implementation and with promulgation of the Unified Stormwater Rule in 2022, which requires green infrastructure as part of most redevelopment in NYC, the need for a skilled GI workforce has never been greater. Green service training programs like those offered by GCF can help build the workforce necessary to maintain this distributed infrastructure.

GCF is uniquely positioned to align its existing educational framework more closely with the city's green stormwater infrastructure initiatives. With the help of the EJCPS grant, GCF would have the opportunity to upskill its program offerings to better meet the qualifications necessary for those entering the GI and sustainable stormwater management workforce in the city.

We believe that providing opportunities to strengthen the city's green service workforce is essential for the future of GI in NYC. We welcome the resources GCF could offer in helping to achieve the city's goals.

Sincerely,

MEnoch

Melissa Enoch
Managing Director
NYC Environmental Protection, BEPA
(o) Ex. 6 - Personal Privacy (PP) | menoch@dep.nyc.gov | www.nyc.gov/dep

United States Department of Agriculture | **Forest Service** | **New York City Urban Field Station Fort Totten** | **Mailing address: 290 Broadway, 26th Floor New York, NY 10007**

April 13, 2023

Mr. Jacob Burney
US EPA Headquarters
William Jefferson Clinton Building
1200 Pennsylvania Avenue, N. W.
Mail Code: 2202A
Washington, DC 2046

Re: 2023 Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program

Dear Mr. Burney,

This letter is to express the commitment of the USDA Forest Service scientists Erika Svendsen, Lindsay Campbell, Michelle Johnson, and Rich Hallett to Green City Force (GCF) on their application to the 2023 EPA Environmental Justice Collaborative Problem-Solving Program (EJCPS). As Forest Service scientists based in New York City, we have a mission to work in partnership with local communities to improve quality of life in urban areas by conducting and supporting research about social-ecological systems and natural resource management. NYCHA campuses are important elements of our urban forest as they include 2,600 acres of open space and are home to approximately 500,000 city residents, including young children and seniors. And GCF is emblematic of the type of trusted program critical to growing a 'green workforce' of young community leaders at the forefront of climate resilience.

We are pleased to build upon our prior collaborations with GCF through this collaborative effort. Previously, we worked with GCF on a redesigned community garden and landscape at NYCHA's Beach 41st Street Houses in Rockaway, NY – a barrier peninsula that was heavily flooded and disrupted during Hurricane Sandy. The landscape and stewardship program were designed to foster social-ecological resilience in the face of climate change and social vulnerability, and lessons learned were shared via national convenings, an edited volume, journal articles, and multi-media outputs. We also worked with GCF as an implementation partner in one of our signature social science research efforts, the Stewardship Mapping and Assessment Project in New York City. We worked with Corps Members to conduct follow-up calls with civic groups to increase their participation in the citywide stewardship survey and to ensure quality control of results provided. Results have been shared in numerous formats including journal articles, book chapters, and technical reports.

Finally and most recently, GCF alumni were critical to the NYCHA tree inventory project that engaged 18 NYCHA campuses citywide. These alumni were trained by Forest Service scientists in state-of-the-art tree inventory, tree health, and social assessment methods and carried out a comprehensive biophysical and social assessment of several NYCHA campuses' urban forests. This data was used to create an important initial report on the state of the urban forest at these sites and to inform future proposals and plans to enhance the sustainability of NYCHA landscapes going forward. In addition to the crucial capacity provided by GCF to implement the inventory, alumni also reported that they experienced learning, exploration, and developed new skills through this work. We see immense opportunity to continue to expand these sorts of community forestry-focused training and employment programs as part of green career ladders.

Our partnership with GCF and NYCHA in this capacity was key to supporting applied research on inventorying the urban tree canopy, fostering resident-based stewardship of grounds and trees, and developing green job skills. NYCHA landscapes and numerous canopy trees are critical biophysical resources that require protection and care in order to maximize ecosystem benefits, such as mitigating the urban heat island effect and improving air quality. GCF is critical to this work as they focus their member recruitment and activities within environmental justice communities and provide access to green jobs, skills-based environmental training, and opportunities for meaningful engagement in environmental stewardship. Research has shown that this type of community-based collaboration and stewardship is both a proven mechanism to foster social cohesion and trust, as well as an onramp to other forms of civic engagement.

Our interest in taking part in this proposal, *GCF Eco-Hubs Building Climate Resiliency and Career Pathways in Urban Forestry and Green Infrastructure for Frontline New Yorkers,* stems from our interest in supporting the creation of an urban forest stewardship plan for NYCHA's community forest that cultivates a green workforce, engages residents, climate and conservation groups, and supports the work of NYCHA maintenance and operation (M&O) staff. This grant would be a welcome opportunity to strengthen the work with GCF as the convener of collaborative problem-solving with stakeholder partners to increase awareness, education, job opportunities and ultimately stewardship of NYCHA's urban forest community. We are committed to:

- Participating in regular meetings with GCF and other partners to share our social and biophysical research expertise, as well as our specific learnings related to tree stewardship issues and workforce issues.
- Working with the team to contribute to the success of EPA's collaborative problem-solving model and effort. Our contribution can include helping the team on consistent methods for research and tracking the progress of this community-led urban forest stewardship effort.
- Contributing expertise as needed, acting as a resource to the GCF teams and residents.
- Serving as speakers during professional development sessions to share job and career paths within the field of urban forestry and the larger US Forest Service.

We look forward to partnering with the EPA, Green City Force, and the other stakeholder partners on this important project to increase the health of residents and trees alike in our city, by working with GCF's unique workforce professionals and talented young adult leaders.

Sincerely,

/s/ electronically by:

Erika S. Svendsen, Team Leader and Research Social Scientist erika.svendsen@usda.gov
Lindsay K. Campbell, Research Social Scientist lindsay.campbell@usda.gov
Rich Hallett, Research Ecologist richard.hallett@usda.gov
Michelle Johnson, Research Ecologist michelle.l.johnson@usda.gov
USDA Forest Service, Northern Research Station, NYC Urban Field Station

The Nature Conservancy

New York Office
322 8th Avenue
14th Floor
New York, NY 10001

Tel Ex. 6 - Personal Privacy (PP)
Fax Ex. 6 - Personal Privacy (PP)

nature.org/ny

April 12, 2023

To Whom it May Concern:

This letter is to express the commitment of The Nature Conservancy's Cities Program in New York as partner to Green City Force (GCF) on their application to the EPA Environmental Justice Collaborative Problem-Solving Program (EJCPS). Our Future Forest NYC initiative advances a clear, coordinated vision and uplifts champions for the NYC urban forest. Green City Force, alongside its partners, is strategically positioned to develop and implement solutions that significantly address environmental and public health issues in communities disproportionately burdened by environmental harms.

New York City Housing Authority (NYCHA) campuses include 2,600 acres of open space and are home to approximately 500,000 city residents, including young children and seniors. We have previously partnered with GCF and NYCHA to support applied research on inventorying their urban tree canopy, fostering resident-based stewardship of grounds and trees, and developing green jobs skills. NYCHA accounts for just over one percent of land in New York City, but for over 2 percent of tree canopy in the city. NYCHA provides some of the scant open space and canopy in some of the most heat vulnerable communities in NYC and has the potential to host more canopy and higher quality green space. Therefore, it plays an outsized role in both current and potential tree canopy in the most heat vulnerable communities.

We would be pleased to build upon our prior collaborations with GCF through this collaborative effort. Recently, GCF alumni were critical the NYCHA tree inventory project completed last year at 18 NYCHA campuses citywide. These alumni were trained in tree inventory, tree health, and social assessment methods and carried out a comprehensive biophysical and social assessment of several NYCHA campuses' urban forests. These data were used to create a comprehensive report on the state of the urban forest at these sites and to inform future proposals and plans to enhance the sustainability of NYCHA landscapes going forward.

Green City Force is also an important partner and member of Forest for All NYC. The Nature Conservancy convenes and is a leading member of Forest for All NYC, a diverse coalition that includes environmental, justice, conservation, non-profit, business and government leaders and organizations committed to creating a healthy, biodiverse, accessible and resilient urban forest that delivers benefits to all New Yorkers justly and equitably. To achieve this vision, the coalition is advancing the ambitious *NYC Urban Forest Agenda* that includes actionable and comprehensive recommendations for how to improve and enhance New York City's urban forest through planning, stewardship and policy; local action by the public; and increased investments in trees across public and private lands. Green City Force is a tremendously important ally in this work, providing expertise on workforce development, and helping scope a potential urban forest master plan for the city.

As a partner, we are committed to:

- Provide technical assistance as needed to interpret and understand tree canopy data relative to NYCHA campuses
- Contribute expertise as needed, acting as a resource to the GCF teams and residents on the ground
- Work with the team to contribute to the success of the collaborative problem-solving effort
- Serve as speakers during professional development sessions to model career paths and share information about potential USDA Forest Service recruitment and career pathways.
- Create opportunities for the project team to share and communicate their work to Forest for All NYC Coalition Members

We look forward to partnering with the EPA, Green City Force, NYCHA, and the other stakeholder partners on this important project to increase the health of residents and trees alike.

Sincerely,

Emily Nobel Maxwell

Emily Nobel Maxwell
Director, Cities Program

fund for public housing

April 12, 2023

United States Environmental Protection Agency
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

To Whom it May Concern:

On behalf of the Fund for Public Housing, I would like to express our support for Green City Force' (GCF) application to the U.S. Environmental Protection Agency's Environmental Justice Collaborative Problem-Solving Program (EJCPS) program for their green workforce development program. The mission of the Fund and GCF are well aligned as both of our organizations support residents of public housing in New York City by creating economic opportunity for young adult residents and by working with residents to bring improvements to open spaces in New York City Housing Authority (NYCHA) communities.

With support from the EJCPS program, GCF is planning to partner with New York City's Department of Environmental Protection, NYCHA, and Trees NY to train 150 frontline New Yorkers in a cross section of climate resiliency and green infrastructure training. This program will mobilize young adults to address critical needs related to climate resiliency and green infrastructure in NYCHA communities, filling a critical need in our city's most vulnerable neighborhoods. The Fund for Public Housing fully supports GCF's proposal and ready to support implementation of the program through outreach to public housing communities, by identifying candidates to participate in the program, and support efforts to sustain the program after the grant period.

We look forward to partnering with Green City Force as well as NYCHA and partners to bring this important program to public housing communities and ask the United States Environmental Protection Agency to support this grant request.

Sincerely,

Alex Zablocki
Executive Director

90 Church Street, 10th Floor | New York, NY 10007 | fundforpublichousing.org | info@fundforpublichousing.org

PHIL MURPHY
GOVERNOR

SHEILA OLIVER
LT. GOVERNOR

State of New Jersey
BOARD OF PUBLIC UTILITIES
44 South Clinton Avenue
Post Office Box 350
Trenton, New Jersey 08625-0350
www.nj.gov/bpu/
Ex. 6 - Personal Privacy (PP)

Joseph L. Fiordaliso
President

Mary-Anna Holden
Commissioner

Dianne Solomon
Commissioner

Dr. Zenon Christodoulou
Commissioner

April 10, 2023

Jacob Burney
Division Director, Grants Management Division
Office of Environmental Justice and External Civil Rights
United States Environmental Protection Agency
1200 Pennsylvania Avenue, NW (Mail Code: 2202A)
Washington, DC 20460

Re: EPA Environmental Justice Collaborative Problem Solving Grant Letter of Commitment

Dear Mr. Burney:

The New Jersey Board of Public Utilities (NJBPU) supports the Green & Healthy Homes Initiative's (GHHI) grant proposal to the U.S. Environmental Protection Agency for $500,000 in Environmental Justice Collaborative Problem Solving Grant funding. GHHI's development of the national Green and Healthy Homes Initiative model is transforming the approach to housing interventions by comprehensively addressing multiple home-based health hazards that threaten the health of young children, families, and seniors while also reducing the energy consumption and costs that burden families and contribute to climate change. GHHI has a strong record of improving the health and stability of at-risk communities through interventions and education that reduce asthma triggers and lead hazards. GHHI has played a leading role in working to improve lead poisoning and asthma outcomes in Baltimore City and other jurisdictions. We are enthusiastic about partnering with GHHI as it continues to expand preventive intervention services and integrate energy efficiency measures in Trenton that deliver comprehensive Green and Healthy Homes interventions for low-income families and seniors to address historic health disparities and mitigate climate impacts.

With EPA funding, GHHI will provide training and direct technical assistance in working with local community-based organizations, government agencies, and other stakeholders in EPA Region 2 to build local capacity and help scale preventive healthy homes services for environmental assessments, resident education, and housing interventions. Increased services locally will improve the health of low-income families and seniors by reducing asthma triggers and lead hazards, as well as conducting important weatherization and energy efficiency interventions to improve occupant health and reduce energy consumption and carbon emissions for vulnerable families. GHHI will provide local multi-day Boot Camp trainings for community organizations and government agencies on how to implement the comprehensive Green and Healthy Homes intervention model and will help facilitate new cross-sector partnerships and collaboratives in the health, housing, and energy sectors in Trenton and across the state of New Jersey.

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The NJBPU commits to participate in this collaborative by partnering on the grant and providing support to build increased capacity in Trenton and the state that will help create additional lead and healthy homes resources that address the social determinants of health in our communities and help reduce client deferral rates for families applying for energy efficiency interventions. NJBPU will also help to convene stakeholders from the energy sector and other community partners to participate in the grant trainings and capacity building technical assistance. NJBPU is currently working with GHHI and local community partners to complete a Whole House Pilot Program in 100 low-income homes in Trenton where lead hazard reduction and energy efficiency interventions are integrated through a partnership with energy, housing, and health sectors.

By directly building greater local capacity in community-based organizations and teaching stakeholders how to access innovative funding partnerships to scale needed services, low-income owners and residents will be able to access free prevention interventions to reduce lead hazards and asthma triggers and address energy loss in their families' homes. It is also critical that we support efforts to reduce carbon emissions by ensuring that low-income communities have equitable access to electrification and decarbonization resources that improve indoor air quality while reducing carbon emissions that impact climate change. **We ask you to fund this important** Environmental Justice Collaborative Problem Solving Grant **that will serve communities and stakeholders in New Jersey, New York, Puerto Rico, and the US Virgin Islands.**

Sincerely,

Stacy Ho Richardson

Stacy Ho Richardson
Deputy Director, Division of Clean Energy

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State of New Jersey
DEPARTMENT OF HEALTH
PO BOX 360
TRENTON, N.J. 08625-0360
www.nj.gov/health

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

JUDITH M. PERSICHILLI, RN, BSN, MA
Commissioner

April 14, 2023

Jacob Burney
Division Director, Grants Management Division
Office of Environmental Justice and External Civil Rights
United States Environmental Protection Agency
1200 Pennsylvania Avenue, NW (Mail Code:2202A)
Washington, DC 20460

Re: EPA Environmental Justice Collaborative Problem Solving Grant Letter of Commitment

Dear Mr. Burney:

The New Jersey Department of Health, Childhood Lead Program supports the Green & Healthy Homes Initiative's (GHHI) grant proposal to the U.S. Environmental Protection Agency for $500,000 in Environmental Justice Collaborative Problem Solving Grant funding. With EPA funding, GHHI will provide training and direct technical assistance in working with local community-based organizations, government agencies and other stakeholders in EPA Region 2 to build local capacity and help scale preventive healthy homes services for environmental assessments, resident education and housing interventions. Increased services locally will improve the health of low income families and seniors by reducing asthma triggers and lead hazards as well as conducting important weatherization and energy efficiency interventions to improve occupant health and reduce energy consumption and carbon emissions for vulnerable families in Newark, Trenton, and the State of New Jersey.

The New Jersey Department of Health, Childhood Lead Program commits to participate in this collaborative by providing a convenor role of various health stakeholders in New Jersey to help address the social determinants of health in our communities. The Childhood Lead Program will support and promote trainings and boot camps by GHHI with local CBOs and other agencies on how to develop cross sector partnerships, greater prevention services capacity and increased funding to reduce lead poisoning and asthma episodes. We ask you to fund this important Environmental Justice Collaborative Problem Solving Grant that will serve communities and stakeholders in New Jersey.

Sincerely,

Siobhan Pappas

Coordinator, Childhood Lead Program
Office Of Local Public Health
New Jersey Department of Health

NEWARK WATER COALITION

LETTER OF COMMITMENT

April 10, 2023
Jacob Burney
Division Director, Grants Management Division
Office of Environmental Justice and External Civil Rights
United States Environmental Protection Agency
1200 Pennsylvania Avenue, NW (Mail Code:2202A)
Washington, DC 20460
Re: EPA Environmental Justice Collaborative Problem Solving Grant Letter of Commitment

Dear Mr. Burney:
The Newark Water Coalition supports the Green & Healthy Homes Initiative's (GHHI) grant proposal to the U.S. Environmental Protection Agency for $500,000 in Environmental Justice Collaborative Problem Solving Grant funding. GHHI's development of the national Green and Healthy Homes Initiative model is transforming the approach to housing interventions by comprehensively addressing multiple home- based health hazards that threaten the health of young children, families and seniors while also reducing the energy consumption and costs that burden families and contribute to climate change. The Newark Water Coalition is committing to be a community-based partner and a community convenor of CBOs and other partners, as a subgrantee on the grant.

GHHI has a strong record of improving the health and stability of at risk communities through interventions and education that reduce asthma triggers and lead hazards. GHHI has played a leading role in working to improve lead poisoning and asthma outcomes in Baltimore City and other jurisdictions. We are enthused to partner with GHHI as it continues to expand preventive intervention services and integrate energy efficiency measures in Newark, New Jersey that deliver comprehensive Green and Healthy Homes interventions for low income families and seniors to address historic health disparities and mitigate climate impacts. With EPA funding, GHHI will provide training and direct technical assistance in working with local community-based organizations, government agencies and other stakeholders in EPA Region 2 to build local capacity and help scale preventive healthy homes services for environmental assessments, resident education and housing interventions. Increased services locally will improve the health of low income families and seniors by reducing: asthma triggers and lead hazards as well as conducting important weatherization and energy efficiency interventions to improve occupant health and reduce energy consumption and carbon emissions for vulnerable families. GHHI will provide local multi-day Boot Camp trainings for community organizations and government agencies on how to implement the comprehensive Green and Healthy Homes intervention model and will help facilitate new cross sector partnerships and collaboratives across the health, housing and energy sectors in Newark across the State of

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New Jersey.

The Newark Water Coalition commits to participate in this collaborative by partnering on the grant and providing a city to model best practices and ideas for training to be replicated across the state. The Newark Water Coalition in conjunction with GHHI will provide technical assistance, a local Boot Camp and other strategic support to help build funding and greater capacity for increased resident education and housing intervention services for low income homes for lead, asthma and energy efficiency. This is all done in efforts to help address the social determinants of health in our communities. By directly building greater local capacity in community-based organizations and teaching stakeholders how to access innovative funding partnerships to scale needed services, low income owners and residents will be able to access free prevention interventions to reduce lead hazards and asthma triggers and address energy loss in their family's homes. It is also critical that we support efforts to reduce carbon emissions by ensuring that low income communities have equitable access to electrification and decarbonization resources that improve indoor air quality while reducing carbon emissions that impact climate change.

We ask you to fund this important Environmental Justice Collaborative Problem Solving Grant that will serve communities and stakeholders in New Jersey, New York, Puerto Rico and the US Virgin Islands.

Sincerely,

Anthony Diaz



Executive

WWW.NEWARKWATERCOALITION.COM
311 CLINTON AVE SUITE 5E NEWARK NJ 07108

Ex. 6 Personal Privacy (PP)
373 SOUTH ORANGE AVE NEWARK NJ 07103

NEW JERSEY FUTURE
16 W. Lafayette Street
Trenton, NJ 08608
p: Ex. 6 - Personal Privacy (PP)
www.njfuture.org

April 12, 2023

Jacob Burney
Division Director, Grants Management Division
Office of Environmental Justice and External Civil Rights
United States Environmental Protection Agency
1200 Pennsylvania Avenue, NW (Mail Code:2202A)
Washington, DC 20460

Re: EPA Environmental Justice Collaborative Problem Solving Grant Letter of Commitment

Dear Mr. Burney:

New Jersey Future supports the Green & Healthy Homes Initiative's (GHHI) grant proposal to the U.S. Environmental Protection Agency for $500,000 in Environmental Justice Collaborative Problem Solving Grant funding to provide technical assistance across the region.. GHHI's national Green and Healthy Homes Initiative is comprehensively addressing multiple home-based health hazards that threaten the health of young children, families and seniors while also reducing the energy consumption and costs that burden families and contribute to climate change. GHHI's work helps to improve the health and stability of at-risk communities through interventions and education that reduce asthma triggers and lead hazards. We are enthused to partner with GHHI as it continues to expand preventive intervention services and integrate energy efficiency measures in New Jersey that deliver comprehensive Green and Healthy Homes interventions for low income families and seniors to address historic health disparities and mitigate climate impacts.

With EPA funding, GHHI will provide training and direct technical assistance in working with local community-based organizations, government agencies and other stakeholders in EPA Region 2 to build local capacity and help scale preventive healthy homes services for environmental assessments, resident education and housing interventions. Increased services locally will improve the health of low income families and seniors by reducing: asthma triggers and lead hazards as well as conducting important weatherization and energy efficiency interventions to improve occupant health and reduce energy consumption and carbon emissions for vulnerable families. GHHI will provide local multi-day Boot Camp trainings for community organizations and government agencies on how to implement the comprehensive Green and Healthy Homes intervention model and will help facilitate new cross sector partnerships and collaboratives across the health, housing and energy sectors across New Jersey, but most particularly in the Lead Free NJ partner locations.

New Jersey Future play the backbone role in support of Lead Free NJ and has considerable policy, advocacy, and organizing expertise. New Jersey Future commits to participate in this collaborative by partnering on the grant and working closely with the local partners and technical assistance providers to expand the reach and depth of assistance and to bring timely and impactful policy assistance, perspective and education to the process to help address the social determinants of health in our communities.

By working through our existing networks and building greater local capacity in community-based organizations and teaching stakeholders how to access innovative funding partnerships to scale needed services, low income owners and residents will be able to access free prevention interventions to reduce lead hazards and asthma triggers and address energy loss in their family's homes. It is also critical that we support efforts to reduce carbon emissions by ensuring that low income communities have equitable access to electrification and decarbonization resources that improve indoor air quality while reducing carbon emissions that impact climate change. We ask you to fund this important Environmental Justice Collaborative Problem Solving Grant that will serve communities and stakeholders in New Jersey, New York, Puerto Rico and the US Virgin Islands.

Sincerely,



Peter Kasabach, Executive Director

LEAD-FREE NJ

April 12, 2023

Jacob Burney
Division Director, Grants Management Division
Office of Environmental Justice and External Civil Rights
United States Environmental Protection Agency
1200 Pennsylvania Avenue, NW (Mail Code:2202A)
Washington, DC 20460

Re: EPA Environmental Justice Collaborative Problem Solving Grant Letter of Commitment

Dear Mr. Burney:

Lead-Free NJ supports the Green & Healthy Homes Initiative's (GHHI) grant proposal to the U.S. Environmental Protection Agency for $500,000 in Environmental Justice Collaborative Problem Solving Grant funding to provide technical assistance across EPA Region 2: New Jersey, New York, Puerto Rico, the U.S. Virgin Islands and eight Indian Nations. Nationally, GHHI is comprehensively addressing multiple home-based health hazards that threaten the health of young children, families and seniors while also reducing the energy consumption and costs that burden families and contribute to climate change. GHHI's work helps to improve the health and stability of at-risk communities through interventions and education that reduce asthma triggers and lead hazards. We are enthused to partner with GHHI as it continues to expand preventive intervention services and integrate energy efficiency measures in New Jersey that deliver comprehensive Green and Healthy Homes interventions for low income families and seniors to address historic health disparities and mitigate climate impacts.

With EPA funding, GHHI will provide training and direct technical assistance in working with local community-based organizations, government agencies and other stakeholders in **EPA Region 2** to build local capacity and help scale preventive healthy homes services for environmental assessments, resident education and housing interventions. Increased services locally will improve the health of low-income families and seniors by reducing: asthma triggers and lead hazards as well as conducting important weatherization and energy efficiency interventions to improve occupant health and reduce energy consumption and carbon emissions for vulnerable families. GHHI will provide local multi-day Boot Camp training for community organizations and government agencies on how to implement the comprehensive Green and Healthy Homes intervention model and will help facilitate new cross sector partnerships and collaboratives across the health, housing and energy sectors across New Jersey.

16 W. Lafayette St.
Ex. 6 - Personal Privacy (PP)
Website: leadfreenj.org
Email: info@leadfreenj.org

LEAD-FREE NJ

Lead-Free NJ is an inclusive and equitable collaborative focused on removing lead from New Jersey's environment. Lead-Free NJ involves Community Hubs to advance local solutions. Hubs are existing local grassroots organizations that help define the collaborative's yearly objectives, advance long-term goals, and spearhead advocacy projects in their community. GHHI's technical assistance work supports the Lead-Free NJ collaborative by providing backbone staff support to our Housing Policy Table. Additionally, GHHI provides outreach and education on lead hazards and lead poisoning prevention by joining Lead-Free NJ at community events throughout New Jersey.

Lead-Free NJ commits to ensuring its collaborative spaces offer opportunities for GHHI to provide technical assistance and learning from diverse parties.

By working through our existing networks and building greater local capacity in community-based organizations and teaching stakeholders how to access innovative funding partnerships to scale needed services, low-income owners and residents will be able to access free prevention interventions to reduce lead hazards and asthma triggers and address energy loss in their family's homes. We ask you to fund this important Environmental Justice Collaborative Problem Solving Grant that will serve communities and stakeholders in New Jersey, New York, Puerto Rico and the US Virgin Islands.

Sincerely,

Kelvin Boddy

Kelvin Boddy (Apr 14, 2023 16:45 EDT)

Kelvin Boddy, Co-Chair, Lead-Free NJ Advocacy Committee

Deborah A Mans

Debbie Mans, Co-Chair, Lead-Free NJ Steering Committee

16 W. Lafayette St.

Ex. 6 - Personal Privacy (PP)

Website: leadfreenj.org

Email: info@leadfreenj.org

The Fund for New Jersey

April 10, 2023

Jacob Burney
Division Director, Grants Management Division
Office of Environmental Justice and External Civil Rights
United States Environmental Protection Agency
1200 Pennsylvania Avenue, NW (Mail Code:2202A)
Washington, DC 20460

Re: EPA Environmental Justice Collaborative Problem Solving Grant Letter of Commitment

Dear Mr. Burney:

The Fund for New Jersey supports the Green & Healthy Homes Initiative's (GHHI) grant proposal to the U.S. Environmental Protection Agency for $500,000 in Environmental Justice Collaborative Problem Solving Grant funding. GHHI's development of the national Green and Healthy Homes Initiative model is transforming the approach to housing interventions by comprehensively addressing multiple home-based health hazards that threaten the health of young children, families and seniors while also reducing the energy consumption and costs that burden families and contribute to climate change. GHHI has a strong record of improving the health and stability of at risk communities through interventions and education that reduce asthma triggers and lead hazards. GHHI has played a leading role in working to improve lead poisoning and asthma outcomes in Baltimore City and other jurisdictions. We are enthused to partner with GHHI as it helps to expand preventive intervention services and integrate energy efficiency measures in New Jersey that deliver comprehensive Green and Healthy Homes interventions for low income families and seniors to address historic health disparities and mitigate climate impacts.

With EPA funding, GHHI will provide training and direct technical assistance in working with local community-based organizations, government agencies and other stakeholders in EPA Region 2 to build local capacity and help scale preventive healthy homes services for environmental assessments, resident education and housing interventions. Increased services locally will improve the health of low income families and seniors by reducing: asthma triggers and lead hazards as well as conducting important weatherization and energy efficiency interventions to improve occupant health and reduce energy consumption and carbon emissions for vulnerable families. GHHI will provide local multi-day Boot Camp trainings for community organizations and government agencies on how to implement the comprehensive Green and Healthy Homes intervention model and will help facilitate new cross sector partnerships and collaboratives across the health, housing and energy sectors in Newark, Trenton and the State of New Jersey.

The Fund for New Jersey commits to participate in this collaborative by supporting the work of GHHI to convene a virtual philanthropic roundtable with community-based organizations in New Jersey to build knowledge of the work of both sectors to support communities to scale the stock of affordable and healthy housing and to introduce the CBOs to philanthropic leaders across the state. Where applicable, The Fund will refer organizations for capacity building, trainings, and boot camps as part of the overarching statewide lead-elimination, healthy housing and equity strategy. The Fund has been working with GHHI for over five years on lead poisoning prevention initiatives statewide in New Jersey.

By directly building greater local capacity in community-based organizations and teaching stakeholders how to access innovative funding partnerships to scale needed services, low income owners and residents will be able to access free prevention interventions to reduce lead hazards and asthma triggers and address energy loss in their family's homes. It is also critical that we support efforts to reduce carbon emissions by ensuring that low income communities have equitable access to electrification and decarbonization resources that improve indoor air quality while reducing carbon emissions that impact climate change. We ask you to fund this important Environmental Justice Collaborative Problem Solving Grant that will serve communities and stakeholders in New Jersey, New York, Puerto Rico and the US Virgin Islands.

Sincerely,

Kiki Jamieson
President

GOBIERNO DE PUERTO RICO

DEPARTAMENTO DE SALUD

Secretaría Auxiliar para Salud Ambiental, Laboratorio de Salud Pública Y Sistema de Vigilancia de Niveles de Plomo en Sangre

April 10, 2023

Jacob Burney
Division Director, Grants Management Division
Office of Environmental Justice and External Civil Rights
United States Environmental Protection Agency
1200 Pennsylvania Avenue, NW (Mail Code:2202A)
Washington, DC 20460

Re: EPA Environmental Justice Collaborative Problem Solving Grant Letter of Commitment

Dear Mr. Burney:

The Puerto Rico Department of Health supports the Green & Healthy Homes Initiative's (GHHI) grant proposal to the U.S. Environmental Protection Agency for $500,000 in Environmental Justice Collaborative Problem Solving Grant funding. GHHI's development of the national Green and Healthy Homes Initiative model is transforming the approach to housing interventions by comprehensively addressing multiple home-based health hazards that threaten the health of young children, families and seniors while also reducing the energy consumption and costs that burden families and contribute to climate change. GHHI has a strong record of improving the health and stability of at-risk communities through interventions and education that reduce asthma triggers and lead hazards. GHHI has played a leading role in working to improve lead poisoning and asthma outcomes in Baltimore City and other jurisdictions. We are enthused to partner with GHHI as it helps to expand preventive intervention services and integrate energy efficiency measures in Puerto Rico that deliver comprehensive Green and Healthy Homes interventions for low-income families and seniors to address historic health disparities and mitigate climate impacts.

With EPA funding, GHHI will provide training and direct technical assistance in working with local community-based organizations, government agencies and other stakeholders in EPA Region 2 to build local capacity and help scale preventive healthy homes services for environmental assessments, resident education, and housing interventions.

Increased services locally will improve the health of low-income families and seniors by reducing asthma triggers and lead hazards as well as conducting important weatherization and energy efficiency interventions to improve occupant health and reduce energy consumption and carbon emissions for vulnerable families. GHHI will provide local multi-day Boot Camp trainings for community organizations and government agencies on how to implement the comprehensive Green and Healthy Homes intervention model and will help facilitate new cross sector partnerships and collaboratives across the health, housing, and energy sectors in San Juan and across Puerto Rico.

The Puerto Rico Department of Health commits to participate in this collaborative by partnering with GHHI on the grant and providing a convenor role of various health and housing stakeholders in Puerto Rico to help address the social determinants of health in our communities. The Health Department will support and promote trainings, technical assistance, and Boot Camps by GHHI with local CBOs and other agencies on

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how to develop cross sector partnerships, greater prevention services capacity and increased funding to reduce lead poisoning and asthma episodes.

By directly building greater local capacity in community-based organizations and teaching stakeholders how to access innovative funding partnerships to scale needed services, low-income owners and residents will be able to access free prevention interventions to reduce lead hazards and asthma triggers and address energy loss in their family's homes. It is also critical that we support efforts to reduce carbon emissions by ensuring that low-income communities have equitable access to electrification and decarbonization resources that improve indoor air quality while reducing carbon emissions that impact climate change. We ask you to fund this important Environmental Justice Collaborative Problem Solving Grant that will serve communities and stakeholders in New Jersey, New York, Puerto Rico, and the US Virgin Islands.

Sincerely,

Mayra Toro-Tirado, MSA
Assistant Secretary
for Environmental Health and
Public Health Laboratory

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centro
PARA PUERTO RICO

SILA M. CALDERÓN

April 12, 2023

Mr. Jacob Burney
Division Director, Grants Management Division
Office of Environmental Justice and External Civil Rights
United States Environmental Protection Agency
1200 Pennsylvania Avenue, NW (Mail Code:2202A)
Washington, DC 20460

Re: EPA Environmental Justice Collaborative Problem Solving Grant Letter of Commitment

Dear Mr. Burney:

The Centro para Puerto Rico Sila M. Calderón, supports the Green & Healthy Homes Initiative (GHHI) grant proposal to the U.S. Environmental Protection Agency for $500,000 in Environmental Justice Collaborative Problem Solving Grant funding. GHHI's development of the national Green and Healthy Homes Initiative model is transforming the approach to housing interventions by comprehensively addressing multiple home-based health hazards that threaten the health of young children, families and seniors while also reducing the energy consumption and costs that burden families and contribute to climate change. GHHI has a strong record of improving the health and stability of at risk communities through interventions and education that reduce asthma triggers and lead hazards. GHHI has played a leading role in working to improve lead poisoning and asthma outcomes in Baltimore City and other jurisdictions. We are enthused to partner with GHHI as it continues to expand preventive intervention services and integrate energy efficiency measures in Puerto Rico that deliver comprehensive Green and Healthy Homes interventions for low income families and seniors to address historic health disparities and mitigate climate impacts.

With EPA funding, GHHI will provide training and direct technical assistance in working with local community-based organizations, government agencies and other stakeholders in EPA Region 2 to build local capacity and help scale preventive healthy homes services for environmental assessments, resident education and housing interventions. Increased services locally will improve the health of low income families and seniors by reducing: asthma triggers and lead hazards as well as conducting important weatherization and energy efficiency interventions to improve occupant health and reduce energy consumption and carbon emissions for vulnerable families. GHHI will provide local multi-day Boot Camp

CENTRO PARA PUERTO RICO
URB. SANTA RITA . 1012 CALLE GONZÁLEZ . SAN JUAN, PUERTO RICO 00925 . TEL. Ex. 6 - Personal Privacy (PP) FAX Ex. 6 - Personal Privacy (PP)

trainings for community organizations and government agencies on how to implement the comprehensive Green and Healthy Homes intervention model and will help facilitate new cross sector partnerships and collaborations across the health, housing and energy sectors in San Juan and across Puerto Rico.

The Centro para Puerto Rico Sila M. Calderón commits to participate in this collaborative by partnering on the grant and facilitating access to over 600 community leaders from special communities. We will serve as a catalyst for dialogue between GHHI and our government, non-profit, and private sector allies in the country, to help address the social determinants of health in our communities.

By directly building greater local capacity in community-based organizations and teaching stakeholders how to access innovative funding partnerships to scale needed services, low income owners and residents will be able to access free prevention interventions to reduce lead hazards and asthma triggers and address energy loss in their family's homes. It is also critical that we support efforts to reduce carbon emissions by ensuring that low income communities have equitable access to electrification and decarbonization resources that improve indoor air quality while reducing carbon emissions that impact climate change. **We ask you to fund this important** Environmental Justice Collaborative Problem Solving Grant **that will serve communities and stakeholders in New Jersey, New York, Puerto Rico and the US Virgin Islands.**

Sincerely,

Luis E. Gautier Lloveras
President
Center for Puerto Rico Sila M. Calderón

CENTRO PARA PUERTO RICO
URB. SANTA RITA . 1012 CALLE GONZÁLEZ . SAN JUAN, PUERTO RICO 00925 . TEL. Ex. 6 - Personal Privacy (PP) FAX Ex. 6 - Personal Privacy (PP)

affordable housing PARTNERSHIP of the capital region, inc.

April 14, 2023

Jacob Burney
Division Director, Grants Management Division
Office of Environmental Justice and External Civil Rights
United States Environmental Protection Agency
1200 Pennsylvania Avenue, NW (Mail Code:2202A)
Washington, DC 20460

Re: EPA Environmental Justice Collaborative Problem Solving Grant Letter of Commitment

Dear Mr. Burney:

The Affordable Housing Partnership and its collaborative partner the Capital Region Clean Energy Hub supports the Green & Healthy Homes Initiative's (GHHI) grant proposal to the U.S. Environmental Protection Agency for $500,000 in Environmental Justice Collaborative Problem Solving Grant funding. GHHI's development of the national Green and Healthy Homes Initiative model is transforming the approach to housing interventions by comprehensively addressing multiple home-based health hazards that threaten the health of young children, families and seniors while also reducing the energy consumption and costs that burden families and contribute to climate change.

We look forward to a deeper partnership with GHHI as we work to expand preventive intervention services and integrate energy efficiency measures in New York's Capital Region. We share a goal to deliver comprehensive Green and Healthy Homes interventions for low income families and seniors to address historic health disparities and mitigate climate impacts.

We understand that with EPA funding, GHHI will provide training and direct technical assistance in working with organizations such as ours to build local capacity and help scale preventive healthy homes services for environmental assessments, resident education and housing interventions. The Affordable Housing Partnership commits to participate in this collaborative by partnering on the grant and working to help low income Capital Region residents access clean energy technologies. A critical component of resident access to energy efficiency programs is that their homes must have basic health and safety issues addressed first – we look forward to working with our partners to braid resources to take a holistic approach in addressing the social determinants of health in our communities.

We ask you to fund this important Environmental Justice Collaborative Problem Solving Grant that will serve communities and stakeholders in New Jersey, New York, Puerto Rico and the US Virgin Islands.

Sincerely,

Susan Cotner
Executive Director

255 Orange Street, Albany, New York 12210
phone: [Ex. 6 - Personal Privacy (PP)] fax: [Ex. 6 - Personal Privacy (PP)]
website: ahphome.org

BLOC POWER

1623 Flatbush Avenue
Box #222
Brooklyn NY 11210
blocpower.io | Ex. 6 - Personal Privacy (PP)

April 11, 2023

Jacob Burney
Division Director, Grants Management Division
Office of Environmental Justice and External Civil Rights
United States Environmental Protection Agency
1200 Pennsylvania Avenue, NW (Mail Code:2202A)
Washington, DC 20460

Re: EPA Environmental Justice Collaborative Problem Solving Grant Letter of Commitment

Dear Mr. Burney:

BlocPower supports the Green & Healthy Homes Initiative's (GHHI) grant proposal to the U.S. Environmental Protection Agency for $500,000 in Environmental Justice Collaborative Problem Solving Grant funding. GHHI's development of the national Green and Healthy Homes Initiative model is transforming the approach to housing interventions by comprehensively addressing multiple home-based health hazards that threaten the health of young children, families and seniors while also reducing the energy consumption and costs that burden families and contribute to climate change. GHHI has a strong record of improving the health and stability of at risk communities through interventions and education that reduce asthma triggers and lead hazards. GHHI has played a leading role in working to improve lead poisoning and asthma outcomes in Baltimore City and other jurisdictions. We are enthused to partner with GHHI as it continues to help expand preventive intervention services and integrate energy efficiency measures in New York City, the Greater Capitol Region and throughout the State of New York that deliver comprehensive Green and Healthy Homes interventions for low income families and seniors to address historic health disparities and mitigate climate impacts.

With EPA funding, GHHI will provide training and direct technical assistance in working with local community-based organizations, government agencies and other stakeholders in EPA Region 2 to build local capacity and help scale preventive healthy homes services for environmental assessments, resident education and housing interventions. Increased services locally will improve the health of low income families and seniors by reducing: asthma triggers and lead hazards as well as conducting important weatherization and energy efficiency interventions to improve occupant health and reduce energy consumption and carbon emissions for vulnerable families. GHHI will provide local multi-day Boot Camp trainings for community organizations and government agencies on how to implement the comprehensive Green and Healthy Homes intervention model and will help facilitate new cross sector partnerships and collaboratives across the health, housing and energy sectors in New York City, the Greater Capitol Region and across the State of New York.

BlocPower commits to participate in this collaborative by partnering on the grant and providing support for the efforts to help address the social determinants of health and improve energy efficiency and electrification in New York City homes. Bloc Power is a community-based organization in New York City that will assist in convening community partners from the energy efficiency and decarbonization sectors in New York City communities and the State of New York. BlocPower will promote trainings, technical

BLOC POWER

1623 Flatbush Avenue
Box #222
Brooklyn NY 11210
blocpower.io | Ex. 6 - Personal Privacy (PP)

assistance, and Boot Camps by GHHI under the grant with home performance providers, local CBOs, and other stakeholders. BlocPower is an experienced service provider in New York who supports building greater capacity and increasing sustainable funding to reduce lead poisoning and asthma episodes as well as conduct energy efficiency and decarbonization interventions in low income homes. BlocPower is a leader in green jobs training and will help link community residents in New York City to BlocPower's Civilian Climate Corps workforce development program that is dedicated to preparing a nationally representative workforce of qualified contractors ready to take on a range of projects to support energy efficiency and green construction services

By directly building greater local capacity in community-based organizations and teaching stakeholders how to access innovative funding partnerships to scale needed services, low income owners and residents will be able to access free prevention interventions to reduce lead hazards and asthma triggers and address energy loss in their family's homes. It is critical that we support efforts to reduce carbon emissions by ensuring that low income communities have equitable access to electrification and decarbonization resources that improve indoor air quality while reducing carbon emissions that impact climate change. We ask you to fund this important Environmental Justice Collaborative Problem Solving Grant that will serve communities and stakeholders in New Jersey, New York, Puerto Rico and the US Virgin Islands.

Sincerely,

Keith Kinch
Co-Founder and General Manager

Founders
Vernice Miller-Travis
Peggy M. Shepard
Chuck Sutton

Board of Directors

Chair
Jeff Jones

Vice Chair
Ken P. Mak

Treasurer
Neetin Gulati

Secretary
Nancy E. Anderson, Ph.D.

Members
Lakeisha M. Aquino
Peter Bokor
Dennis Derryck, Ph.D.
David Evans, Ph.D.
Abiola Fasehun, Esq.
Eric A Goldstein, Esq.
Christy Loper
Sarangi Iyengar
Marielle Villar Martiney
Crystal Romeo Upperman
Carlos Talero
Vernice Miller-Travis
Anne Weisberg

Executive Director
Peggy M. Shepard

Member of EarthShare New York

CHARITY NAVIGATOR Four Star Charity

April 11, 2023

Jacob Burney
Division Director, Grants Management Division
Office of Environmental Justice and External Civil Rights
United States Environmental Protection Agency
1200 Pennsylvania Avenue, NW (Mail Code:2202A)
Washington, DC 20460

Re: EPA Environmental Justice Collaborative Problem Solving Grant Letter of Commitment

Dear Mr. Burney:

WE ACT strongly supports the Green & Healthy Homes Initiative's (GHHI) grant proposal to the U.S. Environmental Protection Agency for $500,000 in Environmental Justice Collaborative Problem Solving Grant funding. GHHI's development of the national Green and Healthy Homes Initiative model is transforming the approach to housing interventions by comprehensively addressing multiple home-based health hazards that threaten the health of young children, families and seniors while also reducing the energy consumption and costs that burden families and contribute to climate change. GHHI has a strong record of improving the health and stability of at-risk communities through interventions and education that reduce asthma triggers and lead hazards. GHHI has played a leading role in working to improve lead poisoning and asthma outcomes in Baltimore City and other jurisdictions. We are enthused to partner with GHHI as it continues to help expand preventive intervention services and integrate energy efficiency measures in New York City, the Greater Capitol Region and throughout the State of New York that deliver comprehensive Green and Healthy Homes interventions for low-income families and seniors to address historic health disparities and mitigate climate impacts.

With EPA funding, GHHI will provide training and direct technical assistance in working with local community-based organizations, government agencies and other stakeholders in EPA Region 2 to build local capacity and help scale preventive healthy homes services for environmental assessments, resident education and housing interventions. Increased services locally will improve the health of low-income families and seniors by reducing asthma triggers and lead hazards as well as conducting important weatherization and energy efficiency

New York, NY Office: 1854 Amsterdam Avenue, 2nd Floor | New York, NY 10031 | Phone: Ex. 6 - Personal Privacy (PP) | Fax: Ex. 6 - Personal Privacy (PP)
Washington, DC Office: 50 F Street, NW, Suite 550 | Washington, DC 20001 | Phone: Ex. 6 - Personal Privacy (PP) | Fax: Ex. 6 - Personal Privacy (PP)
www.weact.org

interventions to improve occupant health and reduce energy consumption and carbon emissions for vulnerable families. GHHI will provide local multi-day Boot Camp trainings for community organizations and government agencies on how to implement the comprehensive Green and Healthy Homes intervention model and will help facilitate new cross sector partnerships and collaboratives across the health, housing and energy sectors in New York City, the Greater Capitol Region and across the State of New York.

WE ACT commits to participate in this collaborative by partnering on the grant and providing support to help address the social determinants of health in our communities. WE ACT is a community-based organization headquartered in New York City that will assist in convening community partners from the environmental health and housing stakeholders in New York City communities. WE ACT will promote trainings, technical assistance, and Boot Camps by GHHI under the grant with local CBOs and other agencies on how to: develop cross sector partnerships, utilize the GHHI's comprehensive housing intervention model, provide greater prevention services capacity, and increase sustainable funding to reduce lead poisoning and asthma episodes as well as conduct energy efficiency and decarbonization interventions in low-income homes.

By directly building greater local capacity in community-based organizations and teaching stakeholders how to access innovative funding partnerships to scale needed services, low-income owners and residents will be able to access free prevention interventions to reduce lead hazards and asthma triggers and address energy loss in their family's homes. It is also critical that we support efforts to reduce carbon emissions by ensuring that low-income communities have equitable access to electrification and decarbonization resources that improve indoor air quality while reducing carbon emissions that impact climate change. **We ask you to fund this important** Environmental Justice Collaborative Problem Solving Grant **that will serve communities and stakeholders in New Jersey, New York, Puerto Rico and the US Virgin Islands.**

Sincerely,

Peggy Shepard

Peggy Shepard
Executive Director & Co Founder

New York, NY Office: 1854 Amsterdam Avenue, 2nd Floor | New York, NY 10031 | Phone: Ex. 6 - Personal Privacy (PP) | Fax: Ex. 6 - Personal Privacy (PP)
Washington, DC Office: 50 F Street, NW, Suite 550 | Washington, DC 20001 | Phone: Ex. 6 - Personal Privacy (PP) | Fax: Ex. 6 - Personal Privacy (PP)
www.weact.org

BLACK MILLENNIALS FOR FLINT

April 11, 2023

Jacob Burney
Division Director, Grants Management Division
Office of Environmental Justice and External Civil Rights
United States Environmental Protection Agency
1200 Pennsylvania Avenue, NW (Mail Code:2202A)
Washington, DC 20460

Re: EPA Environmental Justice Collaborative Problem Solving Grant Letter of Commitment

Dear Mr. Burney:

Black Millennials 4 Flint strongly supports the Green & Healthy Homes Initiative's (GHHI) grant proposal to the U.S. Environmental Protection Agency for $500,000 in Environmental Justice Collaborative Problem Solving Grant funding. GHHI's development of the national Green and Healthy Homes Initiative model is transforming the approach to housing interventions by comprehensively addressing multiple home-based health hazards that threaten the health of young children, families and seniors while also reducing the energy consumption and costs that burden families and contribute to climate change. GHHI has a strong record of improving the health and stability of at-risk communities through interventions and education that reduce asthma triggers and lead hazards.

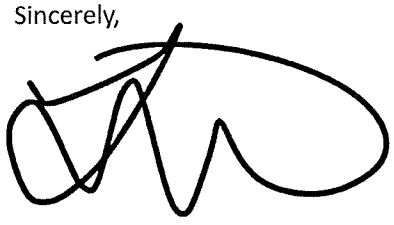
GHHI has played a leading role in working to improve lead poisoning and asthma outcomes in Baltimore City and other jurisdictions. We are enthused to partner with GHHI as it continues to help expand preventive intervention services and integrate energy efficiency measures in New Jersey that deliver comprehensive Green and Healthy Homes interventions for low-income families and seniors to address historic health disparities and mitigate climate impacts.

With EPA funding, GHHI will provide training and direct technical assistance in working with local community-based organizations, government agencies and other stakeholders in EPA Region 2 to build local capacity and help scale preventive healthy homes services for environmental assessments, resident education and housing interventions. Increased services locally will improve the health of low-income families and seniors by reducing asthma triggers and lead hazards as well as conducting important weatherization and energy efficiency interventions to improve occupant health and reduce energy consumption and carbon emissions for vulnerable families. GHHI will provide local multi-day Boot Camp trainings for community organizations and government agencies on how to implement the comprehensive Green and Healthy Homes intervention model and will help facilitate new cross sector partnerships and collaboratives across the health, housing and energy sectors in the State of New Jersey.

By directly building greater local capacity in community-based organizations and teaching stakeholders how to access innovative funding partnerships to scale needed services, low-income owners and

residents will be able to access free prevention interventions to reduce lead hazards and asthma triggers and address energy loss in their family's homes. It is also critical that we support efforts to reduce carbon emissions by ensuring that low-income communities have equitable access to electrification and decarbonization resources that improve indoor air quality while reducing carbon emissions that impact climate change. We ask you to fund this important Environmental Justice Collaborative Problem Solving Grant that will serve communities and stakeholders in New Jersey, New York, Puerto Rico and the US Virgin Islands.

Sincerely,



LaTricea D. Adams, MAT, EdS
Founder, CEO and President

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: DEC 23 2009

GREEN CITY FORCE INC
150 COURT ST 2ND FLOOR
BROOKLYN, NY 11201

Employer Identification Number:
80-0428040
DLN:
17053316339039
Contact Person:
NANCY L HEAGNEY ID# 31306
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)
Accounting Period Ending:
June 30
Public Charity Status:
170(b)(1)(A)(vi)
Form 990 Required:
Yes
Effective Date of Exemption:
July 20, 2009
Contribution Deductibility:
Yes
Addendum Applies:
No

Dear Applicant:

We are pleased to inform you that upon review of your application for tax exempt status we have determined that you are exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code. Contributions to you are deductible under section 170 of the Code. You are also qualified to receive tax deductible bequests, devises, transfers or gifts under section 2055, 2106 or 2522 of the Code. Because this letter could help resolve any questions regarding your exempt status, you should keep it in your permanent records.

Organizations exempt under section 501(c)(3) of the Code are further classified as either public charities or private foundations. We determined that you are a public charity under the Code section(s) listed in the heading of this letter.

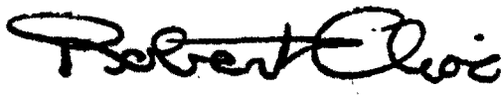
Please see enclosed Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, for some helpful information about your responsibilities as an exempt organization.

Letter 947 (DO/CG)

GREEN CITY FORCE INC

We have sent a copy of this letter to your representative as indicated in your power of attorney.

Sincerely,



Robert Choi
Director, Exempt Organizations
Rulings and Agreements

Enclosure: Publication 4221-PC

Letter 947 (DO/CG)

SCHALL & ASHENFARB Certified Public Accountants, LLC

IRA L. SCHALL, CPA
DAVID C. ASHENFARB, CPA
MICHAEL L. SCHALL, CPA



GREEN CITY FORCE, INC.

Audited Financial Statements

June 30, 2022

307 Fifth Avenue, 15th Floor
New York, New York 10016
Tel: Ex. 6 Personal Privacy (PP)
www.schallandashenfarb.com

SCHALL & ASHENFARB Certified Public Accountants, LLC

IRA L. SCHALL, CPA
DAVID C. ASHENFARB, CPA
MICHAEL L. SCHALL, CPA

INDEPENDENT AUDITORS' REPORT

To the Board of Directors of
Green City Force, Inc.

Opinion

We have audited the accompanying financial statements of Green City Force, Inc. ("GCF"), which comprise the statement of financial position as of June 30, 2022, and the related statements of activities, functional expenses, and cash flows for the year then ended, and the related notes to the financial statements.

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of GCF as of June 30, 2022, and the changes in net assets and its cash flows for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of GCF and to meet our other ethical responsibilities in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about GCF's ability to continue as a going concern within one year after the date that the financial statements are available to be issued.

Auditors' Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with generally accepted auditing standards will always detect a material misstatement when it exists.

307 Fifth Avenue, 15th Floor
New York, New York 10016
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The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users on the basis of these financial statements.

In performing an audit in accordance with generally accepted auditing standards, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of GCF's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about GCF's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control related matters that we identified during the audit.

Report on Summarized Comparative Information

We have previously audited GCF's June 30, 2021 financial statements, and we expressed an unmodified audit opinion on those audited financial statements in our report dated March 7, 2022. In our opinion, the summarized comparative information presented herein as of and for the year ended June 30, 2021 is consistent, in all material respects, with the audited financial statements from which it has been derived.

Schall & Ashenfarb

Schall & Ashenfarb
Certified Public Accountants, LLC

December 12, 2022

ED_016126_00000902-00003

GREEN CITY FORCE, INC.
STATEMENT OF FINANCIAL POSITION
AT JUNE 30, 2022
(With comparative totals as of June 30, 2021)

	6/30/22	6/30/21*
Assets		
Cash and cash equivalents	$2,187,265	$2,158,105
Government grants receivable	390,520	420,208
Contributions receivable, net (Note 3)	1,072,738	367,579
Program service fees receivable	1,246,096	103,815
Prepaid expenses	51,894	61,297
Security deposit	36,505	41,230
Fixed assets, net (Note 4)	32,725	0
Total assets	$5,017,743	$3,152,234
Liabilities and Net Assets		
Liabilities:		
Accounts payable and accrued expenses	$102,979	$54,221
Government grant advance	0	277,333
Paycheck Protection Program loan (Note 5)	0	416,118
Total liabilities	102,979	747,672
Net assets:		
Without donor restrictions	3,172,374	1,884,542
With donor restrictions (Note 6)	1,742,390	520,020
Total net assets	4,914,764	2,404,562
Total liabilities and net assets	$5,017,743	$3,152,234

*Restated for comparative purposes

The attached notes and auditors' report are an integral part of these financial statements.

ED_016126_00000902-00004

GREEN CITY FORCE, INC.
STATEMENT OF ACTIVITIES
FOR THE YEAR ENDED JUNE 30, 2022
(With comparative totals for the year ended June 30, 2021)

	Without Donor Restrictions	With Donor Restrictions	Total 6/30/22	Total 6/30/21
Public support and revenue:				
Contributions	$1,029,922	$2,133,747	$3,163,669	$1,345,059
Government grants:				
Paycheck Protection Program (Note 5)	416,118		416,118	385,000
Other government grants	1,206,003		1,206,003	1,350,309
Program service fees	2,716,975		2,716,975	424,379
Donated services	33,133		33,133	26,086
Other income	12,564		12,564	4,196
Loss on fixed asset disposal	0		0	(5,277)
Net assets released from restriction (Note 6)	911,377	(911,377)	0	0
Total public support and revenue	6,326,092	1,222,370	7,548,462	3,529,752
Expenses:				
Program services	3,814,693		3,814,693	2,414,822
Supporting services:				
Management and general	895,411		895,411	755,993
Fundraising	328,156		328,156	339,730
Total supporting services	1,223,567	0	1,223,567	1,095,723
Total expenses	5,038,260	0	5,038,260	3,510,545
Change in net assets	1,287,832	1,222,370	2,510,202	19,207
Net assets - beginning of year	1,884,542	520,020	2,404,562	2,385,355
Net assets - end of year	$3,172,374	$1,742,390	$4,914,764	$2,404,562

The attached notes and auditors' report are an integral part of these financial statements.

ED_016126_00000902-00005

GREEN CITY FORCE, INC.
STATEMENT OF FUNCTIONAL EXPENSES
FOR THE YEAR ENDED JUNE 30, 2022
(With comparative totals for the year ended June 30, 2021)

		Supporting Services				
	Program Services	Management and General	Fundraising	Total Supporting Services	Total Expenses 6/30/22	Total Expenses 6/30/21
Salaries	$2,686,411	$573,506	$208,676	$782,182	$3,468,593	$2,255,647
Payroll taxes and benefits	364,570	91,666	50,211	141,877	506,447	394,114
Professional fees	81,123	129,473	26,947	156,420	237,543	336,739
Occupancy	100,856	30,935	11,256	42,191	143,047	141,699
Office supplies and expenses	18,845	13,581	5,394	18,975	37,820	23,474
Communications	11,374	2,284	650	2,934	14,308	15,280
Donated services	12,912	20,139	82	20,221	33,133	26,086
Postage and printing	4,427	1,025	372	1,397	5,824	7,033
Travel and meals	83,404	6,912	14,616	21,528	104,932	70,467
Insurance	15,793	5,272	1,917	7,189	22,982	20,427
Membership dues	6,605	377	534	911	7,516	7,162
Program supplies and training	418,124			0	418,124	182,443
Depreciation		1,925		1,925	1,925	4,465
Other expenses	10,249	18,316	7,501	25,817	36,066	25,509
Total	$3,814,693	$895,411	$328,156	$1,223,567	$5,038,260	$3,510,545

The attached notes and auditors' report are an integral part of these financial statements.

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GREEN CITY FORCE, INC.
STATEMENT OF CASH FLOWS
FOR THE YEAR ENDED JUNE 30, 2022
(With comparative totals for the year ended June 30, 2021)

	6/30/22	6/30/21
Cash flows from operating activities:		
Change in net assets	$2,510,202	$19,207
Adjustments to reconcile change in net assets to net cash flows provided by operating activities:		
Paycheck Protection Program loan forgiveness	(416,118)	(385,000)
Depreciation	1,925	4,465
Loss on fixed asset disposal	0	5,277
Changes in assets and liabilities:		
Government grants receivable	29,688	(191,622)
Contributions receivable	(705,159)	357,421
Program service fees receivable	(1,142,281)	30,352
Prepaid expenses	9,403	(2,364)
Security deposit	4,725	0
Accounts payable and accrued expenses	48,758	9,325
Government grant advance	(277,333)	277,333
Paycheck Protection Program loan	0	416,118
Deferred revenue	0	(202,608)
Total adjustments	(2,446,392)	318,697
Net cash flows provided by operating activities	63,810	337,904
Cash flows from investing activities:		
Purchase of fixed assets	(34,650)	0
Net cash flows used for investing activities	(34,650)	0
Net increase in cash and cash equivalents	29,160	337,904
Cash and cash equivalents - beginning of year	2,158,105	1,820,201
Cash and cash equivalents - end of year	$2,187,265	$2,158,105
Supplemental data:		
Interest and taxes paid	$0	$0

The attached notes and auditors' report are an integral part of these financial statements.

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GREEN CITY FORCE, INC.
NOTES TO FINANCIAL STATEMENTS
JUNE 30, 2022

Note 1 - Nature of Entity

Green City Force, Inc. ("GCF") is a corporation organized in 2009 as a not-for-profit in the State of New York. GCF's mission is to break the cycle of poverty, preparing urban young adults to succeed in their chosen careers by engaging them in service, training and work experiences related to the clean energy economy. In doing so, GCF encourages them to lead socially and environmentally responsible lives. GCF simultaneously addresses three imperatives: unemployment and the lack of prospects for family-supporting careers among low-income youth, changes to the urban environment that must be made to mitigate climate change, and stimulation of the green economy through awareness-raising and individual behavior change.

GCF is working towards a "Green City" built on principles of sustainability, social, economic, and environmental justice. GCF views urban young adults as the essential force for driving the emergence of the Green City by doing the important work of transforming their own lives, leading community transformation in their own backyards, and promoting the values of a new, sustainable economy. GCF works toward this vision through their model Clean Energy Corps (the "Corps") in New York City. The Corps enlists and trains citizens and workers for an inclusive green economy. Corps members reduce greenhouse gas emissions, develop a passion for sustainability and service, stimulate demand for green services, and get on a path to be able to support a family either through work or higher education.

GCF solicits funds from a wide variety of sources including private foundations, businesses, government agencies, and individuals.

GCF has been notified by the Internal Revenue Service that it is exempt from federal income tax under Section 501(c)(3) of the Internal Revenue Code and has not been determined to be a private foundation as defined in Section 509(a).

Note 2 - Summary of Significant Accounting Policies

a. Basis of Accounting
The financial statements of GCF have been prepared using the accrual basis of accounting which is the process of recognizing revenue and expenses when earned or incurred rather than received or paid.

b. Basis of Presentation
GCF reports information regarding its financial position and activities according to the following classes of net assets:

- *Net Assets Without Donor Restrictions* – represents all activity without donor-imposed restrictions.

- *Net Assets With Donor Restrictions* – relates to contributions of cash and other assets with donor stipulations that make clear the assets' restriction, either due to a program nature or by the passage of time.

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c. Revenue Recognition

GCF follows the requirements of the Financial Accounting Standards Board's ("FASB") Accounting Standards Codification ("ASC") 958-606 for recognizing revenue from contracts with customers. GCF receives program service fees, which includes workforce training and social enterprise program service fees, that fall under ASC 958-606. GCF analyzes each source of revenue to determine that it has a contract with the customer that identifies both the performance obligation and the transaction price.

GCF recognizes program service fees revenue in the period in which it satisfies the performance obligations by providing services to program participants. Collection of fees for future trainings or services have been recorded as deferred revenue. Fees earned that have not been collected are reflected as program service fees receivable.

GCF follows the requirements of FASB's ASC 958-605 for recording contributions, which are recognized at the earlier of when cash is received or at the time a pledge becomes unconditional in nature. Contributions are recorded in the net asset classes referred to above depending on the existence and/or nature of any donor-imposed restriction. When a restriction expires, that is, when a stipulated time restriction ends, or purpose restriction is accomplished, net assets with donor restrictions are reclassified to net assets without donor restrictions. If donor restricted contributions are satisfied in the same period they were received, they are classified as without donor restrictions.

Contributions may be subject to conditions which are defined as both a barrier to entitlement and a right of return of payments or release from obligations and are recognized as income once the conditions have been substantially met.

GCF's government grants have been evaluated and are considered to be conditional contributions under ASC 958-605. Revenue from these transactions is recognized when qualifying expenditures are incurred, performance related outcomes are achieved, and other conditions under the agreements are met. Payments received in advance of conditions being met are recorded as deferred revenue.

Pledges that are expected to be received in less than one year are recorded at net realizable value. Those that are due in greater than one year are recorded at fair value, which is calculated using risk adjusted present value techniques. Long-term pledges are treated as time restricted until the period they are due, at which time they will be released from restriction and counted towards operations.

Management has reviewed the collectability of all receivables, factoring judgement about the creditworthiness and age of the receivable, as well as historical experience. Based on that evaluation, management has determined that no reserve for doubtful accounts is warranted.

d. Cash and Cash Equivalents

GCF considers all liquid investments that have an initial maturity of three months or less to be cash and cash equivalents.

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e. Concentration of Credit Risk
Financial instruments which potentially subject GCF to a concentration of credit risk consist of cash and money market accounts which are placed with financial institutions that management deems to be creditworthy. At times and at year end, balances may exceed federally insured limits. GCF has not experienced any losses from these accounts due to bank failure.

f. Fixed Assets
Purchases of computer equipment and leasehold improvements that exceed predetermined levels are capitalized at cost or at fair value if donated. Depreciation is computed using the straight-line method over the estimated useful life of the respective asset as follows:

Leasehold improvements – *Life of lease*
Vehicles – *3 years*
Computer equipment – *3 years*

g. Donated Services
Donated services that create or enhance non-financial assets or require specialized skills, are provided by individuals possessing those skills and would typically need to be purchased if not provided in-kind, are recognized at fair value.

Although GCF receives services from board members and other volunteers, these services do not meet the criteria for recognition as outlined above and have not been recorded.

h. Use of Estimates
The preparation of financial statements in accordance with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect certain reported amounts and disclosures. Actual results could differ from those estimates.

i. Functional Allocation of Expenses
The costs of providing various programs and other activities have been summarized on a functional basis in the financial statements. Accordingly, certain costs have been allocated among the programs and supporting services benefited.

The following costs are allocated using time and effort as the basis:

- Salaries
- Payroll taxes and benefits
- Occupancy
- Insurance
- Depreciation

All other expenses have been charged directly to the applicable program or supporting services.

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j. Summarized Comparative Financial Information
The financial statements include certain prior year summarized comparative information in total but not by net asset class. Such information does not include sufficient detail to constitute a presentation in conformity with accounting principles generally accepted in the United States of America. Accordingly, such information should be read in conjunction with GCF's financial statements for the year ended June 30, 2021, from which the summarized information was derived.

k. Accounting for Uncertainty of Income Taxes
GCF does not believe its financial statements include any material, uncertain tax positions. Tax filings for periods ending June 30, 2019 and later are subject to examination by applicable taxing authorities.

l. New Accounting Pronouncement
FASB issued Accounting Standards Update ("ASU") No. 2016-02, *Leases*. The ASU which becomes effective for the June 30, 2023 year, requires the full obligation of long-term leases to be recorded as a liability with a corresponding "right to use asset" on the statement of financial position.

GCF is in the process of evaluating the impact this standard will have on future financial statements.

Note 3 - Contributions Receivable

Contributions receivable are anticipated to be collected in the following periods:

		6/30/22	6/30/21
Year ending:	June 30, 2022	$0	$292,579
	June 30, 2023	668,567	75,000
	June 30, 2024	383,434	0
	June 30, 2025	4,950	0
	June 30, 2026	4,783	0
	June 30, 2027	4,603	0
	Thereafter	24,601	0
		1,090,938	367,579
Less: present value discount (at a rate of 3.14%)		(18,200)	0
Total		$1,072,738	$367,579

Note 4 - Fixed Assets

Fixed assets can be summarized as follows:

	6/30/22	6/30/21
Leasehold improvements	$71,206	$71,206
Vehicles	10,698	10,698
Computer equipment	45,639	10,989
	127,543	92,893
Less: accumulated depreciation	(94,818)	(92,893)
Total fixed assets. net	$32,725	$0

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Note 5 - Paycheck Protection Program Loan

On April 28, 2020 and March 24, 2021, GCF obtained loans from the U.S. Small Business Administration ("SBA") in the amount of $385,000 and $416,118, respectively, through the Paycheck Protection Program ("PPP"). Terms of the loans indicated that if certain conditions were met, which included maintaining average work forces during periods subsequent to receipt of the loan funds that are greater than pre-determined historical periods, that the loan, or a portion thereof, would be forgiven.

GCF accounts for the PPP loan as a contribution in accordance with FASB ASC 958-605 as it is considered to have traits similar to a conditional contribution. For the first loan, all conditions had been met during the year ended June 30, 2021 and revenue in the amount of $385,000 was recognized during the year then ended. For the second loan, all conditions have been met during the year ended June 30, 2022 and revenue in the amount of $416,118 has been recognized for the year then ended. Full forgiveness was approved by the SBA in April 2021 for the first PPP loan and in December 2021 for the second PPP loan.

Note 6 - Net Assets With Donor Restrictions

The following summarizes the changes in net assets with donor restrictions:

	June 30, 2022			
	Balance 7/1/21	Contributions	Released from Restrictions	Balance 6/30/22
Program/purpose restrictions:				
Urban Agriculture & Farm	$285,020	$250,000	($248,148)	$286,872
Career Pathways & Services	10,000	140,000	(20,365)	129,635
Service Corps	0	225,000	0	225,000
Apprenticeship Program	0	150,000	(4,348)	145,652
Tree Inventory	0	100,000	(57,507)	42,493
Total program/purpose	295,020	865,000	(330,368)	829,652
Time restrictions	225,000	1,268,747	(581,009)	912,738
Total	$520,020	$2,133,747	($911,377)	$1,742,390

	June 30, 2021			
	Balance 7/1/20	Contributions	Released from Restrictions	Balance 6/30/21
Program/purpose restrictions:				
Urban Agriculture & Farm	$588,212	$245,000	($548,192)	$285,020
Career Pathways & Services	0	10,000	0	10,000
Total program/purpose	588,212	255,000	(548,192)	295,020
Time restrictions	550,000	200,000	(525,000)	225,000
Total	$1,138,212	$455,000	($1,073,192)	$520,020

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Note 7 - Commitments

GCF has a lease agreement for office space, which expires on October 31, 2023.

The lease provides for the following annual minimum rental payments:

Year ending:	June 30, 2023	$117,307
	June 30, 2024	39,486
	Total	$156,793

On June 28, 2017, GCF obtained a line of credit in the amount of $100,000. Interest is charged at 2.5% above the prime rate established by the bank. As of June 30, 2022 and 2021, the line of credit was unused.

Note 8 - Retirement Plan

Subsequent to year end on July 15, 2022, GCF began to offer a 403(b) retirement plan. All employees who work in excess of 20 hours per week with a minimum of 1,000 total hours of service are eligible to participate. Employees who participate in the plan may elect to defer a portion of their salary and contribute to this plan up to statutory amounts. GCF can make a discretionary annual employer contribution for each participating employee. As the plan did not commence until after year end, there were no discretionary employer contributions for the years ended June 30, 2022 and 2021.

Note 9 - Availability and Liquidity

GCF maintains cash on hand to be available for its general expenditures, liabilities, and other obligations for on-going operations. GCF operates its programs within a board approved budget. The following reflects GCF's financial assets at June 30, 2022 that are available to meet cash needs for general expenditures within one year:

Financial assets at year-end:		
Cash and cash equivalents	$2,187,265	
Government grants receivable	390,520	
Contributions receivable	1,072,738	
Program service fees receivable	1,246,096	
Total		$4,896,619
Less amounts not available for general expenditures:		
Donor restricted net assets for future programs		(829,652)
Time restricted contributions receivable due in over one year		(422,371)
Financial assets available to meet cash needs for general expenditures within one year		$3,644,596

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Note 10 - Other Matters

On January 30, 2020, the World Health Organization declared the coronavirus outbreak a "Public Health Emergency of International Concern" and on March 10, 2020, declared it to be a pandemic. Actions taken around the world to help mitigate the spread of the coronavirus include restrictions on travel, quarantines in certain areas, and forced closures for certain types of public places and businesses. The coronavirus and actions taken to mitigate it have had and are expected to continue to have an adverse impact on the economies and financial markets of many countries, including the geographical area in which GCF operates. As of the date of these financial statements, many of the travel restrictions and stay at home orders have been lifted; however, supply chains remain impacted. Management continues to monitor the outbreak; however, as of the date of these financial statements, the potential impact cannot be quantified.

Note 11 - Subsequent Events

Subsequent events have been evaluated through December 12, 2022, the date the financial statements were available to be issued. Adjustments and disclosures have been made for all subsequent events that have occurred.

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EXPERIENCE

Executive Director September 2020 - Present
Chief Development Officer February 2016 – August 2020
Director of Development July 2014 – January 2016
Green City Force, Brooklyn NY

- Oversee $5M budget
- Lead staff of 23 full-time employees
- Lead strategy and organizational growth in partnership with Board of Directors and Executive Leadership Team
- Partner with Executive Leadership Team, Development Committee Chair, board and staff to chart a course for a sustainable funding model and new sources of revenue
- Increase diversity of funding sources building out major city partnerships for multiple year support and joint fundraising initiatives

Senior Manager for Strategic Projects, Office of Public Private Partnerships
New York City Housing Authority, New York, NY August 2013 – July 2014

- Provide strategic guidance on development and management of public private partnerships between Authority and corporate, foundation, and government entities
- Liaison to Department of Education (DOE) regarding Universal Pre-kindergarten (UPK). Facilitate NYCHA family UPK registration and advise child care providers on their RFP bids for DOE funding to conduct UPK programming in NYCHA facilities
- Project manage Choice Neighborhoods Initiative Mott Haven community transformation plan funded by U.S. Department of Housing and Urban Development
- Collaborate with agency-wide staff to design partnership and coordination plan between Authority, community based organizations, City agencies, settlement houses, and other community stakeholders to implement emergency response services for public housing residents
- Advise executive leadership and train staff on Authority-wide grants management policies and procedures
- Contribute to the design and implementation plan for a new public private partnerships 501(c) 3 entity which later became The Fund for Public Housing

Special Advisor to EVP for Community Programs & Development
New York City Housing Authority, New York, NY March 2012 – July 2013

- Oversaw strategic projects and communication for the Office of the Executive Vice President
- Advised and supported Executive Vice President in the management of 400 staff members and 450 community and senior centers citywide
- Served as liaison to 10 senior staff division heads and thought leaders on economic empowerment, education, health, senior services, community programming, resident engagement, external partnership cultivation, leasing of community spaces, administration, and budget

- Project managed nine month resident services framework assessment to determine new organizational structure and sustainable model for connecting 650,000 public housing and leased housing residents of New York City to high quality programming and resources
- Served as team leader for design of new community space rent pricing and partnership model for NYCHA resident service providers

Senior Program Director
Futures and Options, New York, NY December 2010 – October 2011

- Led high school internship program, middle school career readiness training, and college guidance initiative for 13 – 19 year old youth
- Managed partnerships with Municipal Bond Forum, KIPP Through College, NY Tech Meetup, publishing, advertising, nonprofit, and various other industries

Director of Career Program
Sponsors for Educational Opportunity (SEO), New York, NY May 2002 – December 2009

- Member of senior management team for highly competitive $2.6 million internship and mentoring program with 80% full-time hire rate
- Ran Philanthropy internship program and led intern grant making initiative that raised and awarded $400K to over 25 youth serving organizations in NYC
- Created online interview, resume, networking webinars for over 500 underclassmen

Director of Admissions
School of Visual Arts (SVA), New York, NY August 1997 – June 2001

- Chief admissions liaison to 25 department chairs and administrators

Director of Outreach in Liberal Arts
Regents College, Albany, NY November 1991 – August 1997

- Designed and delivered promotional tools used to establish affiliations with community, military, and corporate educators
- Provided academic advisement and degree completion plans to non-traditional, marginalized adult students including displaced homemakers

EDUCATION

Wesleyan University - Middletown, CT 1985 - 1989
Bachelor of Arts degree in Theatre Production

LEADERSHIP AND ACTIVITIES

Vital Strategies Action Fund Board Member and Secretary 2020 - Present
The Corps Network Corps Council Co-Chair of Membership Committee and Board of Directors 2019 - Present
Environmental Advocates of New York Co-Chair of 50th Anniversary Gala and Board of Directors 2019 – Present
New York Women's Foundation Circle of Sisters for Social Change 2010 - Present
Human Services Council Notable Women in Human Services Hall of Fame 2019
Enterprise Leadership Institute 2018 - 2019
Leukemia & Lymphoma Society Team in Training Century Cyclist 2010 - 2014
TonyaGayle.Info (TGI) Youth Development and Career Coaching 2010 - 2012
The People's Institute for Survival and Beyond Undoing Racism Workshop 2018
Interaction Institute for Social Change Fundamentals of Facilitation for Racial Justice Workshop 2020

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Experience

Director of Finance June 2021 - Present
Green City Force – Brooklyn, NY

- Lead financial planning to aid Executive Director and Board on strategic decisions
- Oversee organization's finance department and supervise relationship with outside CPA consultants
- Work directly with Executive Director to maintain financial health of organization
- Develop $7 million annual budget by working with department heads and forecasting revenue streams and associated costs
- Coordinate with Development department to create proposal-specific budgets for RFPs
- Restructured Department with new financial and accounting policies, processes, and controls

Adjunct Professor Sept. 2017 - Present
Seton Hall University – South Orange, NJ

- Instruct graduate courses focused on Governmental Financial Management and Controls, Public Policy, and Public Ethics
- Researched data on nonprofit investigative journalism for conference paper which was presented in April 2017
- Collaborated with faculty on research project centered on state data repositories by analyzing data through Excel and R

Assistant Director of Finance and Operations Mar. 2021 – June 2021
Operations Manager Jan. 2018 – Mar. 2021
Tanenbaum Center for Interreligious Understanding – New York, NY

- Supervised organization's finances, human resources, technology, and facility
- Partnered with CEO to plan organization's fiscal future and overall strategic vision
- Prepared $2 million annual budget, cash flow projections, and monthly, quarterly, and annual reports
- Forecasted operating costs for scheduled projects by working with other departments
- Oversaw personnel operations, including staff hiring, training, development, scheduling, payroll, and evaluation
- Developed and presented financial data, financial statements, and variance narratives to the Board of Directors and Financial Committees
- Managed all internal aspects of annual audit with outside CPA firm
- Executed core financial processes, including vendor relations, operational expenses, administration of bank accounts, and reconciliations

Stacks Coordinator Sept. 2015 – Dec. 2017
Seton Hall University, University Libraries – South Orange, NJ

- Managed team of 10 employees and oversaw day-to-day programs and tasks regarding Library Stacks and Databases
- Recommended process and system improvements such as upgraded electronic mapping of the Library's floor plans
- Directed all phases of a complete physical shift of the Library's collections, resulting in the movement of over 400,000 items under the expected two-year timeline

Publicity Chair and Executive Committee Member Mar. 2014 - Nov. 2014
John V. Kelly III Campaign for Essex County Freeholder – Nutley, NJ

- Advised candidate on event planning, meeting agendas, public communications, and outreach strategies

Researcher June 2014 - Aug. 2014
The New Jersey Law Journal – Newark, NJ

- Researched information on top 100+ law firms in Tri-state area to compile 2014 edition of annual NJLJ Legal Almanac

External Affairs Intern Sept. 2012 - Dec. 2012
Center for American Progress (CAP) – Washington D.C.

Administrative Intern May 2011 - Aug. 2011
Office of U.S. Senator Frank R. Lautenberg – Newark, NJ

Education

Seton Hall University - South Orange, NJ

Master of Arts: Public Administration (M.P.A.) 2017

Bachelor of Arts: Political Science 2014

Skills

Adobe Creative Suite, CSS, Donor Perfect, Fund-EZ, G Suite, HTML, Intacct, Microsoft Office Suite, Python, R Suite, Slack, SQL

Passionate. Creative. Driven.

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EDUCATION

SOKA UNIVERSITY OF AMERICA (SUA)
Aliso Viejo, CA

Bachelor's Arts in Liberals Arts

Concentration in Social Behavioral Science (Focus in Anthropology)

Magna Cum Laude

Capstone [Senior Thesis]: Love is Not Illegal: The Unknown, Untold Stories of Undocumented Asians

2013-2017

NATIONAL CHENGCHI UNIVERSITY 政治大學
Taipei, Taiwan

Completed 180 hours of the intensive Mandarin Chinese

September 2015 to December 2015

LANGUAGES

Mandarin
Limited working proficiency

Cantonese
Conversational

SKILLS

Adobe Photoshop & Illustrator, G-Suite, Hootsuite, iContact, Mailchimp, Monday.com, Microsoft Excel, Powerpoint, Publisher, Power Bi, Photography, Salesforce, Salsa Engage, Squarespace, Zoom

EXPERIENCE

Green City Force, New York, New York

Senior Development Manager July 2022 to Present
Development Manager September 2020 to July 2022

- Partner with Development Associate as a team of two to raise organizational budget of $5-7 million annually in government, corporate and foundation revenue through grant writing, donor stewardship, corporate volunteering and special events
- Increase corporate revenue by 30% in one fiscal year
- Identify and research new institutional donor prospects
- Complete contracts, claims, and reports for government, city and state grants
- Lead the organization's Salesforce data migration and maintain accurate grant records in the development databases
- Manage all individual and corporate volunteer events
- Track all day-to-day aspects of content and across the organization's social media
- Manage the Google Ads Associate to create and optimize ad campaigns
- Design all marketing materials for the organization ranging from presentations to local ads

Citizens Committee for New York City, New York, New York

Development and Volunteer Manager January 2020 to September 2020
Development and Volunteer Coordinator May 2018 to January 2020

- Planned, managed, built and sustained relationships with 70+ corporate groups to plan volunteer days with companies including Google, Hulu, WeWork, and BBC Studios, raising over $230,000 in a year
- Provided one-on-one project planning assistance with community organizers to plan transformative volunteer projects
- Managed all volunteer event logistics and ensure events run smoothly (event locations vary from community gardens to public schools)
- Produced, designed, and presented visual data reports for local elected officials, board members, stakeholders, and the public to determine organization's next steps
- Developed and design new website for the organization
- Created content and managed social media platforms (i.e. Instagram, Facebook, Twitter,
- LinkedIn) Increased individual donations for volunteer days by over 500%
- Organized and executed silent auction raising over $13,000
- Assisted in annual gala with seating charts, donation input in Salesforce, and logistics fundraising $2 million dollars
- Wrote, prepared, and sent acknowledge letters and invoices to donors
- Designed all marketing materials for the development team including donor reports, and the annual report
- Managed development and volunteer coordinator and interns

AmeriCorps NCCC FEMA Corps, Various Cities in the U.S. July 2017 to April 2018
Hurricane Maria: San Juan, Puerto Rico
Voluntary Agency Liasion (VAL) Partnerships Team

- VAL builds relationships among Federal, State, and tribal governments and voluntary, faith-based and community-based organizations by reporting to and from FEMA and other government agencies on programs of organizations active during disasters
- Developed, designed, implemented and monitored a partnership database with 400+ nonprofit organizations that are supporting Puerto Rico with hurricane relief
- Integrated partnership database to create a visual dashboard on Power BI to transform raw data into meaningful, actionable information to support unmeet needs of survivors
- Revised processes for partnership database and dashboard to document and minimize day-today involvement, pushed process life cycle from design to maintenance
- Coordinated and organized staff training, travel and billeting

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AWARDS

2018
Humanitatian Award - AmeriCorps Atlantic Region
FEMA Corps Class XXIV Presidential Volunteer Service Award - Gold, Congressional Award of Service - Bronze, Positive Attitude Consistent Effort (PACE) Award from AmeriCorps Atlantic Region

2017
FEMA Challenge Coin for service in Temporary Emergency Power Task Force, Soka University of America Residential Assistant (RA) of the Year

2015
Soka University of America Community Service Award

2014
Soka University of America Tour Guide of the Year, NJ Chinese Festival Scholarship Award Recipient

Second Harvest Food Bank of Orange County, Irvine, California
Development Intern October 2016 to May 2017

- Managed accuracy of donor and proposal tracking systems in eTapestry
- Coordinated ongoing fundraising campaigns through research, mailings, and phone calls
- Designed marketing material for donors and outreach such as infographics and donor packets
- Day of fundraising event support

Office of Admissions, Soka University of America, Aliso Viejo, CA
Senior Peer Mentor and Tour Guide September 2014 to May 2017

- Conceptualized, planned, organized, and oversaw logistics as well as designed materials for recruitment, prospective and admitted student events
- Served as liaisons to on-campus, student-led organizations and recruited students internally to participate in admission events
- Conducted guided walking tours to community members, prospective students, and their families

Residential Life, Soka University of America, Aliso Viejo, CA
Residential Advisor/Assistant August 2014 to May 2017

- Promoted and sustained organic leadership by maintaining positive peer-leader relationships and supported the goals of residents
- Served on-duty in the residence halls and performed community walks to build relationships with students, confronted policy infractions, and noted facility concerns
- Planned and facilitated hall meetings, activities and gatherings in order to strengthen bonds between residents through the educational co-curricular programs

ACTIVITIES

Guardians of Flushing Bay, Flushing, New York
Fundraising & Community Engagement Committee Member April 2021 to Present

- Participate in biweekly fundraising and community engagement committee meetings to support fundraising efforts and the planning of community events
- Volunteer at monthly Flushing Bay clean ups
- Participate in advocacy projects to protect Flushing Bay

Latina Republic, Mission Viejo, California
Board Member May 2020 to October 2021

- Serve as a volunteer board member to provide ideas, input and feedback
- Organize multiple virtual fundraisers to raise funds for programming
- Manage Latina Republic's Instagram and social media intern

Friends of Orange County Detainees, Irvine, California
Detainee Visitor at James A. Musick Facility January 2017 to May 2017

- Visited undocumented detainees, specifically those who speak Chinese
- Offered listening ears and a compassionate heart in an act of friendship to end isolation, and affirm each detainee's human dignity and worth

Compassion in Action (CIA), Aliso Viejo, California
Charter President January 2013 to May 2017

- Pioneered the first and only community service club at Soka University of America
- Organize, recruit and carry out responsibilities associated with the role as the club's Chief Executive Officer

Circle K International (CKI) Service Committee
The Eliminate Project Service Ambassador October 2014 to July 2015

- Worked with CCS Fundraising and Kiwanis Family members to develop and implement fundraising initiatives
- Designed a website to update and create increased awareness of the joint partnership with
- UNICEF to CKI members to fundraise $110 million to eliminate maternal and neonatal tetanus from the face of the earth

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PROFESSIONAL OVERVIEW

Cross sector leader with a passion for leveraging an interdisciplinary toolbox to change systems and commitment to being of service in often underinvested and environmentally vulnerable communities. Experienced working across sectors and building partnerships to develop and operationalize new initiatives and institutions to achieve measurable impact; expertise in holistic place-based economic and community development, stakeholder engagement, environmental and social justice.

CORE LEADERSHIP COMPETENCIES

- Analytical thinker and problem solver
- Grant administration and compliance
- Highly adaptable
- Practitioner of asset-based approach to community development
- Strategic planner
- Strong communicator
- Strong program development and organizational change management
- Strong team builder

PROFESSIONAL EXPERIENCE

GREEN CITY FORCE – NY, NY

Chief Program Officer — June 2021 – Present

- Lead 5 full-time program senior staff members responsible for Green City Force's Service Corps, Support Services, Career Services and Social Enterprise and direct a team of full-time and part-time staff and contractors as well as social work interns, who manage an annual service corps of 100-150 projected members annually as well as 600 alumni.
- Member of Executive Leadership team; working closely with GCF strategic and city agency program partners as well as the Program Committee which includes a number of GCF board members to drive organizational strategic planning and alignment.
- Develop and implement program strategies and design, data design, setting and supporting staff in attaining Program-related metrics and driving towards quality and continuous improvement..
- Leads continuous learning and improvement around youth development practices, opportunity youth, workforce and support service philosophy, and implementation for member retention and success.

NEW YORK RESTORATION PROJECT – NY, NY

Senior Director of Engagement and Programming — January 2017 – June 2021

- Manage all strategic and operational strategies for NYRP programs that are implemented in over 50 community gardens across New York City and 80 acres of parkland in Inwood, Manhattan. Core programs focus on civic engagement, capacity building, community organizing, community led design, environmental education, environmental stewardship, and partnership development. Merged previously siloed programs to improve program delivery and strengthen community impact.
- Lead the development and evaluation of new and existing programs, partners cultivation (academic and community based), board engagement, key stakeholder management – City government and non-profit.
- Assist in the development and implementation of strategies that further strengthen NYRP's mission of supporting and increasing social capital, strengthening food security, and increasing urban agriculture.
- Provide thought leadership and hands-on support on special projects that included AmeriCorps/ Corps Network relationship management, special funding opportunities.

DELANCEY STREET ASSOCIATES – NY, NY

Director of Community Relations, Essex Crossing — July 2014 – May 2015

- Developed and initiated implementation of community benefits agreement, which included workforce development (employment and vocational training opportunities), Minority and Women Owned Business goals, and other economic project-related opportunities.
- Primary community liaison on project design and scope, which consisted of general community outreach and management of communication and collaboration with established community advisory groups.
- Developed engagement and outreach strategy, project performance progress protocol related to community benefits and ancillary opportunities. This included support on housing lottery and managing engagement aspect of project open spaces – community rooftop farm and playground.
- Managed relationships with key stakeholders, internally and externally, including NYC Economic

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Development Corporation, NYC Small Business Services, NYC Housing Preservation and Development, Housing Development Corporation, NYC Housing Authority, elected officials, community board, local leaders, and nonprofits.

NEW YORK CITY HOUSING AUTHORITY, OFFICE OF RESIDENT ECONOMIC EMPOWERMENT & SUSTAINABILITY – NY, NY

Manager, NYCHA Resident Training Academy September 2011 – July 2014

- Oversaw daily program operations, outreach, recruitment, partner coordination, data collection, job placement at NYCHA and partners.
- Managed all reporting, program evaluation, and communications with Robin Hood Foundation, funder, and The Mayor's Office. Developed program strategies to ensure program sustainability (from funding, expanded training opportunities, and created career advancement opportunities for graduates).

Additional accomplishments:

- Developed Painter's apprenticeship program for 80 program graduates (union career path).
- Secured 60 + entry-level construction positions with private affordable housing developer consortium.
- Improved and maintained steady graduation and placement rates; 86% overall program graduation and 92% placement.

Zone Coordinator, Lower East Side (Zone 10) September 2011 – October 2012

- Inaugural Zone Coordinator; developed systems and tools for the implementation of the zone model: partnership application, electronic referral system, and strategic partnership opportunities.
- Provided capacity-building assistance to community-based organizations interested in working with NYCHA residents and facilitated engagement with local and central NYCHA departments. Acted as the external liaison, working closely with local political and community stakeholders.

CAREER NOTE

Community Development Field Researcher at Agua y Saneamientos Argentinos S.A. (BA, AR); Training and Technical Assistance Manager at Single Stop USA (NY); Operations Associate at Seedco (NY). Details available upon request.

EDUCATION

THE NEW SCHOOL, MILANO SCHOOL FOR PUBLIC ENGAGEMENT – NY, NY

MSc: Environmental Policy & Sustainability Management

BARD COLLEGE – ANNANDALE-ON-HUDSON, NY

Bachelor of Liberal Arts: Anthropology and Latin American & Iberian Studies

AFFILIATIONS

- National Service Leadership Council (Member)
- Green Economy Network (Member and Policy and Advocacy Subgroup Lead)

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EMPLOYEE HANDBOOK

GREEN CITY FORCE

GREEN CITY FORCE

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1. INTRODUCTION

Welcome to Green City Force (GCF)!

I'm excited for you to join the GCF community. As a mission driven organization, we work to provide a holistic, thoughtful and engaging work culture strengthened by the individual contributions that each of our team members bring to the work.

As a new employee, we hope you will find your employment rewarding, stimulating, challenging, and fun. GCF is a community of dedicated problem solvers who affirm the need and value of young people from frontline communities leading the way towards a #futuregreencity.

We expect that you will be a great addition to our staff and look forward to your ongoing contributions to both the young people we serve and to making GCF a vibrant and fulfilling place to work. We are collectively committed to making a meaningful impact on climate change and alleviating poverty in low-income communities in New York City.

At GCF we encourage open, honest communication including suggestions and constructive feedback. We value the creativity and ideas of our employees. Transparency and accountability are core values of our culture.

This Employee Handbook should provide answers to questions you may have about our employment policies, benefit programs, and other related policies and procedures. It is intended to outline GCF's policies and procedures in a straightforward manner. If you have any questions or comments regarding the policies and procedures contained in this handbook, please consult your immediate supervisor, our HR team members, or me directly.

I look forward to your partnership and contributions as a GCF colleague. Thank you for joining us!

In service,



Tonya Gayle
Executive Director

1.1 Mission Statement of Green City Force

We train young leaders to power a green and inclusive economy, through service. Our model corps in New York City enlists and trains young people from low income housing communities for a new and more equitable economy. We equip them with the tools to change the trajectory of their lives and access good jobs. Corps Members develop a passion for sustainability and service through driving large-scale environmental and health initiatives in public housing and other frontline communities. We design service as a path to greater wellbeing and means to enlist young people to become contributors and leaders in the movement to build a greener, fairer and more just world. Graduates go on to jobs or college, directly or through alumni initiatives that build towards sectoral jobs and apprenticeships, via social enterprise contracts or advanced training developed with employers. Our network of alumni, partners and supporters constitutes a growing ecosystem anchored in our corps.

1.2 Purpose of this Handbook

The policies and procedures outlined in this handbook are designed to serve as guidelines for management action. This handbook has been prepared for informational purposes only, to inform employees of GCF's policies and procedures and to establish GCF's expectations. It is intended to familiarize employees with important information about GCF, as well as provide guidelines for your employment experience with us in an effort to foster a safe and healthy work environment. It is not all-inclusive or intended to provide strict interpretations of our policies; rather, it offers an overview of the work environment. This handbook is not a contract, expressed or implied. This handbook and the policies and procedures contained in it are not intended to create any contract or binding agreement between GCF and any employee. This handbook does not guarantee employment for any length of time and is not intended to induce an employee to accept employment with GCF.

The provisions contained herein supersede all prior policies and practices, written or unwritten, except insofar as they contradict any provision of law or written contract, in which event such law or contract shall prevail.

GCF reserves the right to unilaterally revise, suspend, revoke, terminate or change any of its policies, in whole or in part, whether described within this handbook or elsewhere, in its sole discretion. It is obviously not possible to anticipate every situation that may arise in the workplace or to provide information that answers every possible question. Every effort will be made to keep you informed of GCF's policies, however we cannot guarantee that notice of revisions will be provided. Feel free to ask questions about any information within this handbook.

1.3 AmeriCorps

In 1993, President Bill Clinton signed the National and Community Service Trust Act, which established the Corporation for National and Community Service and brought the full range of domestic community service programs under the umbrella of one central organization. This legislation built on the first National Service Act signed by President George H.W. Bush in 1990. It also formally launched AmeriCorps, a network of national service programs that engage Americans in intensive service to meet the nation's critical needs in education, public safety, health and the environment. The newly created AmeriCorps incorporated two existing national service programs: the longstanding VISTA (Volunteers in Service to America) program, created by President Lyndon Johnson in 1964 and the National Civilian Community Corps (NCCC). In September 1994, the first class of AmeriCorps members—20,000 strong—began serving in more than 1,000 communities. On July 3, 2003, President George W. Bush signed the Strengthen AmeriCorps Program Act, which nearly doubled the number of AmeriCorps members. By establishing new accounting guidelines for making Segal AmeriCorps Education Awards from the National Service Trust, the Corporation can now authorize approximately twice as many AmeriCorps positions in all categories. The legislation was the product of extensive, cooperative discussions with the Administration and a sign of the strong bipartisan support for AmeriCorps.
-Information taken from AmeriCorps web page. To learn more about AmeriCorps visit: www.americorps.gov

The Clean Energy Service Corps

The Clean Energy Service Corps is a thematic corps within AmeriCorps, created by the Serve America Act of 2009. GCF was founded to demonstrate the potential impact of this new strand of service in creating pathways to prosperity for urban young adults while engaging them to address critical needs related to fighting climate change and improving community environmental health. The Clean Energy Service Corps grew out of a national collaboration among representatives from service and conservation corps, the labor movement, climate justice activists, academics, advocates for justice reinvestment and leaders in the green jobs movement.

Our goal at GCF is to build a citywide corps in New York City that can serve as a model for the country and is an ally in the broader movement to build an inclusive green economy.

1.4 GCF Corps Member Manual

All employees will receive a copy of the GCF Corps Member Manual when they commence employment with GCF. Employees are expected to read the policies and practices thoroughly, and as appropriate, act in accordance with them at all times.

2. NATURE OF EMPLOYMENT

2.1 Employment At Will

The employment relationship between GCF and each of its employees is employment at-will. No policy or procedure in this handbook is intended to create a contract binding the employee or the employer to an agreement of employment for a specific period of time. You or GCF can terminate your employment at any time, with or without cause, and with or without notice. No representative of GCF, except for the Executive Director, can authorize or sign an employment agreement contrary to the above terms or otherwise make any binding offer of employment for a specific term.

Employees are free to resign at any time for any reason. GCF is free to determine at any time that continued employment of an employee is not in its best interest and to terminate the employment of that employee, with or without notice or cause.

2.2 Introductory Period

The first 90 days of employment are considered a trial period during which an employee's performance is carefully evaluated. Employment with GCF during the introductory period and at all other times is at-will. Just as at any other time, during this 90-day introductory period, an employee may be terminated at any time at GCF's sole discretion. In other words, an employee has no entitlement to a job during or after this introductory period. Although paid time off will begin to accrue from your first day of employment, in the first year of employment, employees may not take paid time off until after completion of the introductory period. Employees taking time off during the introductory period will be unpaid, except for holidays. Each employee will receive a performance appraisal by her/his supervisor upon the completion of the introductory period. The successful completion of the introductory period does not alter in any way the at-will nature of employment at GCF. The introductory period may be shortened at the discretion of the Executive Director.

2.3 Exempt

Exempt employees are salaried employees that are not eligible for overtime compensation under the Fair Labor Standards Act. Executive, administrative, and professional employees are generally exempt from the provisions of the Fair Labor Standards Act. Employees should consult with their supervisor if they have questions regarding their classification as an exempt employee.

2.4 Non-Exempt

Non-exempt employees are subject to the Fair Labor Standards Act. These employees are covered by wage and hour laws regarding minimum wage, overtime pay and hours worked. Non-exempt employees are eligible for overtime pay of not less than 1.5 times the regular hourly rate of pay for all hours worked over 40 per work week. For purposes of computing overtime, the work week is Monday – Sunday. Non-exempt employees must receive permission from their supervisor before working overtime.

Working overtime hours that have not been authorized in advance by a supervisor may result in disciplinary action, up to and including termination of employment. Employees should consult with their supervisor if they have questions regarding their classification as a non-exempt employee.

2.5 Part-Time, Full-Time or Temporary Status

Regular Full-Time: Regular full-time employees are those employees who are not temporary and have successfully completed the introductory period, and are regularly scheduled to work a full time schedule of at least 30 hours a week. These employees receive all legally mandated benefits and are generally eligible for all of GCF's discretionary benefits, subject to the terms, conditions and limitations of each benefit program.

Regular Part-Time: Regular part-time employees are those employees who are not temporary and have successfully completed the introductory period, and are regularly scheduled to work less than the full-time schedule of at least 30 hours a week. Regular part-time employees are eligible for some employee benefits as described in this handbook.

Temporary: Temporary employees are those employees who are hired on a short-term basis to work either part-time or full-time and are generally scheduled to terminate by a certain date or when a project is completed. Temporary employees who remain on duty past the scheduled termination remain classified as temporary. Temporary employees are not eligible for most employment benefits or leave as described in this handbook.

Seasonal: Seasonal employees are those employees who are hired on a seasonal basis to work either part-time or full-time and are generally scheduled to terminate when the season has ended. Seasonal employees are eligible for some employee benefits as described in this handbook.

2.6 Contractors/Consultants

An individual or company providing specific services for a predetermined period of time under the supervision of a GCF staff member is a contractor. Contractors are not staff members, are not eligible for employee benefits or leave and are paid via a 1099 form. Only the Executive Director or her designee may hire a person as a contractor or consultant.

3. EMPLOYMENT RELATIONSHIP

3.1 Standard Office Hours of Operation

GCF's standard office hours of operation are 9:00am to 5:30pm, Monday through Friday. Certain employees may need to work earlier and/or later, and/or from Tuesday through Saturday, depending on the requirements of work. Your supervisor will let you know your regular work schedule. It is the employee's responsibility to notify their supervisor as soon as possible if the employee will be late or unable to report to work. Ideally, employees will provide sufficient notice so that a contingency plan can

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be put in place. Given the nature of the work of GCF, most employees have some degree of latitude in their schedules to complete the variety of tasks encompassed by GCF's mission. All employees are expected to participate in various activities outside the hours of the standard work week to complete projects or assignments, as necessary. In addition, all employees are expected to be available for certain GCF events as their supervisors may direct.

Employees may request flextime. The decision to approve flextime is solely within the discretion of the Executive Director or the approving manager.

3.2 Overtime

To meet GCF's operational needs, it is sometimes necessary for GCF's employees to work beyond their regular work hours. GCF will try to give you reasonable notice in advance of the need for you to work additional hours. If you need to work in excess of 40 hours of work in a week, you may be eligible for additional compensation called "overtime." For purposes of computing "overtime", the work week is defined as Monday – Sunday. Only employees classified as non exempt will be paid overtime.

Non-exempt employees should only work overtime if they have been approved to do so in advance by their supervisor. Meal breaks and approved sick days are not considered hours worked; however, for the purposes of calculating overtime, paid GCF holidays are considered hours worked.

There is no overtime for exempt (salaried) employees. In cases where an exempt employee is required to work an extraordinary number of hours beyond the normal work- week, the Executive Director or approving manager may consider a request for compensatory time off. Compensatory time off is not an entitlement, but is granted at the discretion of the Executive Director or approving manager, and if granted, is not on an hour-by-hour basis and must be requested before being taken.

3.3 Pay Periods

Employees are paid semi-monthly. All required deductions, such as federal, state and local taxes, and all authorized voluntary deductions, will be withheld automatically from your paychecks. Employees are paid by check unless they elect to be paid by, and properly arrange for, direct deposit. Employees should review their paycheck each pay period for accuracy. If an employee discovers an error, they should notify their supervisor and the members of the finance department at finance@greencityforce.org so that it can be investigated, and corrected if it is determined that an error was made.

3.4 Time Sheets

Employees are required to keep accurate records of time worked. The total hours worked in a day should reflect actual hours worked. Time worked should be logged on time sheets on a daily basis. All time sheets must correspond to pay periods. Hours worked are verified by signatures of the employee and

their supervisor. Employees should consult their supervisor if they are unsure whether they need to maintain and submit time sheets.

3.5 Background Check

As an AmeriCorps program, GCF is responsible for complying with the Corporation for National Service's (CNCS) Criminal Record Checks regulations 45 CNR Parts 2510, 2522, 2540, 2551 and 2552. "[All] grantees must conduct at least two-part National Service Criminal History checks on participants and program employees in AmeriCorps, Foster Grandparents, Senior Companions, and any other programs funded by the CNCS under National Service laws. Beginning April 21, 2011, the law required that programs conduct three-part checks – including FBI, statewide repository, and sex offender registry checks – on individuals who will have recurring contact with vulnerable populations."

GCF complies with the CNCS by performing statewide criminal background checks, fingerprint checking against the FBI database as needed and checking the National Sex Offender Public Website for participants and program employees in AmeriCorps. These checks are authorized by candidates as part of the onboarding process and are initiated after the offer has been accepted and no later than the first day of service/work.

3.6 Non-Partisan Organization

GCF is a non-partisan organization and appreciates the support it has received from representatives of all political orientations. GCF does not contribute to, work for, endorse or oppose any political party or any specific elected officials or candidates for public office. Therefore, employees may not engage in political activity while on the job for GCF, while representing GCF or while in GCF uniform.

3.7 Partisan Activities of GCF Staff as Private Citizens

As private citizens, GCF employees and other members, such as board members, may support or oppose the elected officials, political party and candidates of their personal choice, as long as anything said or done is as a private citizen and not as a spokesperson (or implied spokesperson) for the GCF organization. Employees should be aware that even if they do not identify themselves as being with GCF, the media or the public might do so.

While charging time to the AmeriCorps program, accumulating service or training hours, or otherwise performing activities supported by the AmeriCorps program or CNCS, employees and Corps Members will not engage in any AmeriCorps prohibited activities including:

- o Attempting to influence legislation
- o Organizing or engaging in protests, petitions, boycotts or strikes
- o Assisting, promoting or deterring union organizing

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o Impairing existing contracts for services or collective bargaining agreements o Engaging in partisan political activities, or other activities designed to influence the outcome of an election to any public office
o Participating in, or endorsing, events or activities that are likely to include advocacy for or against political parties, political platforms, political candidates, proposed legislation or elected officials
o Engaging in religious instruction, conducting worship services, providing instruction as part of a program that includes mandatory religious instruction or worship, constructing or operating facilities devoted to religious instruction or worship, maintaining facilities primarily or inherently devoted to religious instruction or worship or engaging in any form of religious proselytization Providing a direct benefit to a business organized for profit, a labor union, a partisan political organization, a nonprofit that fails to comply with the restrictions contained in section 501(c)(3) of the Internal Revenue Code of 1986, or an organization engaged in the religious activities described above, unless the CNCS assistance is not used to support those religious activities
o Conducting a voter registration drive or using the CNCS funds to conduct a voter registration drive
o Providing abortion services or referrals for receipt of such services
o Such other activities as the CNCS may prohibit

3.8 Ethical Behavior/Conflicts of Interest

The highest standard of ethical conduct and fair dealing is expected of each employee and all others associated with GCF. It is important for all employees to carry out their responsibilities in an ethical manner and employees must avoid any interest, influence or relationship which might conflict, or appear to conflict, with the best interests of GCF or which might affect their judgment or loyalty.

Employees must avoid any situation in which their loyalty may be divided, and must promptly disclose any situation where an actual or potential conflict may exist. Examples of potential conflict situations include:

o Having a financial interest in any business transaction with GCF, either directly or through a third party
o Accepting gifts, entertainment or other benefit of more than a nominal value from those engaging in a business transaction with GCF

GCF supports the rights of employees to participate in activities outside the organization, provided that these activities do not constitute a conflict with GCF's interests or interfere with the employee's job performance. Employees must consult with the Executive Director or supervisor before accepting assignment to a position within another organization that might be construed as constituting a conflict of interest.

Employees are subject to any conflicts of interest or similar policy applicable to employees of GCF, and this policy does not supersede the terms of any such conflicts of interest or similar policy.

3.9 Fees and Honoraria

Any person employed by GCF, whether regular full-time, regular part-time, temporary or seasonal, who consults, lectures, counsels, advises, writes, publishes or otherwise represents GCF, or outside individuals or organizations on behalf of GCF, must remit all fees, royalties, donations or honoraria to GCF. In the event that an institution is required to write the payment to a specific individual and not an organization, the check may be written to the individual but then must be immediately signed over or, if paid in cash, given to GCF upon receipt. Any exceptions to this policy must be approved in advance, by the Executive Director or, in the case of the Executive Director, by the Board of Directors.

3.10 Immigration Reform and Control Act

The Immigration Reform and Control Act of 1986 requires an employer to certify to the U.S. Government that its employees are legally eligible to work in the United States. To comply with this law, you must provide, and an employer is required to examine and is permitted to copy, all original documents verifying your right to work in the U.S., including your U.S. Passport, Certificate of Citizenship, Social Security Card, Alien Registration Card, Birth Certificate and/or Driver's License. Upon being hired, you must complete the federal and state-required forms for employment, including tax withholdings and the federal Form I-9, Employment Eligibility Verification Form. Form I-9 verifies your identity and eligibility to work in the U.S. This form must be completed within three (3) business days from your date of hire.

3.11 Prohibition Against Violence in the Workplace

GCF strives to create and maintain a safe and productive working environment. Violence in the workplace is strictly prohibited and will not be tolerated. You are expected to comply with this policy, and appropriate disciplinary action will be taken against any individual who violates the policy. Based upon the seriousness of the conduct, disciplinary action may include verbal or written reprimand, suspension or termination.

As a representative of GCF, your conduct reflects not only on you, but also on the organization as a whole. There are some circumstances that, because of their serious, violent and/or destructive nature, cannot be tolerated under any circumstances, and may be grounds for immediate termination of employment. These circumstances include an assault or the verbal or physical abuse of another person or visitor in the workplace or in any work-related setting outside the workplace, including a business-related social function. Further, GCF has a zero-tolerance policy prohibiting weapons of any kind on the premises. If you become aware of the presence of a weapon on the premises, or are the victim or threatened target of abuse, please immediately contact your supervisor. If your supervisor is not available, you should immediately contact the Director of People Operations.

The names of individuals associated with your report and all information relating to your report will be held in confidence as much as possible to protect victims and witnesses against potential retaliation, as

well as to protect those who may be wrongfully accused. Such confidentiality will be maintained except to the extent that disclosure is required to investigate the report and determine its validity.

3.12 Solicitation and Distribution

In order to avoid unnecessary annoyances and work interruptions, solicitation by an employee of another employee is prohibited while either person is on working time. Employee distribution of literature, including handbills, in work areas is prohibited at all times. Trespassing, soliciting or distribution of literature by non-employees on these premises is prohibited at all times.

3.13 Policy on Sexual Harassment Prevention

Introduction:

Green City Force is committed to maintaining a workplace free from sexual harassment. Sexual harassment is a form of workplace discrimination. All employees are required to work in a manner that prevents sexual harassment in the workplace. This Policy is one component of Green City Force's commitment to a discrimination-free work environment. Sexual harassment is against the law [1] and all employees have a legal right to a workplace free from sexual harassment and employees are urged to report sexual harassment by filing a complaint internally with Green City Force. Employees can also file a complaint with a government agency or in court under federal, state or local anti-discrimination laws.

Policy:

1. Green City Force's policy applies to all employees, volunteers, Corps Members, applicants for employment, interns, whether paid or unpaid, contractors and persons conducting business, regardless of immigration status, with Green City Force. In the remainder of this document, the term "employees" refers to this collective group.

2. Sexual harassment will not be tolerated. Any employee or individual covered by this policy who engages in sexual harassment or retaliation will be subject to remedial and/or disciplinary action (e.g., counseling, suspension, termination).

3. Retaliation Prohibition: No person covered by this Policy shall be subject to adverse action because the employee reports an incident of sexual harassment, provides information, or otherwise assists in any investigation of a sexual harassment complaint. Green City Force will not tolerate such retaliation against anyone who, in good faith, reports or provides information about suspected sexual harassment. Any employee of Green City Force who retaliates against anyone involved in a sexual harassment investigation will be subjected to disciplinary action, up to and including termination. All employees, paid or unpaid interns, or non-employees [2] working in the workplace who believe they have been subject to such retaliation should inform a supervisor, manager, HR staff person, or the Executive Director or their designee. All employees, paid or unpaid interns or non-employees who believe they have been a target of such retaliation may also seek relief in other available forums, as explained below in the section on Legal Protections.

4. Sexual harassment is offensive, is a violation of our policies, is unlawful, and may subject Green City Force to liability for harm to targets of sexual harassment. Harassers may also be individually subject to liability. Employees of every level who engage in sexual harassment, including managers and supervisors who engage in sexual harassment or who allow such behavior to continue, will be penalized for such misconduct.

5. Green City Force will conduct a prompt and thorough investigation that ensures due process for all parties, whenever management receives a complaint about sexual harassment, or otherwise knows of

possible sexual harassment occurring. Green City Force will keep the investigation confidential to the extent possible. Effective corrective action will be taken whenever sexual harassment is found to have occurred. All employees, including managers and supervisors, are required to cooperate with any internal investigation of sexual harassment.

- All employees are encouraged to report any harassment or behaviors that violate this policy. Green City Force will provide all employees a complaint form for employees to report harassment and file complaints.
- Managers and supervisors are **required** to report any complaint that they receive, or any harassment that they observe or become aware of, to the Executive Director or their designee.

6. This policy applies to all employees, paid or unpaid interns, and non-employees and all must follow and uphold this policy. This policy must be provided to all employees and should be posted prominently in all work locations to the extent practicable (for example, in a main office, not an offsite work location) and be provided to employees upon hiring.

What Is "Sexual Harassment"?

Sexual harassment is a form of sex discrimination and is unlawful under federal, state, and (where applicable) local law. Sexual harassment includes harassment on the basis of sex, sexual orientation, self-identified or perceived sex, gender expression, gender identity and the status of being transgender.

Sexual harassment includes unwelcome conduct which is either of a sexual nature, or which is directed at an individual because of that individual's sex when:

- Such conduct has the purpose or effect of unreasonably interfering with an individual's work performance or creating an intimidating, hostile or offensive work environment, even if the reporting individual is not the intended target of the sexual harassment;
- Such conduct is made either explicitly or implicitly a term or condition of employment; or
- Submission to or rejection of such conduct is used as the basis for employment decisions affecting an individual's employment.

A sexually harassing hostile work environment includes, but is not limited to, words, signs, jokes, pranks, intimidation or physical violence which are of a sexual nature, or which are directed at an individual because of that individual's sex. Sexual harassment also consists of any unwanted verbal or physical

advances, sexually explicit derogatory statements or sexually discriminatory remarks made by someone which are offensive or objectionable to the recipient, which cause the recipient discomfort or humiliation, which interfere with the recipient's job performance.

Sexual harassment also occurs when a person in authority tries to trade job benefits for sexual favors. This can include hiring, promotion, continued employment or any other terms, conditions or privileges of employment. This is also called "quid pro quo" harassment.

Any employee who feels harassed should report so that any violation of this policy can be corrected promptly. Any harassing conduct, even a single incident, can be addressed under this policy.

Examples of sexual harassment

The following describes some of the types of acts that may be unlawful sexual harassment and that are strictly prohibited:

- Physical acts of a sexual nature, such as:
  - Touching, pinching, patting, kissing, hugging, grabbing, brushing against another employee's body or poking another employee's body;
  - Rape, sexual battery, molestation or attempts to commit these assaults.

- Unwanted sexual advances or propositions, such as:
  - Requests for sexual favors accompanied by implied or overt threats concerning the target's job performance evaluation, a promotion or other job benefits or detriments;
  - Subtle or obvious pressure for unwelcome sexual activities.

- Sexually oriented gestures, noises, remarks or jokes, or comments about a person's sexuality or sexual experience, which create a hostile work environment.

- Sex stereotyping occurs when conduct or personality traits are considered inappropriate simply because they may not conform to other people's ideas or perceptions about how individuals of a particular sex should act or look.

- Sexual or discriminatory displays or publications anywhere in the workplace, such as:
  - Displaying pictures, posters, calendars, graffiti, objects, promotional material, reading materials or other materials that are sexually demeaning or pornographic. This includes such sexual displays on workplace computers or cell phones and sharing such displays while in the workplace.

- Hostile actions taken against an individual because of that individual's sex, sexual orientation, gender identity and the status of being transgender, such as:
  - Interfering with, destroying or damaging a person's workstation, tools or equipment, or otherwise interfering with the individual's ability to perform the job;

- Sabotaging an individual's work;
- Bullying, yelling, name-calling.

Who can be a target of sexual harassment?

Sexual harassment can occur between any individuals, regardless of their sex or gender. New York Law protects employees, paid or unpaid interns, and non-employees, including independent contractors, and those employed by companies contracting to provide services in the workplace. Harassers can be a superior, a subordinate, a coworker or anyone in the workplace including an independent contractor, contract worker, vendor, client, customer or visitor.

Where can sexual harassment occur?

Unlawful sexual harassment is not limited to the physical workplace itself. It can occur while employees are traveling for business or at employer sponsored events or parties. Calls, texts, emails, and social media usage by employees can constitute unlawful workplace harassment, even if they occur away from the workplace premises, on personal devices or during non-work hours.

Retaliation

Unlawful retaliation can be any action that could discourage a worker from coming forward to make or support a sexual harassment claim. Adverse action need not be job-related or occur in the workplace to constitute unlawful retaliation (e.g., threats of physical violence outside of work hours).

Such retaliation is unlawful under federal, state, and (where applicable) local law. The New York State Human Rights Law protects any individual who has engaged in "protected activity." Protected activity occurs when a person has:

- made a complaint of sexual harassment, either internally or with any anti-discrimination agency;
- testified or assisted in a proceeding involving sexual harassment under the Human Rights Law or other anti-discrimination law;
- opposed sexual harassment by making a verbal or informal complaint to management, or by simply informing a supervisor or manager of harassment;
- reported that another employee has been sexually harassed; or
- encouraged a fellow employee to report harassment.

Even if the alleged harassment does not turn out to rise to the level of a violation of law, the individual is protected from retaliation if the person had a good faith belief that the practices were unlawful. However, the retaliation provision is not intended to protect persons making intentionally false charges of harassment.

Reporting Sexual Harassment

Preventing sexual harassment is everyone's responsibility. Green City Force cannot prevent or remedy sexual harassment unless it knows about it. Any employee, paid or unpaid intern or non-employee who has been subjected to behavior that may constitute sexual harassment is encouraged to report such behavior to a supervisor, manager or the Executive Director or their designee. Anyone who witnesses or becomes aware of potential instances of sexual harassment should report such behavior to a supervisor, manager or the Executive Director or their designee.

Reports of sexual harassment may be made verbally or in writing. A form for submission of a written complaint is attached to this Policy, and all employees are encouraged to use this complaint form.

Employees who are reporting sexual harassment on behalf of other employees should use the complaint form and note that it is on another employee's behalf.

Employees, paid or unpaid interns or non-employees who believe they have been a target of sexual harassment may also seek assistance in other available forums, as explained below in the section on Legal Protections.

Supervisory Responsibilities

All supervisors and managers who receive a complaint or information about suspected sexual harassment, observe what may be sexually harassing behavior or for any reason suspect that sexual harassment is occurring, **are required** to report such suspected sexual harassment to the Executive Director or their designee.

In addition to being subject to discipline if they engaged in sexually harassing conduct themselves, supervisors and managers will be subject to discipline for failing to report suspected sexual harassment or otherwise knowingly allowing sexual harassment to continue.

Supervisors and managers will also be subject to discipline for engaging in any retaliation.

Complaint and Investigation of Sexual Harassment

All complaints or information about sexual harassment will be investigated, whether that information was reported in verbal or written form. Investigations will be conducted in a timely manner, and will be confidential to the extent possible.

An investigation of any complaint, information or knowledge of suspected sexual harassment will be prompt and thorough, commenced immediately and completed as soon as possible. The investigation will be kept confidential to the extent possible. All persons involved, including complainants, witnesses and alleged harassers will be accorded due process, as outlined below, to protect their rights to a fair and impartial investigation.

Any employee may be required to cooperate as needed in an investigation of suspected sexual harassment. Green City Force will not tolerate retaliation against employees who file complaints, support another's complaint or participate in an investigation regarding a violation of this policy.

While the process may vary from case to case, investigations should be done in accordance with the following steps:

- Upon receipt of complaint, the Executive Director or their designee will conduct an immediate review of the allegations, and take any interim actions (e.g., instructing the respondent to refrain from communications with the complainant), as appropriate. If the complaint is verbal, encourage the individual to complete the "Complaint Form" in writing. If he or she refuses, prepare a Complaint Form based on the verbal reporting.
- If documents, emails or phone records are relevant to the investigation, take steps to obtain and preserve them.
- Request and review all relevant documents, including all electronic communications.
- Interview all parties involved, including any relevant witnesses;
- Create a written documentation of the investigation (such as a letter, memo or email), which contains the following:
    - A list of all documents reviewed, along with a detailed summary of relevant documents;
    - A list of names of those interviewed, along with a detailed summary of their statements;
    - A timeline of events;
    - A summary of prior relevant incidents, reported or unreported; and
    - The basis for the decision and final resolution of the complaint, together with any corrective action(s).
- Keep the written documentation and associated documents in a secure and confidential location.
- Promptly notify the individual who reported and the individual(s) about whom the complaint was made of the final determination and implement any corrective actions identified in the written document.
- Inform the individual who made the report of the right to file a complaint or charge externally as outlined in the next section.

Legal Protections And External Remedies

Sexual harassment is not only prohibited by Green City Force but is also prohibited by state, federal, and, where applicable, local law.

Aside from the internal process at Green City Force, employees may also choose to pursue legal remedies with the following governmental entities. While a private attorney is not required to file a complaint with a governmental agency, you may seek the legal advice of an attorney.

In addition to those outlined below, employees in certain industries may have additional legal protections.

State Human Rights Law (HRL)

The Human Rights Law (HRL), codified as N.Y. Executive Law, art. 15, § 290 et seq., applies to all employers in New York State with regard to sexual harassment, and protects employees, paid or unpaid interns and non-employees, regardless of immigration status. A complaint alleging violation of the Human Rights Law may be filed either with the Division of Human Rights (DHR) or in New York State Supreme Court.

Complaints with DHR may be filed any time **within one year** of the harassment. If an individual did not file at DHR, they can sue directly in state court under the HRL, **within three years** of the alleged sexual harassment. An individual may not file with DHR if they have already filed a HRL complaint in state court.

Complaining internally to Green City Force does not extend your time to file with DHR or in court. The one year or three years is counted from the date of the most recent incident of harassment.

You do not need an attorney to file a complaint with DHR, and there is no cost to file with DHR.

DHR will investigate your complaint and determine whether there is probable cause to believe that sexual harassment has occurred. Probable cause cases are forwarded to a public hearing before an administrative law judge. If sexual harassment is found after a hearing, DHR has the power to award relief, which varies but may include requiring your employer to take action to stop the harassment, or redress the damage caused, including paying of monetary damages, attorney's fees and civil fines.

DHR's main office contact information is: NYS Division of Human Rights, One Fordham Plaza, Fourth Floor, Bronx, New York 10458. You may call Ex. 6 - Personal Privacy (PP) or visit: www.dhr.ny.gov.

Contact DHR at Ex. 6 - Personal Privacy (PP) or visit dhr.ny.gov/complaint for more information about filing a complaint. The website has a complaint form that can be downloaded, filled out, notarized and mailed to DHR. The website also contains contact information for DHR's regional offices across New York State.

Civil Rights Act of 1964

The United States Equal Employment Opportunity Commission (EEOC) enforces federal anti-discrimination laws, including Title VII of the 1964 federal Civil Rights Act (codified as 42 U.S.C. § 2000e et seq.). An individual can file a complaint with the EEOC anytime within 300 days from the harassment. There is no cost to file a complaint with the EEOC. The EEOC will investigate the complaint, and determine whether there is reasonable cause to believe that discrimination has occurred, at which point the EEOC will issue a Right to Sue letter permitting the individual to file a complaint in federal court.

The EEOC does not hold hearings or award relief, but may take other action including pursuing cases in federal court on behalf of complaining parties. Federal courts may award remedies if discrimination is found to have occurred. In general, private employers must have at least 15 employees to come within the jurisdiction of the EEOC.

An employee alleging discrimination at work can file a "Charge of Discrimination." The EEOC has district, area, and field offices where complaints can be filed. Contact the EEOC by calling Ex. 6 - Personal Privacy (PP) (TTY: Ex. 6 - Personal Privacy (PP) visiting their website at www.eeoc.gov or via email at info@eeoc.gov.

If an individual filed an administrative complaint with DHR, DHR will file the complaint with the EEOC to preserve the right to proceed in federal court.

Local Protections

Employees who work in New York City may file complaints of sexual harassment with the New York City Commission on Human Rights. Contact their main office at Law Enforcement Bureau of the NYC Commission on Human Rights, 40 Rector Street, 10th Floor, New York, New York; call 311 or Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) or visit www.nyc.gov/html/cchr/html/home/home.shtml.

Contact the Local Police Department

If the harassment involves unwanted physical touching, coerced physical confinement or coerced sex acts, the conduct may constitute a crime. Contact the local police department.

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[1] While this policy specifically addresses sexual harassment, harassment because of and discrimination against persons of all protected classes is prohibited. In New York State, such classes include age, race, creed, color, national origin, sexual orientation, military status, sex, disability, marital status, domestic violence victim status, gender identity and criminal history.
[2] A non-employee is someone who is (or is employed by) a contractor, subcontractor, vendor, consultant, or anyone providing services in the workplace. Protected non-employees include persons commonly referred to as independent contractors, "gig" workers and temporary workers. Also included are persons providing equipment repair, cleaning services or any other services provided pursuant to a contract with the employer.

Policy adopted on October 9, 2018

4. EMPLOYEE BENEFITS AND LEAVE TIME

Eligible regular full-time, regular part-time, temporary, and seasonal employees may be entitled to receive paid time off, sick leave and other benefits as described in this handbook. Some benefits are provided to eligible employees by law. GCF reserves the right to amend, rescind or terminate discretionary benefits at any time. Direct supervisors and the Director of People Operations can help employees identify programs for which they are eligible. More information can be found below as well as in documents provided separately when employees enroll in the plans.

4.1 Insurance

GCF offers regular full-time employees (working at least 30 hours per week), regular part-time employees (working between 25 and 29 hours), and seasonal employees (either full-time or part-time) medical, dental, vision and life insurance.

Medical Coverage: Eligible immediately upon starting employment. Dental & Vision Coverage: Eligible upon completion of one month of employment. Life Coverage: Eligible upon completion of one month of employment.

4.2 Attendance and Absences

GCF expects employees to be at work during normal working hours contributing to the work of GCF. An employee who is unable to report for work, or who will be late coming to work or will be leaving early, should notify their supervisor as soon as they are aware of the situation so that alternative plans can be made. Regular attendance is required for all employees. Continued lateness or absenteeism will result in disciplinary action, including dismissal.

4.3 Holidays

Regular full-time employees and regular part-time employees working 20 or more hours a week are eligible for holiday pay. Part-time employees will receive pay only for the number of hours they would have regularly worked if the holiday had been a work day.

New Year's Day* (January 1)
Presidents Day (third Monday in February)
Memorial Day (last Monday in May)
Independence Day* (July 4)
Labor Day (first Monday in September)
Indigenous Peoples Day (second Monday in October)
Veterans Day* (November 11)
Thanksgiving Day (fourth Thursday in November)
Day after Thanksgiving

Day before Christmas
Christmas Day*

*If these holidays fall on a Saturday, the preceding Friday will be a paid holiday. If they fall on a Sunday, the following Monday will be a paid holiday.

In addition to the above holidays, GCF has occasional special holidays. Employees who are required to work on a special GCF holiday may receive approval from their supervisor to take another day as a holiday, which must be taken within 30 days of the special holiday. GCF will announce and confirm any such special holidays.

Employees who wish to observe a religious holiday that is not on the schedule of paid holidays can either take the day as paid time off day, or exchange it for another GCF paid holiday, with prior approval from their supervisor to take the religious holiday as a paid day and work through a specified paid holiday.

GCF commemorates Martin Luther King, Jr. Day and Juneteenth as days of service and provides opportunities for employees to serve together to commemorate its legacies in the service of others to work towards positive social change. Thus, Dr. Martin Luther King, Jr. Day and Juneteenth are not GCF paid holidays and are not GCF special holidays.

Winter Holiday Closing
Unless required to work, all GCF worksites will be closed on the days following Christmas Day to the end of the year (December 28 – 31). The closing may be adjusted based on the day of the week each holiday falls on.

4.3.1 Holiday Pay Policy for Temporary Employees

Eligibility
Temporary Employees are eligible for holiday pay if the Temporary Employee:

- Works 20 or more hours per week,
- Worked for Green City Force for at least thirty (30) days,
- Is in good standing with the organization.

For Temporary Employees, good standing in the GCF organization shall mean:

- Meets expectations on their Work Performance Evaluation after their thirty (30) day,
- Has at least 90% on-time attendance track record, and
- Has no written warnings during the month of and the month prior to the holiday

i.e. In order to receive holiday pay for Christmas Day, the temporary employee must not have any written warnings for the months of November and December.

Any holidays that fall within the thirty (30) days will NOT be paid. Additionally, in order to receive holiday pay, the Temporary Employee must work their scheduled shifts before and after the holiday.

4.4 Paid Time Off

GCF recognizes the importance of providing you with time for rest and relaxation. We fully encourage you to get this rest by taking your paid time off (PTO).

Regular full-time employees are eligible to take accrued PTO after completion of their 90- day introductory period. Foreseeable time off should be planned and communicated to your supervisor well in advance so that arrangements can be made to cover your work responsibilities while you are absent. PTO banks are reset every calendar year. No more than 5 PTO days may be carried over to the first quarter of the following calendar year. Employees who take PTO must use the PTO in increments of four (4) hours.

PTO Allowances

Category	Year 1 - 2	Year 3
Executive Management and Directors	25 days	30 days
Salaried, Exempt	20 days	25 days
Salaried, Non-exempt	20 days	25 days

Accrual: Regular full-time employees accrue one-twelfth of their annual PTO at the end of each month of employment. PTO can be taken in advance of accrual (up to the amount an employee is eligible to accrue in a calendar year), with the approval of the employee's supervisor. Any exceptions to the above PTO chart must be approved by the Executive Director in writing. Regular part-time and seasonal employees accrue PTO days according to the same schedule, but it is prorated based on the percentage of a 40-hour work-week that they work.

All employees who begin employment after the start of the calendar year accrue PTO according to the same schedule, but it is prorated based on the portion of the calendar year that they work. Employees will not earn PTO time while they are on suspension or unpaid leave.

4.5 Safe and Sick Leave

GCF is subject to New York City's Paid Safe and Sick Leave Law, which provides employees up to 40 hours of paid leave each calendar year. The Notice of Employee Rights will be given to each employee at the commencement of her/his employment. For regular full-time, part-time and seasonal employees, the PTO allowances in Section 4.4 satisfy the Paid Safe and Sick Leave Law, and therefore encompass sick leave allocation. For temporary employees, the Paid Safe and Sick Leave Law applies.

Temporary employees must provide reasonable advance notice to GCF of the employee's need for safe and sick leave. The employee needs to provide the notice to their supervisor. If the need for safe and sick leave is foreseeable, such as for doctor visits, scheduled surgery or regularly scheduled therapy sessions, then the employee should make the request to their supervisor with as much advance notice as possible. GCF may request documentation if more than three workdays in a row are used.

Accrual

Temporary employees who take safe and sick leave may use safe and sick leave as it is accrued and are **no longer** required to take safe and sick leave in increments of four (4) hours. Paid Safe and Sick Leave is accrued at a rate of 1 hour for every 30 hours worked. Accrual begins from the first 30 hours worked up to a maximum of 40 hours per calendar year. Employees may carryover up to 40 hours of unused safe and sick leave to the following calendar year.

4.6 Bereavement Leave

GCF provides time away from the office in the event an employee suffers the loss of a family member. Full-time employees are provided up to 3 days of Bereavement Leave with pay per calendar year in the event of a death in your immediate family. Part-time employees will receive pay only for the number of hours they would have regularly worked if the bereavement leave day had been a workday.

For the purposes of the Bereavement Leave policy, immediate family is defined as: spouse, domestic partner, partner in a civil union, child, parent, brother, sister, grandchild, grandparent, mother-in-law, father-in-law or a person who is legally acting as one of the above. Any other relative living in your residence at the time of death will also be considered immediate family. Bereavement leave is in addition to all other paid leave time provided to regular employees.

4.7 Procedure for Use of Leave Time

Requests for PTO must be submitted to the employee's supervisor for approval. GCF requests that employees also notify their supervisors in advance of any scheduled sick days or bereavement leave. Employees should ensure their approved PTO, sick or other approved days off are recorded on the PTO Calendar.

Based upon organizational needs, every effort will be made to grant an employee the PTO and sick days on the dates requested. The Executive Director or the employee's approving manager has final approval of PTO and sick leave days, and approval must be granted before days may be taken, in accordance with the policies set forth in this handbook.

4.8 Family/Medical Leave

Employees who have worked at GCF for one year (12 months) and performed a minimum of 1250 hours of work are eligible for up to 12 work weeks of unpaid family and medical leave during a rolling 12-month period for the following reasons:

- o Birth of a child of the employee and in order to care for such child within one year of birth;
- o Placement of a son or daughter with the employee for adoption or foster care; o To care for the employee's spouse, domestic partner, son, daughter or parent who has a serious health condition; or
- o Employee's own serious health condition that renders that employee incapable of performing the functions of their job.

Employees are required to give as much notice as possible when requesting family and medical leave. GCF may deny or delay a request for leave when adequate notice is not given. Employees must apply all accumulated paid leave before using unpaid family and medical leave. After paid leave is expended, GCF will award unpaid leave time to complete the 12- week period. The combination of paid and unpaid family leave may not exceed 12 weeks in any 12- month period. This 12-month period is a rolling period to be measured from the date an employee first commences family and medical leave.

Employees on leave retain previously accumulated benefits while on leave, but will not accrue seniority or additional employment benefits during the period of time they are away on unpaid leave. Employees will be allowed to continue coverage under any group health plan on the same basis as if they continued employment. If the employee normally pays all or part of the premiums for such benefits (including payment via payroll deduction), the employee must make arrangements for continued payment of such premiums during the period of unpaid family and medical leave.

In the case of birth or placement of a child for adoption or foster care, leave must be concluded within 12 months of the child's birth or placement with the employee. In cases where both partners are employed by GCF, their total leave in any 12-month period will be limited to 12 weeks.

An employee's request for leave based on her/his own serious health condition or that of a family member must be supported by the certification of a healthcare provider. Employees returning from family and medical leave taken because of the employee's own serious health condition may be required to provide a fitness-for-duty certification from the employee's health care provider in order to be restored to employment.

An employee may be allowed to take leave on an intermittent or reduced schedule if they have a serious health condition or that of a qualifying family member renders such a schedule medically necessary. If an employee qualifies for intermittent or reduced schedule leave, they may be required to transfer temporarily to an alternative position for which they qualify and which better accommodates the

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required periods of leave than does her/his regular position. If an employee fails to return to work after their leave is exhausted, the employee will be required to repay GCF for benefit payments made on the employee's behalf unless the failure to return is due to circumstances beyond the employee's control.

4.9 Paid Family Leave (PFL)

Overview

The New York Paid Family Leave provides eligible employees with job-protected, paid time off so you can:

- o Bond with a newly born, adopted or fostered child

  New Child: GCF eligible employees can take PFL during the first 12 months following the birth, adoption, or fostering of a child. Expectant mothers cannot take PFL for their own pregnancy before the birth of a child.
- o Care for a close relative with a serious health condition

  Serious Illness: GCF eligible employees can take PFL to care for a close relative with a serious health condition. A close relative includes a spouse, domestic partner, child and stepchild, parent and stepparent, parent-in-law, grandparent, and grandchild. These relatives can live outside of New York State and even outside the country. You may not take PFL for your own health condition.
- o Assist with family situations when a family member is deployed abroad on active military service

  GCF eligible employees can take PFL to assist with family situations arising when your spouse, domestic partner, child, or parent is deployed abroad on active military service or has been notified of an impending military deployment abroad. You may not take PFL for your own qualifying military event.

You can continue your health insurance while on leave and are guaranteed the same or comparable job after your leave ends. If you contribute to the cost of your health insurance, you must continue to pay your portion of the premium cost while on Paid Family Leave

Eligibility

All eligible GCF employees are entitled to participate in Paid Family Leave.

- o Full-time employees: Employees who work a regular schedule of 20 or more hours per week are eligible after 26 consecutive weeks of employment
- o Part-time employees: Employees who work a regular schedule of less than 20 hours per week are eligible after working 175 days, which do not need to be consecutive.

Employees are eligible regardless of citizenship and/or immigration status

Process to Request PFL

You must give your Supervisor and the Director of People Operations 30 days' notice of your intent to use PFL. Please complete the Approval of Request Form, and submit it to your supervisor to be approved. Once approved, you may submit the PFL Application to the Director of People Operations.

The Approval of Request Form and the PFL Application can be obtained from the Director of People Operations.

4.10 Military Leave

You will be granted military leave according to applicable law. Please notify your supervisor of your need for military leave immediately upon receipt of your notice to report to duty. If you wish to return to work at the conclusion of your military leave, you must apply for re-employment upon return from military service. You will not be paid by GCF while you are on military leave. You may, however, use annual leave time to cover the period of your leave.

GCF will grant any employee regularly working an average of twenty (20) hours per week or more whose spouse is a member of the U.S. Armed Forces, National Guard or Reserves who has been deployed during a period of war as declared by the U.S. Congress, or in which a member of the Reserve component of the U.S. Armed Forces is ordered to active duty, to a combat theatre, or to a combat zone, ten (10) days of unpaid leave when the spouse serving in the military is on leave.

GCF will not discriminate in any way against employees who request a leave of absence for this purpose.

4.11 Jury Duty

A leave of absence for jury duty will be granted to any employee who has been notified to serve. GCF will pay its regular full-time and regular part-time employees the difference between their regular pay and their jury pay up to a maximum period of two (2) weeks. If a temporary employee is scheduled to work during any or all of the first three (3) days of jury duty, GCF will pay the employee $40 per day if the employee has been employed by GCF for fewer than 60 calendar days, or the amount GCF expected to pay them for those scheduled work days if the employee has been employed by GCF for 60 days or more. You are required to show your supervisor the jury subpoena as soon as possible prior to the date your jury duty begins. You should also call in daily to report your status and must return to work during any regular office hours when you are excused from jury duty. You will be expected to return to the office when you are dismissed from the jury pool. GCF will not discriminate in any way against employees on account of jury service.

4.12 Voting

Regular full-time employees who do not have sufficient time outside of their regular working hours to vote in an election may request time off to vote. If possible, employees should make their request at least 2 days in advance of the election. Up to 3 hours of paid time off will be provided, at the beginning or end of the employee's regular shift, whichever will allow the most free time for voting and the least time off of work. GCF will not discriminate in any way against employees who request time off for this purpose.

4.13 Right to Express Breast Milk at Work

GCF will provide reasonable unpaid break time or permit female employees to use paid break time each day to express breast milk for their nursing children for up to three (3) years following the birth of each child. GCF will make reasonable efforts to provide a private room or other location, in close proximity to the work area, where female employees can express breast milk for their children. GCF will not discriminate in any way against female employees who exercise their right to express breast milk in the workplace.

4.14 Blood Donation Leave

GCF will provide leave time for the purpose of donating blood. Employees taking leave to donate blood off premises shall be permitted at least one (1) unpaid leave per calendar year of three (3) hours duration during their regular work schedule. GCF requires employees to show either proof of their blood donation or of their good-faith effort at blood donation to be eligible for the leave. GCF will not discriminate in any way against employees who request leave for this purpose.

4.15 Bone Marrow Donation Leave

GCF will provide unpaid leave time for an employee to undergo a medical procedure to donate bone marrow, which leave time will be determined by the employee's physician up to a maximum of twenty-four (24) hours. GCF may require that the employee's physician verify in writing the purpose and duration of each bone marrow donation leave. When a bone marrow donation procedure is scheduled and the employee intends to take leave under this policy for this procedure, the employee must notify their supervisor and the People Administration and Operations department in writing of their intent to take leave as soon as possible, but in no event less than twenty-four (24) hours prior to the day of procedure. In the event of an unscheduled or emergency bone marrow donation procedure for which an employee intends to take leave under this policy, the employee must notify their supervisor and the People Administration and Operations department in writing of their intent to take leave as soon as possible after the employee is notified of the request to donate. GCF will not discriminate in any way against employees who request leave for this purpose.

4.16 Extended Health Care Coverage (COBRA)

GCF employees and other qualified beneficiaries are entitled to temporary extensions of employer-sponsored group health (including dental and vision, if applicable) coverage (called "continuation coverage") at group rates in certain instances where coverage under the plan would otherwise end. A qualified beneficiary includes the employee, the employee's spouse, and the employee's dependent children (including children born or adopted during the continuation coverage period).

This policy is intended to inform employees of their rights and obligations under the law with respect to continuation coverage. Both employees and their covered dependents should take the time to read the following information carefully.

Qualifying Events Employees covered by GCF's health plan have the right to elect continuation coverage if they lose their group health coverage because of a reduction in their hours of employment or the termination of their employment (for reasons other than their gross misconduct).

The spouse or dependent child of an employee covered by GCF's health plan also has the right to elect continuation coverage if they lose group health coverage under GCF's health plan for any of the following reasons:

- o the death of the employee;
- o a voluntary or involuntary termination of the employee's employment (for reasons other than gross misconduct) or reduction of hours worked that renders the employee ineligible for coverage;
- o divorce or legal separation of the employee;
- o the employee becomes enrolled in Medicare; or
- o the dependent child ceases to be a "dependent child" under GCF's health plan.

Notification Procedure Under the law, the employee or spouse must inform the Director of People Operations of a divorce, legal separation, or a child losing dependent status under GCF's health plan within sixty (60) days of the later of (i) the date of the event or (ii) the date on which coverage would end under GCF's health plan because of the event. GCF must notify the various insurance carriers of the employee's death, termination, reduction in hours of employment or Medicare enrollment.

When the Director of People Operations is notified that one of these events has occurred within the time specified, the Director of People Operations will notify the employee or other qualified beneficiaries that they have the right to elect continuation coverage. The employee or qualified beneficiaries have at least sixty (60) days from the date they would lose coverage due to one of the events described above to inform the Director of People Operations of the decision to elect continuation coverage. If an employee or other qualified beneficiary elects continuation coverage within the sixty (60) day period, coverage will be retroactively reinstated to the date coverage was terminated, without penalty, upon payment of the premiums due. The employee or other qualified beneficiary has forty-five (45) days after the election to pay the premiums due.

To obtain coverage for children born or adopted during the continuation coverage period, the employee must complete an enrollment form for the child and submit it to theDirector of People Operations within thirty (30) days of the birth or adoption.

Period of Continuation Coverage: If an employee or other qualified beneficiary elects continuation coverage, GCF is required to provide coverage that is identical to the coverage then provided under its plan to similarly-situated employees or other qualified beneficiaries. The law requires that the employee

or other qualified beneficiary be afforded the opportunity to purchase continuation coverage for up to thirty-six (36) months.

Termination of Continuation Coverage: The law also provides that continuation coverage may be terminated for any of the following reasons:

- o GCF no longer provides group health coverage to any of its employees.
- o The employee or other qualified beneficiary fails to make premium payments on time.
- o The employee or other qualified beneficiary becomes covered under another group health plan that does not contain a valid exclusion or limitation with respect to any preexisting condition they may have. If the employee or other qualified beneficiary becomes covered under another group health plan, they must notify the Director of People Operations immediately.
- o The employee or other qualified beneficiary becomes enrolled in Medicare. The employee's spouse or dependent children who are not enrolled in Medicare may remain enrolled under continuation coverage.

Cost of Continuation Coverage: An employee or other qualified beneficiary is not required to show that they are insurable in order to elect continuation coverage. However, under the law, the employee or other qualified beneficiary must pay the entire premium for continuation coverage.

The cost of the premium will be the same rate GCF pays plus a plan administration fee of 2%. Coverage and premiums are subject to change, reflecting increases or decreases in coverage or premiums for active employees.

Questions about this benefit should be directed to the Director of People Operations. If an employee or other qualified beneficiary experiences a change in marital status or address, they should notify the Director of People Operations.

4.17 Short-Term Disability Insurance

GCF provides a Short-Term Disability Insurance plan to regular full-time employees and regular part-time employees who are unable to work because of a non-work-related injury or illness. Benefits normally begin on the eighth consecutive calendar day of disability and generally are payable for up to a maximum of twenty-six (26) weeks.

Disabilities arising from pregnancy, a pregnancy-related illness or childbirth are covered under the short-term disability insurance plan.

Details of the Short-Term Disability Insurance plan including benefit amounts, when benefits are payable, and limitations, restrictions and other exclusions are described in the documentation provided to eligible employees. Contact the Director of People Operations for more information about short-term disability insurance.

4.18 Workers' Compensation Insurance

All GCF employees are covered by Workers' Compensation Insurance when performing their job duties. Accidents occurring or injuries sustained while on the job at GCF, even if they seem minor at the time, must be reported immediately (within twenty-four (24) hours) to a supervisor, the Director of People Operations so that the appropriate paperwork can be filed with the insurance carrier. The insurance carrier may require examination and treatment by a physician.

4.19 Unemployment Insurance

GCF employees are covered under New York State Unemployment Insurance, for which GCF pays the entire cost. Unemployment Insurance is generally available to employees whose employment with GCF has been terminated or whose hours have been reduced through no fault of their own. To qualify for temporary income benefits under this insurance, an employee must have worked a certain number of hours prior to termination, earned a certain amount of income in covered employment, be ready, willing and able to work, and actively looking for work at the time the employee applies for benefits.

See the claimant handbook for more information on New York State Unemployment Insurance Benefits.

4.20 Social Security and Medicare (FICA)

All GCF employees are covered for Social Security and Medicare under the Federal Insurance Contribution Act ("FICA"). Employee contributions are established by law and automatically deducted from each paycheck, with GCF contribution an equal amount on behalf of each employee. Generally, employees are eligible to receive a monthly income from Social Security when they retire or in the event that they become totally or permanently disabled. Family benefits are also available in the event of a covered employee's death.

4.21 Commuter Benefits

GCF provides all regular full-time and full-time equivalent employees with the option to enroll in GCF's commuter benefits program. Enrollment information is provided to each eligible employee at the beginning of their employment. Contact the Director of People Operations for more information about commuter benefits.

5. EMPLOYEE RESPONSIBILITIES

5.1 Professional Behavior

Employees are expected to demonstrate sound judgment and common sense as professionals in the workplace and while representing GCF in all community settings. The guidelines below describe expected behavioral standards. The following examples are not intended to constitute an all-inclusive list.

- o Adhering to GCF culture, AmeriCorps rules and abiding by all policies outlined in this handbook and, as applicable, in the Corps Member Manual
- o Treating partners, donors, guests, other employees, Corps Members and volunteers of GCF respectfully and courteously
- o Representing GCF in a positive and professional manner at all times

Weapons of any kind are strictly prohibited on GCF premises or service sites. Physical fighting and excessive verbal arguing are prohibited.

If an employee's performance, work habits, overall attitude, conduct or demeanor becomes unsatisfactory in the judgment of GCF, measured in light of the behavioral expectations listed above or any other GCF policies or practices, the employee will be subject to disciplinary action, up to and including termination of employment without prior warning, at the sole discretion of GCF. A record of all violations and disciplinary actions will be placed in the employee's personnel file.

5.2 Dress Code

At all times, employees are expected to present a neat, clean and site-appropriate image and to exercise good judgment in applying the dress code policy. Whenever an employee interacts with donors, other employees, volunteers or outside guests, or represents the organization in a public setting, they should dress appropriately for the standards of the organization they are visiting or the function they are attending.

Any form of clothing that is revealing, unkempt or that carries an offensive message is considered unacceptable attire. If an employee comes to work in unacceptable attire, the supervisor may ask the employee to go home, change clothes and then return to work in acceptable attire.

There are three categories of dress at GCF: the uniform and business-casual attire, and GCF office attire.

1. **<u>The GCF Uniform: Dress Code for GCF Service Sites and Service Outreach Activities</u>**

While engaged in GCF service activities, GCF employees wear the uniform as a public symbol of our organizational commitment to service.

Service staff who work with Corps Members at service sites will receive a standard-issue staff uniform and are expected to wear the full uniform while supervising service activities.

All staff members who are visiting service sites or engaging in outreach/ recruitment activities related to service are expected to wear a GCF top with casual pants- khakis, cargos or other durable fabrics are all appropriate. <u>Jeans are not permitted</u> while participating in/ supporting GCF service and outreach activities.
Additionally:

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- Attire should be clean and pressed for a neat presentation
- GCF T-shirts must be tucked in at all times. GCF polo-shirts, sweatshirts, and hoodies may be worn untucked
- Pants should have no visible tears and must be worn at waist level
- Hats with visible brands/logos (other than AmeriCorps and GCF) are not permitted; plain solid color hats are allowed so long as no logos/brands are visible.
- Remove all headwear (hats, head wraps, and scarves, etc) when indoors (unless worn for religious purposes)
- Necklaces must be tucked into shirts at all times (this is for safety reasons)
- Laces on footwear must be tied,
- No defacing the uniform - staff are responsible for replacing defaced parts

2. Dress Code for Business Casual Attire

Staff members are expected to wear business casual attire while attending meetings with external partners, and when attending training or meetings with Corps Members, such as Green City Academy, where Corps Members are also expected to wear business casual attire.

See guidance below:
Business casual attire:

Yes	No
• Jackets (optional, but not required) • Button-up shirts, polos (short or long sleeve) • Sweaters (crew, turtle, cardigan, V-neck or vests) • Blouses • Skirts (no shorter than 4 inches above the knee) • Dresses (no shorter than 4 inches above the knee) • Trousers • Dress khakis (properly laundered/pressed) • Slip-on or lace-up shoes or boots. Sandals	• Jeans or shorts • Any denim attire (e.g., shirt, pants, jackets, skirts, etc.) • T-shirts, halter tops, spaghetti straps or backless/ revealing clothing • Sweatshirts, sweatpants, leggings or exercise clothing • Running suits/Tracksuits • Wrinkled clothes or clothing with visible tears or holes • Sneakers, running shoes, beach-type sandals • Theme boots (cowboy or motorcycle) • Overly high heels (>4") • Shirts with writing or slogans (except small manufacturers' logos)

3. Dress Code for Working in the GCF Office

Employees are expected to present a neat and tidy appearance when working at the GCF office. They may wear jeans that have no visible holes or tears, and any of the business-casual appropriate tops, such as sweaters, button-down shirts, and blouses, and business-casual appropriate shoes.

5.3 Staff Meetings and Training Events

Regular staff meetings provide the opportunity for employees to come together to learn about each other's projects and accomplishments and to discuss issues of importance to the entire staff. Employees should attend scheduled staff meetings and reschedule all other job duties accordingly.
An employee's supervisor may require the employee to attend training and development sessions, as well as other important GCF events

5.4 Driving

Employees whose position requires driving an automobile are required to have a valid driver's license, provide a copy of it annually to GCF and to have a good driving record. Employees are required to drive the vehicle safely and to prevent the keys from being in Corps Members' or non GCF staffs' possession. Corps Members may not drive vehicles on GCF business. Employees will be reimbursed for all pre-approved GCF related parking expenses such as meters and parking lots. Therefore, parking tickets should be prevented, and employees are personally responsible for paying, within 20 days, any parking tickets or traffic violations they incur while using a vehicle for GCF business.

5.4.1 GCF Automobile Usage Policy

Driver Eligibility:

(1) Only employees with a valid driver's license and good driving record are eligible to operate a GCF vehicle or private vehicle for GCF business purposes.

GCF Corps Members are strictly prohibited from operating any vehicle for GCF business purposes

Vehicle Eligibility:

(2) All vehicles must meet the legal standards for insurance, maintenance, and passenger and driver safety.

Owners of private vehicles are responsible for confirming the safety and operable condition of their vehicle and for submitting all documentation requested by the Director of People Operations.

The Director of People Operations will verify whether GCF drivers and vehicles meet the standards for driver and vehicle eligibility. Requested documentation may includes:

- A valid driver's license
- A copy of driving record/ history
- DMV vehicle inspection history

Use of GCF Vehicles for Business Purposes

(3) Employees may be eligible to drive GCF vehicles for approved business purposes. Approved business purposes include:

- Transporting materials and equipment to and from worksites and event-sites, this includes travel to purchase materials and equipment for work-purposes
- Transportation of staff, Corps Members, and ATEs to approved program activities. For example, an employee may obtain approval to provide transportation to employees attending a GCF-sponsored event. The driver is responsible for confirming that there are enough seatbelts for each passenger.
- Travel required for the servicing and maintenance of GCF vehicles

Approval for Driving GCF Vehicles:

(4) **Employees must be pre-cleared before driving a GCF vehicle.** All employees whose jobs require regular driving of GCF vehicles must submit a copy of their driver's license to the Director of People Operations to be pre-cleared for driving and added to the GCF Automobile Insurance Policy.

(5) Employees are required to inform their supervisors of any changes that may affect their ability to meet the standards of this policy, and may lose their clearance to drive GCF vehicles

Use of Non-GCF Vehicles for Business Purposes

(6) Employees may also request to rent a car for approved business purposes, the cost of the rental must be approved in advance by a supervisor. Supervisors may approve costs for vehicle rentals up to a maximum of $10 per hour and $90 per day for a zipcar, and up to $125 for an overnight car rental.

(7) Employees who wish to use their personal vehicle for approved business purposes must obtain clearance from their supervisor, and may submit a reimbursement form for mileage. Time spent commuting to and from work at the start and end of the day is not eligible for reimbursement.

GCF Safe Driving Requirements

(8) All drivers, whether operating a GCF vehicle, personal vehicle, or rental, are expected to exercise due diligence to drive safely and follow all traffic laws, avoid distractions while driving (such as using cellular telephones), and to maintain the security of the vehicle and its contents.

(9) Employees are responsible for any driving infractions or fines that result from their driving and must report any tickets, citation, and fines to their supervisors.

(10) Employees are not permitted, under any circumstances, to operate a GCF vehicle (GCF rented or owned), or a personal vehicle for GCF business, when any physical or mental impairment causes the employee to be unable to drive safely. This prohibition includes circumstances in which the employee is temporarily unable to operate a vehicle safely or legally because of illness, medication, or intoxication.

Transporting Corps Members

(11) Approved drivers may NOT use GCF, rented, or personal vehicles to provide transportation to Corps Members EXCEPT for approved transportation between worksites.

Parking

(12) Employees using GCF vehicles are responsible for parking the vehicle in a secure location. GCF provides a regular parking location at their 630 Flushing Avenue offices. Employees who choose to park the vehicle in another location are responsible for ensuring the location is secure and that the vehicle is parked legally. Employees will be responsible for fees associated with parking violations.

Repeated parking and driving violations will result in disciplinary action, up to and including employee termination.

Reimbursable Expenses

(13) Employees driving on GCF business may claim reimbursement for parking fees and tolls actually incurred. In addition, employees driving GCF vehicles may claim reimbursement for gasoline and other expenses directly incurred for business purposes. All requests for reimbursement must be approved by the employee's supervisor.

- Parking Fees: up to $25.00 for day rates and $50.00 for overnight parking
- Mileage (includes gas): $0.585 per mile driven for approved work purposes

Reporting Theft or Damage:

(14) Employees must report any accident, theft, damage, breakdown, or mechanical problem involving a GCF vehicle or a personal vehicle used on GCF business to their supervisor and the Finance and Operations Department, regardless of the extent of damage. These reports must be made as soon as possible but no later than twenty-four hours after the incident.

Employees are expected to cooperate fully with authorities in the event of an accident

Tracking Driving Time for Nonexempt Employees:

(15) Time spent by nonexempt employees (those covered by the minimum wage areplacend overtime provisions of the Fair Labor Standards Act) in driving a GCF or personal vehicle on The Corps business during normal working hours is considered hours worked for pay purposes.

Commuting To and From Work Sites

(16) All employees are responsible for arranging their own travel to and from GCF worksites at the start and end of their workday in such a way that they can adhere to the work schedule set forth by the organization. Employees may request travel accommodation under the following circumstances, subject to approval by their supervisor:

- Medical condition or injury, verified by a doctor's note
- The issuance of an official travel advisory due to unsafe travel conditions

All costs for travel between home and GCF worksites are the responsibility of the employee. Commuting time before the start and after the end of the workday is not treated as work time for pay purposes.

5.4.2 Zipcar Policy

Eligibility

All permanent employees, who hold a valid driver's license and have a clean driving record for at least 1 year, are eligible to request the use of a zipcar under the following conditions, and subject to your Managers approval:

- Transport work supplies and materials when the GCF van is in use
- Travel to and from multiple GCF worksites where scheduling or logistics does not allow for the use of public transportation.

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A clean driving record shall mean that the driver should not have been arrested on charges of violating vehicle and traffic laws (e.g.driving under the influence of drugs or alcohol). Clean driving records must be submitted to the Director of People Operations annually. To obtain your NYS DMV record, visit https://dmv.ny.gov/dmv-records/dmv-records.

The GCF Zipcar account may NOT be used to:

- Provide regular transportation to and from worksites as part of a regular commute
- Perform personal errands and non-work related activities
- In lieu of public transportation

GCF retains the right to assign and revoke employee access to the GCF zipcar account, at our discretion. Access may be revoked for the following reasons:

- The driver has failed to comply with Zipcar driving rules
- The driver uses a vehicle for non-approved uses
- Green City Force has exhausted funds available for employee transportation

Requesting Use of Zipcar

- Complete the Zipcar Request Form and submit to your supervisor for their approval and signature. Approving Managers should forward the approved forms to the Director of People Operations at florace@greencityforce.org.
- Approved Zipcar Request forms should be submitted along with the Requester's Driver's License and individuals with expired driver's licenses will not receive approval from People Administration and Operations (PAO).
- After a request has been approved, the Director of Service and/or the Director of People Operations will send the requester "use of zipcar details."

Zipcar Driver Rules

All approved zipcar drivers must adhere to the following:

- Destinations should be confirmed and approved by Approving Managers before traveling in writing
- Drivers must observe and abide by all traffic rules and regulations *i.e. no use of cell phones while driving*
- Zipcars should be locked and secured when parked outside of approved destinations. Zipcar keys, when in route, should never be given to any individual outside of the approved requestor.
- GCF is a drug-free workplace. Smoking and drinking alcohol is prohibited during working hours AND when zipcars are in use.
- Driving expenses should be documented and submitted to your approving manager at the end of the day.
- Damages and injuries should be reported to approving managers and to the Director of People Operations immediately.
- Approved GCF Zipcar drivers are prohibited from granting passengers and/or other individuals access to the zipcars

Personal Use

Approved zipcar drivers are not permitted to use zipcars for personal use. Lunch during working hours is an exception and should be included when completing the Zipcar Request Form. Personal use includes using the zipcar for the personal errands between work activities or using the zipcar beyond approved working hours.

Employees using zipcars for GCF purposes must first be approved and access zipcars through the GCF account. Reimbursement will not be provided to any individual who uses a zipcar through their personal accounts.

5.5 Smoking, Alcohol and Drugs

GCF is a smoke-free office. In keeping with GCF's intent to provide a safe and healthful work environment, smoking and alcohol consumption are prohibited in the GCF office, at all GCF operated program sites and at all sites where an employee is acting as a representative of GCF. GCF strictly prohibits the use of illegal drugs and alcohol in the workplace and prohibits employees from being under the influence of illegal drugs or alcohol while at the workplace. GCF employees will be subject to immediate dismissal if found in possession of or selling or distributing alcohol or illegal drugs on GCF property or while conducting GCF business.

GCF employees are also prohibited from the misuse or abuse of prescription and over- the counter ("OTC") drugs. Employees who are using prescribed or OTC drugs for existing medical conditions must inform the Director of People Operations of such treatment to discuss the necessity of temporary alteration of job duties if, and only if, the drugs (i) may have side effects that could affect job performance or (ii) alter an employee's physical or mental abilities in such a way as to pose an immediate risk of harm to others. Such information will be kept strictly confidential and shall not be disclosed to other parties, including the employee's immediate supervisor, except as necessary to provide the employee with a reasonable accommodation of a disability.

Under the federal Drug-Free Workplace Act, an employee who performs work under a federal government contract or grant must notify GCF of a criminal conviction for drug- related activity occurring in the workplace. This report must be made to the employer within five (5) calendar days of the conviction. GCF is required to notify the appropriate government agency within ten (10) calendar days of receiving notice of the conviction. Appropriate action, including disciplinary action and/or requiring the employee to participate in a drug-abuse assistance or rehabilitation program, may result after GCF receives notice of the conviction.

Nothing in this policy is intended to prohibit the moderate consumption of alcohol at work-related social functions sponsored by GCF or functions attended by GCF employees on GCF's behalf. Moderate consumption of alcohol served at work-related social events is permitted for employees who meet the legal age for consumption of alcohol. Discretion is encouraged where Corps Members are present.

5.6 Confidentiality

GCF Employees will have access to confidential proprietary information and materials related to business, work, projects or investigations of GCF and its donors, employees and Board of Directors. To

protect the interests of GCF, the organizations and the individuals concerned, all employees are required to keep such information and materials confidential at all times, including after termination of employment for any reason, and may not use such information and materials in any manner, except as required in the course of their employment with GCF. These confidential obligations continue and survive the termination of employment with GCF. If an employee has entered into an agreement with GCF with regard to the confidentiality of information and materials, such a Non- Disclosure and Confidentiality Agreement, this policy does not supersede the terms of such agreement.

5.7 Donor Relationships and Privacy

All employee interactions with GCF donors must be consistent with the following principles:

- o GCF respects the privacy of donors and safeguards the confidentiality of information that a donor reasonably would expect to be private.
- o GCF provides donors an opportunity to state that they prefer to remain anonymous and that their names, the amounts of their gifts or other information about the donors not be publicly released.
- o GCF ensures that donors receive appropriate acknowledgment and recognition.
- o GCF honors donor requests to curtail repeated mailings or telephone solicitations from in-house lists.
- o GCF will not sell or rent its mailing list or donor information.
- o Solicitations on behalf of GCF will be free from undue influence or excessive pressure and are respectful of the needs and interests of the donor or potential donor.

5.8 Communication with the Press

Employees may occasionally receive an inquiry from a member of the press or other media regarding GCF activities. Employees should direct the members of the press or other media to the Executive Director of GCF or their designee, and not attempt to respond to such inquiries.

5.9 Property

GCF property must be used in the manner for which it was intended. GCF property, such as equipment, vehicles, telephones, computers and software are intended for business use.

Any communications using GCF's domain name, including email, made via any internal or local area networks, the Internet or the World Wide Web are the property of GCF. All files, records, documents, books, papers, drawings, sketches, communications and similar items and materials, whether written, electronic, digital or other format, accumulated, produced or relating to the operations of GCF are the exclusive property of GCF. All such GCF items should be treated with care and proper attention should be given to all administrative routing, filing and storage systems.

Upon termination or request, employees are required to surrender any GCF property they possess.

All copyrights or other intellectual property resulting from work performed by employees on behalf of GCF belong to GCF and are its property. Employees who perform work that is not GCF-related on their own time may retain copyright and ownership of that work.

5.9.1 Key Control Policy

Purpose

The purpose of the Key Control Policy is to protect the property and privacy of Green City Force, and of employees, CMs, Ecohub and Youth Development Fellows assigned to use the GCF offices and Ecohub sites, by ensuring there is appropriate staff coverage at all times and limiting access to such facilities to assigned individuals and to their Supervisors. The Director of People Operations is responsible for managing the distribution of office and Ecohub site keys.

Scope

This policy applies to all Green City Force employees, Ecohub and youth development fellows, contractors and consultants. It applies to all GCF offices and Ecohub sites.

Eligibility: only permanent employees are eligible to receive a GCF key. There must be a permanent GCF employee on site for all other employees, interns, fellows, contractors and consultants to access the site.

Issuing Keys

Keys to GCF offices and Ecohub sites will be issued to permanent Green City Force employees with the approval of the appropriate Approving Manager, and as part of their official GCF onboarding. Each distributed key will be logged. No key shall be transferred from one person to another without being returned to the Director of People Operations. The employee to whom keys will be issued must pick up and sign for them at the Green City Force office 630 Flushing Avenue Brooklyn NY 11206.

Duplication

All keys referred to in this policy are the property of Green City Force and are not to be duplicated by anyone other than the Director of People Operations. Duplication of a key, or the possession of an unauthorized duplicate, may result in disciplinary action.

Key Retrieval

Upon termination/separation of employment, all keys must be returned immediately to the Director of People Operations. Failure to return keys upon termination/separation may result in holding the individual responsible for the cost to rekey a GCF office or Ecohub site if they do not return their key(s) prior to leaving. Failure to return issued key(s) will result in a maximum of a $50 fee per key, to be deducted from their final paycheck.

Request Procedures

All office and Ecohub site key requests should be included on the Notification of Hire Personnel Action Form and submitted to the Director of People Operations. Personnel Action Forms need final approval from Approving Managers.

Enforcement

All approving managers, along with the Director of People Operations, shall ensure that keys are not issued to unauthorized individuals. The Director of People Operations shall:

- ensure that key requests and all appropriate authorizations have been obtained prior to issuing keys.
- implement and maintain appropriate procedures to ensure that all keys issued are accounted for, and securely deposited in a lock box or Keywatcher unit when not in use.

Lost or Stolen Keys

Lost or stolen keys must be reported to the Director of People Operations within 24 hours of the discovery of the loss or theft. A replacement key may be issued at cost to the individual.

Key Distribution Authorized Approvers

Department	**Approving Manager**
Career Services	Chief Program Officer
Development	Director of Development
Finance	Director of Finance
People Administration and Operations	Chief Administrative Officer
Service / Support Services	Chief Program Officer / Director of Support Services
Social Enterprise	Chief Program Officer / Director of Service

5.10 Technology

Please be advised that as an employee of GCF, you have NO RIGHT TO PRIVACY for any information placed upon GCF's computer system or sent through or to the GCF email system. GCF cell phones, computers, Internet and emails are a privileged resource, and are intended to be used to complete essential job-related functions. Personal use must be kept to a minimum and must not interfere with work responsibilities. Employees are not permitted to download any "pirated" software, files, apps or programs and must receive permission from a supervisor before installing any new software on a GCF computer.

Employees are prohibited from using GCF's systems to conduct any illegal, fraudulent or criminal activity. Employees are prohibited from using GCF's systems to conduct political activity. Files or programs stored on GCF computers may not be copied for personal use. GCF may monitor, access and review any and all information and use it if it deems it appropriate to do so. GCF may also terminate personal use of these communications and office equipment at any time at its discretion.

Good judgment should be used in using GCF's electronic and other communications systems and creating messages that are transmitted over them, as they reflect on our reputation and may have to be produced to the government or others outside the organization. Employees should have no expectation of privacy in their use of GCF computers or other electronic equipment. Employees should assume that any communication might be read or listened to by someone other than the intended recipient, either for legitimate business purposes or inadvertently. Phones are provided for business use. Personal long distance calls are not permitted.

5.11 Social Networking

GCF respects the right of employees to participate in social networking activities or to use or maintain a Twitter, Facebook, Pinterest or other social media account, or to blog, post to wikis or engage in other social media.

However, in order to protect our public image and to protect itself from unauthorized disclosure, GCF requires employees to follow the following guidelines:

- Employees must keep personal social networking separate from social networking on behalf of GCF, and should take care to avoid any implication that GCF has authorized personal communications. Employees are solely responsible for their own personal postings.
- Unless specifically instructed, employees are not authorized and therefore may not speak on behalf of GCF. When an employee is expressing her/his opinion on personal blogs or other social networking sites, the employee should not identify herself/himself as an employee of GCF to avoid being viewed as a spokesperson for GCF. If you refer to the work done by GCF or provide a link to a GCF website, you are required to include a disclaimer in a reasonably prominent place, such as: "The views expressed on this post are mine and do not necessarily reflect the views of Green City Force." If contacted by the media or press, the employee is required to notify the Executive Director immediately.
- Employees may not disclose nonpublic information concerning GCF's employees, Board members, donors, program, structure, financial information or any work- related matters, whether confidential or not, outside company-authorized communications.
- Employees cannot use blogs or social networking sites to harass, threaten, discriminate or disparage against anyone.
- Employees cannot use the Green City Force name or logo, unless for work- related purposes explicitly authorized by GCF. Your postings must respect copyright, privacy, fair use, financial disclosure and other applicable laws.

- o Employees cannot post photographs of other employees, partners, Board members or Corps Members, nor can employees post photographs of persons engaged in GCF business or at GCF activities/events without authorization from the individual involved and the Executive Director or her/his designee.
- o GCF requests that you exercise good judgment in your postings and that you are respectful of GCF, its employees, Corps Members, partners and others. As you participate or use any of these sites, please recognize that anything attributed to you easily enters the public domain and has the potential to be viewed by unintended audiences and reposted on another site out of context. Your postings essentially can last forever.

Any employee found to be in violation of GCF's social networking policy will be subject to disciplinary action up to and including termination. GCF also reserves the right to take legal action where necessary against employees who engage in prohibited or unlawful conduct.

5.12 Modeling Sustainability in the Office & When Representing GCF

GCF supports environmental awareness by encouraging environmental sustainability in our business practices and operating procedures. This support includes a commitment to the purchase, use and disposal of products and materials in a manner that will best utilize natural resources and minimize harmful impact on the earth's environment. The simple act of placing a piece of paper, can or bottle in a recycling container is the first step to reducing demand on the earth's limited resources. Success of this program depends on active participation by all of us. Each employee should consider thoughtfully what practices they could incorporate into their daily lives in order to mitigate climate change and the degradation of our natural resources.

Employees are encouraged to model sustainability through such workplace practices as:

- o Review of information, when available, through the use of the computer network, instead of printing on paper
- o Two-sided printing and photocopying
- o Computerized business forms
- o Reusing office supplies such as paper clips, folders and binders
- o Reusing packing materials
- o Utilizing reusable kitchenware, such as mugs, cups, plates and utensils, instead of one use disposable products
- o Turning off lights when not in use
- o Not running water unnecessarily
- o Unplugging appliances and computers from electrical sockets when not in use o Composting organic materials

6. WORKPLACE POLICIES AND PROCEDURES

6.1 Open Door Policy

GCF has a policy that encourages your participation in decisions that affect you and your daily professional responsibilities. GCF values each employee and strives to provide a positive work experience. If you have job-related concerns or complaints, GCF encourages you to discuss them with your supervisor, or a senior member of management, or the Executive Director.

6.2 Cooperative Dialogue

Green City Force shall engage in cooperative dialogue with all persons requesting accommodation for religious needs; related to a disability; related to pregnancy, childbirth or a related medical condition; or for such a person's needs as a victim of domestic violence, sex offenses or stalking. This means that the organization will engage, in good faith, in a written or oral dialogue concerning a staff member's accommodation needs; potential accommodations that may address the accommodation needs, including alternatives to a requested accommodation; and the difficulties that such potential accommodations may pose for GCF, including whether or not an employee can satisfy the requirements of their position.

Requests for accommodation should be submitted, in writing, to the Director of People Operations (DPO). Once a request is received, the DPO will begin the cooperative dialogue process within a reasonable time frame of no more than five (5) business days. During this process, the employee may be asked to provide documentation to substantiate the request, an example of this would be a doctor's note outlining the condition requiring an accommodation, recommended accommodation types and duration. Once a final determination is made, the employee will be notified in writing.

A determination regarding an accommodation request can only be made after engaging in cooperative dialogue, all of which must be documented in writing.

6.3 Inclement Weather and Emergency Closings

In the event of extreme weather conditions and other emergencies, the Executive Director will determine whether or not to close the GCF office. GCF will attempt to provide email notice of a closure in a timely fashion. Employees sent home or told by GCF not to report to work will be paid if they were expected to work on that day.

Employees are expected to use their best judgment about whether or not they can commute safely to their work location and to notify their supervisor if they will be delayed or unable to travel so that alternative coverage can be planned.

6.4 Reimbursement

Employees will be reimbursed for reasonable and appropriate pre-approved expenses incurred in the course of GCF business. These expenses must be pre-approved by the employee's approving manager and may include, but are not limited to, conference fees, business travel expenses, meals or project supplies. Employees are expected to exercise restraint and good judgment when incurring expenses and should contact their supervisor in advance if any question arises regarding whether an expense will be reimbursed.

Employees will be reimbursed for the following: Round-trip economy airfare, hotel expenses and meals up to $65 per day.

All reservations for business trips must be approved in advance by the employee's approving manager. Any changes to the trip reservations due to work reasons need to be approved by the approving manager. Any fees incurred due to any changes to the trip reservations due to personal reasons will be the responsibility of the employee to pay.

Reimbursable business expenses must be accurately reported and supported by receipts. Those responsible for the handling or disbursing of funds must assure that all transactions are executed as authorized and recorded to permit the preparation of GCF's financial statements. Employees must request reimbursement using an official GCF Expense Reimbursement Form and provide supporting documentation. Such reimbursement will be made no later than 15 days after the date the expense reimbursement request was submitted.

6.5 Personnel Files

GCF maintains a personnel file on each employee. All personnel files are the property of GCF and access to these files is restricted. These files are kept confidential to the extent possible. Employees may review their personnel file upon request.

It is important that personnel files accurately reflect each employee's personal information. Employees are expected to inform GCF of any change in name, address, home phone number, home address, marital status, number of dependents or emergency contact information.

6.6 Hiring of Relatives

In order to avoid conflicts of interest or the perception of favoritism, relatives of persons currently employed by GCF may not be employed to work directly for, or supervise a relative, or occupy a position in the same line of authority within the organization. In other cases where a conflict or the potential for conflict arises, even if there is no supervisory relationship involved, the parties may be separated by reassignment or terminated from employment.

If the relative relationship is established after employment, the individuals concerned will notify management, who will then decide whether a transfer or termination of one of the affected employees is appropriate.

For the purpose of this policy, a relative is any person who is related by blood or marriage, or whose relationship with the employee is similar to that of persons who are related by blood or marriage. Exceptions to these rules may only be modified by the Executive Director with Board of Directors' approval where appropriate.

7. WORK PERFORMANCE AND REVIEW

Employees will receive performance appraisals following their 90-day introductory period and annually thereafter.

The performance appraisal is a formal dialogue between an employee and their supervisor, along with management staff as appropriate. The purpose of the performance appraisal is to:

- o maximize communication between the supervisor and employee about job performance;
- o discuss how the employee is performing on the job;
- o discuss job and performance expectations; and
- o discuss steps for corrective or supportive action, if necessary

Performance appraisals will be conducted using a standardized form. The employee and their supervisor will complete the form and will meet to discuss the appraisal. These discussions will result in a final performance appraisal that becomes part of the employee's personnel records. The Board of Directors of GCF will conduct performance reviews of the Executive Director.

In addition to the formal review process, supervisors and employees are strongly encouraged to discuss job performance and goals informally at any time.

7. 1 Professional Development Staff Training Fund Policy

As a people-powered organization, Green City Force values the continuous development, skill-building, and improvement of our workforce. The organization is committed to providing internal training and professional development opportunities to support the growth of our staff, in addition to dedicating funding for external training and certifications. The Green City Force Staff Training Fund (STF), provides funding up to $1,000 per fiscal year (July 1 - June 30) to be applied toward approved professional development training and certifications.

Supervisors are responsible for assessing and communicating professional development and training needs of individual employees in their direct reporting line, identifying and actively encouraging and supporting appropriate learning experiences. This may happen during the formal performance review, or as needs/ opportunities arise.

Professional development commitments should be planned for in a way that does not interfere with an employee's ability to meet their deliverables or perform key tasks. Employees will still be expected to meet their deadlines and professional commitments.

Eligibility: all Full-Time Permanent Employees who have been with the organization for at least one year are eligible to access the Professional Development and Training Funds.

Funding limits: eligible employees may access up to $1,000 in PD training funds per fiscal year. These funds may be applied toward a single opportunity, or to multiple opportunities, not to exceed $1,000. Fund will expire at the end of the fiscal year and may not be rolled over to the next fiscal year.

Employees will specify how the training will be paid for using this form.

- If the employee is paying for the training and requesting reimbursement from GCF, they must provide confirmation of payment and complete the employee reimbursement form. This form should then be sent to the Finance Department for processing.
- If the employee would like GCF to pay for the training directly, they must understand that GCF will only be able to pay up to $1,000, and they will need to provide payment for any balance leftover.

Regardless of payment format, employees will be responsible for any costs or fees associated with the training that exceed $1,000.

Eligible training:

PAO will provide all employees with a list of potential training that are STF eligible. In addition to the list provided by PAO, employees may request a training that meets the following eligibility criteria:

- Any training is directly connected to an eligible employee's ability to fulfill their job responsibilities and expectations OR that will enhance an eligible employee's ability to advance within Green City Force OR at another organization within their chosen field.* This may include
    - Public speaking and group facilitation
    - Data collection and analysis
    - Software-specific or technical training such as GIS and graphic-design

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- Training that builds on GCF's commitment to Equity, Inclusion and Diversity, including Anti-Racism and Anti-Oppression trainings
- Training related to financial literacy and long-term finance planning

**Employees may occasionally be required to obtain certain certifications in order to be licensed/ eligible to perform their work functions, e.g. BPI certification and SHRM licensing. In these cases, supervisors may recommend that the training costs be covered by the organization, without drawing down on an individual's professional development training funds.*

Requesting Professional Development Training and Schedule Adjustments

Eligible Employees:

- Eligible employees may proactively identify and recommend training opportunities that they believe will address critical skill/ knowledge gaps at any time during the fiscal year.
- Eligible employees are to identify the training, review schedule and pricing, and make an informed request using this form. PAO will collect the forms and send them to the appropriate supervisor and confirm availability of funds with finance.

Supervisor Approvals

- Please provide your supervisor with ample time to make an informed decision, especially if the training requires a schedule change. A best practice is to request at least 1 months notice.
- Upon receiving and reviewing the request for funds from their report, supervisors must confirm their approval with PAO.
- As part of the approval process, supervisors need to plan for and allow appropriate professional development and training activities that occur as part of work-time. Any schedule adjustments to accommodate professional development and training activities must be approved by the supervisor.

Professional development and scheduling for non-exempt employees

- Professional development and training activities outside of and in addition to regular work hours for non-exempt employees require written approval in advance if the activities are to be considered as regular work.
- Whether or not training counts toward hours worked will depend on the training, and is at the discretion of the organization. For example, employees may wish to enroll in a driver's education class. If their job does not explicitly require them to drive as part of the day to day responsibilities of the position, the driving class would not count toward hours worked and they will not be paid for those hours.
- PD opportunities that push regular work hours over 40 hours per week may not be approved, since they will also require overtime payments to the employee.

Professional development and scheduling for non-exempt employees

- Non-exempt employees may track approved training time on their regular timesheet (an updated template will be sent out)
- Non Exempt employees will not be eligible for overtime compensation if their total hours worked, including approved PD, exceeds 40 hours per week.

8. INTERNAL COMPLAINT AND GRIEVANCE POLICY

GCF is committed to providing the best possible working conditions for its employees. Part of this commitment is encouraging employees to bring concerns, problems and grievances to the attention of their supervisor, or if the case may necessitate, to the Director of People Operations.

This process may be superseded by a Grievance Procedure mandated by the New York State Commission for National and Community Service. In such cases, employees will be notified in writing.

GCF will give employees the opportunity to resolve problems and complaints through a fair and impartial process without fear of reprisals. An employee who has a complaint about another employee or her/his supervisor, or a supervisor who has a complaint about an employee, should attempt to resolve the issue within 5 business days of the occurrence giving rise to the complaint. If the complaint is not resolved through informal discussion within 5 business days, the employee or supervisor making the complaint must document the complaint in writing. A copy of the complaint must be submitted to the employee or supervisor who is the subject of the complaint, with a copy given to the Director of People Operations. The Director of People Operations will respond to the written complaint within 10 business days after receipt of the complaint. All parties involved must be copied. If the problem is raised with the Executive Director, her/his decision is final, conclusive and binding. If the complaint is about the Executive Director or the Executive Director initiates the complaint, the Board of Directors will respond.

For procedures with respect to complaints alleging sexual harassment, see GCF's Policy Prohibiting Harassment at Section 3.13 of this Handbook.

For procedures with respect to violations of GCF's Ethics Policy or suspected violations of law or regulations, see GCF's Whistleblower Policy at Appendix C to this Handbook.

9. DISCIPLINE AND TERMINATION

9.1 Discipline Policy

GCF seeks to ensure fair treatment of all employees and that disciplinary actions are prompt, informed and impartial. The major purpose of any disciplinary action is to correct the problem, prevent reoccurrence and prepare the employee for satisfactory service in the future. You are expected to

conform to certain standards of conduct, work performance, attendance and other work rules and regulations (many of which are highlighted in this handbook). If a problem in these areas arises, your supervisor will provide feedback and try to work with you to develop a mutually effective solution. However, if attempts at a mutually effective solution are unacceptable, disciplinary actions may be taken, up to and including termination of employment.

Progressive discipline means that, with respect to most disciplinary problems, these steps will be followed:

1. Verbal Warning
2. Written Warning
3. Suspension with or without pay
4. Termination of employment depending on the severity of the problem and number of occurrences.

There may be circumstances when one or more of the above steps are bypassed when employee actions are serious enough to justify either a suspension or termination of employment without going through the usual progressive discipline steps.

By using progressive discipline, GCF hopes that most employee problems can be corrected at an early stage, benefiting both the employee and GCF. However, GCF reminds employees that their employment is at will and can be terminated at any time, with or without cause. The procedures set forth in this section are not mandatory and do not provide to any employee any contractually enforceable disciplinary procedure.

9.2 Resignation

Any employee voluntarily terminating employment should submit a letter of resignation stating the effective date of their resignation. The letter should be submitted to the Director of People Operations and their supervisor giving GCF advance written notice of their intent to resign as follows: two (2) weeks' notice for non-exempt employees and four (4) weeks' notice for exempt employees.

During the time between the notification of resignation and the employee's leave date, the employee is expected to continue their regular duties and assist in the process of recruiting their replacement, unless otherwise determined by their supervisor.

9.3 Abandonment of Job

Employees who miss work for 3 consecutive business days without notifying their supervisor are considered to have resigned from their jobs.

9.4 Final Pay

Employees who leave GCF for any reason will receive all pay that may be due to them at the time of their separation from employment. Employees will not be paid for any unused accrued PTO days.

9.5 Return of Property

Upon termination of employment for any reason, either by the employee or GCF, employees are required to surrender to GCF any materials containing confidential proprietary information, keys, identification and any other property or information of GCF in their possession.

10. ADDITIONAL POLICIES

Green City Force's policies, information, and forms with regard to Equal Opportunity, Non Discrimination and Affirmative Action; Drug-Free Workplace; Whistleblower and Document Retention, Paid Family Leave and Sexual Harassment are attached as Appendices A, B, C, D, E, and F respectively, to this handbook. Additionally, each employee will be provided with a GCF Corps Member Manual. It is the responsibility of all employees to read, understand and follow these policies.

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Appendix A – Equal Opportunity, Non-Discrimination and Affirmative Action Policy

Green City Force complies with, and expects that those institutions, individuals and organizations with whom it deals will comply with, all applicable federal, state and local laws, policies, orders, rules and regulations which prohibit unlawful discrimination or are designed to implement equal opportunity and affirmative action.

Green City Force is fully committed to equal opportunity and treatment for all employees, applicants for employment, volunteers, beneficiaries and contracting parties of Green City Force programs and services without regard to race, creed, color, national or ethnic origin, sex, religion, age, disability, political beliefs, sexual orientation, gender identity or expression, genetic information, veteran, marital or family status, or any other factor that the law protects from employment discrimination. Green City Force makes decisions concerning employees, applicants, volunteers and beneficiaries based on their qualifications and ability to contribute to the Green City Force mission, programming objectives and institutional needs.

Green City Force strives to foster equal economic opportunity by working with employees, applicants for employment, volunteers, beneficiaries and contracting parties to enable the inclusion of minorities, women and minority- and women-owned business enterprises when possible in the economic opportunities generated by Green City Force's programs and services. Green City Force further strives to treat all members of each community in which it operates with respect, to provide an environment conducive to working as a team, and to ensure equal access to its programs and opportunities. Unless otherwise determined by the Board of Directors, Green City Force's Executive Director or their designate is responsible for ensuring compliance with this policy.

Appendix B – Drug-Free Workplace Policy

Green City Force is firmly committed to the health and safety of its employees, volunteers and the public. Green City Force considers the influence of drugs in the workplace to be detrimental to its employees and volunteers and to its continued growth and future success. The organization is committed to maintaining a drug-free workplace, and, to ensure compliance with the Drug-Free Workplace Act of 1988, adopts the following Drug- Free Workplace rules and regulations:

1. The unlawful manufacture, distribution, dispensation, sale, purchase, use, influence or possession of non-prescribed narcotics, hallucinogenic drugs, marijuana or other non prescribed controlled substances or possession of paraphernalia related to the use of such substances on Green City Force premises, while working or during work hours is prohibited.
2. An employee should report to her/his supervisor her/his use of any substance that could affect the employee's or other's safety or the employee's ability to perform her/his job. The supervisor will attempt to work with the employee to support her/his treatment process.
3. All employees must notify Green City Force of any criminal drug statute conviction within five calendar days after the conviction. Appropriate corrective action will be taken based on the facts of the particular situation.
4. Adherence to the Green City Force Drug-Free Workplace policy is a condition of employment for all employees and volunteer opportunities for all volunteers.
5. If an employee or volunteer engages in conduct in violation of this policy, appropriate disciplinary action, up to and including termination and legal action, including notifying local authorities in order that legal action can be taken against the individual, may be taken immediately.

Appendix C – Whistleblower Policy

Green City Force Inc. ("GCF") requires its directors, officers, employees and Corps Members to observe high standards of business and personal ethics in the conduct of their duties and responsibilities, to practice honesty and integrity in fulfilling their responsibilities, and to comply with all applicable laws and regulations. For the purposes of this Whistleblower Policy, the foregoing sentence shall be referred to as the "GCF Ethics Policy."

Reporting Responsibility

This Whistleblower Policy is intended to encourage and enable directors, officers, employees, volunteers, Corps Members and others to raise serious concerns internally so that GCF can address and correct inappropriate conduct and actions. It is the responsibility of all directors, officers, employees, Corps Members and volunteers to report concerns about violations of GCF's Ethics Policy or suspected violations of law or regulations that govern GCF's operations.

No Retaliation

It is contrary to the values of GCF for anyone to retaliate against any director, officer, employee, Corps Member or volunteer who in good faith reports an ethics violation, or a suspected violation of law, such as a complaint of discrimination, or suspected fraud, or suspected violation of any regulation governing the operations of GCF. Any person who retaliates against someone who has reported a violation in good faith is subject to discipline up to and including termination of employment.

Reporting Procedure

GCF has an open door policy and suggests that Corps Members, employees, officers and volunteers share their questions, concerns, suggestions or complaints with their supervisor. If you are not comfortable speaking with your supervisor or you are not satisfied with your supervisor's response, you are encouraged to speak with GCF's Executive Director. Supervisors and managers are required to report complaints or concerns about suspected ethical and legal violations in writing to GCF's Executive Director, who has the responsibility to investigate all reported complaints. Employees and Corps Members with concerns or complaints may also submit their concerns in writing directly to their supervisor or GCF's Executive Director.

Executive Director

GCF's Executive Director is responsible for ensuring that all complaints about unethical or illegal conduct are investigated and resolved. GCF's Executive Director will advise the Audit Committee of all complaints and their resolution and will report at least annually to the Audit Committee on compliance activity relating to accounting or alleged financial improprieties.

Accounting and Auditing Matters

GCF's Executive Director shall immediately notify the Audit Committee of any concerns or complaint regarding corporate accounting practices, internal controls or auditing and work with the committee until the matter is resolved.

Acting in Good Faith

Anyone filing a written complaint concerning a violation or suspected violation must be acting in good faith and have reasonable grounds for believing the information disclosed indicates a violation. Any allegations that prove not to be substantiated and which prove to have been made maliciously or knowingly to be false will be viewed as a serious disciplinary offense.

Confidentiality

Reports of violations or suspected violations may be submitted on a confidential basis by the complainant. Such reports will be kept confidential to the extent possible, consistent with the need to conduct an adequate investigation.

Handling of Reported Violations

GCF's Executive Director will notify the person who submitted a complaint and acknowledge receipt of the reported violation or suspected violation.

Executive Director Tonya Gayle Green City Force Inc. tonya@greencityforce.org

Violations involving GCF's Executive Director

Notwithstanding anything to the contrary herein, any complaint involving GCF's Executive Director should be submitted to any member of the Audit Committee. Contact information for the Audit Committee is listed on Annex A. The Audit Committee will notify the person who submitted a complaint and acknowledge receipt of the reported violation or suspected violation.

All reports will be promptly investigated and appropriate corrective action will be taken if warranted by the investigation.

Distribution of Whistleblower Policy

GCF will distribute this Whistleblower Policy to all directors, officers, employees, and Corps Members (including to each new staff employee as part of the Employee Handbook) and volunteers who provide substantial services to GCF, and will make it available electronically as well as redistribute it to directors and officers annually in connection with GCF's audit.

Policy approved by the Board of Directors on July 1, 2014.

* * *

ANNEX A

Contact Information for the Audit Committee

Matthew Nimetz: Ex. 6 - Personal Privacy (PP)

Timothy Bradley: Ex. 6 - Personal Privacy (PP)

Lucian Cohen: Ex. 6 - Personal Privacy (PP)

Alyson Augustin: aaugustin@cityyear.org

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Appendix D – Document Retention Policy

There are legal requirements and business reasons to preserve records. For example, state and federal laws may require that any record that is relevant to an actual or reasonably foreseeable litigation, proceeding or investigation must be preserved. Failure to preserve records when legally required to do so can result in civil or criminal penalties and complicate civil matters.

Whether something is a record that needs to be preserved is based on its content, not its physical form. Any record that, in an employee's judgment, there is a legal or business reason to preserve should be maintained.

From time to time Green City Force may establish document retention or destruction policies or schedules for the destruction of specific categories of records in order to ensure legal compliance, and also to accomplish other objectives, such as preserving intellectual property and cost management. Green City Force must also abide by certain document retention policies as described in agreements with AmeriCorps, both federal and state. It is each employee's obligation to be aware of, and abide by, any such policies.

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Appendix E – Paid Family Leave – Frequently Asked Questions

1. How is Paid Family Leave and FMLA different?

	PAID FAMILY LEAVE	FMLA
Benefits	PAID	UNPAID
Coverage	Most private employers Public employers may opt in One or more employees	Public and private employers 50 or more employees in a 75-mile radius
Eligibility	After 26 consecutive weeks of employment if regularly working 20 or more hours per week After 175 days worked if regularly working less than 20 hours per week	12 months of employment 1,250 hours of work in the 12-month period preceding leave
Reason for Leave	Employees cannot use for own serious health condition Can be used to care for a child of any age	Employee can use for own serious health condition Can only be used to care for a child if the child is under 18 years old, or "incapable of self-care because of a mental or physical disability"
Length of Leave	Only in full-day increments	Hourly basis
Paid Time Off	Employers cannot require employees use paid time off while on PFL	Employers can compel an employee to use paid time off while on FMLA

2. Will PTO time count as a qualifying work day/days for eligibility for PFL?

Yes

3. Can I be eligible for both Short-Term Disability Benefits and PFL?

Employees with an injury or illness not related to their job may be eligible for short-term disability benefits. Paid Family Leave does not replace disability benefits coverage.

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After giving birth, new mothers may be eligible for both short-term disability benefits and Paid Family Leave. While the two benefits **cannot be taken at the same time**, eligible employees can choose how they can use both benefits to support the needs of their families.

For example, if a new mother qualifies for short-term disability after giving birth, she can choose to:

- Immediately take all or any portion of her available short-term disability weeks and then take Paid Family Leave at any time within the first 12 months; or,
- Take Paid Family Leave immediately, without taking any short-term disability.

When making these decisions, it may be important to consider that while Paid Family Leave offers job protection, short-term disability does not.

There may be other times when an employee needs to use both short-term disability and Paid Family Leave in the same year for different qualifying events. In all cases, employees cannot take more than 26 weeks of combined short-term disability and Paid Family Leave benefits in a 52-week period.

If an employee plans to use both short-term disability and Paid Family Leave, the employee must complete a separate request for each. These are separate benefits, which cannot be taken at the same time, and require separate documentation from the employee and employer.

Appendix F – Green City Force Mandatory COVID-19 Vaccination Policy

Effective October 25, 2021

Background: *Mayor DeBlasio announced on October 20, 2021 the requirement for city workers to be vaccinated by November 1, 2021. The New York City Health Commissioner issued an order rescinding the Mandatory COVID-19 Vaccination and Testing policy AND implementing a* ***Mandatory Vaccination Policy*** *for NYC workers and agencies AND agencies that contract for human services contracts.* ***Green City Force receives a significant amount of funding from the City of New York and is covered by this requirement.***

The Order of the Commissioner of Health and Mental Hygiene to require COVID-19 Vaccination for City Employees and Certain City Contractors requires that employees and contractors (including employees, subcontractors, and volunteers) of a city agency provide the agency or office where they work (Green City Force) with proof of vaccination (at least one dose) by 5:00pm on October 29, 2021. ***Green City Force receives a significant amount of funding from the City of New York and is covered by this requirement.***

Green City Force's Mandatory COVID-19 Vaccination Policy may be updated periodically to better address the health and safety needs of our employees, contractors, Corps Members, and Eco-Hub fellows, and based on requirements from the City of New York.

Policy:

Effective immediately, all Green City Force Employees, Alumni Temporary Employees, and Eco-Hub Fellows, Corps Members, and volunteers are required to submit proof of the following by October 29, 2021, no later than 5pm:

- they have been fully vaccinated against COVID-19; or
- they have received a single-dose COVID-19 vaccine, even if two weeks have not passed since they received the vaccine; or
- they have received the first dose of a two-dose COVID-19 vaccine series

Any employee, subcontractor, and volunteer who received only the first dose of a two-dose vaccine at the time they provided the proof described above, within 45 days after receipt of the first dose, provide proof that they have received the second dose of vaccine.

Vaccine documentation: All individuals who have received at least one dose of the Johnson and Johnson, Moderna, or Pfizer-BioNTech vaccine must submit proof of their vaccination to the Director of People Operations, Florace Alleyne by emailing COVIDSafe@greencityforce.org. Please include your first and last name and "Proof of Vaccination" in the subject line: Example: *Florace Alleyne Proof of Vaccination*

ACKNOWLEDGMENT FORM

The Green City Force Employee Handbook (the "Handbook") describes important information about GCF. I, _____, acknowledge that I have received the Handbook and that the information contained in the Handbook does not create an employment contract between Green City Force and me.

I understand that it is my responsibility to read the Handbook and consult my supervisor regarding any questions I may have regarding the personnel policies and practices of Green City Force that are not answered in the Handbook. I have entered into my employment/volunteer relationship with Green City Force voluntarily and acknowledge that, unless I have a separate written employment contract with Green City Force that states otherwise, my employment/volunteer term is not specified. Accordingly, subject to any such separate written employment contract, either I or Green City Force can terminate the relationship at-will, with or without cause, at any time.

Because the personnel policies and practices described in the Handbook are subject to change, I acknowledge that revisions to the Handbook may occur at any time. All such changes will be communicated through official notices, and I understand that revised information may supersede, modify or eliminate existing personnel policies and practices. Only the Executive Director or her/his designate has the ability to adopt any revisions to the personnel policies and practices in the Handbook.

I acknowledge that the Handbook is not a contract of employment. No provisions of the Handbook constitute legal or contractual obligations of Green City Force and Green City Force is free to change any provision at any time at its sole discretion. I have received the Handbook and I understand that it is my responsibility to read and comply with the personnel policies and practices contained in the Handbook and any revisions made to it that are communicated to me through official notices.

NAME: _____

SIGNATURE: _____

DATE: _____

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Groundwork Elizabeth

Address: 205 First Street
c/o Elizabeth Development Company

City: Elizabeth

State: NJ: New Jersey Zip Code: 07206

B. Unique Entity Identifier (UEI): LCKUAJLB5TG8

C. Applicant/Recipient Point of Contact

Name: Jonathan Phillips

Phone: Ex. 6 Personal Privacy (PP)

Email: elizabethnj@groundworkusa.org

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☒ Yes ☐ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☐ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☐ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☐ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Jonathan Phillips	Executive Director, Groundwork Elizabeth	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Jonathan | Middle Name:
Last Name: Phillips | Suffix:

Title: Executive Director

Complete Address:

Street1: 205 First Street
Street2:
City: Elizabeth | State: NJ: New Jersey
Zip / Postal Code: 07206-1801 | Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:** Redacted

E-mail Address: elizabethnj@groundworkusa.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: | Middle Name:
Last Name: | Suffix:

Title:

Complete Address:

Street1:
Street2:
City: | State:
Zip / Postal Code: | Country:

Phone Number: | **Fax Number:**

E-mail Address:

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: | Middle Name:
Last Name: | Suffix:

Title:

Complete Address:

Street1:
Street2:
City: | State:
Zip / Postal Code: | Country:

Phone Number: | **Fax Number:**

E-mail Address:

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: First Name: Middle Name:

Last Name: Suffix:

Title:

Complete Address:

Street1:

Street2:

City: State:

Zip / Postal Code: Country:

Phone Number: **Fax Number:**

E-mail Address:

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier: NJ

8. APPLICANT INFORMATION:

* a. Legal Name: Groundwork Elizabeth

* b. Employer/Taxpayer Identification Number (EIN/TIN): 56-2397106

* c. UEI: LCKUAJLB5TG8

d. Address:

* Street1: 205 First Street
Street2: c/o Elizabeth Development Company
* City: Elizabeth
County/Parish: NJ
* State: NJ: New Jersey
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 07206-1801

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Jonathan
Middle Name:
* Last Name: Phillips
Suffix:

Title:

Organizational Affiliation: Groundwork Elizabeth

* Telephone Number: Ex. 6 Personal Privacy (PP)
Fax Number:

* Email: elizabethnj@groundworkusa.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

1234-Groundwork Elizabeth Areas affected by | Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

The Elizabeth N.J. Clean Air Project Expands: A Community-led Collaborative in an Overburdened Port City to create a Replicable Air Quality Dashboard and Engagement Plan.

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: NJ-08 | * b. Program/Project: NJ-08

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 | * b. End Date: 10/30/2026

18. Estimated Funding ($):

* a. Federal	499,950.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	499,950.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Mr. | * First Name: Jonathan

Middle Name:

* Last Name: Phillips

Suffix:

* Title: Executive Director, Groundwork Elizabeth

* Telephone Number: Ex. 6 - Personal Privacy (PP) | Fax Number: Ex. 6 - Personal Privacy (PP)

* Email: elizabethnj@groundworkusa.org

* Signature of Authorized Representative: Jonathan Phillips | * Date Signed: 04/14/2023

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

The Elizabeth N.J. Clean Air Project Expands: A Community-led Collaborative in an Overburdened Port City to create a Replicable Air Quality Dashboard and Engagement Plan.

Application
New
2023-04-14
NJ
Groundwork Elizabeth
56-2397106
LCKUAJLB5TG8
205 First Street
c/o Elizabeth Development Company
Elizabeth
NJ
NJ: New Jersey
07206-1801
USA: UNITED STATES

Jonathan
Phillips

Groundwork Elizabeth
Ex. 6 Personal Privacy (PP)
elizabethnj@groundworkusa.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
1234-Groundwork Elizabeth Areas affected by grant..docx
application/vnd.openxmlformats-officedocument.wordprocessingml.document

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The Elizabeth N.J. Clean Air Project Expands: A Community-led Collaborative in an Overburdened Port City to create a Replicable Air Quality Dashboard and Engagement Plan.
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NJ-08
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2026-10-30
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499950.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Mr.
Jonathan
Phillips

Executive Director, Groundwork Elizabeth
EX. 6 - Personal Privacy (PP)
elizabethnj@groundworkusa.org
EX. 6 - Personal Privacy (PP)
Jonathan Phillips
2023-04-14

Groundwork Elizabeth
205 First Street
c/o Elizabeth Development Company
Elizabeth
NJ: New Jersey
07206

LCKUAJLB5TG8
Jonathan Phillips
Ex. 6 Personal Privacy (PP)
elizabethnj@groundworkusa.org
Executive Director
Y: Yes
N: No
Y: Yes
Y: Yes
Y: Yes
Jonathan Phillips
Executive Director, Groundwork Elizabeth
2023-04-14

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1235-GWE.The Elizabeth N.J. Clean Air Project Expands. A Community.led Collaborative in an Overburdened Port City.pdf
application/pdf
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Jonathan
Phillips

Executive Director
205 First Street
Elizabeth
NJ: New Jersey
07206-1801
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
elizabethnj@groundworkusa.org

1236-Groundwork Elizabeth. CURRENT.IRS Letter of Determination.pdf
application/pdf
B1MZten08ZQjd37qYxFfBNUw5j0=

1237-CBO_Letters.of.Commitment.Groundwork Elizabeth.pdf
application/pdf
+vMI8c2Thzm8LVOK02R0d8Nj6h8=

1238-GWE_ EPA Letter of Support, EJ Collaborative Problem Solving (April 2023).pdf
application/pdf
jhaxyo7qbtFJgSW/dPJPsvBssWs=

1239-Resumes.EPA.2023.GWE.pdf
application/pdf
9xtrbI2m+qDud59DqmLrGXWDeAg=

1240-EPA BUDGET breakdown.narrative-Collabortive Problem SolvingGrant.GWE..pdf
application/pdf
fLKOi0x0ODPkWmogZjVRNy2M0/g=

1241-METRICS and DATA ANALYSIS.GWE.EPA.Cooperative.2023.pdf
application/pdf
tqRKz6rG3lUAdEvJtLCJvjobrjA=

1242-GWE-EPA-Collab2023 Logic Model.pdf
application/pdf
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2023-04-14T23:45:22.000-04:00
Jonathan Phillips
GRANT13862107

IRS Department of the Treasury
Internal Revenue Service
P.O. Box 2508
Cincinnati OH 45201

In reply refer to: 0752857510
July 01, 2016 LTR 4168C 0
56-2397106 000000 00
00038339
BODC: TE

GROUNDWORK ELIZABETH INC
% EDC
205 1ST ST
ELIZABETH NJ 07206-1801

015370

Employer ID Number: 56-2397106
Form 990 required: YES

Dear Taxpayer:

We issued you a determination letter in JUNE 2004, recognizing you as tax-exempt under Internal Revenue Code (IRC) Section 501(c)(3).

Our records also indicate you're not a private foundation as defined under IRC Section 509(a) because you're described in IRC Sections 509(a)(1) and 170(b)(1)(A)(vi).

Donors can deduct contributions they make to you as provided in IRC Section 170. You're also qualified to receive tax deductible bequests, legacies, devises, transfers, or gifts under IRC Sections 2055, 2106, and 2522.

In the heading of this letter, we indicated whether you must file an annual information return. If a return is required, you must file Form 990, 990-EZ, 990-N, or 990-PF by the 15th day of the fifth month after the end of your annual accounting period. IRC Section 6033(j) provides that, if you don't file a required annual information return or notice for three consecutive years, your exempt status will be automatically revoked on the filing due date of the third required return or notice.

For tax forms, instructions, and publications, visit www.irs.gov or call Ex. 6 Personal Privacy (PP).

If you have questions, call Ex. 6 Personal Privacy (PP) between 8 a.m. and 5 p.m., local time, Monday through Friday (Alaska and Hawaii follow Pacific Time).

0752857510
July 01, 2016 LTR 4168C 0
56-2397106 000000 00
00038340

GROUNDWORK ELIZABETH INC
% EDC
205 1ST ST
ELIZABETH NJ 07206-1801

Sincerely yours,



Teri M. Johnson
Operations Manager, AM Ops. 3

Jonathan Phillips, Executive Director
Groundwork Elizabeth
205 First Street
Elizabeth, NJ 07206

MOVING FORWARD
FOUNDATION

April 10, 2023

Dear Mr. Phillips,

Please accept this Letter of Collaboration from the Moving NJ Forward Foundation to Groundwork Elizabeth for your grant submission in response to EPA-R-OEJEC R-OCS-23-01. Moving NJ Forward Foundation will proudly join this Community Collaborative.

We are a small, non-profit organization, based in northern, NJ that seeks to harness the caring power of our communities. We organize multi-generational volunteer groups and facilitate project donations to support communities. We have been working with dozens of local organizations to identify resources and provide support to those most in need. Rallying support among friends and colleagues to address pressing community issues. As you know the Elizabeth community carries a heavy environmental burden, complicated further by the lack of resources available.

Our communities deserve better, no child should be sick because of the zip code they live in.

The EPA grant will amplify our communities' voices and provide actionable data back to them, providing the data needed to change behaviors. We need to know what's in our air and how we can remain healthy breathing it every day. Also important is having data to take to our elected officials. Many people have opinions and wants, data will tell us what we truly need.

Per our conversation Moving NJ Forward Foundation agrees to the following:

1. Join environmental justice collaborative focused on air quality.
2. To organize our constituents to participate in monthly community meetings
3. Share Collaborative information via social media and digital communications.
4. Provide leadership and support to the Collaborative.
5. Attend quarterly Collaborative meetings in person/ digitally.
6. Provide translation services for outreach.

We look forward to participating in this community collaboration and are hopeful that the EPA selects your application.

Sincerely,

Fernanda Correia

Fernanda Correia
President
Moving NJ Forward Foundation
Phone: Ex. 6 - Personal Privacy (PP)
Email: Ex. 6 - Personal Privacy (PP)

Jonathan Phillips
Groundwork Elizabeth
205 FIrst Street
Elizabeth, NJ 07206

April 14, 2023

Dear Mr. Phillips,

Thank you for reaching out. Per our conversation we will join the Collaborative and are providing a Letter of Collaboration from the Elizabeth Parent Support Group to Groundwork Elizabeth for your grant submission in response to EPA-R-OEJEC R-OCS-23-01.

The Elizabeth Parent Support Group (EPSG) is a support group that hosts activities and provides resources to parents with children who have special needs to increase inclusion and community engagement.

The EPSG offers:

- Advice and emotional support.
- Connect families with community services.
- Workshops and training for parents.

EPSG is certified for US Youth Soccer TOPSoccer: The Outreach Program for Soccer is a community-based training and team placement program for young athletes with disabilities, organized by youth soccer association volunteers. The program is designed to bring the opportunity of learning and playing soccer to any boy or girl, who has a mental or physical disability. Our organization works to support the mental, physical and financial challenges of parents of children with special needs. We work together to reduce risks for our children. We want to collaborate on this grant and reduce the health impacts caused by pollution and the pollution itself.

Per our conversation Elizabeth Parent Support Group agrees to the following:

1. Join Environmental Justice Collaborative focused on air quality.
2. To organize our constituents to participate in monthly community meetings
3. Share Collaborative information via social media and digital communications.
4. Provide leadership and support to the Collaborative.
5. Attend quarterly Collaborative meetings in person/ digitally.
6. Provide translation services for outreach.

We look forward to participating in this community collaboration and are hopeful that the EPA selects your application.

Sincerely,

Illiana Chevres
Executive Director
Elizabeth Parent Support Group
Ex. 6 Personal Privacy (PP) Elizabeth, NJ 0726
Phone: Ex. 6 - Personal Privacy (PP)

Jonathan Phillips, Executive Director
Groundwork Elizabeth
205 FIrst Street
Elizabeth, NJ 07206

April 10, 2023

Dear Mr. Phillips,

Please accept this Letter of Collaboration from the NAACP to Groundwork Elizabeth for your grant submission in response to EPA-R-OEJEC R-OCS-23-01. The NAACP welcomes this opportunity to become a part of a collaborative, focused on improving air quality. We look forward to participating in this collaboration.

We envision an inclusive community rooted in liberation where all persons can exercise their civil and human rights without discrimination. We are committed to a world without racism where Black people enjoy equitable opportunities in thriving communities. Our National Board and executive staff believe deeply in our mission and bring decades of experience in advocacy, organizing, and litigation to steer our efforts to secure civil rights and social justice.

The EPA Collaborative Problem Solving grant provides the opportunity to engage our environmentally overburdened communities in the air quality conversation and ultimately will inform our residents in near real-time about the quality of air and behavioral changes that can lead to better health. For too long our communities have shouldered a heavy environmental; burden as a result of industry and transportation. We want to change that. The resulting data and it's analysis will provide valuable insight to our local leaders, business and the community. Together we can advocate for the changes we need to ensure a healthy community.

Per our conversation NAACP agrees to the following:

1. join environmental justice collaborative focused on air quality.
2. To organize our constituents to participate in monthly community meetings
3. Share Collaborative information via social media and digital communications
4. Provide leadership and support to the Collaborative.
5. Attend quarterly Collaborative meetings in person/ digitally.

We look forward to participating in this community collaboration and are hopeful that the EPA selects your application.

Sincerely,

Shawn McClain

Shawn McClain, President, **NAACP Elizabeth**
P.O. BOX 3440,
Elizabeth, New Jersey 07207
Phone Ex. 6 Personal Privacy (PP)

Groundwork USA
22 Main Street, 2nd Floor
Yonkers, New York 10701
Ex. 6 Personal Privacy (PP)

April 14, 2023

Jonathan Phillips
Executive Director
Groundwork Elizabeth
205 First Street
Elizabeth, NJ 07206

RE: Commitment by Groundwork USA to participate as a community partner with Groundwork Elizabeth in the EPA 2023 EJ Collaborative Problem-Solving Cooperative Agreement Program (EJCPS) EPA-R-OEJECR-OCS-23-01.

Dear Mr. Phillips,

I am writing to confirm Groundwork USA's commitment to support Groundwork Elizabeth's application to serve as the administrating organization for the EPA 2023 EJ Collaborative Problem Solving Cooperative Agreement Program. Groundwork USA (GWUSA) is the support organization for a national network of people-centered environmental justice organizations that work to improve the natural and built environment of low-resource communities through resident capacity building and civic engagement.

We understand the challenges faced by communities like Elizabeth, which have been historically marginalized and continue to experience environmental injustice. As part of our Climate Safe Neighborhoods initiative, we have been working with Groundwork Elizabeth since 2018 to explore the relationship between historical race-based housing segregation and the current and predicted impacts of climate change. We believe that this work is critical to addressing the root causes of disinvestment, poverty, and environmental injustice.

Groundwork Elizabeth has been measuring poor air quality in the city for the past five years, with the support of the City of Elizabeth, Union County, Rutgers University, the Housing Authority of the City of Elizabeth, and a network of volunteer and community groups. However, we understand that this work has been slow and that there is a need to improve the process and make the data more accessible to the communities it is intended to serve. The proposed air quality monitoring system and community awareness platform has exciting potential to overcome these challenges.

As part of our long-term plan for the Climate Safe Neighborhoods initiative, Groundwork USA commits to provide technical guidance and expertise to Groundwork Elizabeth as they work with external collaborators to develop and launch their community-centered air quality monitoring map portal. This may involve consulting internally with Groundwork Elizabeth's project leads on best practices and desired outcomes of the map portal, contributing to design conversations with external developers, and/or coordinating with community groups as they learn to use the portal once it is completed. We are in a position to offer this support as we have a devoted full-time GIS professional on our team who has built

numerous environmental justice-focused interactive maps intended for use by the most impacted residents.

We believe that the output of this air quality monitoring data hub will provide vital real-time information to Elizabeth and the surrounding communities, fostering better relationships with partners, and ultimately leading to better health outcomes for the community at large. We are committed to supporting Groundwork Elizabeth in their efforts to address the environmental injustices in their communities and to build climate resilient neighborhoods.

Thank you for considering our support of and commitment of resources for Groundwork Elizabeth's application and work. If you have any questions or would like further information, please do not hesitate to contact me at heather@groundworkusa.org or Ex. 6 - Personal Privacy (PP)

Sincerely,



Heather McMann
Chief Executive Officer
Groundwork USA

Ex. 6 Personal Privacy (PP) Bloomfield, NJ 07003 | Ex. 6 - Personal Privacy (PP) | Ex. 6 - Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

My Objective: *To utilize my skills and experience with vision development, resource cultivation, exemplary program and project management, and maintain generative relationships with a wide range of stakeholders to support environmental justice initiatives and promote urban agriculture.*

PROFESSIONAL HISTORY

Director of Urban Agriculture & Environmental Justice, Groundwork Elizabeth (GWE)
October 2010 ~Present - Elizabeth, New Jersey - www.groundworkelizabeth.org

AGRICULTURE: Established the GWE MicroFarm while developing Come Grow With Us! a community agriculture initiative which seeks to increase access to growing space in urban areas, increase the supply of sustainably grown food and provide accompanying education. Today, the initiative provides financial, technical and practical assistance to establish verdant, food producing partner gardens, and MicroFarms + Forests at schools, nonprofits, in partnership with Assemblywoman Annette Quijano (20 Legislative District, D), the Union County Board of County Commissioners, the City of Elizabeth, Elizabeth Public Schools, businesses and residents. *All done to increase access to individual food production in environmentally overburdened communities.*

ENVIRONMENTAL JUSTICE: Identified/obtained funding streams to support ongoing air quality monitoring in Elizabethport, adjoining the Port of Newark - Elizabeth Marine Terminal. Developed a collaboration with the City of Elizabeth, the Housing Authority of the City of Elizabeth, Rutgers Bloustein School and residents to increase monitoring, engage the community, prepare research study to quantify the health risks of exposure, and report results to the community. Funded by an EPA EJ Small Grant, NSF Planning Grant, and EPA Ambient Air Quality Grant. *All done to engage, educate and empower an overburdened community.* Currently serving as the Land Chair on the Environmental Justice Advisory Council of the NJDEP.

Program and Project Management:

- Created the GWE MicroFarm in partnership w/ New Jersey Department of Environmental Protection, Union County Board of County Commissioners, City of Elizabeth, Natural Resources Conservation Service, Sustainable New Jersey, Rutgers Cooperative Extension, Whole Foods, and the Westfield Foundation, among others.
- Led daily operations of the GWE MicroFarm and the Come Grow With Us! Urban Agriculture Initiative with a staff of four and 150+ volunteers to run five garden sites serving 11,000+ residents (GWE MicroFarm, Elmora Community Garden, Vira Verde Hydroponic Greenhouse (2021), E'Port Community Center Garden and Bayway Community Garden at the Elizabeth Housing Authority).
- Raise/manage the $185K annual budget through grants, government, donors and fee-for-service .
- Maintain relationships with 120+ community and school gardens across Union County: City of Elizabeth (6), the Housing Authority of the City of Elizabeth (6), and Elizabeth Board of Education (40).
- Collaborated with Kean University and the School of Environmental and Sustainability Sciences (SESS) to establish the 5-acre Liberty Hall Farm (2014-2016) to engage Kean University students and the general public in hands-on sustainable agriculture and urban environmental studies while providing fresh, organically-grown produce for the Ursino restaurant on campus, with the remainder of produce supporting local feeding programs.
- Spearheaded Union County Board of Commissioners Union "Kids Dig In: A School Garden Grant Program" and the "Union County Means Green Community Garden Grants" resulting in 115+ new gardens in Union County and ongoing practical and technical assistance. (2016 -present, $375,000 investment)
- Pioneered the #EveryoneGetsaGarden concept in partnership with The Victoria Foundation, The Greater Newark Conservancy, The Nature Conservancy and LISC providing 100 Newark and Elizabeth residents with

gardens-to-go, food vouchers, educational support and technical assistance during the Pandemic.

Resource Cultivation:

- Responsible for all fundraising for program work, including resource development strategy, prospect identification, grant writing, reporting, donor cultivation and relationship maintenance, sponsorship management/solicitation, and support for organization-wide fundraising efforts.
- AGRICULTURE: Raised over $1M from local, state and federal governments, foundations, corporate sponsorships, Fee-For-Service projects and special events to support gardening programs, including $300k Fee-For-Service multi-year contract with the Union County Board of Commissioners to administer two community agriculture grant programs, a $250k award from the NJDEP for MORE P.E.A.S. (Permaculture in Agricultural Systems, the development of a MicroFarm,) $75k award from the Natural Resource Conservation Services as a NJ Conservation Innovation Grant (to develop an urban farm conservation showcase), $75k Housing Authority City of Elizabeth, $50k from Community Investment Strategies to build and support gardens in affordable housing developments and $20k from Sustainable Jersey to demonstrate green infrastructure.
- ENVIRONMENTAL JUSTICE: Raised over $650,000 to explore air quality and air quality monitoring, with a focus on community engagement and education, including $75,000 from the EPA Environmental Justice Small Grant, $75,000 NSF Planning Grant (led by Rutgers Bloustein School) and most recently a $500,000 EPA grant - Addressing Ambient Air Pollution at the Housing Authority City of Elizabeth. An Urban Housing Authority Demo Project.

Director of Brand Management & Community Engagement, United Way of Passaic County
May 2010 ~ May 2014 - Paterson, New Jersey - www.unitedwaypasaic.org

- DONOR ENGAGEMENT: Donor Research, Management, Engagement, Solicitation, Reporting.
- BRAND MANAGEMENT: Identity development, Design, Technology, Advertising, Marketing, Special Event Fundraisers and Friendraisers (12+ per year)
- COMMUNICATIONS: Public Relations/Information Dissemination, Printed Materials, Digital Communications
- COMMUNITY ENGAGEMENT: Corporate/Group/Individual Volunteers
- CREATIVE STUDIO: Perform above services for multiple New Jersey United Ways

Director of Communications, United Way of Greater Union County
October 2006 ~ May 2010 - Elizabeth, New Jersey - www.uwguc.org

EDUCATION

CITI Program course: Human Research (Curriculum Group) Social / Behavioral / Epidemiologic Research Investigators Basic Course 2022
Kean University, New Jersey, BA Earth Science, Minor Sustainability, graduation 2025
Undoing Racism® Community Organizing Workshop 2018
Penn State, Exploring the Small Farm Dream, Certificate Course 2016
Master Gardener, Class of 2015, Rutgers Cooperative Extension of Union County
Fashion Institute of Technology, New York: Associate in Applied Science, Fashion Merchandising Management, 2002

AFFILIATIONS

New Jersey Department of Environmental Protection, Environmental Justice Advisory Council, Chair Land Committee '23, '22
New Jersey Department of Environmental Protection, Environmental Justice Advisory Council, Appointed 2020
Parkalbaum's Emporium, Cooperative Market, Hancock, NY, Member
Girls Scouts Leader, Heart of New Jersey, 2015 - 2020

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) • EDISON, NEW JERSEY, 08820 •
PHONE Ex. 6 - Personal Privacy (PP) • CELL Ex. 6 - Personal Privacy (PP) •
E-MAIL : Ex. 6 - Personal Privacy (PP)

OBJECTIVE

To utilize experience and skills to develop and deliver successful projects and programming, working with partners in overcoming challenges to deliver sustainable programming positively impacting lives within a community.

EMPLOYMENT

October 2003-Present
Executive Director, Groundwork Elizabeth, Inc.
205 First St., Elizabeth, N.J. 07206

- Oversees operations for 501c3 non-profit organization which builds sustainable and equitable communities in Elizabeth and in Union County, New Jersey. Project areas include Healthy living, Youth Development, Urban Waters including the Elizabeth River, and Green Workforce Career Development.
- Works with government, the private sector, and the community at large including public and private schools in pursuit of its mission. A large portion of its beneficiaries are youth. Since 2017 have worked with Rutgers Environmental and Occupational Health Sciences Institute (EOHSI) on air quality issues in Elizabeth.
- Sample projects include development and oversight of a youth based Green Team, working with the greater community in the construction of the Elizabeth River Trail, development and management of the Come Grow With Us! Union County Community Gardening program, the construction of pocket parks, tree plantings, and gateway traffic restorations, a Climate Safe Initiative program, and service in community based coalitions, i.e. the Shaping Elizabeth Community Health based coalition.
- Coordinates Annual Tour de Elizabeth, now in its 17th year, as a way of fostering health through activity.

October 1985-April 2007
President, Morris Aaron Bicycles and Repairing, Inc.
804 First Ave., Elizabeth, N.J. 07201

- Steward of 103 year old family business.
- Responsibilities included business planning, buying, merchandising, sales, and staffing. Worked with City and County on plans for better cycling opportunities in local roadways and parks. Regularly advocated cycling in the community via helmet seminars, presentations on the importance of alternative modes of healthy transportation, etc.

November 1980 – October 1985
Executive Positions, Polo by Ralph Lauren, 40 W. 55th St., N.Y., N.Y.

- Served as Director of Foreign Licensing October 1983-October 1985, previously as Production Director of Domestic Knits and Woven shirts. Responsibilities included overseeing licensee/licensor relationship and approvals in Foreign Licensing. For Production capacity, projecting and fulfilling the production of units for designer.

August 1975-November 1980

Bloomingdales, 1000 3rd Ave., N.Y., N.Y.

- Worked in management within world famous retailer at NYC Flagship store, Riverside Square Store in Bergen County, in various positions in selling and buying capacities.

EDUCATION

Muhlenberg College, Allentown, Pa., B.A. History
Kean University, Union, N.J.
Additional coursework towards Education Certification

VOLUNTEER EXPERIENCE

- Serve on Brownfield Development Authority Committee, Elizabeth Development Company
- Founding member of Shaping Elizabeth Health based Coalition. Sits on Executive Committee and co-chairs Healthy Foods subcommittee.
- Member of City of Elizabeth's Economic Task Force, for Community Development Block Grant Awardees.
- Member of City of Elizabeth Neighborhood Preservation Program Committee
- Served as Chairman and currently sit as Secretary of Elizabeth Avenue Partnership, Special Improvement District.
- Executive Vice President for Temple Beth O'r/Beth Torah in Clark, N.J.
- Oversees team which coordinates volunteer activities for Groundwork Elizabeth.

Past VOLUNTEER EXPERIENCE

- Served as Board member for Groundwork USA, which sets National priorities as suggestions for the Groundwork USA network of 25 active Groundwork affiliate Trusts..
- Served on 350 Committee celebrating Elizabeth's 350th anniversary
- Served on East Coast Greenway committee for NJ portions.
- Worked with *Together North Jersey* on Complete Streets Programming

AWARDS

2007: Partner Award, Elizabeth Avenue Partnership, for beautification efforts on Elizabeth Avenue
2008: Certificate of Achievement from City of Elizabeth for CDBG Program
2009: Award from Union County Human Relations Commission for improving lives in Union County.
2012: Award from State of N.J. Clean Communities Council, for Groundwork participation in Annual Earth Day Event.
2016: Groundwork was recipient of 2016 NJ Governor's Environmental Award in the area of Healthy and Sustainable Communities.
2017: Groundwork was awarded a prestigious New Jersey Health Initiative Award for the "Next Generation Community Leaders".

CURRICULUM VITAE

Personal :

Name	Ex. 6 Personal Privacy (PP)
Mailing Address	Ex. 6 Personal Privacy (PP) Bloomfield, NJ 07003
Phone	Ex. 6 - Personal Privacy (PP)
Email	Ex. 6 - Personal Privacy (PP)

Experience:

Company Name	**Groundwork Elizabeth**
Mailing Address	Ex. 6 Personal Privacy (PP)
Phone	Ex. 6 - Personal Privacy (PP)
Dates	2/15 - Present
Position:	Director of Operations

Profile:

Oversees all operational programming for Groundwork Elizabeth. This includes project development, budgeting, oversight, guidance, hands-on construction, management for all GW programs including conservation and restoration programs , fee for service, and urban agriculture, including hydroponic and organic farming practices.

Key Responsibilities:

- Lead in Climate Safe Initiative program development to address air quality, flooding and heat issues.
- Oversees all Groundwork Operational needs for nonprofit's programs including oversight of the Groundwork Elizabeth MicroFarm and Conservation Center.
- Oversight of Youth construction projects on Federal land sites. Work in National Parks and US Fish and Wildlife Refuges.
- Develops budgets for operational work, projects, and systems.
- Assists in teaching youth and volunteers safe practices for construction, conservation, and agricultural programming, including but not limited to hydroponics, aquaponics, aeroponics and organic farming practices from seed propagation to soil management and planting.
- Integration, management and design of farming practices at the Vira Verde Hydroponic greenhouse.
- Assist with operations to sustain 200 community partner gardens, the Elmora MicroFarm and the Union County Means Green and Kids Dig In programs.
- Seeks out and helps write grants at request of Executive Director

Company Name	**Happy Harvest Hydroponic Farms**
Mailing Address	68 Mount Pleasant Turnpike Denville, NJ 07834
Phone	Ex. 6 - Personal Privacy (PP)
Dates	2/14 - Present
Position	Owner/co-Founder

Profile:

Provide extensive education, experience a highly motivated work ethic and result driven professionalism to build and operate a functioning hydroponic and aeroponic farm from concept to creation.

Key Responsibilities:

- Represent H3 Farms at seminars, meetings, and other designated functions that require corporate presence in the area of hydroponic, aeroponic, and organic farming and sustainable agriculture management.
- Provide excellent knowledge and guidance to staff on all facets of hydroponic and aeroponic gardening using NFT systems, synthetic nutrients, air, and temperature control in a greenhouse environment.
- Custom built a 3000 square foot greenhouse with NFT system, Dutch bucket systems, and an aeroponic system to provide local greens year round.
- Complete knowledge of propagation from seed and cloning techniques, crop changing, harvesting, and organic pest and disease control.
- Provide instruction on indoor gardening for both hydroponics and aeroponics from seed to harvest.
- Locally grow hydroponic and aeroponic produce to supply restaurants with highly nutritious greens, baby greens, and micro greens year round, in a climate non conducive with year round growing.
- Work with chefs to provide produce not found in our geographic footprint to create a unique dining experience.

Company Name **JAE LLC Landscape & Design**
Mailing Address 48 Jacob Street Bloomfield, NJ 07003
Phone Ex. 6 - Personal Privacy (PP)
Dates 2005 - 2015
Position Owner

Profile:

Successfully managed and staffed a design and build landscape construction company from concept through start-up.

Key Responsibilities:

- Responsible for all the day to day operations of running a small business including sales, marketing, and accounting.
- Manage several different projects at once with the ability to oversee the projects from start to finish.
- Prepared and produced construction estimates and managed all aspects of projects and staff from initial client meeting to job completion.

Education:

MONTCLAIR STATE COLLEGE Upper Montclair, New Jersey
1989-1990 Majoring in Industrial Technology
WILLIAM PATERSON COLLEGE Wayne, New Jersey
1985-1987 Majoring in Fine Arts & Communications

Skill Set:

- Strong technical, communication, organizational and intrapersonal skills to manage teams and individuals.
- Commercial awareness of trends in the farming and food industry.
- Proven leadership skills and ability as a senior manager.
- Able to work as an individual or part of a team.
- Computer and internet literate.

Ex. 6 Personal Privacy (PP)
PO BOX 984, Elizabeth, NJ 07207 Phone Ex. 6 - Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)

OBJETIVES

To obtain a position as community service to families and fellow professionals, where develop my skills. Skilled at problem solving and conflict resolution, and able to help encourage teamwork. Able to network with public organizations and businesses to create successful partnerships.

EXPERIENCE

SEPTEMBER 2016 - PRESENT

Prevention Links (Elizabethport Community Center) — Elizabeth, NJ

Site Director

- Develop relationships with the Center community members. Act as a liaison between community members, staff, and the community providers.
- Ensure that the overall operation of the site directly supports the mission statement of the Center.
- Supervise site staff, and responsible for all spending to stay on budget.
- Development and implement programs to cover the community member needs and interested.
- Attend relevant community meetings; participate in relevant councils, roundtables and committees

MARCH 2016 – SEPTEMBER 2016

Prevention Links (Elizabethport Community Center) — Elizabeth, NJ

Outreach Coordinator

- Create and implement Center outreach plan
- Responsible for providing information, resources, and support to Elizabethport community members
- Establish contacts with private and public organizations for the provision of services.

2014 –2016

Statewide Parent Advocacy Network, Inc — Newark, NJ

Bilingual Family Resource Specialist (Union County)

- Responsible for providing information, resources, and support to families of children with special needs and professionals.
- Refer families to the aid programs for children with special needs.
- Establish contacts with private and public organizations for the provision of services.

2004-2006

Department of Justice in collaboration with Salvation Army, Open Doors Program — San Juan, PR

Contact Officer

- Responsible for implementing the outreach component to the media. Preparing materials and professional information.
- Provide training presentations focusing on services, right and programs for victims of crime.
- Responsible for the acquisition of volunteers and refer victims to the aid programs. Perform guidance and counseling to victims of crime on or aid programs available.

JANUARY 2004 – MAY 2004

Legislature of Puerto Rico — San Juan, PR

Legislative Counsel and Legal Assistant (Health and Environmental Affairs Committee)

- Responsible for the areas related to the legislative process of the Office
- Responsible for assistant in the legal and legislative work.
- Manage documentation of meetings, public hearings and legislative sessions.

2000 – 2001

Department of Justice, Municipal Court — Toa Alta, PR

Assistant Sheriff Office

- Management motions, complaints and other office documents
- Management subpoenas process.

EDUCATION

2014 Statewide Parent Advocacy Network (SPAN) New Jersey, USA

- Resource Parent Training Certificate

2009-2010 University of Phoenix New Jersey, USA

Master of Science –Honors

- Administration of Justice and Security

2001- 2005 Inter American University Barranquitas, PR

Bachelor in Criminal Justice – Magna Cum Laude

- Criminal investigation.

1998 – 2001 Nicolas Sevilla High School Toa Alta, PR

- Accounting Clerk Vocational Course – High Honor
- Senior Class Award

HIGHLIGHTS OF QUALIFICATIONS

2019 NJ Governor's Jefferson Awards Ceremony Elizabeth, NJ

- Awarded for work in New Jersey on volunteerism and public service (May 2019)

2019 Union County Women of Excellence Award Union County, NJ

- Awarded for work in Union County on behalf of children with special needs (March 2019)

2018 Elizabeth Board of Education Elizabeth, NJ

- Elected as a member of the board of education (November 2018)

2017 Elizabeth Police & Elizabeth Fire Department Elizabeth, NJ

- Awarded for work in New Jersey on behalf of children with special needs (April 2017)

2017 New Jersey Youth Corps Elizabeth, NJ

- Honored in recognition for the work with the youth population (June 2017)

2016 Elizabeth Board of Education Elizabeth, NJ

- Honored in recognition of the Women's History Month (March 2016)

2016 The Statewide Parent Advocacy Network & The NJ Community of Care Consortium New Jersey, USA

- Innovative & Collaborative Family Support Practices Award (February 2016)
- Awarded for work in New Jersey on behalf of immigrant families of children with special needs

2015-Present Hispanos Unidos (HU) Elizabeth, NJ

- Member of the organization whose goal is to continue to promote the values and culture of the Hispanic community in the city of Elizabeth and development the politic participation of the Hispanic community in the city.

2015-Present Puerto Rican Alliance of Elizabeth (PRAE) Elizabeth, NJ

- Member of the organization whose goal is to continue to promote the values and culture of Puerto Rico in the city of Elizabeth positively.

2014-Present Parents Anonymous of New Jersey, Inc. New Jersey, USA

- Member as parent and community leader
- Demonstrating Community Leadership to Strengthen New Jersey Families Recognition (February, 2014)

2013-Present Elizabeth Parent Support Group (EPSG) Elizabeth, NJ

- Services and Community Coordinator
- Provide support to families and recreational opportunity for children with special needs.
- US Youth Soccer Top Soccer (The Outreach Program for Soccer) Certification. Community-based training and team placement program for young athletes with disabilities.

2013- 2016 Statewide Parent Advocacy Network Parent Resource Union County, NJ

- Resource Parent Training Certificate (May, 2014)
- Neighborhood Health FQHC- Union County
- Provide voluntary assistance to parents of children with special needs in Union County.
- Supporting Immigrant Parents and Outstanding Leadership Recognition (June, 2015)

2013 – 2015 Parent and Teacher Organization (PTO) Elizabeth, NJ

- President of PTO (2013 – 2014), Benjamin Franklin School
- Outstanding School Involvement Recognition

2010 – Present University of Phoenix Alumni Association New Jersey, USA

- Receive updates and professional training.

2003 – 2005 José Jaime Pierluisi Foundation Scholarship San Juan, PR

- Scholarship for academic achievement, high moral values, leadership and social interest (2004-2005)
- Scholarship for academic achievement, high moral values, leadership and social interest (2003-2004)

2002 – 2005 President of Criminal Justice Organization of Inter American University San Juan, PR

- Recognition of Excellent Performance as member of the Criminal Justice Student Organization (October, 2003)
- Participation in the development of Criminal Justice Magazine
- Professional development and training in collaboration with Law and Order Organization.

2002 – 2005 Member of the Honors Program of Inter American University San Juan, PR

- Recognition of Honor for Academic Performance (April, 2005)
- Participate in Legislative Internship Program Jorge Alberto Ramos Comas, Senate of Puerto Rico (2004)
- Recognition for Outstanding Academic Performance (August-December 2004)
- Recognition of Honor for Academic Performance (April, 2004)

- Recognition for participation in Learning and Development Opportunities Outside the classroom (March, 2004)
- Recognition of Honor for Academic Performance (April, 2003)
- Honor Scholarship for talented students (2003)
- Recognition of Honor for Academic Performance (April, 2002)
- Scholarship Alumni Association Poly-Inter (2002)

2003 José Ortega y Gasset Foundation Scholarship Toledo, Spain

- Scholarship to Hispanic Studies, Latin American and European

SKILLS

- Training and certificated in Strengthening Families Program
- Counseling and development of strategic plans.
- Drafting, criminal investigation, office systems management, computer and accounting.
- Teamwork, leadership and willingness to acquire new skills and tasks.
- Proficiency written and spoken Spanish.
- Training in advocacy and application of Rights in the area of Special Education.
- Ability to handle sensitive information effectively
- Enthusiastic team player experienced in motivating others to accomplish a goal
- Excellent at providing friendly service and help

REFERENCES

Available upon request.

BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors
Follow this format for each person. **DO NOT EXCEED FIVE PAGES.**

NAME: Ex. 6 Personal Privacy (PP)

eRA COMMONS USER NAME (credential, e.g., agency login): Redacted

POSITION TITLE: Associate Professor of Environmental and Occupational Health

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)*

INSTITUTION AND LOCATION	DEGREE *(if applicable)*	Completion Date MM/YYYY	FIELD OF STUDY
The Cooper Union School of Art, New York, NY			Program in Fine Arts
Rutgers University, Cook College, New Brunswick, NJ	BS	02/1984	Environmental Science
Rutgers-Robert Wood Johnson Medical School, New Brunswick, NJ	MD	05/1997	Medicine
Columbia University School of Public Health, New York, NY	MPH	02/1992	Occupational & Environmental Health
Rutgers-Robert Wood Johnson Medical School, New Brunswick, NJ	Resident/ Chief Resident	1997-2000	Family Medicine
Rutgers-Robert Wood Johnson Medical School, New Brunswick, NJ	Fellow	2000-2001	Occupational Medicine

A. Personal Statement

I am pleased to support Groundwork Elizabeth's application for a USEPA Environmental Justice Small Grant. The focus of my work in on community-engaged, translational research to provide a scientific evidence-basis for policy that improves environmental health conditions in environmental justice communities that are disproportionately impacted by environmental chemical exposures and health risks. I have a major, ongoing, CDC-funded project to study the health effects of PFAS compounds in drinking water in the Paulsboro NJ over the next 5 years. I continue to study the health effects of traffic-related air pollution in ports adjacent communities in New Jersey including impacts on respiratory and cardiovascular disease using community-based participatory research approaches. As Director of Community Engagement for our NIEHS-funded Center for Environmental Exposure and Disease, I work with community partners to translate findings from our work to policy interventions to reduce exposures and to address cumulative impacts of exposure to multiple chemical and nonchemical stressors in New Jersey communities. The overall goal of my research has been to better understand the interactive effects of multiple chemical and nonchemical stressors, and their cumulative impact on health disparities in environmental justice communities. I completed a NIEHS Mentored Clinical Scientist Career Development Award (K08) on interactions between exposure to diesel engine exhaust and acute psychological stress that featured translational science between animal models and humans. I recently completed data collection on a 4-year community-based participatory research project, funded by a USEPA STAR grant, to understand interactions between traffic air pollution and chronic psychosocial stress among children with asthma in the Ironbound Community of Newark, NJ.

B. Positions and Honors

Positions and Employment

1985-1988 Sanitary Inspector, Manalapan and Matawan Regional Health Departments, NJ.
1988-1989 Industrial Hygienist, Lederle Laboratories, Pearl River, NY.
1989-1993 Corporate Safety, Health and Environmental Manager, Cambrex Corp., E. Rutherford, NJ.
1997-2000 Resident, Rutgers-Robert Wood Johnson Family Medicine Residency Program.
1999-2000 Chief Resident, Rutgers-Robert Wood Johnson Family Medicine Residency Program.

*NAME Ex. 6 Personal Privacy (PP) *Required fields

ORCID ID (Optional)

*POSITION TITLE Senior Executive Director, Center for Urban Policy Research

*PRIMARY ORGANIZATION & LOCATION Rutgers University

***PROFESSIONAL PREPARATION - (see PAPPG Chapter II.D.2.h.i.a.3)**

PREVIOUS ORGANIZATION(S) & LOCATION(S)	DEGREE (if applicable)	RECEIPT DATE* (MM/YYYY)	FIELD OF STUDY
Rutgers, the State University of New Jersey, New Brunswick, NJ	PhD	2015	Urban Planning and Public Policy
University of California, Los Angeles, CA	Masters	1994	Political Science (Quant. Methods, Political Economy)
Bowdoin College, Brunswick, ME	AB	1991	Government

Note - For Fellowship applicants only, please include the start date of the Fellowship.

***APPOINTMENTS AND POSITIONS - (see PAPPG Chapter II.D.2.h.i.a.4)**

Start Date - End Date	Appointment or Position Title, Organization, and Location
2022-present	Sr. Executive Director, Center for Urban Policy Research, Edward J. Bloustein School of Planning and Public Policy (EJB), New Brunswick, NJ
2006-2022	Sr. Executive Director, Rutgers Center for Green Building, Edward J. Bloustein School of Planning and Public Policy (EJB), New Brunswick, NJ
2016-2021	Director of Development, EJB, Rutgers University, New Brunswick, NJ
2015-2016	Sustainability Consultant, Office of Research and Economic Development, Rutgers University, New Brunswick, NJ
2006-present	Adjunct Lecturer (Urban Economics, Environmental Planning, Environmental Life Cycle Assessment), EJB, Rutgers University, New Brunswick, NJ
2002-2005	Associate Urban Planner, Ron Rukenstein & Associates, LLC, Titusville, NJ
2001-2002	Executive Director, Global Customer Solutions and European Business Development and Strategy, Telcordia Technologies (Bellcore), Piscataway, NJ
1997-2001	Senior Management Consultant, Pan Atlantic SMS Group, Portland, ME
1991-1997	Research Associate, Rand Corporation, Santa Monica, CA

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***PRODUCTS - (see PAPPG Chapter II.D.2.h.i.a.5) Products Most Closely Related to the Proposed Project**

1. Ex. 6 Personal Privacy (PP) (2023). Monitoring Summertime Indoor Overheating and Pollutant Risks and Natural Ventilation Patterns of Seniors in Public Housing. Indoor and Built Environment. doi: 10.1177/1420326X221148728
2. Ex. 6 Personal Privacy (PP) (2021). Residential Indoor Air Quality Interventions through a Social-Ecological Systems Lens: A Systematic Review. Indoor Air. Published Online. http://doi.org/10.1111/ina.12835
3. Ex. 6 Personal Privacy (PP) (2020). Summertime Thermal Conditions and Senior Resident Behaviors in Public Housing: A Case Study in Elizabeth, NJ, USA. Building and Environment, 168 (2020) 106411. https://doi.org/10.1016/j.buildenv.2019.106411
4. Ex. 6 Personal Privacy (PP) (2020). Designing to Engage Children in Monitoring Indoor Air Quality: A Participatory Approach. In Proceedings of the Interaction Design and Children Conference, pp. 323-334, 2020, https://dl.acm.org/doi/10.1145/3392063.3394395
5. Ex. 6 Personal Privacy (PP) (2018). Sensing the Invisible: Understanding the Perception of Indoor Air Quality Among Children in Low-Income Families. International Journal of Child-Computer Interaction. IJCCI122. https://doi.org/10.1016/j.ijcci.2018.12.002

Other Significant Products, Whether or Not Related to the Proposed Project (see PAPPG Chapter II.D.2.h.i.a.5)

1. Ex. 6 Personal Privacy (PP) (2018) "Planning for Healthy Communities", NJ Handbook of Planning, 2018 Fourth Edition.
2. Ex. 6 Personal Privacy (PP) (2018). "Synthetic Populations of Building Office Occupants and Behaviors". In: Redacted Redacted Building Performance Evaluation. Springer, Cham. https://doi.org/10.1007/978-3-319-56862-1_5.
3. Ex. 6 Personal Privacy (PP) (2016), "Did that Plan Work? Post Occupancy Evaluation," in Gifford, R. (Ed) Research Methods for Environmental Psychology. Hoboken, NJ: Wiley-Blackwell: 249-270. https://doi.org/10.1002/9781119162124.ch13
4. Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) (2019). Investigation of Indoor Air Quality Determinants in a Field Study using Three Different Data Streams. Building and Environment 154 (2019) 281–295. https://doi.org/10.1016/j.buildenv.2019.03.022
5. Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) (2016). Comparison of Real-time Instruments and Gravimetric Method when Measuring Particulate Matter in a Residential Building. Journal of the Air & Waste Management Association, 66 (11) 1109-1120. https://doi.org/10.1080/10962247.2016.1201022

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***Synergistic Activities - (see PAPPG Chapter II.D.2.h.(i)(a)(6))**

1. Broadening the participation of groups underrepresented in STEM: Development and delivery of co-produced community-based air quality interventions Housing Authority City of Elizabeth, NJ summer camp (K-12), 2017-present
2. Co-development and on-going refinement of cost-effective methods of health and safety hazard detection in low-income multifamily housing: Rutgers Docket # 2016-102; NOI -SPIRIT (Spatially Resolved Infrared Thermography)
3.Development of databases to support research and education: Through direct and managed subcontracted efforts, development of NJ-specific building data to support clean energy program design and policy development, as subsequently published on NJ Board of Public Utilities website and NJ Energy Data Center website; contract totals exceed $15 million, 2017-present.
4. Service to the professional community of environment-behavior researchers: Environmental Design Research Association (EDRA), Co-chair, EDRA Sustainability Knowledge Network, 2010-present, Board of Directors, including term as Treasurer, 2014-2017.

***Certification**:

When the individual signs the certification on behalf of themselves, they are certifying that the information is current, accurate, and complete. This includes, but is not limited to, information related to domestic and foreign appointments and positions. Misrepresentations and/or omissions may be subject to prosecution and liability pursuant to, but not limited to, 18 U.S.C. §§287, 1001, 1031 and 31 U.S.C. §§3729-3733 and 3802.

Signature
(Please type out full name): Jennifer Senick Date: 04/12/2023

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Ex. 6 Personal Privacy (PP)

Union, NJ 07083

Ex. 6 - Personal Privacy (PP)

Ex. 6 - Personal Privacy (PP)

Focused dedication and looking to succeed as a pinnacle member of your staff. Committed to high-quality results with little supervision. Fast learner and very self-motivated. I'm currently pursuing a B.S. in environmental science at Kean University.

ACTIVITIES
2012-2015 Judo and Jiu-jitsu, 2006-present Earth Science Club, 2017-Present

Authorized to work in the US for any employer

Work Experience

Director of Youth Initiatives

GroundWork Elizabeth - Elizabeth, NJ
April 2022 to Present

- Oversee established youth programming and implementation of new youth programs when necessary.
- Provide support and resources to youth team leaders to assist with youth team synergy and ensure the completion of projects by deadlines.
- Planning and implementing projects while working alongside government agencies.
- Manage payroll for youth workers.
- Assist Executive Director in federal and non-federal grant applications and writing.
- Continue to maintain partnerships with federal agencies under the U.S. Department of the Interior.
- Handle quarterly and annual reports for ongoing and past projects.

Manager on Duty (MOD)

Goldfish Swim School - Springfield, NJ
September 2020 to March 2022

- Maintain daily and financial operations.
- Train incoming workers and retrain existing team members to ensure the work culture.
- Create and participate in workshops and meetings.
- In charge of opening and closing the facilities.
- Maintain Goldfish sales goals.
- Enforce cleanliness policies according to COVID regulations.

Lifeguard

SAF GUARDING - Piscataway, NJ
November 2019 to March 2020

- Responsible for opening and closing pool areas.
- Maintained a clean pool environment including spa, Sauna, and Steam room and supervised patrons in and out of the pool.
- Checked and recorded water chemical levels.
- Enforced gym and pool policies to maintain a safe and healthy swimming environment.

Sales Associate
KIDS PLACE - Elizabeth, NJ
April 2016 to October 2019

- Work with customers hands on to supply the best costumer service I could offer.
- Took inventory of merchandise we have in order to make a lists of what we will be needing.
- I stock up shelves and make sure that the store is clean.
- I receive deliveries on a daily basis and must organize packages.
- I drive as far as Manhattan,NY to deliver packages.

Lifeguard
SPARKLING POOL SERVICES - Union, NJ
May 2019 to September 2019

- Monitor swimming activities and ensure that patrons swim in a safe and clean environment.
- Maintain the maintenance of swimming pool including but not limited to; skimming the pool, vacuuming the pool floor, scrubbing the pool walls and floor, etc.
- Enforced pool and community rules to ensure a healthy and safe swimming environment.

Student Worker
Kean University - Elizabeth, NJ
January 2018 to July 2018

I worked in the Graduate Admissions office with a small dedicated team. My daily task included filing paperwork, making and receiving phone calls, giving campus tours to potential students and prepare for events abroad or on Kean campus.

Education

Some college in Environmental Science
Kean University - Elizabeth, NJ
September 2017 to Present

High school diploma or GED

Skills

- Microsoft Office (10+ years)
- 50 WPM
- Research (5 years)
- Scheduling
- Filing
- Microsoft Word
- Organizational Skills
- Outlook
- Microsoft
- Data Entry
- Billing

- Inventory
- Pool Maintenance
- Swimming

Certifications and Licenses

Driver's License
April 2017 to March 2020

OSHA Hazard Communication Standard
October 2018 to Present

Certifies that I successfully completed Training in the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Lifeguarding/First Aid/CPR/AED
June 2019 to June 2021

Lifeguard Training

Ex. 6 Personal Privacy (PP) is the Deputy Executive Director for the Housing Authority of the City of Elizabeth (HACE) and has been since 2007. Through her 39 years of service with the Housing Authority , she has held positions as Tenant Interviewer, Senior Account Clerk, Employee Benefits Coordinator, Director of Staff operations, and lastly as Deputy Executive Director. Her responsibilities as Deputy Director are to assist the Executive Director in all facets of Housing Authority Operations including staffing, program implementation and supervision of the Authority's 1600 public housing units and its 1450 Section 8 Rental Assistance Vouchers.

HACE is recognized by the Department of Urban Development as a model agency. This designation is reserved for the "high performing" agencies who efficiently and effectively utilize the funds they were allocated, maintaining low vacancy rates, as well as the overall maintenance and condition of the public housing properties.

With the award of HACE's HOPE VI grant in the amount of $28.9 million dollars, HACE demolished and rebuilt 655 public housing units namely, Pioneer Homes and Migliore Manor. Working collaboratively with the residents of these properties, Ex. 6 Personal Privacy (PP) successfully relocated all eligible families in newly appointed townhouse-style homes with hardwood floors, central AC, and yards.

Recognizing the need to serve the senior population, in 2011, the Housing Authority developed a new Senior building in the Elizabethport, housing 31 units of affordable housing with 4300 square feet of commercial space. The J. Christian Bollwage Towers became the first LEED GOLD CERTIFIED residential affordable housing development in the State of New Jersey. It serves as a testament to the ability of the Housing Authority and its team of residents and staff to build affordable housing that was designed and environmentally conscious of its effect on residents of the surrounding community.

Providing or improving "brick and mortar housing" is one facet of addressing the housing needs of the community. Improving the lives of families living within HACE communities is another. As such, [redacted] has geared new housing programming towards resident health and family self-sufficiency. The Bayway Family Success Center and the E'Port Community Centers in partnership with PREVENTION LINKS are funded with State and federal program dollars to provide a multitude of family strengthening and senior programming furthering this cause. The Mravlag Manor Mobile Market, fostered through SHAPING ELIZABETH and the YMCA collaboration, has provided families with the delivery of fresh produce and vegetables on a monthly basis. The partnership with GROUNDWORK ELIZABETH has enabled HACE to create and foster resident lead initiatives ranging from Community Gardening programs at each of our public housing sites, Youth Environmental Training programs providing young adults opportunities to learn and get paid during summer months, and collaborations with both local Universities, Rutgers and Kean encouraging and creating education environmental awareness particularly in the area of air quality. Nutritional programs have been initiated at all senior properties engaging the seniors to provide helpful food choices and meal preparations. A grant from RUTGERS University has been secured in efforts to study air-quality and the effect of heat-waves in apartments at Mravlag Manor. A healthy relationship program has now progressed to a third semester providing the women of the area surrounding Mravlag Manor with an opportunity to discuss and receive one-on-one counseling. Recently, HACE was awarded a 2.3 million dollar JOBS PLUS PILOT grant through HUD in

effort to support job training, education and employment opportunities for the residents at Mravlag Manor. HACE was one of 9 agencies from across the country to be selected. Since its award in early 2020 HACE and our team has worked to set up an infrastructure of partnerships one that needed to be able to work through the logistics of the pandemic response and one that would provide access to supportive services needed with State, County and local agencies. They include Bridgeway Rehab Services, Union County Office of Social Services, Elizabeth Development Company, Prevention links, Proceed, E'Town Housing and Community Development, Urban League of Union County, Urban League of Union County Young Professionals, Boxwood Learning Center, Investors Bank, Elizabeth Public Library, NJTIP and Mravlag Manor Resident Association.

Through this initiative HACE will better serve our residents and provide work-readiness supports in the form of financial, employment, educational and empowerment services to eligible residents.

Ex. 6 Personal Privacy (PP) grew up in the City of Elizabeth where she attended St. Genevieve's Grammar School, Benedictine Academy High School and received her bachelor of Liberal Arts from Seton Hall University. She currently resides in Wall Township NJ with her husband, Ex. 6 Personal Privacy (PP) of 37 years and their two daughters, Ex. 6 Personal Privacy (PP) and her "Best big Little Men" , grandsons- Ex. 6 Personal Privacy (PP) and not to be outdone, grand twins Ex. 6 Personal Privacy (PP)

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Hispanic Access Foundation

Address: 1030 15th Street NW, Suite B/1 #150

City: Washington

State: DC: District of Columbia Zip Code: 20005

B. Unique Entity Identifier (UEI): EDSNK9AQ7B16

C. Applicant/Recipient Point of Contact

Name: Luke Argleben

Phone: Ex. 6 - Personal Privacy (PP)

Email: development@hispanicaccess.org

Title: Director of Development

II. Is the applicant currently receiving EPA Assistance? ☒ Yes ☐ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

Robert Fanger, Chief Operational Officer
Hispanic Access Foundation, 1030 15th Street NW, Suite B/1 #150, Washington, DC 20005-1503
Tel. Ex. 6 Personal Privacy (PP) Fax. Ex. 6 Personal Privacy (PP)

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

Yes
https://www.hispanicaccess.org/eeo

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Maite Arce	President and CEO	04/12/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Maite | Middle Name:
Last Name: Arce | Suffix:
Title: President and CEO
Complete Address:
Street1: 1030 15th Street NW, Suite B/1 #150
Street2:
City: Washington | State: DC: District of Columbia
Zip / Postal Code: 20005 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: maite@hispanicaccess.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Maite | Middle Name:
Last Name: Arce | Suffix:
Title:
Complete Address:
Street1: 1030 15th Street NW, Suite B/1 #150
Street2:
City: Washington | State: DC: District of Columbia
Zip / Postal Code: 20005 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: maite@hispanicaccess.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Jesse | Middle Name:
Last Name: Rodriguez | Suffix:
Title: Finance Director
Complete Address:
Street1: 1030 15th Street NW, Suite B/1 #150
Street2:
City: Washington | State: DC: District of Columbia
Zip / Postal Code: 20005 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: jesse@hispanicaccess.org

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: | First Name: Shanna | Middle Name:

Last Name: Edberg | Suffix:

Title: Director of Conservation Programs

Complete Address:

Street1: 1030 15th Street NW, Suite B/1 #150

Street2:

City: Washington | State: DC: District of Columbia

Zip / Postal Code: 20005 | Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**

E-mail Address: shanna@hispanicaccess.org

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/12/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier: District of Columbia

8. APPLICANT INFORMATION:

* a. Legal Name: Hispanic Access Foundation

* b. Employer/Taxpayer Identification Number (EIN/TIN): 27-2589206

* c. UEI: EDSNK9AQ7B16

d. Address:

* Street1: 1030 15th Street NW, Suite B/1 #150
Street2:
* City: Washington
County/Parish:
* State: DC: District of Columbia
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 20005-1503

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Luke
Middle Name:
* Last Name: Argleben
Suffix:

Title:

Organizational Affiliation:

* Telephone Number: Ex. 6 - Personal Privacy (PP)
Fax Number:

* Email: development@hispanicaccess.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Nuestras Costas (Our Coasts): Improving Climate Disaster Resilience in Puerto Rican Communities

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: DC00 * b. Program/Project: PR00

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 01/01/2024 * b. End Date: 12/31/2026

18. Estimated Funding ($):

* a. Federal	499,717.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	499,717.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name: Maite

Middle Name:

* Last Name: Arce

Suffix:

* Title: President and CEO

* Telephone Number: Ex. 6 - Personal Privacy (PP) Fax Number:

* Email: maite@hispanicaccess.org

* Signature of Authorized Representative: Maite Arce * Date Signed: 04/12/2023

KcgZZCwRYUvF0n1d0O+MWbVAUzQ=

Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

hispanic access foundation

Hispanic Access Foundation
1030 15th Street NW, Suite B/1 #150
Washington
DC: District of Columbia
20005

EDSNK9AQ7B16
Luke Argleben
EX. 6 - Personal Privacy (PP)
development@hispanicaccess.org
Director of Development
Y: Yes
N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Robert Fanger, Chief Operational Officer
Hispanic Access Foundation, Ex. 6 Personal Privacy (PP)
Tel. EX. 6 - Personal Privacy (PP) Fax. Redacted

Yes
https://www.hispanicaccess.org/eeo
Maite Arce
President and CEO
2023-04-12

1234-Work Plan - Hispanic Access.pdf
application/pdf
QdGxAF7ley1C6FYhITJN6EiCKfc=

Maite
Arce

President and CEO
1030 15th Street NW, Suite B/1 #150
Washington
DC: District of Columbia
20005
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
maite@hispanicaccess.org

Maite
Arce

1030 15th Street NW, Suite B/1 #150
Washington
DC: District of Columbia
20005
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
maite@hispanicaccess.org

Jesse
Rodriguez

Finance Director
1030 15th Street NW, Suite B/1 #150
Washington
DC: District of Columbia
20005
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
jesse@hispanicaccess.org

Shanna
Edberg

Director of Conservation Programs
1030 15th Street NW, Suite B/1 #150
Washington
DC: District of Columbia
20005
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
shanna@hispanicaccess.org

1.0
24089.00
4818.00
8000.00
5100.00
77100.00
7200.00
126307.00
23784.00
150091.00

25294.00
5059.00
8000.00
2700.00
83100.00
7200.00
131353.00
24734.00
156087.00

26559.00
5312.00
8000.00
2700.00
113100.00
7200.00
162871.00
30668.00
193539.00

75942.00
15189.00
24000.00
10500.00
273300.00
21600.00
420531.00
79186.00
499717.00

1235-IRS Determination Letter - Hispanic Access.pdf
application/pdf
OTT8H/tztWgJwp6sj9BAPMfmQOs=

1236-Resumes - Key Personnel.pdf
application/pdf
NmyLNT0ncy2s5+FYzruXcBC2f2Q=

1237-Letters of Commitment.pdf
application/pdf
Enyuy3XUNX3DPZpKQ8em8JQo3jk=

1238-Environmental Results, Logic Model.pdf
application/pdf
i6PJ6BDO7JUwfNIhUqJSVCZWtzM=

1239-Itemized Budget Sheet.pdf
application/pdf
i7unokiBPbp55ZdL0qaGA4m90lo=

Application
New
2023-04-12
District of Columbia
Hispanic Access Foundation
27-2589206
EDSNK9AQ7B16
1030 15th Street NW, Suite B/1 #150
Washington
DC: District of Columbia
20005-1503
USA: UNITED STATES

Luke
Argleben

EX. 6 - Personal Privacy (PP)
development@hispanicaccess.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Nuestras Costas (Our Coasts): Improving Climate Disaster Resilience in Puerto Rican Communities
DC00
PR00
2024-01-01
2026-12-31
499717.00
0.00
0.00
0.00
0.00
0.00
499717.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes

Maite
Arce

President and CEO
EX. 6 - Personal Privacy (PP)
maite@hispanicaccess.org
Maite Arce
2023-04-12

KcgZZCwRYUvF0n1d0O+MWbVAUzQ=
2023-04-12T17:53:37.000-04:00
Maite Arce
GRANT13859350

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: AUG 02 2010

HISPANIC ACCESS FOUNDATION
C/O COPILEVITZ & CANTER LLC
MARK DISKIN
1900 L ST NW STE 215
WASHINGTON, DC 20036

Employer Identification Number:
27-2589206
DLN:
17053188310000
Contact Person:
DALE T SCHABER ID# 31175
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)
Accounting Period Ending:
December 31
Public Charity Status:
170(b)(1)(A)(vi)
Form 990 Required:
Yes
Effective Date of Exemption:
May 17, 2010
Contribution Deductibility:
Yes
Addendum Applies:
No

Dear Applicant:

We are pleased to inform you that upon review of your application for tax exempt status we have determined that you are exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code. Contributions to you are deductible under section 170 of the Code. You are also qualified to receive tax deductible bequests, devises, transfers or gifts under section 2055, 2106 or 2522 of the Code. Because this letter could help resolve any questions regarding your exempt status, you should keep it in your permanent records.

Organizations exempt under section 501(c)(3) of the Code are further classified as either public charities or private foundations. We determined that you are a public charity under the Code section(s) listed in the heading of this letter.

Please see enclosed Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, for some helpful information about your responsibilities as an exempt organization.

Letter 947 (DO/CG)

HISPANIC ACCESS FOUNDATION

We have sent a copy of this letter to your representative as indicated in your power of attorney.

Sincerely,



Robert Choi
Director, Exempt Organizations
Rulings and Agreements

Enclosure: Publication 4221-PC

Letter 947 (DO/CG)

Ex. 6 - Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)
Baltimore, MD

Ex. 6 Personal Privacy (PP) (she/they)

SUMMARY

Nonprofit program director with skills in management, partnerships, policy, analysis, communications, and more; experienced in climate change, conservation, and sustainable development. Passionate about equity and justice.

SKILLS

- Program planning & management
- Grant writing & reporting
- Budget formation & tracking
- Project planning, implementation, & evaluation
- Supervising teams & consultants
- Public speaking, presentations, & moderating
- Research & analysis
- Writing/editing op-eds, project documents, blogs, & publications
- Photography
- Spanish
- Experience working abroad, across cultures, and remotely

PUBLICATIONS

- Hispanic Access Foundation publications: *Conservation Policy Toolkit with Policy Recommendations*, *National Landmarks We Need to Protect*, *Equity & Environmental Justice in 30x30*, *Heartwired to Love the Earth*, *Nuestro Océano y la Costa: Latino Connections to Ocean & Coast*, *The Nature Gap: Confronting Racial and Economic Disparities in the Destruction and Protection of Nature in America*, and more
- Hispanic Access Foundation op-eds: *Latinos Face Challenges Accessing the Outdoors — and Climate Change Is Adding to Those Barriers*, *When a national park erodes environmental justice*, *Latinos favorecen acciones audaces para proteger el medio ambiente*, *Environmental policy must prioritize voices of color*, and more
- The United Nations *World Water Development Report 2020: Water and Climate Change*
- GEF Evaluation Office publications: *The Fifth Overall Performance Study*, the *Annual Performance Report 2013*, and the *Annual Performance Report 2014*
- Freedom House's *Countries at the Crossroads 2012*

LEADERSHIP

- Steering committee member, USNature4Climate

EXPERIENCE

Director of Conservation Programs — **Feb 2020 – present**
Hispanic Access Foundation (HAF) — **Remote**

- Leads $1.5+ million HAF environmental programs: planning, budgeting, fundraising, executing & evaluating initiatives including Latino Conservation Week, the first ever Latino Advocacy Week, the first ever Our Heritage, Our Planet Film Week, policy advocacy campaigns, Latino community engagement and capacity building events, and conservation action networks
- Oversees the creation of reports, events, films, and communications products
- Represents HAF at speaking engagements, to policymakers, coalitions, philanthropic and partner networks, and in interviews with journalists

Consultant — **Feb 2019 – Feb 2020**
World Bank — **Remote**

- Developed report on climate finance, water, and sustainable development for the UN *World Water Development Report 2020: Water and Climate Change*

Administrative Analyst — **Oct 2018 – Mar 2019**
County of San Diego (CoSD) — **San Diego, CA**

- Supported over 30 contracts: prepared trend analyses, reviewed and processed cost reports and requests for proposals
- Conducted fiscal analyses of contract proposals for selection committees
- Tracked expenses and prepared, reviewed, and processed other budget and financial documents

Project Associate — **July 2015 – July 2018**
Climate Interactive (CI) — **Remote**

- Managed project documents, grant applications, and project analytics
- Developed reports and case studies on climate change, resilience, and health
- Created and executed communications plans
- Managed website, blog, social media, and newsletters; created and edited content, infographics, images, and videos
- Planned, prepared, and presented events and webinars in English and Spanish

ADDITIONAL EXPERIENCE

- Junior Professional Associate at the Global Environment Facility (GEF): conducted quantitative analysis, trend analyses, and wrote project evaluation reports (2013-2015)
- Business experience as a photography business owner (2014-2017)
- Taught Latin American History and researched and analyzed Mexican economic trends, civil liberties, and more for Johns Hopkins SAIS (2011-2013)

CERTIFICATIONS

- Project Management for Development Professionals, 1 & 2, by PM4NGOs (2019)
- Development Evaluation, by the Intl. Program for Dev. Eval. Training (2014)

EDUCATION

Johns Hopkins School of Advanced Intl. Studies — **May 2013**
M.A., Intl. Relations and Intl. Economics — **Washington, DC**

- GPA 3.8; Concentration: Latin American Studies

Johns Hopkins University — **May 2011**
B.A., International Studies — **Baltimore, MD**

- GPA 3.9
- Phi Beta Kappa

Ex. 6 Personal Privacy (PP)
San Jacinto, CA 92583
Tel. Ex. 6 - Personal Privacy (PP)
Email: juan@hispanicaccess.org

OVERVIEW

Bilingual bicultural nonprofit leader and ordained minister with 15 years of experience as founder and director of three nonprofit and faith-based organizations in Southern California. Experienced in environmental advocacy and managing small and large teams. Superb public and motivational speaker who can also support people in need one-on-one. Former handyman and shop supervisor proudly versed in blue-collar and white-collar jobs and everything in between.

WORK EXPERIENCE

Conservation Program Associate
Hispanic Access Foundation, January 2022 – Present
Washington, D.C./Remote

Manage regional and national conservation programs for a national nonprofit organization that connects Latinos and others to opportunities. Oversee relations with Por la Creación (For Creation) national network of faith-based conservation leaders, liaising and public speaking in English and Spanish. Co-Chair of California Natural Resource Agency 30x30 Group. Wyss Fellow. Successful fundraiser.

Lead Pastor
Casa del Rey, October 2008 - Present
San Jacinto, CA

Serve on pastoral team that shepherds a church of 400 congregants. Oversee church strategic planning, financial planning, human resources, outreach, and community events.

Outreach Pastor
San Jacinto Assembly, July 2007 - Present
San Jacinto, CA

Oversee and plan all outreach and community events.

Shop Manager
Design Works, June 1998 - July 2007
San Jacinto, CA

Managed printing department.

EDUCATION

Global University, Certified Minister, 2011

Completed coursework in pastoral, management, and leadership education. Credentialed minister with Assemblies of God.

San Jacinto High School, 2001

MEMBERSHIPS

- Hispanic Leadership Network
- Por La Creación
- Jireh Ministries
- Carol's Kitchen
- Boxing For Christ

HOBBIES AND INTERESTS

- Loving husband and father.
- Outdoor sports and recreation enthusiast. Enjoy fishing, hiking, kayaking, and snorkeling.
- Boxing: Youth coach.
- Public speaking: Presenting at and attending conferences and seminars.

LETTERS OF COMMITMENT - INDEX

American Red Cross

Faith Leaders:

- Rev. Dr. Francisco Colop
- First Baptist Church
- Pastora Angelique Acevedo Reyes
- Pastor Luis Roman
- Pastora Rosa Cepeda

Nonprofit Environmental Organizations:

- Conservation Opportunity – Fabiola Torres
- Union of Concerned Scientists – Juan Declet-Berreto
- Surfrider – Hector Varela-Valez

American Red Cross

National Headquarters
Disaster Cycle Services
Preparedness | Response | Recovery

April 11, 2023

Attn. Christine Tamara, Partnership Engagement Director
Hispanic Access Foundation

Dear Christine,

This letter is to confirm that the American National Red Cross (Red Cross) and Hispanic Access Foundation will be signing a Letter of Cooperation next month. The purpose of the Letter of Cooperation will be to describe the ways in which the Red Cross and Hispanic Access Foundation will cooperate to help their communities prepare for, respond to, and recover from emergencies. The Red Cross and Hispanic Access Foundation will agree to strengthen their relationship and work together on projects and activities consistent with their shared goals. The initial period of cooperation will be for three years with the option to extend the agreement if both parties are amenable.

As part of the Letter of Cooperation, we look forward to formalizing our work together in Puerto Rico. This work may entail: Hispanic Access leaders and network members applying to become Red Cross volunteers; the Red Cross offering disaster preparedness and disaster response presentations; both organizations promoting Latino Conservation Week; collaboration on reducing home fire fatalities and injuries; sharing emergency preparedness information; supporting Latino health by offering Red Cross outreach booths at community events; providing information to Hispanic Leadership Network pastors; partnering to distribute emergency supplies after major disasters; Hispanic Access supporting Red Cross blood drives; and Hispanic Access serving as an introduction to Latino communities for the Red Cross.

The American Red Cross, founded in 1881, is dedicated to helping people in need throughout the United States and, in association with other Red Cross networks, throughout the world. Through its mission, the Red Cross prevents and alleviates human suffering in the face of emergencies by mobilizing the power of volunteers and the generosity of donors. The Red Cross provides services to those in need regardless of citizenship, race, religion, age, sex, national origin, disability, sexual orientation, veteran status or political affiliation.

In Partnership,

Armando Falcon
E-Sign 4/11/23 3:29pm EST

Armando B. Falcon, DMC.
Manager, Community Engagement & Partnerships
American Red Cross | National Headquarters
Armando.Falcon2@redcross.org

Rev. Dr. Francisco Colop
Alianza de Ministerios Evangélicos Nacionales
1130 Tillery St.
Austin, TX 78702

Attn. Maite Arce, President and CEO
Hispanic Access Foundation

April 3, 2023

Dear Maite,

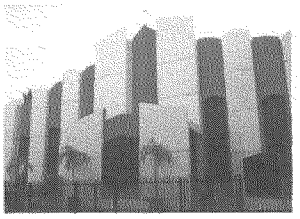
I am pleased to offer this letter of support for your planned Nuestra Costas project. If this project is awarded, I would be delighted to help you recruit more Latino pastors to your faith-based alliance to help lead this project on the ground.

As you know, through my work with Alianza de Ministerios Evangélicos Nacionales (AMEN), I am connected with Latino pastors throughout the country and Puerto Rico. I have been happy over the years to help you build your own faith-based alliance and to recruit pastors to your Hispanic Leadership Network and Por la Creación initiatives. I would certainly be able to help you grow these networks for Nuestras Costas.

Sincerely,

Rev. Dr. Francisco Colop

Primera Iglesia Bautista de Río Piedras



Brumbaugh 1058
Apartado 21342
San Juan, P. R. 00928-1342

Tel. Ex. 6 - Personal Privacy (PP)

e-mail: oficina@pibrp.org

Ms. Maite Arce
President and CEO
Hispanic Access Foundation

April 4, 2023

Dear Maite:

We, the First Baptist Church of Rio Piedras is happy to learn about your "Nuestras Costas" project. It is an important and worthwhile initiative that can certainly help the people of Puerto Rico.

We would be delighted to support "Nuestras Costas" in any way possible. In our church we can get the word out to our community through the church networks and can also offer the church as a meeting place and organizing resource for community gatherings. We understand that we will host two community events per year over a three-year period and will receive $21,000 in total for this work.

It has been an honor to work with Hispanic Access Foundation over the years, and being a member of your Hispanic Leadership Network has been a great experience and support for us. We know your organization well and know you can do an excellent job in executing this important initiative.

Sincerely,

Zoraida Derieux Irizarry
President
Board of Directors
First Baptist Church of Río Piedras

Pastora Angelique M. Acevedo Reyes
P.O Box 371
Guayama, PR 00785

Attn. Maite Arce
President and CEO
Hispanic Access Foundation

April 3, 2023

Dear Maite,

Thank you for letting me know about your Nuestras Costas project. I believe it is an important initiative that can do much to support the people of Puerto Rico who are suffering with climate change.

It has been an honor to partner with Hispanic Access Foundation in the past, and I have benefited greatly from being a part of your Hispanic Leadership Network for faith leaders. I would be most happy to help you with the Nuestras Costas project, should it come to fruition. Specifically, I can help to get the word out about the project through my congregation and professional networks. I can also make meeting space available and help organize your community gatherings. I understand that I will host two community events per year over a three-year period and will receive $21,000 in total for this work.

Sincerely,



Pastora Angelique M. Acevedo Reyes

Iglesia
Bautista Getsemaní
de Colinas Verdes

Carr. 849 KM 1.5
Bo. Santo Domingo
Rio Piedras Puerto Rico
Ex. 6 - Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)
Rvdo. Luis Omar Román Arizmendi, Pastor

April 3, 2023

Attn. Maite Arce
President and CEO
Hispanic Access Foundation

Dear Maite Arce,

I am most excited to learn from your staff about your planned initiative to take place here in Puerto Rico, Nuestras Costas. Puerto Rico needs this project. Our citizens are already suffering the consequences of climate change, and these consequences will only worsen over time.

It has been an honor to participate in Hispanic Access Foundation's Hispanic Leadership Network, and I am happy to offer my support to this new initiative. I would be pleased to use my church network to spread the word about Nuestras Costas and also to offer my church as a meeting space and organizing hub for community gatherings. I understand that I will host two community events per year over a three-year period and will receive $21,000 in total for this work.

Thank you again for letting me know about Nuestras Costas.

Sincerely,

Rvdo. Luis Omar Román Arizmendi

Pastora Rosa Cepeda
Ex. 6 Personal Privacy (PP)
Luquillo, 00773
Puerto Rico

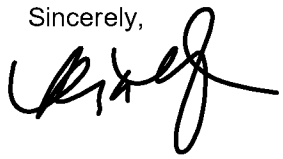
Attn. Maite Arce
President and CEO
Hispanic Access Foundation

April 3, 2023

Dear Maite,

It has been a blessing to me to participate in your Hispanic Leadership Network, and now I am most heartened to learn about your new project to take place in Puerto Rico, Nuestras Costas. The citizens of Puerto Rico very much need any support they can receive to face the changing climate and related challenges that affect us all. I would be delighted to help support the Nuestra Costas project. I would be able to spread the word about this important initiative to the members of my church and to other pastors. I can also offer my church as a meeting and organizing place for community events. I understand that I will host two community events per year over a three-year period and will receive $21,000 in total for this work. Thank you for reaching out to me.

Sincerely,



Pastora Rosa Cepeda

Conservation Opportunity

Fabiola B. Torres Toledo
Founder, President, and Executive Director
Conservation Opportunity
PO Box 1127 Hatillo, Puerto Rico 00659

Attn. Shanna Edberg, Director of Conservation Programs
Hispanic Access Foundation
1030 15th St NW, Suite B/1 # 150
Washington DC 20005

April 6, 2023

Dear Shanna,

Thank you for the invitation to contribute to your planned Nuestras Costas/Our Coasts initiative. I am thrilled to be joining the Olas y Acción ocean advisory council and see the Nuestras Costas initiative as another wonderful opportunity to serve the people of Puerto Rico.

In my current role as founder, president and executive director of Conservation Opportunity, a Puerto Rican-based nonprofit organization, I oversee a staff of seven professionals working to connect individuals with paid and volunteer opportunities in the conservation field. We lead outdoor events such as beach clean-ups, restorations of native plants, working on agroforestry farms, and more. This work is a natural outgrowth of my formal education in ecology and evolutionary biology and of my ongoing work with the U.S. Fish and Wildlife Service.

For your planned Nuestras Costas initiative, I would be delighted to serve as a community facilitator and trainer, leading conversations on climate change and climate science and helping communities to plan climate resilience projects.

Sincerely,

Fabiola Torres-Toledo
Founder, President, and Executive Director
Conservation Opportunity
ftorres@conservationopportunity.org
Ex. 6 - Personal Privacy (PP)

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Juan Declet-Barreto, Senior Social Scientist for Climate Vulnerability
Union of Concerned Scientists
2 Brattle Square
Cambridge MA 02138, USA

Attn. Shanna Edberg, Director of Conservation Programs
Hispanic Access Foundation
1030 15th St NW, Suite B/1 # 150
Washington DC 20005

April 7, 2023

Dear Shanna,

This letter is to confirm that, should you receive funding, I will take part in your Nuestra Costas/Our Coasts project. I would be happy to support the Nuestras Costas initiative in multiple ways, including providing climate science trainings and serving as a facilitator for community resilience planning meetings.

As you know, besides serving on the Hispanic Access Foundation Latino Climate Council, I am a Senior Social Scientist for Climate Vulnerability with the Union of Concerned Scientists (UCS). UCS is a national nonprofit organization founded more than 50 years ago by scientists and students at the Massachusetts Institute of Technology. Its mission is to use rigorous, independent science to solve our planet's most pressing problems. Joining with people across the country, UCS combines technical analysis and effective advocacy to create innovative, practical solutions for a healthy, safe, and sustainable future.

UCS's work extends to the realms of climate change and environmental justice, and our organization is well aware that many of America's poorest residents and people of color, including communities in Puerto Rico, are disproportionately affected by rising ocean levels, worsening storms, urban heat islands, and other impacts of climate change. Thank you for reaching out to me about this important project.

Sincerely,

DocuSigned by:
Juan Declet-Barreto 4/7/2023
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Juan Declet-Barreto, Ph.D.

Héctor Varela Vélez, MBA
Program Manager, Surfrider Foundation Puerto Rico
Ex. 6 Personal Privacy (PP) Isabela Puerto Rico, 00662

Attn. Shanna Edberg, Director of Conservation Programs
Hispanic Access Foundation
1030 15th St NW, Suite B/1 # 150
Washington DC 20005

April 10, 2023

Dear Shanna

I am delighted to join the ocean advisory board of Hispanic Access Foundation's Olas y Acción. I hereby confirm that I will contribute to your planned Nuestras Costas/Our Coasts initiative should funding for the project be found.

As you know, I currently work as a program manager for the non-profit Surfrider in Puerto Rico. In this position, I help communities and develop campaigns and projects to protect and restore different marine reserves throughout the Puerto Rican archipelago.

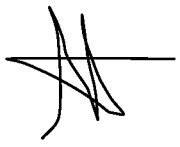
I work in the coordination of environmental and social impact activities promoting community self-management as a resilience tool in the face of climate change.

I look forward to using my experience in community organizing to help the Hispanic Access Foundation facilitate public discussions throughout Puerto Rico on disaster preparedness.

Thank you for this invitation.

Sincerely yours,

Hector Varela-Valez



1. PROGRAM OBJECTIVES

A. PROJECT SUMMARY

Project Title: Nuestras Costas (Our Coasts): Improving Climate Disaster Resilience in Puerto Rican Communities

Project Locations: Puerto Rico: Rio Piedras, 00924; Guyama, 00785; Luquillo, 00773; San Juan, 00928.

Applicant Information: Hispanic Access Foundation, 1030 15th Street, NW, Suite B/1 #150, Washington, DC 20005-1503, Tel. Ex. 6 Personal Privacy (PP) Email: development@hispanicaccess.org

Brief Description of Applicant Organization: Hispanic Access' mission is to connect Latinos and others with partners and opportunities to improve lives and create an equitable society. Through our Hispanic Leadership Network, Por La Creación (For Creation) faith-based alliance, Latino Climate Council, and Olas y Acción (Waves and Action) ocean advisory committee, we recruit, train, resource, and learn from Latino community leaders, empowering them to take action on projects of impact to their local communities.

Are you applying for the Small CBO Set Aside Track for $150,000 projects? (No)

Project Abstract: The Nuestras Costas (Our Coasts) project will help Puerto Rican communities to prepare for and mitigate the effects of climate disasters through public listening sessions, trainings on climate science, disaster-preparedness trainings, and facilitated planning sessions and seed money for small-scale disaster resilience projects. Programming will take place at six tier-1 churches throughout the island, and these same tier-1 churches will be resourced and supported to recruit and train an additional six to eight tier-2 churches each to undertake similar public engagement. Through participation in Latino Conservation Week, tier-1 churches will also share project activities and lessons learned with the general Puerto Rican public and with decision-makers. The six tier-1 target churches, their chosen 36-48 tier-2 churches, and the communities these churches serve will experience improved disaster-resilience, to include both disaster preparedness and mental health resilience.

Project Type(s): Public Education and Training

Special Considerations: Climate Change/Disaster Resiliency

Environmental Issues: Climate change: superstorms, hurricanes, flooding, mudslides, climate stress (and mental health).

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List of Project Partners: Red Cross (National NGO); Discípulos de Cristo (faith-based); Primera Iglesia Bautista de Guayama (faith-based); First Baptist Church of Rio Piedras (faith-based); Soy Lino Fino (faith-based); Conservation Opportunity and Surfrider (Puerto Rican NGOs); Union of Concerned Scientists (National NGO).

This project is not required to develop a QAPp.

B. Environmental and Public Health Information

In the United States and its associate territories, 95,471 miles of shoreline separate the land from the waters. In 2016, these coastal shoreline counties contributed 46% of the nation's total gross domestic product and 40% of the nation's total jobs. In this same time period, nearly 127 million people lived along these shorelines, and 23% of them were Latino. (Gonzalez, 2020). Poverty and economic instability, poor health conditions, and reduced access to social and political resources contribute to Latino population vulnerability, attributes that put these individuals among the approximately 40% of coastal county residents who fall into an "elevated coastal hazard risk category" and that define the communities whose vulnerabilities will be impacted by climate change (Gonzalez, 2020).

An island in the Caribbean, the Commonwealth of Puerto Rico has 311 miles of coastline surrounding a 3,515 square-mile land area (World Factbook, 2022). Of the 3.26 million people who live in Puerto Rico (Census 2020), 93.6% live in urban areas that tend to be located along the coast (World Factbook, 2022). This population is 99% Latino, including 75.8% White, 12.4% Black, 8.5% Indigenous or Asian and Pacific Islander, and 3.3% individuals of multiple races (World Factbook, 2022).

Although Puerto Ricans are U.S. citizens, according to the U.S. Census Bureau (2020) their socioeconomic indicators tend to lag behind those of people living on the U.S. mainland in a number of key dimensions. First, Puerto Ricans are significantly poorer than mainland Americans. Although the median household income in the United States is $64,994, the average Puerto Rican enjoys only a $21,058 household income. Median per capita income on the mainland is $35,384, but only $13,318 in Puerto Rico. While 11.6% of mainland residents live in poverty, a startling 40.5% of Puerto Rican residents live in poverty.

Mattei et al report that Puerto Rico is experiencing "an economic and healthcare crisis." Specifically, "self-reported consumption of fruit (44%) and vegetables (76%), and of meeting physical activity guidelines (8%) suggest unhealthy lifestyle behaviors." The researchers add that "disparities in common chronic conditions also exist, with prevalence of 42% in Puerto Rico vs. 31% in U.S. for hypertension; 39% vs. 36% for high cholesterol, 16% vs. 10% for diabetes; and 9% vs. 6% for coronary heart disease or myocardial infarction; additionally, 66% of island residents have self-reported body mass index (BMI) consistent with overweight or obesity. High

prevalence of cardiometabolic conditions and behavioral risk factors were shown in a 2005 probabilistic cross-sectional study of Puerto Ricans aged 21-79 years." (2018)

According to the EPA's EJScreen tool, the entire Puerto Rican coastline is at risk for six-foot level sea rise (2023). The World Factbook reports that Puerto Rico is experiencing soil erosion, droughts and water shortages, and industrial pollution (2022). The county's IT infrastructure also lags behind mainland United States. Only 72.6% of Puerto Rican households have internet, compared with 91.9% of U.S. households. Similarly, only 64.3% of Puerto Rican households have broadband internet, compared with 85.2% of U.S. households. (Census 2020).

Due to its location in the Caribbean, and exacerbated by climate change, Puerto Rico is also in the path of many superstorms and hurricanes. Hurricane Fiona made landfall on the island on September 18, 2022, causing widespread flooding, mudslides, landslides, and power outages (CNN, September 19, 2022). At the same time that Puerto Rico must now respond to Hurricane Fiona, the island is still recuperating from 2017's Hurricane Maria. The New York Times reports, "Hurricane Fiona arrived in Puerto Rico almost exactly five years after Hurricane Maria struck, a devastating storm from which the island never fully recovered." According to the news outlet, "Years on, housing still hadn't been found for tens of thousands of survivors still living under leaky tarps, while others lived in wrecked homes. A grass-roots movement channeling the anger formed, fueling a popular uprising in 2019 that lasted 15 days and led to former Gov. Ricardo A. Rosselló stepping down." (Victor, 2022).

In the aftermath of Hurricane Maria, 66% of residents reported their homes were damaged as a result of the hurricane. Sixty-six percent of residents experienced a three-month or longer power outage, and 53% were worried about the quality of water in their home (Gonzalez, 2020). The hurricane also deeply affected the island's social structure; 68% of Puerto Ricans had close friends or family members move away from the island as a result of the storm, with three-quarters of these individuals planning to emigrate permanently (Gonzalez, 2020). After Hurricane Maria, moreover, USDA reported that Puerto Rico's tropical rainforest, El Yunque, was "completely defoliated" and "might take a century to recover" (Ferre-Sadurni, 2017).

Besides experiencing disruption in mental health services and lack of access to medication following Hurricanes Maria and Fiona, there is evidence that Puerto Rican mental health has suffered in other ways in the wake of these and other disasters. Depression, anxiety, PTSD, and substance abuse have been demonstrably connected with flooding and coastal disaster experiences (Gonzalez, 2020). The National Council for Mental Wellbeing reports "thousands upon thousands" of residents of Puerto Rico experienced PTSD after Hurricane Maria. A San Juan suicide prevention hotline, moreover, reported calls surging from 2,046 in August 2017 before the hurricane to 4,548 in January 2018 after the hurricane (Howard, 2018). Polanco observes that, since 2017, the island has seen "two Category 5 hurricanes, earthquake swarms,

the COVID-19 pandemic, and almost monthly blackouts. These situations have hung a dark cloud above the lives of many Puerto Ricans" (2022).

People of color, it should be noted, have traditionally been excluded from the U.S. environmental movement. For more than a century, for example, initiatives to protect parks, public lands, and other natural places in the United States have been dominated by White people and perspectives (Purdy, 2015). Discrimination and the framing of environmental priorities through this exclusive lens—bolstered by underrepresentation of people of color at the staff and leadership levels of conservation organizations, foundations, and natural resource agencies—mean that U.S. Latinos often lack access to essential services, miss out on decision making, and are particularly vulnerable to the public health consequences of climate hazards and ensuing natural disasters (Taylor, 2020).

In her 2020 study on Latino coastal communities, moreover, Gonzalez reports the following top-line findings: (1) Quality of life and safety: Latinos are less prepared for, less equipped to deal with, and therefore more vulnerable than the general population to flooding and coastal disasters. (2) Health and well-being: Beach and fishery advisories and closure, or lack thereof, have been demonstrated to disproportionately impact Latino communities.

Working with Puerto Rican churches, the Nuestras Costas (Our Coasts) project will bolster disaster resilience in six tier-1 Puerto Rican communities by holding community listening sessions to learn about local concerns, providing trainings on climate science, providing resiliency training on disaster preparedness and response, and providing these same communities with training and seed money to launch resilience projects of their own. Church leaders in the six tier-1 communities, moreover, will be guided to recruit and train an additional six to eight tier-2 churches each to undertake similar public engagement. Through participation in Latino Conservation Week, tier-1 churches will also share project activities and lessons learned with the general Puerto Rican public and with decision-makers. The six tier-1 target churches, their chosen 36-48 tier-2 churches, and the communities these churches serve will experience improved disaster resilience, to include both disaster preparedness and mental health resilience.

C. Organization's Historical Connection to the Underserved Community

Maite Arce, a Mexican immigrant to the United States, established Hispanic Access Foundation in 2010 with the mission to connect Latinos and others with partners and opportunities to improve lives and create an equitable society. Founded by and for Latinos, we envision a future where every Latino individual in America enjoys good physical health and a healthy natural environment, a high-quality education, economic success, and civic engagement in his or her community with the sum of improving the future of our country. Our board of directors and staff are over 80% Latino and are of European, Indigenous, and African descent. These professionals represent the broad U.S. Latino diaspora, tracing their origins to South, Central, and North

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America as well as the Caribbean. A national nonprofit organization, we understand that our work must be deeply rooted in the local communities we serve; we work to recruit, learn from, and catapult emerging Latino leaders into positions of greater influence.

With our Hispanic Leadership Network (HLN), we train Latino clergy, empowering them to take on new leadership positions in the communities they serve. To date, we have worked with six pastors based in Puerto Rico, providing them with training on mental health, planning and evaluation of mission and program work, financial literacy, self-care, and more. We have also provided peer mentoring and professional networking opportunities to these same pastors.

Hispanic Access maintains standing environmental advisory and justice groups. These include our Por la Creación (For Creation) faith-based alliance, our Olas y Acciones (Waves and Actions) ocean advisory council, our Latino Climate Council, and our Forest Service Advisory Council. Currently, eight Puerto Ricans are involved in these groups. These individuals provide guidance and policy recommendations to Hispanic Access which, in turn, informs our programming and public education. This past January, the Latino Climate Council met in San Juan, Puerto Rico to plan climate change solution strategies for Latino communities in 2023. The group also volunteered at a cacao farm and met with local students to discuss the importance of getting involved in a conservation career. Earlier, in response to Hurricane Fiona, this same group put together a resource list and mutual aid list to support victims of the hurricane.

As part of our Cartas de Amor (love letters) public education and advocacy campaign conducted in conjunction with American Rivers, Puerto Rican Fabiola Torres drafted a love letter to El Yunque National Forest and was featured in a video shared with policy-makers calling for greater protections for the only tropical rainforest in the U.S. national forest system.

Latino Conservation Week (LCW), a national annual initiative to foster Latino recreation in and stewardship of the outdoors, sees regular participation in Puerto Rico. In 2021, we spearheaded four events on the island and four again in 2022. These included a “Festival de Dunas” (Dune Festival) which educated local communities on the value and ecological roles of natural barriers such as sand dunes, and a workshop on the invasive Boa constrictor with information on how to identify these large snakes and how to respond to this threat. Project partners included the U.S. Fish and Wildlife Service as well as local church leaders.

Our 2020 whitepaper, Nuestro Océano y la Costa: Latino Connections to the Ocean and Coast, includes information about threats to the oceans and coasts in Puerto Rico; their impacts on Latino communities; Latino communities’ responses; and recommendations for further public education and advocacy.

Through our MANO Project (My Access to Network Opportunities), launched in 2015, Hispanic Access develops Latino and other minority leaders who share a passion for serving and strengthening their communities. With MANO, Hispanic Access brokers partnerships with federal agencies and recruits college students and recent graduates to serve in rigorous federal internships and fellowships with the National Park Service, the Bureau of Reclamation, the Fish and Wildlife Service, or the Forest Service. To date, more than 565 young professionals have participated in MANO—with many either hailing from or serving in Puerto Rico. Projects these interns have undertaken have included planting 1,700 fruit and native trees in the Community Forest of Río Hondo, launching a summer camp program in Vieques National Wildlife Refuge, and supporting recovery and pollution-mitigation efforts following Hurricane Maria.

Since our founding, Hispanic Access has utilized what we call our "proven process" to ensure our programming derives from and is responsive to the needs of our Latino stakeholders. This eight-step method entails (1) listening to the need, (2) building the strategy, (3) understanding whom to reach, (4) knowing how to reach, (5) making the connection, (6) training and supporting, (7) moving people to action, and (8) tracking, reporting, and promoting. Section D below provides more details on how we will apply this proven process to the Nuestras Costas (Our Coasts) project.

D. EJCPS Model

For the Nuestras Costas/Our Coasts project, Hispanic Access will utilize the following elements of the EJCPS model:

(1) Issue Identification, Community Vision and Strategic Goal Setting: In the first round of community meetings, we will host public listening sessions at six churches in Puerto Rico to learn what issues are most affecting local communities and how those affected most feel they need support.

(2) Community Capacity-Building and Leadership Development: In subsequent rounds of community meetings, we will partner with the Red Cross, members of our Latino Climate Council, and members of our Olas y Acción (Waves and Action) ocean advisory council to offer a series of trainings on those issues identified in Round One. These may cover any or all of the following: climate-change science and global warming, mental health, disaster preparedness, disaster response, First Aid, and CPR.

In addition, this project features a train-the-trainer component whereby Hispanic Access will support tier-1 churches in cultivating additional tier-2 church leaders. These tier-2 church leaders will learn about how the tier-1 churches are promoting disaster resilience programming and will learn how to implement similar programming in their own communities.

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Church leaders and volunteers and members of the general public will also have the opportunity to organize events for and participate in Latino Conservation Week, a national initiative to encourage and foster Latino stewardship of the outdoors.

(3) Consensus Building and Dispute Resolution: Hispanic Access staff and facilitators will guide churches and their communities through the decision-making process of determining what projects to undertake with their pass-through seed grants.

(4) Multi-Stakeholder Partnerships and Leveraging of Resources: Hispanic Access will partner with six tier-1 churches in Puerto Rico which will, in turn, work with an additional 36-48 tier-2 churches. In addition, we will partner with the American Red Cross to provide disaster-resilience training. We also work with our standing advisory committees of Latino professionals—-our Olas y Acción ocean advisory council and our Latino Climate Council. Members of these groups representing the Union of Concerned Scientists, and local Puerto Rican environmental groups, Conservation Opportunity and Surfrider, will facilitate public meetings and roundtable discussions and provide training on climate change and climate science. Finally, through Latino Conservation Week, we partner with hundreds organizations each year to offer events throughout the United States and Puerto Rico. These partners may be for-profit corporations such as Patagonia and REI, nonprofit organizations such as Latino Outdoors, faith-based organizations, and public entities such as national parks and refuges.

Besides receiving training and participating in facilitated public meetings, church partners will also receive seed grants to undertake small-scale resilience projects and will receive grantsmanship training on how to secure additional funding.

(5) Constructive Engagement by Relevant Stakeholders: This project will serve the Puerto Rican general public holding public listening sessions, offering disaster resilience training, and establishing small-scale resilience projects (identified by the affected communities) in six congregations. Project facilitators will be Puerto Ricans.

(6) Sound Management and Implementation: Planning of small-scale resilience projects, to take place in Year 3, will entail "future-proofing," that is, planning for how to avoid potential pitfalls, preparedness for different contingencies, and setting up the projects for successful implementation. At the organizational level, Hispanic Access will manage the project using the Entrepreneurial Operating System (EOS) described below.

(7) Evaluation, Lessons Learned and Replication of Best Practices: This project has been designed using Hispanic Access' proven process of community engagement described above; as such the project already replicates numerous similar initiatives which we have spearheaded across the country. The train-the-trainer component of Nuestras Costas (Our Coasts) will allow

for replication of best practices among 36-48 Puerto Rican churches. Pre- and post-surveys of faith leaders and of public meetings will further allow Hispanic Access to evaluate the programming's effectiveness and to learn how to make adjustments for future projects.

E. Project Linkages

As noted above, people of color, including Latinos, have historically been excluded from the mainstream, predominantly White, environmental advocacy movement (Taylor, 2020). Hispanic Access, a Latino-led and Latino-serving organization, works to correct this narrative by creating opportunities for Latino leadership in this movement. Leading advisory committees for this project will be our standing Latino Climate Council and our Olas y Acción (Waves and Action) ocean advisory council. Both of these groups are composed of Latino environmental professionals, and Puerto Rican members of these advisory committees will serve as community facilitators for the project. The project manager, Juan Rosas, is a bilingual bicultural Latino pastor with extensive experience in working with and mobilizing Latino faith-based communities to advocate for environmental justice. Finally, the target audience for this project will also be Latinos—Puerto Ricans in six communities across the island. Through participation in the Our Coasts (Nuestras Costas) project, these local Puerto Rican community members will learn about climate change and disaster resilience, will speak out on the issues that are affecting them in their communities, will participate in Latino Conservation Week, and will be empowered with seed money and training to undertake the resilience projects they identify as most needed in their local communities.

F. Partnerships and Collaborations

Hispanic Access Foundation, a secular national nonprofit organization, will partner with Puerto Rican churches, Latino environmental advisors from the nonprofit and private sectors, and the American Red Cross to work with six tier-1 and 36 to 48 tier-2 local communities in Puerto Rico.

1. American Red Cross: Hispanic Access Foundation recently negotiated an agreement with this national nonprofit to cooperate, at no cost to one another, in helping communities prepare for, respond to, and recover from emergencies. The initial agreement will be piloted over a three-year period in Puerto Rico, Texas, California, and Florida, with plans to continue and expand programming together in future years.

Founded in 1881, the American Red Cross is dedicated to helping people in need throughout the United States and, in association with other Red Cross networks, throughout the world. Through its mission, the Red Cross prevents and alleviates human suffering in the face of emergencies by mobilizing the power of volunteers and the generosity of donors. In formal discussions with

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Hispanic Access Foundation, the Red Cross has shared with us that it has experienced challenges in bringing its programming to Spanish-speaking communities and in recruiting volunteers from these same Spanish-speaking communities.

Hispanic Access will serve as a conduit and introduction to Latino communities for the Red Cross. While our formal agreement will be codified at a signing ceremony at the end of this month, our draft letter of cooperation foresees the following elements to our partnership: Hispanic Access leaders and network members applying to become Red Cross volunteers; the Red Cross offering disaster preparedness and disaster response presentations; both organizations promoting Latino Conservation Week; collaboration on reducing home fire fatalities and injuries; sharing emergency preparedness information; supporting Latino health by offering Red Cross outreach booths at community events; providing information to Hispanic Leadership Network pastors; partnering to distribute emergency supplies after major disasters; Hispanic Access supporting Red Cross blood drives; and Hispanic Access serving as an introduction to Latino communities for the Red Cross.

2. Latino churches: Faith-based organizations, defined as places of worship or congregations, offer extensive reach into neighborhoods through complex social networks (Asomugha et al, 2011). The National Congregations Study (2006–2007) found that 45% of congregations were involved in formal delivery of social services, while another 27% were involved informally (Chaves and Anderson, 2008). At the same time, organized religion holds a central position in Latino culture. According to the Pew Research Center, 77% of Latinos affiliate with a particular Christian denomination (2019). Churchgoing, moreover, constitutes an important family activity within Latino communities. Forty-five percent of Latino families report parents and teens attend services together at least once or twice a month, while 53% of families also attend church together although less frequently (Sciupac, 2020).

Hispanic Access will work with four of our current Puerto Rican church partners to engage with communities in Guyama, Rio Piedras, Cuquillo and San Juan. These churches have chosen to join the project because they recognize the critical need to improve disaster resilience in the communities they serve. In addition, working with our standing faith advisor, Rev. Dr. Francisco Colop, we will identify two additional tier-1 churches; a pastor of pastors, Rev. Dr. Colop represents 13,294 churches in the United States and Puerto Rico. These tier-1 churches, in turn, will identify 36-48 churches to receive train-the-trainer programming. Each tier-1 church will receive consulting fees to participate in Nuestras Costas (Our Coasts) as well as seed money to launch a small-scale resilience project. Tier-1 churches will be responsible for helping to publicize, organize, and host public events.

As part of our strategic plan, Hispanic Access aims to foster a network of 10,000 faith and grassroots Latino leaders throughout the country by 2033 who will be empowered to undertake

projects of importance to their local communities. Hispanic Access taps regularly into our church networks to spearhead not only environmental programming, but also health outreach, financial literacy training, informal STEM education, and more. Once brought into our network, new church partners can expect ongoing opportunities to partner with and to receive training and support from our organization to focus on those issues impacting them locally.

3. *Latino environmentalists:* Drawing from our advisory committees, Hispanic Access will provide consulting fees to representatives of Surfrider, Conservation Opportunity, and the Union of Concerned Scientists to provide training on climate science and coastal resilience and to facilitate public meetings. These Latino professionals work with and lead organizations missioned to support conservation efforts in Puerto Rico; as such, participation in Our Coasts (Nuestras Costas) provides a forum to further their own organizational goals and career development. These standing advisory committees, moreover, are regular and ongoing components of our greater environmental programming and are supported through numerous funding streams. Thus, the committees' work will continue beyond the project period.

2 CFR Part 2 Compliance: No consultants will receive funding above the EPA micro-purchase threshold of $10,000. The six tier-1 churches, as nonprofit organizations, will receive subawards to host community events, recruit tier-2 churches, and undertake resilience project planning.

2.0 Project Activities/ Milestone Schedule

A. Project Activities

Church recruitment: Four tier-1 churches have already been identified. Two additional tier-1 churches will be identified with the assistance of our standing advisor, Rev. Dr. Francisco Colop, who represents 13,294 churches in the U.S. and Puerto Rico. Tier-1 churches, in turn, will each reach out to six to eight churches each to recruit 36-48 tier-2 churches in total.

Community meetings: Two community meetings will be held each year at each of the six tier-1 churches for a total of 36 such meetings. Meetings will be facilitated by Hispanic Access staff and/or consultants. Meetings will begin with public listening sessions where communities discuss their own experiences with climate change and what types of support they need. In subsequent meeting rounds, local NGOs and the Red Cross will provide information on climate change science, disaster preparedness, disaster response, mental health, and more. In the final year of community meetings, facilitators will help six tier-1 churches to identify and plan one small-scale disaster resilience project each of the church's choosing.

Train-the-trainer: Hispanic Access will develop training materials and a curriculum for the 36-48 tier-2 churches. Tier-2 churches will meet annually and will be briefed on the Nuestras Costas

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(Our Coasts) project. Tier-2 churches will learn how to promote disaster preparedness and response in their own communities, will receive introductions to partners such as the Red Cross and local Puerto Rican environmental NGOs, and will receive training from Hispanic Access on how to fundraise for their own programming.

Latino Conservation Week (LCW): Held annually throughout the United States and its territories, LCW will provide an opportunity for participating churches to showcase their project involvement with their broader communities and with local decision-makers, teaching these audiences about climate change and what can be done about it.

Small project resilience planning: Tier-1 churches will receive $5,000 in seed funding each and facilitated guidance to identify and plan resilience projects of their own. Sample projects may take the form of reclaiming small paved areas, tree and/or grass planting, or installing small solar back-up systems to deliver power during storm-related outages. The Nuestras Costas (Our Coasts) project will conclude with the planning of—and before the implementation of—these small-scale projects.

Evaluation: Hispanic Access will use EOS and Ninety software (described below) to establish and track organizational management metrics for the project. In addition, tier-1 pastors will be surveyed at regular intervals to ensure the project is progressing appropriately and meeting their needs. Attendance will be taken at community meetings/trainings, and all such meetings will include the collection of pre- and post-surveys to determine changes in knowledge, attitudes, and beliefs vis a vis the content of the specific gathering; participants will have the option to respond to surveys using their mobile phones or by filling out paper surveys. Numbers of Latino Conservation Week (LCW) activities will be tracked; in addition, and external to the funding for this project, Hispanic Access is bringing on an independent consultant to evaluate the LCW initiative nationally.

B. Milestone Schedule

Year 1: Community Listening and Climate Education

Quarter 1: Two additional tier-1 churches identified. Planning for Latino Conservation Week. Latino Climate Council and Olas y Acción ocean advisory council meet every other month. Monthly meetings held with Hispanic Access and church partners. Initial project planning. Reporting to EPA as required.

Quarter 2: Two additional tier-1 churches brought on. Planning for Latino Conservation Week. Tier-1 churches identify tier-2 churches. Train-the-trainer materials developed. Latino Climate Council and Olas y Acción ocean advisory council meet every other month. Faith leaders

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complete pre-programming surveys. Community listening and climate science meetings planned, scheduled, and publicized. Monthly meetings held with Hispanic Access and church partners. Evaluation surveys for listening sessions and climate science informational meetings developed. Reporting to EPA as required.

Quarter 3: Community listening sessions held; climate science informational meetings held; attendees pre- and post-surveyed at all events. Latino Conservation Week takes place and metrics collected. Train-the-trainer materials developed. Latino Climate Council and Olas y Acción ocean advisory council meet every other month. Trainings with tier-2 churches planned and scheduled. Reporting to EPA as required.

Quarter 4: Community listening sessions held; climate science informational meetings held; attendees pre- and post-surveyed at all events. Training meetings held for tier-2 churches; attendees complete pre- and post-surveys. Latino Climate Council and Olas y Acción ocean advisory council meet every other month. Reporting to EPA as required.

Year 2: Disaster Preparedness and Response Training

Quarter 1: Planning for Latino Conservation Week. Latino Climate Council and Olas y Acción ocean advisory council meet every other month. Monthly meetings held with Hispanic Access and church partners. Reporting to EPA as required.

Quarter 2: Planning for Latino Conservation Week. Train-the-trainer materials updated. Latino Climate Council and Olas y Acción ocean advisory council meet every other month. Red Cross disaster preparation and disaster response training events planned, scheduled, and publicized. Monthly meetings held with Hispanic Access and church partners. Evaluation surveys for disaster training developed. Reporting to EPA as required.

Quarter 3: Disaster preparedness and disaster response public training held; attendees pre- and post-surveyed at all events. Latino Conservation Week takes place and metrics collected. Latino Climate Council and Olas y Acción ocean advisory council meet every other month. Training with tier-2 churches planned and scheduled. Reporting to EPA as required.

Quarter 4: Disaster preparedness and disaster response public training held; attendees pre- and post-surveyed at all events. Training meetings held for tier-2 churches; attendees complete pre- and post-surveys. Latino Climate Council and Olas y Acción ocean advisory council meet every other month. Reporting to EPA as required.

Year 3: Small Disaster-Resilience Projects Planned

Quarter 1: Planning for Latino Conservation Week. Latino Climate Council and Olas y Acción ocean advisory council meet every other month. Monthly meetings held with Hispanic Access and church partners. Reporting to EPA as required.

Quarter 2: Planning for Latino Conservation Week. Train-the-trainer materials updated. Latino Climate Council and Olas y Acción ocean advisory council meet every other month. Small-project resilience facilitation sessions planned, scheduled, and publicized. Monthly meetings held with Hispanic Access and church partners. Evaluation surveys for resilience-project meetings developed. Reporting to EPA as required.

Quarter 3: Small disaster-resilience project planning meetings held; attendees pre- and post-surveyed at all events. Latino Conservation Week takes place and metrics collected. Latino Climate Council and Olas y Acción ocean advisory council meet every other month. Trainings with tier-2 churches planned and scheduled. Reporting to EPA as required.

Quarter 4: Small disaster-resilience project planning meetings held; attendees pre- and post-surveyed at all events. Training meetings held for tier-2 churches; attendees complete pre- and post-surveys. Latino Climate Council and Olas y Acción ocean advisory council meet every other month. Reporting to EPA as required.

C. Itemized Budget Sheet (submitted as attachment)

3. ENVIRONMENTAL RESULTS

A. Environmental Results. (Logic model is attached.)

B. Performance Measurement Plan

Hispanic Access uses the Entrepreneurial Operating System (EOS) to organize our human energy and to ensure all organizational activities are in alignment with our mission and strategic vision. More than 50,000 companies around the world use EOS, but Hispanic Access has been at the forefront of applying this system in the nonprofit sector to focus our efforts as we "meet, solve problems, plan, prioritize, follow processes, communicate, measure, structure, clarify roles, lead, and manage" (Wickman and Bouwer, 2017).

Using EOS, the Hispanic Access conservation team meets weekly with our senior leadership team to review and discuss ongoing progress and challenges. Activities, goals, milestones, issues, and to-dos are recorded using Ninety project management software to ensure that every task has a deadline, an accountable staff person, and is completed on-time and to quality

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expectations. Issue areas that require special attention and adjustments will be systematically addressed at these same weekly meetings.

The bimonthly meetings of our Latino Climate Council (LCC) and Olas y Acción ocean advisory council (OYA) will help to serve as oversight for the project. LCC and OYA members will be briefed on project progress, accomplishments, and challenges and will provide insight on how to make adjustments to the project as needed. In addition, monthly project meetings will be held with tier-1 churches and with relevant stakeholders.

The project will be evaluated on an ongoing basis, as described above, through regular surveying of tier-1 faith leaders and of all public meetings and by collecting attendance at these meetings. Also described above, Latino Conservation Week will be evaluated nationally by an independent consultant.

C. Sustainability Plan and Community Vision

Various components of the Nuestras Costas (Our Coasts) project will extend beyond the project period: Our Latino Climate Council and Olas y Acción ocean advisory council with their Puerto Rican members are standing committees whose work predates, is funded separately from, and will continue beyond the project period. The same applies to Latino Conservation Week, an annual initiative which began in 2014 and is celebrating its 10th anniversary this year. We fully anticipate that our Puerto Rican partnership with the Red Cross will also continue beyond the project period.

In addition, Hispanic Access has been most successful in funding other conservation projects, as will be noted in the Past Performance section below. We enjoy a robust funding stream from corporate, foundation, and government funders which allows us not only to pursue discrete projects, but also to scale and adapt projects to new venues. Besides funding for our annual initiative, Latino Conservation Week, and our federal internship program, the MANO Project—both of which take place in Puerto Rico—we are also currently pursuing funding from NOAA to develop coastal resilience projects on the island.

By providing seed money and training to the six tier-1 churches, we anticipate that their communities will not only learn permanent, long-term skills for disaster resilience, but that they will also be able to launch self-identified ongoing projects, such as establishing back-up solar systems or reclaiming and greening paved surfaces, which will make a permanent and lasting impact. Finally, through the train-the-trainer component of this project, which will include training in fundraising and which will connect local churches to helpful partners, we hope to sow the seeds for other church communities on the island to launch their own disaster resilience initiatives.

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4. PROGRAMMATIC CAPABILITY

A. Organizational Experience

A multi-issue organization, Hispanic Access' work spans from health outreach to educational opportunity, financial literacy, and environmental justice. Among our many accomplishments, we have created meaningful federal conservation internships for hundreds of young Latino professionals, helped to establish six national monuments protecting more than one million acres of importance to Latino communities, built and trained a network of faith leaders representing more than 150,000 Latino churches in the United States and Puerto Rico, provided free tax preparation and financial literacy trainings to more than 57,000 Latinos, and assisted more than 60,000 Latinos in receiving free health services including cancer screenings and vaccinations. We frame our work through a social justice lens, elevating Latino voices that might otherwise be unheard. Altogether, our work received more than 1,400 media mentions in 2022—on radio, television, and in print—and our CEO was invited to the White House in recognition of our environmental justice efforts.

Hispanic Access' conservation work brings Latino voices to the forefront of conservation policy and stewardship. Latinos consistently poll higher than other demographics in terms of their concern for climate change, support for nature protection, and love of the ocean. Hispanic Access harnesses this potential and activates Latino community leaders as climate and conservation leaders and environmental stewards. We recruit, train, and mobilize Latino community leaders to educate for change in the areas of ocean, public lands, waterways, and climate change. Hispanic Access holds virtual fly-ins and public events; writes op-eds, support and sign-on letters, quotes, and press releases; collects comments; and leads and provides support to joint campaigns and coalitions. Our network members and staff meet regularly with congressional offices and collaborate with the relevant legislative committees and with the Biden administration. Hispanic Access also works to ensure that equity and justice considerations are incorporated into proposed environmental and climate legislation.

Each year, we organize Latino Conservation Week, which connects Latinos to the outdoors through hundreds of recreational events such as bird watching, fishing, and invasive species clean-ups; Latino Advocacy Week, which educates and rallies Latinos across the nation to advocate for environmental protections on Capitol Hill; and Our Heritage, Our Planet film festival, which showcases dozens of environmental films by people of color. Latino Conservation Week 2022 saw Hispanic Access partnering with more than 300 organizations to offer more than 220 public events. For Latino Advocacy Week 2022, more than 450 people attended 11 sessions and events, and our conservation team met with members of congress for discussions on marine sanctuaries, public lands, and historic sites. More than 1,100 filmmakers

submit works annually to our film festival, which then screens 36 of these works for free to the general public.

Hispanic Access' wide array of resources and tools enable Latinos to become stronger, more informed environmental stewards. Each year, we release our Conservation Policy Toolkit and Latino Advocacy Toolkit as well as other reports and white papers. We underwrite environmental films, commission polling on Latinos and the environment, create videos and graphics, tell stories through social media and blogs, and provide guidance on public education and advocacy messaging.

B. Staff Experience

Shanna Edberg, Director of Conservation Programs, will be responsible for the overall direction of the project. Shanna is a longtime conservation advocate and promoter of environmental justice in the U.S. and abroad. She brings to the project an extensive professional background including working in sustainable development at the World Bank and the Global Environment Facility, and in climate policy at the nonprofit Climate Interactive. Prior to that, Shanna worked in Peru to protect forests in the Amazon, researched and published on civil rights in Mexico, and supported city sustainability in Baltimore. She earned her M.A. in Latin American Studies and International Economics from Johns Hopkins University's School of Advanced International Studies (SAIS) and is professionally proficient in Spanish. Shanna has held her current position with Hispanic Access Foundation for over two years, successfully growing our conservation programming and overseeing a staff of five full-time professionals.

Juan Rosas, Program Associate, will oversee the day-to-day management of the project. A bilingual bicultural Latino, Juan has over 15 years of experience as a founder and a director of several nonprofits, including faith-based organizations, in southern California. As the staff leader of Hispanic Access' Por la Creación faith-based alliance, he liaises with a national network of faith leaders and advocates for environmental justice in southern California and nationally. He also serves as co-chair of the California Natural Resource Agency 30x30 Group. Juan, an ordained minister, studied theology, management, and leadership education at Global University. He serves as Lead Pastor for Casa del Rey and as Outreach Pastor for San Jacinto Assembly, two Latino-serving churches. He has held his current staff position with Hispanic Access Foundation for over a year. Previously, he was a member of our Hispanic Leadership Network, a competitive cohort of faith leaders funded by the Lilly Endowment.

C. Expenditure of Awarded Grant Funds

Funds will be expended for each quarter as detailed in the Budget Form SF-424A. Payroll will be expended every two weeks, and consultant fees will be expended monthly. The Director of

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Conservation Programs will submit all project expenditures to Hispanic Access' finance department, led by our Director of Finances, Jesse Rodriguez.

5. Past Performance

USDA Forest Service: $709,163 (Awarded in 2022) The USDA Forest Service award is the latest in an ongoing series of cooperative agreements we have received since 2016. We have met all deliverables and reporting requirements in a timely and successful manner, and continue to receive funding for this project from the USDA Forest Service.

The David and Lucile Packard Foundation: $600,000 (Awarded in 2022) The David and Lucile Packard Foundation award is the latest in a series of conservation and general operating grants we have received from this foundation since 2019. We have met all deliverables and reporting requirements in a timely and successful manner, and continue to receive funding from this foundation.

Environmental Protection Agency: $499,000 (Awarded in 2022) The EPA award is for a project that has yet to be launched, The Air We Breathe (El Aire Que Respiramos) Citizen-Science Air Quality Monitoring.

The Walton Family Foundation: $400,000 (Awarded in 2022) The Walton Family Foundation project was awarded for our freshwater conservation work. While project work has just begun, we have met all deliverables thus far in a timely manner.

U.S. Fish and Wildlife Service: $321,123 (Awarded in 2022) The U.S. Fish and Wildlife Service award is the latest in an ongoing series of cooperative agreements we have received since 2017. We have met all deliverables and reporting requirements in a timely and successful manner, and continue to receive funding for this project from the U.S. Fish & Wildlife Service.

6.0 Quality Assurance Project Plan (QAPP) Information

A public education project, Nuestras Costas (Our Coasts) will not involve the use of existing environmental data or the collection of new data. In reviewing the Appendix F checklist, Hispanic Access has determined that this project does not require a QAPP.

SOURCES

Redacted aith-based organizations, science, and the pursuit of health. J Health Care Poor Underserved. 2011;22(1):50-55. doi:10.1353/hpu.2011.0008

Redacted Continuity and change in American congregations: Introducing the second wave of the national congregations study. Sociology of Religion. 2008;69:415–40.

CNN. "Hurricane Fiona causing 'catastrophic' flooding in Puerto Rico as the territory remains without power." September 19, 2022.

EJScreen: EPA's Environmental Justice Screening and Mapping Tool. Retrieved 4/7/2023 from https://ejscreen.epa.gov/mapper/

Redacted "Another victim of Hurricane Maria: Puerto Rico's treasured rainforest." The New York Times. October 11, 2017.

Redacted Nuestro Océano y la Costa: Latino Connections to the Ocean and Coast. Hispanic Access Foundation. 2020.

Redacted "Puerto Rico's suicide rate continues to rise." National Council for Mental Wellbeing. April 2, 2018.

Redacted "Health conditions and lifestyle risk factors of adults living in Puerto Rico: a cross-sectional study." BMC Public Health. 18(491). 2018.

Pew Research Center. "In the U.S., the decline of Christianity continues at a rapid pace." October 17, 2019.

Redacted "Mental health crisis among Puerto Rico youth getting worse." Latino Rebels. August 22, 2022.

Redacted "Environmentalism's Racist History." The New Yorker. Available at https://www.newyorker.com/news/news-desk/environmentalismsracisthistory.

Redacted The nature gap: Confronting racial and economic disparities in the destruction and protection of nature in America. (July 2020). Center for American Progress and Hispanic Access Foundation.

Redacted Hispanic teens enjoy religious activities with parents, but fewer view religion as 'very important.' Pew Research Center. (September 22, 2020).

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U.S. Census Bureau. Quick Facts. 2022

Redacted "Five years later, Fiona brings back painful memories of Maria." The New York Times. September 19, 2022.

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World Factbook. CIA. 2022.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Ms. First Name: Courtney Middle Name:
Last Name: Bryan Suffix:

Title: Executive Director

Complete Address:

Street1: 520 Eighth Avenue
Street2: 18th Floor
City: New York State: NY: New York
Zip / Postal Code: 10018-6507 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: cbryan@innovatingjustice.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: Mr. First Name: Matthew Middle Name:
Last Name: Savago Suffix:

Title: Chief Financial Officer

Complete Address:

Street1: 520 Eighth Avenue
Street2: 18th Floor
City: New York State: NY: New York
Zip / Postal Code: 10018-6507 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: savagom@innovatingjustice.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: Ms. First Name: Alexandrea Middle Name:
Last Name: Lee Suffix:

Title: Deputy Director, Grants Development & Admin.

Complete Address:

Street1: 520 Eighth Avenue
Street2: 18th Floor
City: New York State: NY: New York
Zip / Postal Code: 10018-6507 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: leea@innovatingjustice.org

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** Ms. **First Name:** Kori **Middle Name:**

Last Name: Robinson **Suffix:**

Title: Project Director, QCJC-TR

Complete Address:

Street1: 1600 Central Avenue

Street2: 5th Floor

City: Queens **State:** NY: New York

Zip / Postal Code: 11691 **Country:** USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: korobinson@innovatingjustice.org

EPA Form 5700-54 (Rev 4-02)

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Justice Innovation Inc.

Address: 520 Eighth Avenue, 18th Floor

City: New York

State: NY: New York Zip Code: 10018-6507

B. Unique Entity Identifier (UEI): NBLYKD15UYP5

C. Applicant/Recipient Point of Contact

Name: Alexandrea Lee

Phone: Ex. 6 Personal Privacy (PP)

Email: leea@innovatingjustice.org

Title: Deputy Director, Grants Development & Admin.

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None.

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None.

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

None.

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

N/A

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

N/A

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Alexandrea Lee	Executive Director	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Justice Innovation Inc.

* b. Employer/Taxpayer Identification Number (EIN/TIN): 85-2810883

* c. UEI: NBLYKD15UYP5

d. Address:

* Street1: 520 Eighth Avenue
Street2: 18th Floor
* City: New York
County/Parish:
* State: NY: New York
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 10018-6507

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Alexandrea
Middle Name:
* Last Name: Lee
Suffix:

Title: Deputy Director of Grants Development & Admin

Organizational Affiliation:

* Telephone Number: Ex. 6 - Personal Privacy (PP)
Fax Number:

* Email: leea@innovatingjustice.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Queens Community Justice Center-The Rockaways: Rock Solid Waste Management Coalition

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: NY-12 * b. Program/Project: NY-05

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 * b. End Date: 10/31/2026

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	500,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☒ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☐ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name: Courtney

Middle Name:

* Last Name: Bryan

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 Personal Privacy (PP) Fax Number:

* Email: cbryan@innovatingjustice.org

* Signature of Authorized Representative: Alexandrea Lee * Date Signed: 04/14/2023

fnofsYM3dzRAgDN92u0gAkc0lYc=

Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Justice Innovation Inc. d/b/a Center for Justice Innovation: Queens Community Justice Center-The Rockaways

1234-Itemized Budget Sheet_FINAL.pdf
application/pdf
Y3q4/GA9HGtho+YfFSl/H+7a3dE=

1235-Proof of Nonprofit Status_JI_501c3 Letter_FINAL.pdf
application/pdf
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1236-Environmental Results - Logic Model_FINAL.pdf
application/pdf
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1237-Letters of Commitment from Partners_FINAL.pdf
application/pdf
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1238-Resumes of Key Personnel_FINAL.pdf
application/pdf
Tc2SNGF6nDZEN2Fp3Sobf+wdYeI=

Justice Innovation Inc.
520 Eighth Avenue, 18th Floor
New York
NY: New York
10018-6507

NBLYKD15UYP5
Alexandrea Lee
EX. 6 - Personal Privacy (PP)
leea@innovatingjustice.org
Deputy Director, Grants Development & Admin.
N: No
None.
None.
None.
N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
N/A
N/A
Alexandrea Lee
Executive Director
2023-04-14

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66.306
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500000.00

500000.00
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500000.00

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37711.58
37711.58

150846.34
174337.53
174816.13

150846.34
174337.53
174816.13

Provisional, 18% of all direct costs = $423,728.82

Application
New
2023-04-14
Justice Innovation Inc.
85-2810883
NBLYKD15UYP5
520 Eighth Avenue
18th Floor
New York
NY: New York

10018-6507
USA: UNITED STATES

Alexandrea
Lee

Deputy Director of Grants Development & Admin
EX. 6 - Personal Privacy (PP)
leea@innovatingjustice.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Queens Community Justice Center-The Rockaways: Rock Solid Waste Management Coalition
NY-12
NY-05
2023-11-01
2026-10-31
500000.00
0.00
0.00
0.00
0.00
0.00
500000.00
b. Program is subject to E.O. 12372 but has not been selected by the State for review.
N: No
Y: Yes
Courtney
Bryan

Executive Director
EX. 6 - Personal Privacy (PP)
cbryan@innovatingjustice.org
Alexandrea Lee
2023-04-14

Ms.
Courtney
Bryan

Executive Director
520 Eighth Avenue
18th Floor
New York
NY: New York
10018-6507
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
cbryan@innovatingjustice.org

Mr.
Matthew
Savago

Chief Financial Officer
520 Eighth Avenue
18th Floor
New York
NY: New York
10018-6507
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
savagom@innovatingjustice.org

Ms.
Alexandrea
Lee

Deputy Director, Grants Development & Admin.
520 Eighth Avenue
18th Floor
New York
NY: New York
10018-6507
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
leea@innovatingjustice.org

Ms.
Kori
Robinson

Project Director, QCJC-TR
1600 Central Avenue
5th Floor
Queens
NY: New York
11691
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
korobinson@innovatingjustice.org

1239-Application Work Plan_FINAL.pdf
application/pdf
NfGUkM4+9mQUhZq8nJWnuKHHjWk=

fnofsYM3dzRAgDN92u0gAkc0lYc=

2023-04-14T17:16:31.000-04:00
Alexandrea Lee
GRANT13861733

Justice Innovation Inc. d/b/a Center for Justice Innovation
Environmental Protection Agency
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
Rock Solid Waste Management Coalition
Budget Narrative
11/01/2023 – 10/31/2026

A. Personnel

Program Manager, Youth and Justice Initiatives, Alexis Harbour: Alexis Harbour is the Program Manager of Youth and Justice Initiatives at the Queens Community Justice Center-The Rockaways (QCJC-TR). Ms. Harbour oversees day-to-day operations of QCJC-TR programming and will provide supervision to staff on Rock Solid WMC. Ms. Harbour will be responsible for recruiting and hiring the Program Coordinator.

In Year 1, working at an annual salary of Ex. 6 Personal Privacy (PP), Ms. Harbour will dedicate Ex. 6 Personal Privacy (PP) of her time to the project, for a cost of Ex. 6 Personal Privacy (PP) to be covered by federal grant funds.

In Year 2, working at an annual salary of Ex. 6 Personal Privacy (PP) Ms. Harbour will dedicate Ex. 6 Personal Privacy (PP) of her time to the project, for a cost of Ex. 6 Personal Privacy (PP) to be covered by federal grant funds.

In Year 3, working at an annual salary of Ex. 6 Personal Privacy (PP) , Ms. Harbour will dedicate Ex. 6 Personal Privacy (PP) of her time to the project, for a cost of Ex. 6 Personal Privacy (PP) to be covered by federal grant funds.

Principal Research & Data Associate, Darya Zlochevsky: The Center for Justice Innovation's Data Analytics and Applied Research (DAAR) team works with operating projects to carry out, coordinate, and supervise data management, data analysis, and research. Darya Zlochevsky serves as a Principal Research & Data Associate at the Center and supports the Queens Community Justice Center-The Rockaways.

In Year 1, working at an annual salary of Ex. 6 Personal Privacy (PP), Ms. Zlochevsky will dedicate Ex. 6 Personal Privacy (PP) of her time to the project, for a cost of Ex. 6 Personal Privacy (PP) to be covered by federal grant funds.

In Year 2, working at an annual salary of Ex. 6 Personal Privacy (PP) Ms. Zlochevsky will dedicate 10% of her time to the project, for a cost of Ex. 6 Personal Privacy (PP) to be covered by federal grant funds.

In Year 3, working at an annual salary of Ex. 6 Personal Privacy (PP) Ms. Zlochevsky will dedicate 10% of her time to the project, for a cost of Ex. 6 Personal Privacy (PP) to be covered by federal grant funds.

Program Coordinator, TBH: The to-be-hired Program Coordinator will be responsible for the overall implementation and administration of the program. The Program Coordinator will serve as the primary point of contact between the Justice Center and the professional advisory team. The Program Coordinator will provide supervision and training to the youth advocacy group.

In Year 1, working at an annual salary of $55,000, the to-be-hired Program Coordinator will dedicate 83.40% of their time to the project, for a cost of approximately $45,868, to be covered by federal grant funds.

In Year 2, working at an annual salary of $56,700 (3% increase), the to-be-hired Program Coordinator will dedicate 100% of their time to the project, for a cost of $56,700, to be covered by federal grant funds.

In Year 3, working at an annual salary of $58,500 (3% increase), the to-be-hired Program Coordinator will dedicate 100% of their time to the project, for a cost of $58,500, to be covered by federal grant funds.

Subtotal Year 1 Personnel Costs: $70,268.03
Subtotal Year 2 Personnel Costs: $81,850.00
Subtotal Year 3 Personnel Costs: $84,430.00

Total Personnel Costs: $236,548.03

B. Fringe Benefits

Fringe benefits are calculated at 32% of salaries and wages for all full-time Center employees. This rate is comprised of the following benefits: Pension at 8.33%, FICA at 7.65%, Unemployment Insurance at 1.09%, Disability at 0.80%, Workers Compensation at 0.47%, Life Insurance at 0.20%, Health and Dental Insurance at 11.30%, New York Metropolitan Commuting Tax at 0.34%, Vacation Accruals at 1.73%, and Other Employee Benefit Funds at 0.09%.

In Year 1, the costs of fringe benefits will amount to approximately $22,486, to be covered by federal grant funds.

In Year 2, the costs of fringe benefits will amount to approximately $26,192, to be covered by federal grant funds.

In Year 3, the costs of fringe benefits will amount to approximately $27,018, to be covered by federal grant funds.

Subtotal Year 1 Fringe Benefits Costs: $22,485.77
Subtotal Year 2 Fringe Benefits Costs: $26,192.00
Subtotal Year 3 Fringe Benefits Costs: $27,017.60
Total Fringe Benefits Costs: $75,695.37

Total Personnel and Fringe Benefits Costs: $312,243.40

C. Travel

None

Total Travel Costs: $0

D. Equipment

None

Total Equipment Costs: $0

E. Supplies

Program Supplies: The Center has budgeted to cover the costs of program supplies, including supplies for workshops, creating infographics, and facilitating community clean-ups.

In Year 1, program supplies costs will amount to $7,400 ($750/month x approximately 10 months), to be covered by federal grant funds.

In Year 2, program supplies costs will amount to $9,000 ($750/month x 12 months), to be covered by federal grant funds.

In Year 3, program supplies costs will amount to $9,000 (approximately $750/month x 12 months), to be covered by federal grant funds.

Participant Booklets: The Center has budgeted to cover the costs of purchasing Roots of Success Student Workbooks for 20 participants to use during the four-month environmental literacy and waste management training period.

In Year 1, participant booklets costs will amount to $3,000 ($300/booklet/participant x 10 participants), to be covered by federal grant funds.

In Year 2, participant booklets costs will amount to $3,000 ($300/booklet/participant x 10 participants), to be covered by federal grant funds.

Laptop: The Center has budgeted for the purchase of a laptop for the to-be-hired Program Coordinator, so they are able to carry out their duties efficiently and effectively.

In Year 1, laptop costs will amount to $1,200 ($1,200/laptop/hire x 1 hire), to be covered by federal grant funds.

Subtotal Year 1 Supplies Costs: $11,600
Subtotal Year 2 Supplies Costs: $12,000
Subtotal Year 3 Supplies Costs: $9,000
Total Supplies Costs: $32,600

F. Construction

None

Total Construction Costs: $0

G. Contractual

Roots of Success: Roots of Success is an environmental literacy and jobs training program that strengthens academic and professional skills, increases environmental literacy, increases financial literacy and social entrepreneurship, and prepares participants to work in 100+ jobs in environmental sectors and to improve environmental conditions in their communities and build resilience to climate change. Roots of Success has two customized curricula for high schools and programs working with high schools aged youth. The curriculum and training are being used across the country in high schools, alternative schools, CTE high schools, green academies, juvenile facilities, and community colleges. Roots of Success will train the Program Coordinator to facilitate the curriculum. After completing the training, the Program Coordinator will gain access to ongoing technical support, all of the videos and visuals needed to teach the course, a nationwide network and community of practice, English and Spanish versions of materials, and supplemental materials to deepen students' understanding of issues and keep content current and up to date.

In Year 1, Roots of Success will train and certify the Program Coordinator to facilitate the Roots of Success curriculum, for a cost of $3,800, their standard training fee, to be covered by federal grant funds.

TBD: The Center has budgeted to cover the costs of to-be-determined trainings for participants to be exposed to and learn about relevant expertise in the waste management, civic engagement, advocacy, and environmental justice subject areas.

In Year 1, at a rate of $650/day, the Center has budgeted for three trainings, for an approximate cost of $1,667 ($650/day x 3 days), to be covered by federal grant funds.

In Year 2, at a rate of $650/day, the Center has budgeted for three trainings, for an approximate cost of $1,667 ($650/day x 3 days), to be covered by federal grant funds.

In Year 3, at a rate of $650/day, the Center has budgeted for three trainings, for an approximate cost of $1,667 ($650/day x 3 days), to be covered by federal grant funds.

Subtotal Year 1 Contractual Costs: $5,466.66
Subtotal Year 2 Contractual Costs: $1,666.67
Subtotal Year 3 Contractual Costs: $1,666.67
Total Contractual Costs: $8,800

H. Other Costs

Cellphones for Staff: The Center calculates cell phones at $660 per FTE ($55/month per phone x 12 months). The Center has budgeted for cell phone costs to cover the to-be-hired Program Coordinator.

In Year 1, with approximately 0.83 FTE dedicated to the project by the Program Coordinator, cell phone costs will amount to approximately $550 ($660/FTE x 0.83 FTE), to be covered by federal grant funds.

In Year 2, with 1.00 FTE dedicated to the project by the Program Coordinator, cell phone costs will amount to $660 ($660/FTE x 1.00 FTE), to be covered by federal grant funds.

In Year 3, with 1.00 FTE dedicated to the project by the Program Coordinator, cell phone costs will amount to $660 ($660/FTE x 1.00 FTE), to be covered by federal grant funds.

Recruiting Fees: The Center has budgeted to cover the costs of recruiting fees to hire the to-be-hired Program Coordinator. Based on past experience, the Center budgets recruiting fees for new hires at a rate of $90/new hire.

In Year 1, recruiting fees will amount to $90 ($90/hire x 1 hire), to be covered by federal grant funds.

Participant Support Costs (Stipends): The Center has budgeted to cover the costs of compensating participants for their work as part of the Youth Advocate Team. Participants will be eligible to receive up to $200/month for each 16-month cohort, for a total of $3,200 per participant.

In Year 1, stipend costs will amount to $16,000 ($200/month/participant x 8 months x 10 participants), to be covered by federal grant funds.

In Year 2, compensation costs will amount to $24,000 ($200/month/participant x 12 months x 10 participants), to be covered by federal grant funds.

In Year 3, compensation costs will amount to $24,000 ($200/month/participant x 12 months x 10 participants), to be covered by federal grant funds.

Participant Support Costs (MetroCards): The Center had budgeted to cover the costs of MetroCards for participants to travel to and from program activities to lower the barrier to participation.

In Year 1, MetroCard costs will amount to $1,375 ($2.75/ride x 500 rides), to be covered by federal grant funds.

In Year 1, MetroCard costs will amount to $1,375 ($2.75/ride x 500 rides), to be covered by federal grant funds.

In Year 1, MetroCard costs will amount to $1,375 ($2.75/ride x 500 rides), to be covered by federal grant funds.

Subtotal Year 1 Other Costs: $18,015.42
Subtotal Year 2 Other Costs: $26,035.00

Subtotal Year 3 Other Costs: $26,035.00
Total Other Costs: $70,085.42

I. Indirect Costs

The Center for Justice Innovation charges a federally approved indirect cost rate to all of its projects in order to cover administrative expenses. This amount is calculated at 18% of the total direct costs and covers: fiscal services, including payroll, accounts payable, accounts receivable, audit, grant management, tracking and monitoring; human resources, including personnel and benefits administration; administrative oversight of all programs; general management; risk management; and legal support.

In Year 1, calculated against direct costs, indirect costs will total approximately $23,010, to be covered by federal grant funds.

In Year 2, calculated against direct costs, indirect costs will total approximately $26,594, to be covered by federal grant funds.

In Year 3, calculated against direct costs, indirect costs will total approximately $26,667, to be covered by federal grant funds.

Subtotal Year 1 Indirect Costs: $23,010.46
Subtotal Year 2 Indirect Costs: $26,593.85
Subtotal Year 3 Indirect Costs: $26,666.87
Total Indirect Costs: $76,271.18

Subtotal Year 1 Total Project Costs: $150,846.34
Subtotal Year 2 Total Project Costs: $174,337.53
Subtotal Year 1 Total Project Costs: $174,816.13
TOTAL PROJECT COSTS: $500,000

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF ENVIRONMENTAL JUSTICE AND EXTERNAL CIVIL RIGHTS (OEJECR)
CENTER FOR JUSTICE INNOVATION
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM / CFDA 16.306
11/1/2023 - 10/31/2026

Budget Detail Worksheet

A. Personnel -- List each position by title and name of employee, if available. Show the annual salary rate and the percentage of time to be devoted to the project. Compensation paid for employees engaged in grant activities must be consistent with that paid for similar work within the applicant organization.

Position		Computation YR 1	YR 2	YR 3	Year One	Year Two	Year Three	TOTAL
		FTE	FTE	FTE				
Benefits Eligible								
Program Manager, Youth and Justice Initiatives	Harbour, Alexis Palladian	20%	20%	20%				
Principal Research & Data Associate	Zlochevsky, Darya	10%	10%	10%				
Program Coordinator	TBH	83%	100%	100%				
Total	Total FTE	113%	130%	130%	**70,268.03**	**81,850.00**	**84,430.00**	**236,548.03**

B. Fringe Benefits - Fringe benefits should be based on actual known costs or an established formula. Fringe benefits are for the personnel listed in the budget category (A) and only for the percentage of time devoted to the project. Fringe benefits on overtime are limited to FICA, Workman's Compensation, and Unemployment Compensation.

Fringe Benefits are comprised of:	Full Time	Part Time
FICA	7.65%	7.65%
NY Metropolitan Commuting Tax	0.34%	
Health & Dental Insurance	11.30%	
Pension	8.33%	
Unemployment Insurance	1.09%	4.33%
Long and Short-Term Disability	0.80%	0.64%
Workers Compensation	0.47%	0.37%
Life Insurance and AD&D	0.20%	
DCAP/Health Flexible Spending	0.04%	
Employee Benefit Funds (TransitChek)	0.05%	
Vacation Accruals	1.73%	
Total Fringe Benefits Rate	32.00%	12.99%

Position		Computation YR 1 Salary	YR 2 Salary	YR 3 Salary	Fringe Rate	Year One	Year Two	Year Three	TOTAL
Benefits Eligible									
Program Manager, Youth and Justice Initiatives	Harbour, Alexis Palladian				32.0%				
Principal Research & Data Associate	Zlochevsky, Darya				32.0%				
Program Coordinator	TBH				32.0%				
Total						**22,485.77**	**26,192.00**	**27,017.60**	**75,695.37**
Total Personnel and Fringe Benefits						**92,753.80**	**108,042.00**	**111,447.60**	**312,243.40**

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF ENVIRONMENTAL JUSTICE AND EXTERNAL CIVIL RIGHTS (OEJECR)
CENTER FOR JUSTICE INNOVATION
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM / CFDA 16.306
11/1/2023 - 10/31/2026

Budget Detail Worksheet

E. Supplies - List items by type (office supplies, postage, training materials, copying paper, and expendable equipment items costing less than $5,000, such as books, hand held tape recorders) and show the basis for computation. Generally, supplies include any materials that are expendable or consumed during the course of the project.

Supply Item				Computation				Year One	Year Two	Year Three	TOTAL
		Cost per Item		YR 1	YR 2	YR 3					
Program Supplies		$750.00	x	9.87	12	12		7,400.00	9,000.00	9,000.00	25,400.00
Program Supplies	Participant Booklets	$300.00	x	10	10	0		3,000.00	3,000.00	0.00	6,000.00
Laptop		$1,200	x	1	-	-		1,200.00	0.00	0.00	1,200.00
Total								**11,600.00**	**12,000.00**	**9,000.00**	**32,600.00**

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF ENVIRONMENTAL JUSTICE AND EXTERNAL CIVIL RIGHTS (OEJECR)
CENTER FOR JUSTICE INNOVATION
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM / CFDA 16.306
11/1/2023 - 10/31/2026

Budget Detail Worksheet

G. Consultant/Contracts - Indicate whether applicant's formal, written Procurement Policy or the Federal Acquisition Regulations are followed.

Name of Consultant/Contract	Service Provided	Computation									Year One	Year Two	Year Three	TOTAL
		Rate				# Units	YR 1	YR 2	YR 3					
Roots for Success	Training curriculum on illegal dumping, waste management and environmental justice	$3,800	per training				1	-	-		3,800.00	0.00	0.00	3,800.00
TBD	As-needed trainings on illegal dumping, waste management and environmental justice	$650	per day				3	3	3	-	1,666.67	1,666.67	1,666.67	5,000.00
Total							**Subtotal**				**5,466.67**	**1,666.67**	**1,666.67**	**8,800.00**

H. Other Costs - List items (*e.g.*, rent reproduction, telephone, janitorial or security services, and investigative or confidential funds) by major type and the basis of computation. For example, provide the square footage and the cost per square foot for rent, and provide a monthly rental cost and how many months to rent.

Description		Annual Rate/FTE						Annual FTE			Year One	Year Two	Year Three	TOTAL
		YR 1	YR 2	YR 3				YR 1	YR 2	YR 3				
Cellphones for Staff		$660	$660	$660				83%	100%	100%	550.42	660.00	660.00	1,870.42
Recruiting Fees		$90	$90	$90				1.00	0.00	0.00	90.00	0.00	0.00	90.00
Participant Support Costs	Stipends	$200	$200	$200				80.00	120.00	120.00	16,000.00	24,000.00	24,000.00	64,000.00
Participant Support Costs	MetroCards	$2.75	$2.75	$2.75				500.00	500.00	500.00	1,375.00	1,375.00	1,375.00	4,125.00
Total											**18,015.42**	**26,035.00**	**26,035.00**	**70,085.42**

I. Indirect Costs - Indirect costs are allowed only if the applicant has a Federally approved indirect cost rate. A copy of the rate approval (a fully executed, negotiated agreement) must be attached. If the applicant does not have an approved rate, one can be requested by contacting the applicant's cognizant Federal agency, which will review all documentation and approve a rate for the applicant organization, or if the applicant's accounting system permits, costs may be allocated in the direct cost categories.

Description		Computation									Year One	Year Two	Year Three	TOTAL
		YR 1	YR 2	YR 3										
Indirect Costs calculated at 0.18 of all direct project costs		127,836	147,744	148,149			x		18%		23,010.46	26,593.86	26,666.87	76,271.19
90(**Total**											**23,010.46**	**26,593.86**	**26,666.87**	**76,271.19**

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF ENVIRONMENTAL JUSTICE AND EXTERNAL CIVIL RIGHTS (OEJECR)
CENTER FOR JUSTICE INNOVATION
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM / CFDA 16.306
11/1/2023 - 10/31/2026

Budget Detail Worksheet

Budget Summary - When you have completed the budget worksheet, transfer the totals for each category to the spaces below. Compute the total direct costs and the total project costs. Indicate the amount of Federal funds requested and the amount of non-Federal funds that will support the project.

Budget Category		YEAR ONE	YEAR TWO	YEAR THREE	TOTAL
A. Personnel		70,268.03	81,850.00	84,430.00	236,548.03
B. Fringe Benefits		22,485.77	26,192.00	27,017.60	75,695.37
E. Supplies		11,600.00	12,000.00	9,000.00	32,600.00
G. Consultants/Contracts		5,466.67	1,666.67	1,666.67	8,800.00
H. Other		18,015.42	26,035.00	26,035.00	70,085.42
I. Indirect Costs		23,010.46	26,593.86	26,666.87	76,271.19
	TOTAL PROJECT COSTS	150,846.34	174,337.53	174,816.13	500,000.00

INDIRECT COST NEGOTIATED AGREEMENT

Non-Profit Institutions

Name: Justice Innovation, Inc.
520 Eighth Avenue
New York, New York 10018

Date: March 9, 2022

Filing Ref: This is first negotiated agreement.

The indirect cost rate(s) contained herein is for use in grants and contracts with the Federal Government subject to the conditions contained in Section II.

SECTION I: RATES

OVERHEAD

Type	Effective Period From	To	*Rate	Locations	Applicable to
Provisional	07/01/2022	06/30/2024	18.00%	All	All Programs

***Base**: Modified total direct costs, consisting of all salaries and wages, fringe benefits, materials, supplies, services, travel and sub-grants and sub-contractors up to the first $25,000 of each sub-grant or sub-contract (regardless of the period covered by the sub-grant or sub-contract). Modified total direct costs shall exclude equipment, capital expenditures, charges for patient care, tuition remission, rental costs of off-site facilities, scholarships, fellowships as well as the portion of each sub-grant and sub-contract in excess of $25,000.

***Treatment of Fringe Benefits:** Fringe benefits applicable to indirect salaries and wages are treated as indirect cost.

SECTION II: GENERAL

A. **LIMITATIONS**: Use of the rate(s) contained in this agreement is subject to any statutory or administrative limitations and is applicable to a given grant or contract only to the extent that funds are available. Acceptance of the rate(s) agreed to herein is predicated upon the conditions: (1) that no costs other than those incurred by the grantee/ contractor via an approved Central Service Cost Allocation Plan were included in its indirect cost pool as finally accepted and that such incurred costs are legal obligations of the grantee/contractor and allowable under the governing cost principles; (2) that the same costs have been treated as indirect costs have not been claimed as direct costs; (3) that similar types of costs have been accorded consistent treatment; and (4) that the information provided by the grantee/contractor which was used as a basis for acceptance of the rate(s) agreed to herein is not subsequently found to be materially inaccurate.

B. **ACCOUNTING CHANGES**: The rate(s) contained in this agreement are based on the accounting system in effect at the time the proposal was prepared and the agreement was negotiated. Changes to the method of accounting for costs which affect the amount of reimbursement resulting from the use of this rate(s) require the prior approval of the office responsible for negotiating the rate(s) on behalf of the Government. Such changes include but are not limited to changes in the charging of a particular type of costs from indirect to direct. Failure to obtain such approval may result in subsequent cost disallowances.

C. **REIMBURSEMENT**: Indirect cost reimbursement on all awards will be determined based upon the indirect cost rates established for the fiscal period in which the applicable direct expenditures are incurred.

D. **NOTIFICATION TO FEDERAL AGENCIES**: Copies of this document may be provided to other Federal offices as a means of notifying them of the agreement contained herein.

E. **SPECIAL REMARKS**: Federal programs currently reimbursing indirect costs to this Department/Agency by means other than the rate(s) cited in this agreement should be credited for such costs and the applicable rate cited herein applies to the appropriate base to identify the proper amount of indirect costs allocated to the program.

U. S. DEPARTMENT OF JUSTICE
Office of Justice Programs

WILLIAM PARK Digitally signed by WILLIAM PARK Date: 2022.03.21 11:22:11 -04'00'

Signature: William Park, FSB
Grants Financial Management Division
Office of the Chief Financial Officer

Justice Innovation, Inc

Signature:

Courtney Bryan, Executive Director
Name and Title:

3/10/2022
Date:

Department of the Treasury
Internal Revenue Service
Tax Exempt and Government Entities
P.O. Box 2508
Cincinnati, OH 45201

Date:
10/19/2021
Employer ID number:
85-2810883
Person to contact:
Name: Jason Sammons
ID number: 31616
Telephone: Ex. 6 - Personal Privacy (PP)
Accounting period ending:
June 30
Public charity status:
170(b)(1)(A)(vi)
Form 990 / 990-EZ / 990-N required:
Yes
Effective date of exemption:
July 29, 2020
Contribution deductibility:
Yes
Addendum applies:
No
DLN:
26053512004681

JUSTICE INNOVATION INC
C/O SUSAN MCCLURE
Ex. 6 Personal Privacy (PP)
NEW YORK, NY 10075

Dear Applicant:

We're pleased to tell you we determined you're exempt from federal income tax under Internal Revenue Code (IRC) Section 501(c)(3). Donors can deduct contributions they make to you under IRC Section 170. You're also qualified to receive tax deductible bequests, devises, transfers or gifts under Section 2055, 2106, or 2522. This letter could help resolve questions on your exempt status. Please keep it for your records.

Organizations exempt under IRC Section 501(c)(3) are further classified as either public charities or private foundations. We determined you're a public charity under the IRC Section listed at the top of this letter.

If we indicated at the top of this letter that you're required to file Form 990/990-EZ/990-N, our records show you're required to file an annual information return (Form 990 or Form 990-EZ) or electronic notice (Form 990-N, the e-Postcard). If you don't file a required return or notice for three consecutive years, your exempt status will be automatically revoked.

If we indicated at the top of this letter that an addendum applies, the enclosed addendum is an integral part of this letter.

For important information about your responsibilities as a tax-exempt organization, go to www.irs.gov/charities. Enter "4221-PC" in the search bar to view Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, which describes your recordkeeping, reporting, and disclosure requirements.

We sent a copy of this letter to your representative as indicated in your power of attorney.

Sincerely,

Stephen A. Martin
Director, Exempt Organizations
Rulings and Agreements

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Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) Bayside, New York 11361 • Phone: Ex. 6 - Personal Privacy (PP) • E-Mail: Ex. 6 - Personal Privacy (PP)

Education

University of Phoenix 12/2007
M.S. in Administration of Justice Phoenix, AZ

Lincoln University 12/2004
B.S. in Criminal Justice Studies Lincoln University, PA
Minor in Psychology

University of Notre Dame *11/2020*
Executive Certification in Nonprofit Leadership & Management Notre Dame, IN

Experience

Center for Justice Innovation **08/2021-Present**
Project Director, Queens Community Justice Center-The Rockaways **Queens, NY**

- Lead the strategic planning and implementation of all Justice Center programming and services.
- Oversee fundraising and budget management.
- Develop and maintain relationships with funders, government officials and stakeholders.
- Work with local and city-wide stakeholders to expand on placemaking, workforce development, and technology strategies.
- Identify community hot spots and work with staff to create programming that empowers residents, creates civic opportunities for youth, reduces crime and sparks community revitalization.
- Participate in regularly scheduled meetings with staff and partnering agencies to ensure proper referrals and case management for Justice Center participants.
- Work with the Queens Community Justice Center-Jamaica Project Director to ensure seamless cross-site collaborations.
- Approve, develop, maintain and track the social media and marketing materials.
- Prepare grant progress reports and other program reports as needed.
- Supervise senior program staff and develop training and support systems for supervisees and subcontractors while providing support for all staff, interns and volunteers.

Police Athletic League Inc. (PAL) **04/2019-08/2021**
Programs Training & Professional Development Manager **New York, NY**

- Serves as the Program Unit's key advisor on training and professional development implementing strategic OCFS and youth development trainings for optimal program impact.
- Mapping out training plans and schedules, designing and developing training programs both outsourced and internal.
- Research new training initiatives and materials to enhance the agency's training procedures and provide value to staff
- Conduct organization-wide training needs assessments and identify skills or knowledge gaps that need to be addressed.
- Support the Grants, Research and Evaluation and Advancement Departments to devise government funding proposals and ensure contractual requirements.
- Oversee CPR training team, internal training staff and professional development consultants.
- Maintain and create content for the PAL training and professional development website.
- Build relationships with corporate representatives, potential board members, and volunteers to raise awareness of PAL's youth mentoring programs.
- Solicit cash, in-kind donations and sponsorships from individuals, businesses, or government donors.

Police Athletic League Inc. (PAL) **03/2017-04/2019**
Field Director & Girl Talk Program Director **New York, NY**

- Responsible for the management COMPASS elementary school programs, SONYC middle school programs and BEACON after school programs with an annual budget of over $5 million dollars.
- Mentor and supervise site directors and their site staff to ensure program development, implementation and evaluation.
- Oversee centers' compliance with contractual obligations and mandates for the Department of Youth and Community Development, Department of Health (DOH) and Department of Education.
- Ensure program quality through frequent program observations, assessments and individual staff coaching.

Police Athletic League Inc. (PAL) **07/01/2014-03/2017**
Pathways Prep, Center Director **Queens, NY**

- Developed innovative SONYC afterschool and summer day camp programming that meet requirements for PAL and DYCD.
- Hired, trained and evaluated assigned program staff and volunteers; reviewing progress and recommending changes.
- Established relationships with school administration and staff, parents, local community-based organizations and other program stakeholders to promote the agencies mission.
- Ensured program compliance with DYCD and safety compliance with the Department of Health (DOH).
- Managed a program budget of over $350, 000 monitoring expenditures and revenue through sound fiscal control; and making recommendations for future budget appropriations.

Community Mediation Services Inc. (CMS), **07/2012-12/2013**
The Parent Pledge Project, Program Director **New York, NY**

- Collaborated with the Human Resources Administration (HRA), The Office of Child Support Enforcement (OCSE) and NYC Mayor's Office to develop an innovative parenting initiative.
- Created a Program Policies and Procedures Manual to outline values, vision, and goals for The Parent Pledge Project.
- Conducted outreach for organizations like the New York City Housing Authority, Division of Youth and Community Development, The Door, Saint Paul's Community Baptist Church, and The Children's Aid Society.
- Trained community-based partners and government agencies to ensure effective and efficient referral services.
- Recruited and train a panel of mediators on the NYS Child Support Standards Act and Cultural Diversity.
- Wrote Mediator's Manual and supervised mediators to ensure compliance with the program's values, vision, goals, and applicable law.
- Convened and chaired regularly scheduled meetings to review program status and conduct ongoing mediation training.

Community Mediation Services Inc. (CMS), NYC Family Court Mediation Program **10/2008-10/2010**
Mediation Manager/Juvenile Resolution Specialist **New York, NY**

- Built credibility, established rapport, and maintained communication with stakeholders in NYC Family Court
- Managed case progress, tracked upcoming court dates, and maintained all case documentation.
- Coordinated and supervised a panel of paid consultant mediators.

Community Mediation Services Inc., United Way School-Based Programs **3/2006-10/2008**
Educational Support Specialist **Brooklyn, NY**

- Developed attendance improvement strategies and crisis intervention consultations with school personnel.
- Provided feedback and counseling to youth regarding grades, social skills, behavior, and anger management.
- Increased the program's growth by securing new partnerships, consulting engagements and by developing new initiatives.
- Participated in multi-disciplinary teams of teachers, psychologists, social workers, guidance counselors, case managers and school security agents.

Memberships

Delta Sigma Theta Sorority Inc., Queens Alumnae Chapter *04/2003 to Present*
Girl Scout Council of Greater New York, Service Unit Manager & Troop Leader *10/2011 to Present*

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Ex. 6 - Personal Privacy (PP) | Ex. 6 - Personal Privacy (PP) | Ex. 6 Personal Privacy (PP)

A decade of extensive nonprofit experience in direct care service, budget analysis, and philanthropy. Experience in child welfare; gender-based, domestic, intimate partner (IPV) violence; public policy; and community engagement. Skills include graphic design, CRM, marketing and communications, and workshop facilitation. Limited Spanish fluency; interest in family and criminal law, international affairs, and interfaith religious practice.

Crisis Counselor [Short-Term Contract]
NY Project Hope FEMA | Children of Promise, Brooklyn NY
May 2021 - Present

- Integral in developing strategic marketing plan for securing partnerships with food pantries, boosting reach as three-person team to over 500+ Brooklyn residents in a under a month
- Conduct outreach to Brooklyn residents and community-based organizations to mitigate barriers to services and obtaining resources due to COVID
- Provide brief counseling and referrals to individuals experiencing loss, housing instability, and food insecurity
- Advocate and implement better practices between FEMA and partner organizations to build community trust

Associate Consultant [Freelance Contract]
Philanthropy Unbound, Brooklyn, NY
November 2019 – October 2020
[Clients include ABFE; Grantmakers for Girls of Color (G4GC); Sankofa, Inc.]

- Demonstrated deep commitment to addressing lack of diversity in charitable giving to marginalized communities of color composed of cisgender girls and women and gender expansive individuals
- Created visual concepts, using Canva or by hand, for presentations, marketing materials, and other design projects requested by clients
- Compiled information on trends in philanthropy affecting girls, women, and TGNC individuals of color, and on thought leaders seeking to strengthen capacity-building of sectors in crisis
- Provided excellent written and verbal communication skills through general administrative support, maintaining client newsletters, and creating copy for Philanthropy Unbound's Medium posts

Budget Analyst, ACS Division of Youth and Family Justice
NYC Mayor's Office of Management and Budget (OMB), New York, NY
August 2018 – October 2019

- Monitored NYC Administration for Children's Services' Department of Youth and Family Justice's $180M+ financial portfolio during Raise the Age implementation
- Collaborated with ACS leadership, finance and procurement team, and OMB analysts to maintain strategic communication and collaboration while fine-tuning cross-programmatic contracts with vendors and external partners
- Evaluated funding solicitation and changes in budget requests and expenditures from year to year for potential discrepancies in approved scheduling, including capital projects and hiring progress
- Composed work plans, monthly reports, memos, and presentations of financial impact for high level staff including public and political opinions affecting policy development, site and programming issues, and behavioral trends affecting retention of staff and youth in care

Overnight Crisis Counselor [ProMed Staffing Temp]
NYC Well | Vibrant Emotional Health, New York, NY
April 2018 – August 2018

- Conducted brief telephone crisis intervention for local and national callers of suicide hotline, NYC Well, during overnight and weekend shifts, for diverse groups, including white and immigrant callers

- Performed mental and emotional health assessments to provide referrals to therapy, food pantries, shelters, and other service providers
- Coordinated the routing of first responder and hospital Mobile Crisis Teams to homes of youth and adults suspected of psychiatric crisis and impaired reasoning
- Served as a mandated reporter for child and elder abuse, and prioritizing interventions for suspected incidents of gun, domestic, and sexual violence

Community Development Specialist
Bridging Access to Care, Brooklyn, NY
June 2016 – October 2016

- Conducted research on policy and regional trends of substance use among youth of color, including assessments and focus groups with LGBTQ-identified and court-involved youth participants, and site visits to community groups to access its effects on HIV infection rates in East Brooklyn
- Managed communication and marketing for community organizing, promotions, and other activities to promote interest in capacity building
- Coordinated Substance Abuse and Mental Health Services Administration (SAMHSA) town hall in consultation with cultivated panel of community leaders addressing sexual health, environmental, and economic justice
- Initiated the coalition of nearly 10 youth-led communities of practice for court-involved and vulnerable populations to address youth substance use and the prevention of new HIV infections

Family Foster Care Case Planner, *Abbott House*, Bronx, NY 2014 – 2015
Streetworks Youth Advocate, *Safe Horizon*, New York, NY 2012 – 2013
Youth Development Counselor [AmeriCorps], *Good Shepherd Services*, Bronx, NY 2010 – 2011
Transitional Independent Living Counselor, *Girls Educations and Mentoring Services (GEMS)*, New York, NY 2010

INTERSHIP EXPERIENCE

Program Development Intern, *The Laundromat Project*, New York, NY 2012
Policy, Advocacy and Research Intern, *FPWA*, New York, NY, 2011 – 2012
Adolescent Portable Therapy Intern, *Vera Institute for Justice*, Brooklyn, NY 2011
External Affairs and Events Intern, *Council of Urban Professionals*, New York, NY 2010
Development and External Affairs Intern, *Ms. Foundation for Women*, Brooklyn, NY 2010

VOLUNTEER EXPERIENCE

Participatory Review Committee Member
NYC Fund for Girls and Young Women of Color, New York, NY
October 2017 – October 2019

- Reviewed shortlisted NYC grant applicants committed to advancing the leadership development of gender non-binary, girls, and young women of color to combat gender inequity, by facilitating site visits, reviewing proposals, and making formal recommendations to members of the Fund composed of 16 foundations led by both NoVo and New York Women's Foundations

EDUCATION

Bachelor of Arts, Sociology
CUNY City College of New York, New York, NY
May 2014

JOB DESCRIPTION
Queens Community Justice Center- The Rockaways
Program Coordinator, Rock Solid Waste Management Coalition

The Queens Community Justice Center– The Rockaways seeks a Program Coordinator to oversee the Justice Center's Rock Solid Waste Management Coalition initiative. The Rock Solid Waste Management Coalition will focus on illegal dumping of hazardous and nonhazardous waste on the Far Rockaway peninsula. This initiative will train, educate, and compensate Far Rockaway youth to become researchers, action-takers, and advocates against illegal dumping on the Far Rockaway peninsula.

Reporting to the Program Manager of Youth and Justice Initiatives, the Program Coordinator will be responsible for the development, management, and execution of the program's objectives. The Program Coordinator will work closely with members of the professional advisory team and be responsible for forming the youth advocate team.

Responsibilities include but are not limited to:

- Work closely with the Program Manager of Youth and Justice Initiatives to develop and oversee the implementation of a robust program schedule that includes workshops, trainings, and community events;
- Recruit, train, and manage two cohorts of 10 youth advocates;
- Facilitate and coordinate joint meetings between the professional advisory and youth advocate teams;
- Ensure program data is consistently collected and entered into relevant databases in accordance with internal and/or external program framework and contractual obligations.
- Provide administrative support to the program department team, including assisting with data entry, stipend payments, and contracts.
- Oversee grant implementation, ensuring all reporting requirements and deliverables are met;
- Routinely meet with community stakeholders and staff to provide updates and troubleshoot issues;
- Represent QCJC-TR at community events and meetings, as requested;
- Develop systems and provide oversight for data tracking, reporting, and fiscal operations;
- Complete all required reporting in a timely manner, with support from the Center's Development Department;
- Actively maintain a work culture conducive to innovation and team building;
- Build and maintain relationships with partners and community stakeholders;
- Provide services in a culturally competent manner that is responsive to the needs of

program youth.

Qualifications The ideal candidate will have a bachelor's degree with at least two years of relevant experience working closely with justice-involved youth and families. Candidates should possess knowledge and understanding of environmental justice and sustainability, as well as experience with community organizing and relationship building. The Program Coordinator will be required to have strong team skills, problem solving abilities, excellent written and verbal communication, and an ability to work in a fast-paced, multi-disciplinary environment. Candidates must be comfortable navigating interdisciplinary settings and must be willing to roll up their sleeves and be actively involved in day-to-day operations. Candidate must possess in-depth knowledge of best practices in youth work including leadership development, strengths-based practices, and trauma informed approaches. Additional requirements include:

- A minimum of two years' experience working with youth, specifically in the context of educational and social programs
- Knowledge of program management and development procedures
- Candidate must have administrative experience and experience facilitating group programming and must be committed to using holistic and strengths-based approaches.
- Tech savvy with demonstrated proficiency with: Google Suite and MS Office applications including PowerPoint, Office, and Excel. Knowledge and proficiency of virtual meeting platforms such as Google Meets, Teams, and Zoom.
- Ability to manage multiple priorities simultaneously and adhere to firm timelines
- Ability to facilitate and effectively manage projects and initiatives
- Demonstrated ability to work collaboratively with a variety of community stakeholders and partner agencies
- Experience in community outreach and organizing and must have the ability to work with people from diverse backgrounds in a culturally competent manner.
- In-depth knowledge and familiarity of the Far Rockaway community and the Peninsula at large;
- Fluency in English required; fluency in Spanish highly desired but not necessary

Position Type: Full-time, some nights and weekends are required

Hello

My name is Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) (she/her).
I am a Research enthusiast based in Brooklyn, NYC.

CURRICULUM VITAE

Contact

Email: c Redacted

Ex. 6 Personal Privacy (PP) (she/her) is a social designer and data feminist who is radically optimistic about the future. She is passionate about research, facilitation, building relationships, community & social justice. Her areas of interests are centered around social determinants of health, resilient people & communities. She tackles wicked problems with systems thinking and human-centered design.

Education

2021 School of Visual Arts, MFA Design for Social Innovation
2018 Columbia University, MA Psychology
2013 John Jay College of Criminal Justice, BA Psychology & Law

Experience

Principle Research & Data Associate
Center for Justice Innovation
Data Analytics and Applied Research Department (DAAR)
November 2021-Present

Responsibilities:
Creating logic models to assist in data discussions.
Implementation of data management systems and data processes.
Setup of data systems.
Metrics development to track activities and assess outcomes based on understanding of programs, community and staff input, existing literature and cutting edge practices in the relevant fields.
Oversee research/evaluations, fieldwork, data analysis, reporting, and metrics tracking.
Work with project director and programs staff to set priorities for research and data collection, and promote data-driven program operations.
Coordinate and work with program staff and senior management to write funding proposals and plan and implement new programs.
Liaise with other Center sites to translate the data processes and metrics developed for the program and assist those sites with incorporating them.
Track and analyze the impact of the programs work with the community and with individuals.
Extract, code, clean, and analyze data from large databases.
Oversee and/or produce statistical reports and analysis (e.g. regarding program volume, service linkages or compliance rates)
Directly supervise DAAR staff at associate and senior associate levels.
Work individually and collaboratively on a small team within the larger department.
Work closely with team management to streamline, document, and standardize data management and analysis practices across Community Development and Crime Prevention programs at the Center.
Serve as Principal Investigator (PI) on research projects and coordinate with external research partners.
Conduct and/or oversee proficient analytic and writing work in all stages of the research process.
Coordinate with development staff and fiscal staff on contracts and data deliverables.

UX Researcher for Ukrainian Digital Tool
United States Holocaust Memorial Museum
Freelance
May 2021-September 2021

Responsibilities:
Conducted interviews with ukrainian students & educators.
Conducted user testing with ukrainian students & educators.
Designed and lead participatory research activities with ukrainian students & educators.
Selected research methods.
Planned research activities.
Synthesized research findings.
Worked with a multidisciplinary team and across various departments.
Designed and presented research findings to stakeholders.

Hello

Research and Brain Bank Coordinator Columbia University Medical Center Department of Neurology, Movement Disorders 05/2019-11/2021
Lab Projects: The influence of on electrical Neuromodulation in human behaviors including impulse control utilizing a combination of diffusion tensor imaging (DTI), a neuropsychological battery, and quality of life measures; Observational and clinical trials research of spinocerebellar ataxias; The use of instrumental footwear that performs out of the lab measurements on subjects walking patterns.
Responsibilities:
Selection of appropriate research methods based on project/goal.
Survey design and selection of assessment tools for studies based on research psychometric properties.
Conducting statistical analyses using multivariate methods.
Data entry, data clean up, and database maintenance.
Subject recruitment, screening, enrollment and running research visits.
Administering neuropsychological, behavioral, motor, and medical screening questionnaires. Conducting structured and semi-structured interviews.
Writing, editing and submitting grants and manuscripts. Conducting in-depth literature reviews.
Supervise research assistant, medical students and volunteers. Present at research meetings and conferences.

Research Associate
New York Psychiatric Institute, Columbia University Division of Epidemiology
07/2015-4/5/2018
Lab Projects: Studies in the SubSaharan Africa, Gacaca trials mental health impact, apartheid, suicide in perpetrators, Intergenerational Transmission of Trauma, Intimate Partner Violence, antisocial behaviors and empathy in post-conflict societies.
Responsibilities:
Field research in Rwanda (Kigali & Butare) in January 2017 for second wave longitudinal
study on post genocide mental health outcomes in the community samples of victims, accused and bystanders.
Supervised local interviewers, and sitting in on interviews during visits to the village.
Back and forward translation of assessments and interview packet, according WHO standards of practice. Subject and interviewer randomizations.
Rating Scale selection based on knowledge of the field, literature reviews, psychometric properties, and feasibility.
Conducted meta-analyses and database cleanup.

Publications

Ex. 6 Personal Privacy (PP) (2017)
Postural Tremor and Ataxia Progression in Spinocerebellar Ataxias. Tremor and Other Hyperkinetic Movements.

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) (2017) Dystonia and Ataxia Progression in Spinocerebellar Ataxias. Parkinsonism & Related Disorders.

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) (2019).
Tremor in the Degenerative Cerebellum: Towards the Understanding of Brain Circuitry for Tremor. The Cerebellum.

Ex. 6 Personal Privacy (PP) (2019).
Multiple system atrophy with predominant striato-nigral degeneration and TDP-43 pathology: an unusual variant of MSA (MDCP-19-0083). Movement Disorders Clinical Practice

Ex. 6 Personal Privacy (PP) (2022) "Keep Showing Us That You're Here for Us": Rockaway Youth Talk About Safety, Justice, and Programming. Center for Justice Innovation

PROFESSIONAL EXPERIENCE

Center for Court Innovation, New York, NY
Executive Director
2020–present

The Center for Court Innovation is an award-winning national justice reform organization with an $89 million budget and staff of over 600. The Center seeks to create a fair, effective, and humane justice system by designing and implementing operating programs, performing original research, and providing expert assistance to reformers around the world. The Center's two dozen community and court-based programs reduce incarceration, address underlying needs, repair harm, strengthen neighborhoods, and promote racial and gender justice. Researchers conduct independent evaluations nationally and action research to inform the Center's operating programs. Teams of experts help jurisdictions plan, implement, and evaluate new programs, practices and policy to build a better justice system.

JPMorgan Chase & Co. Global Philanthropy, New York, NY
Region Executive
2017–2020

JPMorgan Chase & Co. Global Philanthropy contributes $350 million annually to non-profit organizations around the world to promote inclusive economic growth in four key areas: jobs and skills, small business expansion, neighborhood revitalization, and financial health. Lead the firm's philanthropy strategy from Boston to Miami, managing a $35 million annual budget and a team of program officers.

SELECT ACCOMPLISHMENT
· Led Second Chance Initiative, a firm-wide commitment to supporting greater economic opportunities for people with criminal convictions by improving hiring efforts, advocating for policy reforms, and investing in community organizations that serve justice-involved residents.

Center for Court Innovation, New York, NY
2008–2017

Staff Director, Independent Commission on New York City Criminal Justice and Incarceration Reform (2016–2017)

Directed multi-agency staff team for the commission chaired by former New York State Chief Judge Jonathan Lippman, which convened in 2016 and issued *A More Just New York City*, a blueprint that successfully argued for closing Rikers Island. Oversaw all Commission activities: policy and data analysis, public engagement, political outreach, communications, and fundraising.

Director, Criminal Justice Programs (2014–2017)

Managed the Center's $20 million criminal justice portfolio. Supervised city-wide programs that employed nearly 200 staff and serve 40,000 clients each year. Cultivated partners in government, private sector, and nonprofit sector to develop, fund, and launch new initiatives. Served as member of senior leadership team.

SELECT ACCOMPLISHMENTS
· Launched ambitious court reform projects that are national models: the Brooklyn Young Adult Court and the Supervised Release Program.
· Led organization-wide strategic planning process, which resulted in priorities related to mission, fundraising, staff development, and management.

Project Director, Midtown Community Court (2009–2014)

Oversaw all operations, managed $2 million annual budget, and developed programming for award-winning community court in Midtown Manhattan, which provides defendants with services, such as drug treatment, mental health counseling, and job training, in lieu of jail.

SELECT ACCOMPLISHMENTS

· Developed and implemented the Center's national training and expert assistance program on prostitution and human trafficking.

· Authored Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

· Secured funding for significant expansions: workforce development and fatherhood program, which surpassed outcome targets; and Human Trafficking Intervention and Adolescent Diversion Courts, which significantly reduced incarceration and criminal convictions.

Coordinator, Domestic Violence Programs (2008–2009)

Provided expert assistance to jurisdictions creating domestic violence courts in New York State by convening stakeholders, providing training, and developing strategic and operations plans.

SELECT ACCOMPLISHMENTS

· Built human trafficking initiative by securing federal and private funding.

· Developed statewide judicial training and created pilot program to improve services for battered women charged with crimes.

The Legal Aid Society, Brooklyn, NY
Staff Attorney, Criminal Defense Practice
2005–2008

Represented indigent clients charged with felony and misdemeanor offenses in Kings County Criminal and Supreme Courts. Managed 125+ caseload and all aspects of holistic representation, including criminal court litigation, social service assistance, and coordinating with outside counsel on civil court matters. Conducted several trials and hearings resulting in favorable case outcomes, including acquittal.

National Clearinghouse for the Defense of Battered Women, Philadelphia, PA
Staff Attorney
2004–2005

National advocacy organization that promotes fair and equal justice for battered women charged with crimes connected to their abuse. Conducted legal research and provided consulting to defense teams (private attorneys and appointed counsel, experts and advocates) to build client's defense.

Center for Court Innovation, New York, NY
1998–2001

Mediation Coordinator, Crown Heights Community Mediation Center (2000–2001)
Associate, Community Justice (1998–2000)

EDUCATION

Juris Doctorate
Temple University School of Law

Bachelor of Arts, with honors, Political Science and French
The University of Georgia

BOARDS/ COMMITTEES

Centre for Justice Innovation, UK (2020–present)
Center for Court Innovation, Advisory Board (2018–2020)
South Orange Village Center Alliance, Board Member (2018–present)
Kings County District Attorney Eric Gonzalez, Justice 2020 Task Force (2018–2019)
New York City Diversion and Reentry Council (2016–2017)
New York City Supervised Release Steering Committee (2016–2017)
New York City Task Force on Behavioral Health and the Criminal Justice System (2014)
New York City Bar Association, Criminal Justice Operations Committee (2011–2012)

BAR ADMISSION

New York State Bar, Third Department, 2005

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PROFESSIONAL EXPERIENCE

Center for Justice Innovation, New York, NY (formerly Center for Court Innovation)

Chief Financial Officer ***5/2022-Present***

- Oversees the Fiscal Department, including Financial Planning, Controller, and Finance Operations
- Works with the Executive Director, Executive Leadership team, and Board to manage the Center's strategy and fiscal health
- Informs key stakeholders of financial status and investment plans

Director, Financial Planning & Analysis ***5/2019-4/2022***

- Developed and prepared organizational and project based financial reports
- Worked with Project Directors to develop budgets and forecasts for revenue & operating expenses
- Managed project grants, budgets, revenue, expenditure,s and contract compliance
- Analyzed project costs and variances to budget and forecast
- Reviewed monthly close and submit adjusting journal entries as needed
- Reconciled accounting reports to budgets and produce project forecasts and variance analysis explanations
- Generated, maintained, and automated financial reporting for Directors and senior staff
- Analyzed financial, accounting, and operational data to support strategic decision making
- Identified key performance indicators and drivers of change within the financial results and report findings to senior staff
- Managed relationships & reporting to government agencies, private funders and other outside stakeholders
- Functioned as a liaison to the Center's parent organization to ensure accurate programmatic and grant/project income & expense reporting & compliance
- Supervised fiscal department staff
- Provided financial preparation support to Development Department as needed
- Managed accounting of organizational revenues
- Managed internal and external financial reporting models
- Managed financial review and approval of the Center's revenue and expense contracts
- Drove the organization's annual budgeting and forecasting processes

Deputy Director, Finance ***8/2017-4/2019***

- Drive process and coordinate the development of the organization's annual budget of over $60 million
- Ensure programmatic success through accurate and effective financial grant management
- Assist with the record compilation and response to findings for the OMB circular A-133 annual audit

Associate Director, Finance ***8/2016-7/2017***

- Managed the grants, revenue, expenditures, and contract compliance for a nine-department portfolio with a combined annual operating budget of over $30 million
- Work closely with Project Directors to promote ongoing fiscal compliance and ensure fiscal responsibility

Fiscal Manager ***10/2014-7/2016***

- Review monthly close reports for accuracy and submit adjusting journal entries as needed
- Develop and submit budgets to funders in request for proposal stage
- Maintain agency wide timekeeping process for more than 300 employees

Fiscal Associate ***3/2013-9/2014***

- Managed implementation of ADP software, including the development of a staff manual
- Input and maintain budget reports using FundWare and MS Excel
- Review and reconcile accounts payable and credit card statements for payment utilizing MS Access

Bernard Hodes Advertising, New York, NY

Credit and Collections Analyst ***8/2011-3/2013***

- Reconciled accounts, including misapplied payments and on-account cash payments
- Monitored and analyzed daily aging reports to ensure accuracy
- Assessed credit worthiness of new clients and established accounts

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) ● Niskayuna, NY, 12309 ● Ex. 6 - Personal Privacy (PP) ● Ex. 6 - Personal Privacy (PP)

EDUCATION

State University of New York at Albany, Albany, NY **August 2020**
Masters of Business Administration, Management
Pace University, New York, NY **May 2011**
Bachelor of Business Administration in International Management; Minor in Economics

ADDITIONAL QUALIFICATIONS

- Certified Nonprofit Accounting Professional
- Certified by the United States Department of Justice in Financial Grants Management

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) • Ex. 6 Personal Privacy (PP) • NEW YORK CITY

EDUCATION

Johns Hopkins University
2017 B.A. Global Social Change and Development

- Double-major concentration in International Studies and Sociology
- Research-intensive program
- Gained critical understanding of the complex impact of globalization

Khon Kaen University

- Conducted social research concerning the status of human rights across Thailand
- Wrote and published articles n identified human rights abuses
- Organized human rights festival for four hundred stiizens, and several NGO's and ambassadors

SKILLS

Languages

- Advanced Mandarin
- Intermediate Thai

Technical Skills

- MS Office
- Data Analysis using State, ArcGIS
- Literature review, data collection, data cleaning
- Salesforce (CRM); Agiloft (contract database)

ACTIVITIES

Family Mentor, Youth Mentor
2012-2015 International Rescue Committee

Co-President, Member
2012-2015 Amnesty International Member

EXPERIENCE

Center for Justice Innovation
2022-Current Deputy Director, Grants Development & Administration

- Co-lead development team responsible for $90+ million annual budget comprised of federal, state, city, and private funding.
- Manage the fundraising and grant requirements for a portfolio of Center operating programs, departments, and initiatives.
- Hire, supervise, and develop a multi-level team of Managers and Associates to ensure balanced capacity and ongoing professional growth.
- Conduct regular organization-wide risk analysis to guide strategic planning.
- Responsible for database management: maintaining data; adapting software for evolving needs; tracking and reporting on trends to executive leadership.
- Work with the Director of Development Operations to plan and implement strategies to improve the processes by which the department and other Center staff collaborate on grants and fundraising management.
- Coordinate grants-related processes required for transition to new independent entity.
- Enhance departmental effectiveness through implementation of project management tools; creation of standard processes; and development of all staff training and onboarding materials

2021-22 Associate Director, Grants Development & Administration
2019-21 Development Manager

- Of note: Leader and content creator for annual year-end fundraising campaign, including email blasts, social media, mailings, etc. to expand individual donor base.

2018-19 Development Associate

International Rescue Committee
2016 Case Management Intern

- Persistently advocated for refugees in the face of systemic challenges and personal bias when securing fundamental services.
- Conducted orientations (cultural, language, transportation); accompanied clients to appointments; carried out check-ins.
- Supported case manager responsible for fifty refugee families.

Baltimore Rent Court Study
2015 Researcher

- Evaluated and bettered research and survey.
- Conducted interviews for data collection; cleaned data using excel; analyzed data using STATA, ArcGIS.
- Presented findings to the Maryland Public Justice Center.

Friends of the Beach 59th Street Playground Association, Inc.

April 13th, 2023

Marianne Engelman-Lado
Acting Principal Deputy Assistant Administrator
U.S. Environmental Protection Agency
Office of Environmental Justice and External Civil Rights

Dear Acting Principal Deputy Assistant Administrator Engelman-Lado,

On behalf of Friends of Beach 59th Street Playground Association, I am pleased to provide this Letter of Commitment for the Queens Community Justice Center-The Rockaways (QCJC-TR), a project of the Center for Justice Innovation (Center), in support of its proposal for funding pursuant to the Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program Request for Applications. Through this initiative, QCJC-TR will train and educate community members to decrease hazardous and non-hazardous waste and to become researchers and advocate against illegal dumping.

A recipient of an Innovations in American Government Award from Harvard University and the Ford Foundation and a Peter F. Drucker Award for nonprofit innovation, the Center for Justice Innovation (formerly the Center for Court Innovation) is a national leader in the development, study, and dissemination of initiatives that address urgent issues related to safety, justice, and community well-being. Bridging the gap between systems and communities, the Center runs more than 30 community-based programs in all New York City boroughs and beyond to co-create safe and vibrant communities alongside residents, court actors, government agencies, elected officials, and other community-based organizations. Most relevantly, the Center designs and operates many successful, results-driven programs for young people, including alternative-to-detention programs, work readiness programs, mentoring programs, and anti-violence programs focused on bettering outcomes for high-risk youth and supporting the development of youth leaders. Center programming also includes several community service and community cleanup initiatives, where staff work with residents and community groups to identify neighborhood projects that respond to local needs.

The Queens Community Justice Center-The Rockaways was launched by the Center in 2021 in Far Rockaway, Queens, to serve as a local hub for alternative-to-incarceration programming, youth development, and community safety initiatives. QCJC-TR invests in residents and provides services to address public safety, promote healing and mental health, revitalize underutilized public spaces, stimulate economic mobility, and prevent further justice system involvement. QCJC-TR accomplishes this through youth development programming like the Rock Steady Youth Initiative; addressing disinvestment in the Far Rockaway community through the Love Where You Live Program, resident-led placekeeping projects, and community service days; and providing reentry support to formerly incarcerated individuals and their families through the Family Healing Project.

Friends of Beach 59th Street Playground Association is a local community-based organization dedicated to the improvement of the Beach 59th Street Playground that also works to create a safe environment for the

community by educating youth and inspiring them to treat their neighborhood with care. QCJC-TR has partnered with Friends of Beach 59th Street Playground Association to hold a community cleanup on the Rockaway peninsula, from 54th Street to 62nd Streets.

If funding is secured, Friends of Beach 59th Street Playground Association is committed to supporting the Center's Queens Community Justice Center-The Rockaways and its project under the EJCPS program. Friends of Beach 59th Street Playground Association will support with hosting community cleanups, and Director Florence Ferguson will serve on the professional advisory team. The partnership between QCJC-TR and Friends of Beach 59th Street Playground Association is a non-financial relationship, and support will be provided in-kind.

This is an important project that is responsive to community need, and I am confident in the Queens Community Justice Center-The Rockaways' ability to successfully implement it. Given QCJC-TR's expertise and the Center's long history of providing effective programming for young people and their communities, I encourage your favorable consideration of the QCJC-TR's proposal for this significant project.

Sincerely,

Florence Ferguson
President
Friends of the Beach 59th Street Playground Association, Inc.

Ex. 6 - Personal Privacy (PP)

Ex. 6 - Personal Privacy (PP)

Queens High School for Information, Research and Technology
821 Bay 25th Street, Far Rockaway, New York 11691
Ex. 6 - Personal Privacy (PP) Phone Ex. 6 - Personal Privacy (PP) Fax
Mahendra Singh, Principal
Shanique Nelson, Assistant Principal Matthew Levine, Assistant Principal Robert Reiman, Assistant Principal IA

03/27/2023

Marianne Engelman-Lado
Acting Principal Deputy Assistant Administrator
U.S. Environmental Protection Agency
Office of Environmental Justice and External Civil Rights

Dear Acting Principal Deputy Assistant Administrator Engelman-Lado,

On behalf of the Queens High School for Information, Research, and Technology (QIRT), I am pleased to provide this Letter of Commitment for the Queens Community Justice Center-The Rockaways (QCJC-TR), a project of the Center for Justice Innovation (Center), in support of its proposal for funding pursuant to the Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program Request for Applications. Through this initiative, QCJC-TR will train and educate youth community members to decrease hazardous and non-hazardous waste and to become researchers and advocate against illegal dumping.

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Queens High School for Information, Research, and Technology (QIRT) serves students in grades 9 to 12 in Far Rockaway, Queens, New York. QIRT is committed to enhancing students' academic experience by encouraging and learning through personal discovery.

If funding is secured, QIRT is committed to supporting the Center's Queens Community Justice Center-The Rockaways and its project under the EJCPS program. QIRT will support with outreach and recruitment of youth for the program. QIRT will also recommend administrative staff to sit on the professional advisory team. The partnership between QCJC-TR and the QIRT is a non-financial relationship; QIRT's support will be provided in-kind.

This is an important project that is responsive to community need, and I am confident in the Queens Community Justice Center-The Rockaways' ability to successfully implement it. Given QCJC-TR's expertise and the Center's long history of providing effective programming for young people and their communities, I encourage your favorable consideration of the QCJC-TR's proposal for this significant project.

Sincerely,

Candice Green

Candice Green
Community School Director
Queens High School for Information Research & Technology
CGreen@ucsuft.org
Ex. 6 - Personal Privacy (PP)

NYC Parks

City of New York
Parks & Recreation
The Arsenal
Central Park
New York, NY 10065
nyc.gov/parks

April 11, 2023

Marianne Engelman-Lado
Acting Principal Deputy Assistant Administrator
U.S. Environmental Protection Agency
Office of Environmental Justice and External Civil Rights

Dear Ms. Engelman-Lado,

I am pleased to provide this letter of support for the Queens Community Justice Center-The Rockaways (QCJC-TR), a project of the Center for Justice Innovation (Center), in support of its proposal for funding under the EJCPS Cooperative Agreement Program. QCJC-TR proposes to train and educate youth community members to decrease hazardous and non-hazardous waste and to become researchers and advocate against illegal dumping. NYC Parks will support QCJC-TR with hosting cleanups and will provide staff representation on the professional advisory board.

I have had the pleasure of collaborating with the Center for Justice Innovation (formerly Center for Court Innovation) on several initiatives. They are known for their commitment to community-building, seeking equitable solutions and methods, and ensuring that all diverse stakeholders are represented. The Rockaway Peninsula has historically been under-invested and sees considerable disparity in resources and facilities. The Far Rockaway neighborhood in particular faces challenges of equality, geography, access to critical services, and disinvestment. In recent years, the City has moved to reinvest in Far Rockaway and its residents with the Downtown Far Rockaway initiative and other efforts to bolster infrastructure, open space, housing stock, commercial opportunities, and cultural resources. QCJC-TR plays a vital role in providing human services, interventions, and engagement to complement public and private sector investments in hard infrastructure.

If this initiative moves forward, NYC Parks is committed to supporting the QCJC-TR the EJCPS program. We will provide access and support hosting community cleanups at and around the Rockaway Beach and Boardwalk as well as provide staff representation on the professional advisory board. The partnership between QCJC-TR and NYC Parks Rockaway Beach Headquarters is a non-financial relationship, and support will be provided in-kind.

This is an important project that is responsive to community need, and I am confident in QCJC-TR's ability to successfully implement it. Given their expertise and the Center's long history of providing effective programming for young people and their communities, I encourage your favorable consideration of the QCJC-TR's proposal for this significant project.

Sincerely,

Eric Peterson
Rockaway Administrator

QUEENS COLLEGE

Department of Urban Studies

March 30, 2023

Marianne Engelman-Lado
Acting Principal Deputy Assistant Administrator
U.S. Environmental Protection Agency
Office of Environmental Justice and External Civil Rights

Dear Acting Principal Deputy Assistant Administrator Engelman-Lado,

I am pleased to provide this Letter of Commitment for the Queens Community Justice Center-The Rockaways (QCJC-TR), a project of the Center for Justice Innovation (Center), in support of its proposal for funding pursuant to the Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program Request for Applications. Through this initiative, QCJC-TR will train and educate community members to decrease hazardous and non-hazardous waste and to become researchers and advocate against illegal dumping.

The award-winning Center for Justice Innovation (formerly the Center for Court Innovation) is a national leader in the development, study, and dissemination of initiatives that address urgent issues related to safety, justice, and community well-being. Among its many activities, the Center designs and operates many successful, results-driven programs for young people, as well as several community service and community cleanup initiatives, where staff work with residents and community groups to identify neighborhood projects that respond to local needs. The Urban Studies Department previously partnered with Queens-based CJI programs as part of our service learning internship program.

The Queens Community Justice Center-The Rockaways was launched by the Center in 2021 in Far Rockaway, Queens, to serve as a local hub for alternative-to-incarceration programming, youth development, and community safety initiatives. QCJC-TR provides services to address public safety, promote healing and mental health, revitalize underutilized public spaces, stimulate economic mobility, and prevent further justice system involvement. Through the Love Where You Live Program, resident-led place-keeping projects, and community service days; and providing reentry support to formerly incarcerated individuals and their families through the Family Healing Project.

If funding is secured, I am committed to supporting the Queens Community Justice Center-The Rockaways and its project under the EJCPS program. I will serve on the professional advisory team, assist with workshops, connect the program with the wider New York City environmental justice network, and potentially connect Queens College interns with the program to support QCJC-TR's work. Our partnership will be non-financial, and I will provide support in-kind.

My own expertise centers on grassroots movements for environmental justice, the politics of urban sustainability, and environmental racism. My most recent book, The Sustainability Myth: Environmental

Gentrification and the Politics of Justice (NYU Press, 2020), won the 2021 book award from the Society for the Anthropology of North America. In addition, my 2005 book, Polluted Promises: Environmental Racism and the Search for Justice in a Southern Town (NYU Press) won the Society for Humanistic Sociology book award. I also co-edited Sustainability in the Global City: Myth and Practice (with Cynthia Isenhour and Gary McDonogh, Cambridge 2015) and Local Actions: Cultural Activism, Power and Public Life (with Maggie Fishman, Columbia U Press, 2004), as well as numerous academic articles, book chapters, and articles for popular magazines and newspapers.

I am pleased to be part of this important project. Not only is it responsive to community needs, but also I am confident in the Queens Community Justice Center-The Rockaways' ability to successfully implement it. Given QCJC-TR's expertise and the Center's long history of providing effective programming for young people and their communities, I encourage your favorable consideration of the QCJC-TR's proposal for this significant project.

Please feel free to contact me at Ex. 6 - Personal Privacy (PP) or Ex. 6 - Personal Privacy (PP) if you have any questions.

Sincerely,



Melissa Checker, PhD
Professor
Hagedorn Professor of Urban Studies
Queens College, CUNY
PhD Programs in Anthropology and in Earth and Environmental Sciences
The CUNY Graduate Center

March 28, 2023

Marianne Engelman-Lado
Acting Principal Deputy Assistant Administrator
U.S. Environmental Protection Agency
Office of Environmental Justice and External Civil Rights

Dear Acting Principal Deputy Assistant Administrator Engelman-Lado,

On behalf of Rockaway East Merchants Association 4 United Synergy, REMA 4 US Inc. (REMA 4 US), I am pleased to provide this Letter of Commitment for the Queens Community Justice Center-The Rockaways (QCJC-TR), a project of the Center for Justice Innovation (Center), in support of its proposal for funding pursuant to the Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program Request for Applications. Through this initiative, QCJC-TR will train and educate community members to decrease hazardous and non-hazardous waste and to become researchers and advocate against illegal dumping.

A recipient of an Innovations in American Government Award from Harvard University and the Ford Foundation and a Peter F. Drucker Award for nonprofit innovation, the Center for Justice Innovation (formerly the Center for Court Innovation) is a national leader in the development, study, and dissemination of initiatives that address urgent issues related to safety, justice, and community well-being. Bridging the gap between systems and communities, the Center runs more than 30 community-based programs in all New York City boroughs and beyond to co-create safe and vibrant communities alongside residents, court actors, government agencies, elected officials, and other community-based organizations. Most relevantly, the Center designs and operates many successful, results-driven programs for young people, including alternative-to-detention programs, work readiness programs, mentoring programs, and anti-violence programs focused on bettering outcomes for high-risk youth and supporting the development of youth leaders. Center programming also includes several community service and community cleanup initiatives, where staff work with residents and community groups to identify neighborhood projects that respond to local needs.

The Queens Community Justice Center-The Rockaways was launched by the Center in 2021 in Far Rockaway, Queens, to serve as a local hub for alternative-to-incarceration programming, youth development, and community safety initiatives. QCJC-TR invests in residents and provides services to address public safety, promote healing and mental health, revitalize underutilized public spaces, stimulate economic mobility, and prevent further justice system involvement. QCJC-TR accomplishes this through youth development programming like the Rock Steady Youth Initiative; addressing disinvestment in the Far Rockaway community through the Love Where You Live Program, resident-led placekeeping projects, and community service days; and providing reentry support to formerly incarcerated individuals and their families through the Family Healing Project.

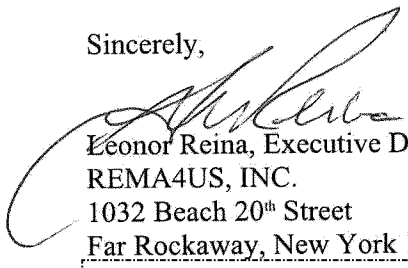
Rockaway East Merchants Association 4 United Synergy, REMA 4 US Inc. (REMA 4 US) seeks to engage in economic development and revitalization in the Rockaway Peninsula. To strengthen our community revitalization programs and community development efforts in the Rockaway Peninsula, REMA 4 US works alongside businesses, civic groups, government agencies, and non-profit organizations. REMA 4 US works to inform the public about opportunities that exist to strengthen the

community, and to create a welcoming and safe environment to help expand economic opportunity in the Rockaway Peninsula.

If funding is secured, REMA 4 US is committed to supporting the Center's Queens Community Justice Center-The Rockaways and its project under the EJCPS program. Rockaway East Merchants Association 4 United Synergy, REMA 4 US Inc. (REMA 4 US) will assist with promoting the initiative to local businesses and to the Far Rockaway community at large, help to identify local community members that have been impacted by illegal dumping, and foster networking to identify space and audiences for the community training events and workshops. Executive Director Leonor Reina will also serve on the professional advisory board. The partnership between QCJC-TR and REMA 4 US is a non-financial relationship, and support will be provided in-kind.

This is an important project that is responsive to community need, and I am confident in the Queens Community Justice Center-The Rockaways' ability to successfully implement it. Given QCJC-TR's expertise and the Center's long history of providing effective programming for young people and their communities, I encourage your favorable consideration of the QCJC-TR's proposal for this significant project.

Sincerely,



Leonor Reina, Executive Director
REMA4US, INC.
1032 Beach 20th Street
Far Rockaway, New York 11691
Ex. 6 - Personal Privacy (PP)

HUNTER URBAN POLICY & PLANNING
Hunter College of the City University of New York 695 Park Avenue, New York, N.Y. 10065
T: Ex. 6 - Personal Privacy (PP) F: Ex. 6 Personal Privacy (PP) www.hunterurban.org

March 30, 2023

Marianne Engelman-Lado
Acting Principal Deputy Assistant Administrator
U.S. Environmental Protection Agency
Office of Environmental Justice and External Civil Rights

Dear Acting Principal Deputy Assistant Administrator Engelman-Lado,

I am pleased to provide this Letter of Commitment for the Queens Community Justice Center-The Rockaways (QCJC-TR), a project of the Center for Justice Innovation (Center), in support of its proposal for funding pursuant to the Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program Request for Applications. Through this initiative, QCJC-TR will train and educate community members to decrease hazardous and non-hazardous waste and to become researchers and advocate against illegal dumping.

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The Queens Community Justice Center-The Rockaways was launched by the Center in 2021 in Far Rockaway, Queens, to serve as a local hub for alternative-to-incarceration programming, youth development, and community safety initiatives. QCJC-TR invests in residents and provides services to address public safety, promote healing and mental health, revitalize underutilized public spaces, stimulate economic mobility, and prevent further justice system involvement. QCJC-TR accomplishes this through youth development programming like the Rock Steady Youth Initiative; addressing disinvestment in the Far Rockaway community through the Love Where You Live Program, resident-led placekeeping projects, and community service days; and providing reentry support to formerly incarcerated individuals and their families through the Family Healing Project.

I am Associate Professor of Urban Policy and Planning at Hunter College in New York City, and the author of *Resisting Garbage: The Politics of Waste Management in American Cities.* This book compared the recent history of municipal waste management in Seattle, WA and Boston, MA, ultimately arguing that cities can in fact make better waste policy, but it has more to do with inclusive decision-making, material awareness, and accountable goal setting than recycling rates.

I am currently working on two research projects. The first is a collaborative project documenting and analyzing the city-wide roll out of organics waste management in New York City. The City's new program promises to positively impact both greenhouse gas emissions and environmental injustice, and my research will try to understand how program participants and advocates are considering these critical issues in their decision-making. My second project examines the roll of city governments in the diffusion of plastics in the environment. The project is a historical analysis of urban building codes and solid waste policies in New York City and other cities across the United States, and will result in a book tentatively titled *How the City Became Plastic.* All of my work to date has taught me how crucial an informed citizenry is to advancing better waste and material management policies at the city level. Citizen-advocates can meaningfully impact municipal waste policy, and it is a privilege to have a role in supporting Far Rockaway youth in their inspiring efforts to be New York City's next set of solid waste leaders.

If funding is secured, I am committed to supporting the Center's Queens Community Justice Center-The Rockaways and its project under the EJCPS program. I will serve on the professional advisory team, deliver workshops to the young people, and support the advocacy of the young people in helping to deliver a policy/research component of the program. Our partnership is non-financial, and I will provide support in-kind.

This is an important project that is responsive to community need, and I am confident in the Queens Community Justice Center-The Rockaways' ability to successfully implement it. Given QCJC-TR's expertise and the Center's long history of providing effective programming for young people and their communities, I encourage your favorable consideration of the QCJC-TR's proposal for this significant project.

Sincerely,



Dr. Lily Baum Pollans
Associate Professor of Urban Policy and Planning

Jamaica Bay – Rockaway Parks Conservancy

April 3, 2023

Marianne Engelman-Lado
Acting Principal Deputy Assistant Administrator
U.S. Environmental Protection Agency
Office of Environmental Justice and External Civil Rights

Dear Acting Principal Deputy Assistant Administrator Engelman-Lado,

On behalf of Jamaica Bay-Rockaway Parks Conservancy, Inc. (JBRPC), I am pleased to provide this Letter of Commitment for the Queens Community Justice Center-The Rockaways (QCJC-TR), a project of the Center for Justice Innovation (Center), in support of its proposal for funding pursuant to the Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program Request for Applications. Through this initiative, QCJC-TR will train and educate community members to decrease hazardous and non-hazardous waste and to become researchers and advocate against illegal dumping.

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The Queens Community Justice Center-The Rockaways was launched by the Center in 2021 in Far Rockaway, Queens, to serve as a local hub for alternative-to-incarceration programming, youth development, and community safety initiatives. QCJC-TR invests in

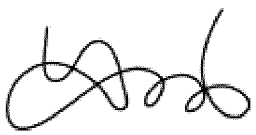
residents and provides services to address public safety, promote healing and mental health, revitalize underutilized public spaces, stimulate economic mobility, and prevent further justice system involvement. QCJC-TR accomplishes this through youth development programming like the Rock Steady Youth Initiative; addressing disinvestment in the Far Rockaway community through the Love Where You Live Program, resident-led placekeeping projects, and community service days; and providing reentry support to formerly incarcerated individuals and their families through the Family Healing Project.

In July 2012, Mayor Michael R. Bloomberg and Secretary of the Interior Ken Salazar signed a cooperative management agreement and announced the formation of the Jamaica Bay-Rockaway Parks Conservancy, Inc. (JBRPC) to support the unique relationship between the City of New York and the National Park Service. JBRPC was formally established in 2013 as a public-private partnership dedicated to improving the 10,000 acres of public parkland throughout Jamaica Bay and the Rockaway peninsula for local residents and visitors alike. JBRPC works to expand public access; increase recreational and educational opportunities; foster citizen stewardship and volunteerism; preserve and restore natural areas, including wetland and wildlife habitat; enhance cultural resources; and ensure the long-term sustainability of the parklands, including the development of the Science and Resilience Institute at Jamaica Bay. The JBRPC is proud to partner with governmental agencies, elected officials, non-profit organizations, the business community, and the public to improve public parkland throughout Jamaica Bay and the Rockaway peninsula.

If funding is secured, JBRPC is committed to supporting the Center's Queens Community Justice Center-The Rockaways and its project under the EJCPS program. JBRPC will support with hosting community cleanups, aid youth in community mapping of illegal dumping, and Assistant Director Elizabeth Stoehr will serve on the professional advisory team. The partnership between QCJC-TR and the JBRPC is a non-financial relationship; JBRPC's support will be provided in-kind.

This is an important project that is responsive to community need, and I am confident in the Queens Community Justice Center-The Rockaways' ability to successfully implement it. Given QCJC-TR's expertise and the Center's long history of providing effective programming for young people and their communities, I encourage your favorable consideration of the QCJC-TR's proposal for this significant project.

Sincerely,



Terri Carta
Executive Director, Jamaica Bay-Rockaway Parks Conservancy



March 30, 2023

Marianne Engelman-Lado
Acting Principal Deputy Assistant Administrator
U.S. Environmental Protection Agency
Office of Environmental Justice and External Civil Rights

Dear Acting Principal Deputy Assistant Administrator Engelman-Lado,

On behalf of the Child Center of NY, I am pleased to provide this Letter of Commitment for the Queens Community Justice Center-The Rockaways (QCJC-TR), a project of the Center for Justice Innovation (Center), in support of its proposal for funding pursuant to the Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program Request for Applications. Through this initiative, QCJC-TR will train and educate community members to decrease hazardous and non-hazardous waste and to become researchers and advocate against illegal dumping.

A recipient of an Innovations in American Government Award from Harvard University and the Ford Foundation and a Peter F. Drucker Award for nonprofit innovation, the Center for Justice Innovation (formerly the Center for Court Innovation) is a national leader in the development, study, and dissemination of initiatives that address urgent issues related to safety, justice, and community well-being. Bridging the gap between systems and communities, the Center runs more than 30 community-based programs in all New York City boroughs and beyond to co-create safe and vibrant communities alongside residents, court actors, government agencies, elected officials, and other community-based organizations. Most relevantly, the Center designs and operates many successful, results-driven programs for young people, including alternative-to-detention programs, work readiness programs, mentoring programs, and anti-violence programs focused on bettering outcomes for high-risk youth and supporting the development of youth leaders. Center programming also includes several community service and community cleanup initiatives, where staff work with residents and community groups to identify neighborhood projects that respond to local needs.

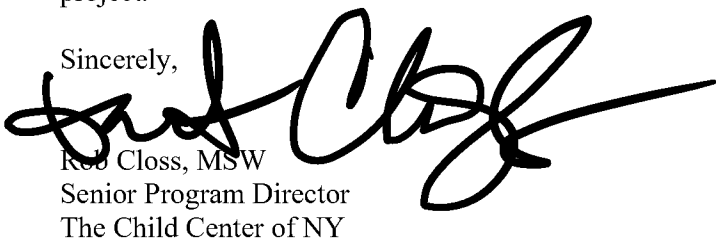
The Queens Community Justice Center-The Rockaways was launched by the Center in 2021 in Far Rockaway, Queens, to serve as a local hub for alternative-to-incarceration programming, youth development, and community safety initiatives. QCJC-TR invests in residents and provides services to address public safety, promote healing and mental health, revitalize underutilized public spaces, stimulate economic mobility, and prevent further justice system involvement. QCJC-TR accomplishes this through youth development programming like the Rock Steady Youth Initiative; addressing disinvestment in the Far Rockaway community through the Love Where You Live Program, resident-led placekeeping projects, and community service days; and providing reentry support to formerly incarcerated individuals and their families through the Family Healing Project.

Founded in 1953 as a children's counseling center in Queens, The Child Center of NY has become a powerful community presence throughout the city. With 60 locations and 100 programs in NYC's most under-served communities, our 1,000+ results-oriented professionals make a difference for more than 43,000 children and their families each year. The Child Center of NY offers Cornerstone programs, which are open to the Far Rockaway community and operate in the evenings and on Saturdays.

If funding is secured, the Child Center of NY is committed to supporting the Center's Queens Community Justice Center-The Rockaways and its project under the EJCPS program. The Child Center of NY will support with a dedicate staff member to serve on the professional advisory team, refer high school students as potential program participants, access to community space to present educational workshops, and assist with the promotion of community clean-up events. The partnership between QCJC-TR and the Child Center of NY is a non-financial relationship; the Child Center of NY's support will be provided in-kind.

This is an important project that is responsive to community need, and I am confident in the Queens Community Justice Center-The Rockaways' ability to successfully implement it. Given QCJC-TR's expertise and the Center's long history of providing effective programming for young people and their communities, I encourage your favorable consideration of the QCJC-TR's proposal for this significant project.

Sincerely,



Rob Closs, MSW
Senior Program Director
The Child Center of NY

April 6, 2023

Marianne Engelman-Lado
Acting Principal Deputy Assistant Administrator
U.S. Environmental Protection Agency
Office of Environmental Justice and External Civil Rights

Dear Acting Principal Deputy Assistant Administrator Engelman-Lado:

On behalf of The Pratt Center for Community Development (Pratt Center), I am pleased to provide this Letter of Commitment for the Queens Community Justice Center-The Rockaways (QCJC-TR), a project of the Center for Justice Innovation (Center), in support of its proposal for funding pursuant to the Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program Request for Applications. Through this initiative, QCJC-TR will train and educate community members to decrease hazardous and non-hazardous waste and to become researchers and advocate against illegal dumping.

A recipient of an Innovations in American Government Award from Harvard University and the Ford Foundation and a Peter F. Drucker Award for nonprofit innovation, the Center for Justice Innovation (formerly the Center for Court Innovation) is a national leader in the development, study, and dissemination of initiatives that address urgent issues related to safety, justice, and community well-being. Bridging the gap between systems and communities, the Center runs more than 30 community-based programs in all New York City boroughs and beyond to co-create safe and vibrant communities alongside residents, court actors, government agencies, elected officials, and other community-based organizations. Most relevantly, the Center designs and operates many successful, results-driven programs for young people, including alternative-to-detention programs, work readiness programs, mentoring programs, and anti-violence programs focused on bettering outcomes for high-risk youth and supporting the development of youth leaders. Center programming also includes several community service and community cleanup initiatives, where staff work with residents and community groups to identify neighborhood projects that respond to local needs.

The Queens Community Justice Center-The Rockaways was launched by the Center in 2021 in Far Rockaway, Queens, to serve as a local hub for alternative-to-incarceration programming, youth development, and community safety initiatives. QCJC-TR invests in residents and provides services to address public safety, promote healing and mental health, revitalize underutilized public spaces, stimulate economic mobility, and prevent further justice system involvement. QCJC-TR accomplishes this through youth development programming like the Rock Steady Youth Initiative; addressing disinvestment

PRATT CENTER FOR COMMUNITY DEVELOPMENT

in the Far Rockaway community through the Love Where You Live Program, resident-led placekeeping projects, and community service days; and providing reentry support to formerly incarcerated individuals and their families through the Family Healing Project.

Founded in 1963, the Pratt Center for Community Development is the oldest university-based community planning organization in the U.S. As part of Pratt Institute, we leverage professional skills in urban planning, architecture, design and public policy to work on the ground with community-based organizations to challenge systemic inequities and advance sustainable development. Pratt Center works for a more just, equitable, and sustainable New York City in partnership with community-based groups, small businesses, and policymakers.

If funding is secured, the Pratt Center is committed to supporting the Center's Queens Community Justice Center-The Rockaways and its project under the EJCPS program. The Pratt Center will provide mapping expertise and serve on the professional advisory team. The partnership between QCJC-TR and the Pratt Center is a non-financial relationship; the Pratt Center's support will be provided in-kind.

This is an important project that is responsive to community needs, and I am confident in the Queens Community Justice Center-The Rockaways' ability to successfully implement it. Given QCJC-TR's expertise and the Center's long history of providing effective programming for young people and their communities, I encourage your favorable consideration of the QCJC-TR's proposal for this significant project.

Sincerely,

Chante Ramsey

Chante Ramsey
Director of Operations

PRATT CENTER FOR COMMUNITY DEVELOPMENT

Ex. 6 Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) Holmes NY 12531

- **Successful Community, Labor, and Movement Coalition-builder**
- **Skilled Organizer, Strategic Researcher and Campaign Developer**
- **Experienced Trainer and Workshop Facilitator**
- **Fully fluent in Spanish**

EXPERIENCE

Director of Worker Organizing and Policy, *Make the Road NJ* *July 2022-Present*

- Developed strategy and performed research that led to the passage of a first-in-the-nation law to protect NJ temp workers from abuse and exploitation
- Leads a strategically-innovative campaign to address and correct negative impacts of Amazon on workers and working class communities in NJ
- Represents Make the Road NJ at several coalition tables

Strategic Campaigns Coordinator, *Retail, Wholesale, and Department Store Union* *June 2015- June 2022*

- Worked with university professors, students, and union organizers to develop a comprehensive strategy that got Labor Peace written into CUNY food service RFPs, which will allow more than 450 workers a fair path to unionization.
- Facilitated creation of strategy, structure, and coordination of a NYC coalition of community groups to work with the union to take on Amazon, and represented the union in local, national, and global coalitions focused on Amazon and the future of work.
- Drafted critique of Amazon that garnered impactful media attention, including a comprehensive report on the company's responsibility for providing a platform for hate groups.

Coalition Coordinator/Community Organizer, *People's Climate Movement New York* *November 2014- May 2015*

- Following the 2014 People's Climate March, developed the march Host Committee into a new coalition- PCMNY.
- Organized coalition events, including an initial "Community Leaders" convening that brought together over 400 NYC social justice organization leaders.
- Led all day-to-day organizing and outreach efforts for the coalition.

Constituency and Community Organizer*, People's Climate March, 350.org* *July 2014 - September 2014*

- Facilitated building of NYC constituency and neighborhood-based contingents for the largest climate action in history, the 2014 People's Climate March.
- Interfaced and coordinated with leaders of community groups that led various march affinity groups/contingents.
- Recruited and developed activists into Neighborhood Captains and coordinated Neighborhood Action Centers.

Organizing Lead and Field Research Coordinator*, Change to Win Retail Initiatives* *Intermittent, Nov 2007-June 2014*

- Executed a targeted strategic organizing and field research program for a large-scale campaign that won union organizing rights for thousands of workers in national retail pharmacy chains.
- Built issue-based community coalitions, led rallies, and coordinated press events.
- Collaborated closely with the campaign's Research, Communications, and Legal teams on the development of research and organizing plans that led to campaign victories.
- Created curriculum and held workshops to introduce new staff to organizing and research strategies.

Lead Organizer, *Workers United/ WU NY-NJ Regional Joint Board* *July 2010 - June 2011*

- Built a plan to win with worker- leaders focused on evidence gathering and worker-to-worker organizing that resulted in several hundred food service workers at two New York airports winning their union.
- Contributed crucial field research for a campaign to organize passenger service workers at airports.

Organizer, Worker Resource Center Rep, UNITE HERE/ Service Workers United *January 2006 – November 2007*

- Organized food service workers and industrial laundry workers in seven states.
- Developed templates for bilingual training of leaders that were used campaign-wide.
- Provided support and skills-building for newly organized shop stewards and shop-floor leaders.

- Coordinated grievance-handling with union affiliates and legal counsel.

EDUCATION

Cornell University-ILR Strategic Corporate Research Advanced Program — *September 2017*

Bachelor of Arts, Friends World Program of Long Island University (now called LIU-Global) — *May 2008*

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)., Las Vegas, NV 89156
Ex. 6 - Personal Privacy (PP) jose.rivera@maketheroadnv.org

Hardworking, bilingual, goal oriented community organizer with a passion for environmental justice and educational equity. Experienced manager with strong communication skills and dedication to excellence. Passionate advocate for underserved populations.

EXPERIENCE

NOVEMBER 2021 – CURRENT
ENVORNMENTAL JUSTICE ORGNIZER, MAKE THE ROAD NEVADA
Lead member subcommittee to identify and take action on environmental issues impacting their daily lives, both long and short term; Develop partnerships with local, state-wide, and federal organizations; Create and distribute educational materials including handouts, videos, and digital media posts; Conduct surveys and focus groups and synthesize information and findings; Manage multiple ongoing projects and prioritize to ensure completion; Work within and across departments and subcommittees to ensure work is intersectional and impactful

JULY 2019 – NOVEMBER 2021
MANAGER, BAGS TO GO AT HARRY REID INTERNATIONAL AIRPORT
Manage a team including developing schedules, assigning and monitoring work, implementing and tracking productivity standards; updating and maintaining reference manuals and training on new procedures; Coach and counsel supervisees; Ensure excellent customer service and handle any issues requiring escalation; Ensure management team is updated via weekly reporting

EDUCATION

FEBRUARY 2019 - CURRENT
BACHELOR'S DEGREE, COLLEGE OF SOUTHERN NEVADA
Majoring in Applied Psychology

SKILLS

- Bilingual in English and Spanish
- Fluent in Microsoft and GSuite
- Experience Organizing Youth and Adults
- Excellent Communications Skills
- Solution Oriented
- Strong Time Management

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)
Reading, PA 19609

Ex. 6 - Personal Privacy (PP)

Experience

3/2020- Present Make the Road Pennsylvania
Organizing Director

- Leading the organizing team
- Support development and execution of issue based organizing strategy
- Cross base alliance and organizational cohesion
- Organizational building with coalitions and close allies and partners
- Provided support for hiring processes.
- Fundraise for the organization through foundations, individual donors for campaigns or general operating funding for the organizing department.

2/2019- 8/2019 Make the Road family of organizations
Social Justice Independent Consultant

- Provided programmatic and logistical support for the MTR family leaders retreat in Philadelphia and the MTR family gathering at CPD's People's Convention in Detroit.
- Facilitated issue based working groups with staff from all 5 MTRs focused on housing, workers rights and immigration.
- Provided communication and administrative support.
- Provided support for hiring processes.

1/2018-8/2018 WON-Women's Organizing Network, Brooklyn, NY
Interim Coordinator and Program Consultant

- Helped with leadership development and engagement with the Core Leadership Team and active WON members.
- Conducted programming, workshop planning, curriculum revision and development and Leadership Circle cohort facilitation.
- Helped with finances, fundraising and communication.

2/2016-12/2016 Center for Popular Democracy, Brooklyn, NY
Social Justice Independent Consultant

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- Helped with administration and operations, planning and coordinating events, staff meetings, staff and member retreats for the MTR family of organizations.
- Conducted C3/C4 onboarding and helped with payroll processing, recruitment and hiring for MRPA's presidential campaign electoral work.
- Grant writing, research and management.
- Helped with programming, datasource organizing and communications.
- Supported the communication and program execution for CPD's People's Convention in Pittsburgh.

8/2012- 6/2015 CASA-New Settlement, Bronx, NY

Community Organizer for Housing Justice

- Helped form and coordinate a tenant coalition against one of the biggest landlords in the Bronx which owned 90+ multi-dwelling buildings.
- Developed a core committee of tenant leaders who led multiple campaigns.
- Organized and coordinated a citywide coalition of 13 members on the issue of non-rent fees where landlords were adding charges to monthly rent statements. This campaign won public policy changes in the state agency Homes and Community Renewal and tenants won thousands of dollars in overcharge complaints.
- Coordinated and helped to do the research and write two bilingual reports on the issue of non-rent fees. One report was based on data with one landlord, and a report addendum was based on citywide data from tenants of multiple landlords.
- Worked with local and state legislators to write and introduce legislation on the city and state level to prohibit non rent related fees.
- Coordinated and executed multiple direct actions, press conferences, rallies and local marches.
- Mentored new organizers and hired and supervised multiple college interns over the course of three years.

10/2010–11/2011 Northwest Bronx Community & Clergy Coalition Bronx, NY

Housing Community Organizer

- Helped form a tenant coalition that led tenants to obtain a new landlord, have Mayor Bloomberg tour their buildings and have the city-HPD create a new program to prevent buildings to be in such decay and in deplorable conditions.
- Organized and maintained multiple Tenant Associations, held multiple tenant-landlord meetings.
- Organized press conferences outside of tenant buildings and marches to landlord's offices.
- Planned and coordinated multiple Tenant Rights Nights.
- Delegated tasks to interns.
- Worked with the housing team to hold biweekly Housing Committee meetings.
- Wrote reports of campaigns at individual buildings for funding purposes.
- Assisted the organization to raise funds through membership dues and campaign collaboration with other organizations.

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- Participated in citywide and nationwide coalition campaign meetings and trainings.

3/2010–9/2010 Community Voices Heard, East Harlem, NY

Public Housing Organizer Trainee

- Surveyed residents to help identify a common problem within a complex of buildings, ultimately residents obtained NYCHA funding to resolve their issue.
- Recruited residents of Public Housing buildings into CVH's citywide Public Housing Preservation Campaign.
- Developed relationships through weekly one-on-one meetings with newly engaged residents and determine personal motivations.
- Mobilized constituents to attend workshops, trainings, rallies, and marches.
- Participated in phone-banking to engage membership to become dues paying members.

Education and Training

The City College of New York's Center for Worker Education

- *Bachelors in Interdisciplinary Studies with a concentration in Urban Studies and Public Administration, 2017 Graduate.*

Community Organizing Trainings

- *Organizing Academy Advanced Course, New York, 2015*
- *Midwest Academy's Organizing for Social Change Trainings, Chicago & Baltimore 2013, 2014*
- *Center for Neighborhood Leadership Community Organizing Program, New York, 2012*
- *Gamaliel Network Training, Sonoma, California 2011*
- *Community Voices Heard, Public Housing Organizer Trainee, New York, 2010*

Volunteer Work

Core Leadership Team Member in WON, present

Founding Member and Volunteer Organizer in Derecho a Techo, 2016

Associate Producer and Youth Leader in Documentary New Children/ New York, based in MRNY, 2010

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Department of the Treasury
Internal Revenue Service
Tax Exempt and Government Entities
P.O. Box 2508
Cincinnati, OH 45201

MAKE THE ROAD STATES INC
301 GROVE STREET
BROOKLYN, NY 11237

Date:
09/04/2020
Employer ID number:
84-3988830
Person to contact:
Name: Alexander Henao
ID number: Ex. 6 Personal Privacy (PP)
Telephone: Ex. 6 - Personal Privacy (PP)
Accounting period ending:
December 31
Public charity status:
170(b)(1)(A)(vi)
Form 990 / 990-EZ / 990-N required:
Yes
Effective date of exemption:
December 12, 2019
Contribution deductibility:
Yes
Addendum applies:
No
DLN:
Ex. 6 Personal Privacy (PP)

Dear Applicant:

We're pleased to tell you we determined you're exempt from federal income tax under Internal Revenue Code (IRC) Section 501(c)(3). Donors can deduct contributions they make to you under IRC Section 170. You're also qualified to receive tax deductible bequests, devises, transfers or gifts under Section 2055, 2106, or 2522. This letter could help resolve questions on your exempt status. Please keep it for your records.

Organizations exempt under IRC Section 501(c)(3) are further classified as either public charities or private foundations. We determined you're a public charity under the IRC Section listed at the top of this letter.

If we indicated at the top of this letter that you're required to file Form 990/990-EZ/990-N, our records show you're required to file an annual information return (Form 990 or Form 990-EZ) or electronic notice (Form 990-N, the e-Postcard). If you don't file a required return or notice for three consecutive years, your exempt status will be automatically revoked.

If we indicated at the top of this letter that an addendum applies, the enclosed addendum is an integral part of this letter.

For important information about your responsibilities as a tax-exempt organization, go to www.irs.gov/charities. Enter "4221-PC" in the search bar to view Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, which describes your recordkeeping, reporting, and disclosure requirements.

We sent a copy of this letter to your representative as indicated in your power of attorney.

Sincerely,

Stephen A. Martin
Director, Exempt Organizations
Rulings and Agreements

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Make the Road States

Address: 301 Grove St.

City: Brooklyn

State: NY: New York Zip Code: 11237

B. Unique Entity Identifier (UEI): YBTZCKM3DSZ7

C. Applicant/Recipient Point of Contact

Name: Arlenis Morel

Phone: Ex. 6 - Personal Privacy (PP)

Email: arlenis.morel@maketheroadstates.org

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☒ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
ARLENIS MOREL	Executive Director	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Arlenis | Middle Name:
Last Name: Morel | Suffix:
Title: Executive Director
Complete Address:
Street1: 301 Grove St.
Street2:
City: Brooklyn | State: NY: New York
Zip / Postal Code: 11237-5664 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: arlenis.morel@maketheroadstates.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Robert | Middle Name:
Last Name: Mazzaferro | Suffix:
Title: Chief Financial Officer
Complete Address:
Street1: 301 Grove St.
Street2:
City: Brooklyn | State: NY: New York
Zip / Postal Code: 11237-5664 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: robert.mazzaferro@maketheroadstates.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Shundiin | Middle Name:
Last Name: Jakub | Suffix:
Title: Director of Finance
Complete Address:
Street1: 301 Grove St.
Street2:
City: Brooklyn | State: NY: New York
Zip / Postal Code: 11237-5664 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: shundiin.jakub@maketheroadstates.org

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: | First Name: Jessica | Middle Name:

Last Name: Espinoza | Suffix:

Title: Coordinator of Multi-state Initiatives

Complete Address:

Street1: 301 Grove St.

Street2:

City: Elizabeth | State: NY: New York

Zip / Postal Code: 11237-5664 | Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**

E-mail Address: jessica.espinoza@maketheroadstates.org

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Make the Road States, Inc.

* b. Employer/Taxpayer Identification Number (EIN/TIN): 84-3988830

* c. UEI: YBTZCKM3DSZ7

d. Address:

* Street1: 301 Grove St.
Street2:
* City: Brooklyn
County/Parish:
* State: NY: New York
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 11237-5664

e. Organizational Unit:

Department Name: Organizing

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Ms.
* First Name: Arlenis
Middle Name:
* Last Name: Morel
Suffix:

Title: Executive Director

Organizational Affiliation:

* Telephone Number: Ex. 6 - Personal Privacy (PP)
Fax Number:

* Email: arlenis.morel@maketheroadstates.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

1234-Congressional Districts.pdf | Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Advancing Environmental Justice in NV, PA, and NJ

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: NY-10 * b. Program/Project: NJ-6

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 * b. End Date: 10/31/2024

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	500,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name: Arlenis

Middle Name:

* Last Name: Morel

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 - Personal Privacy (PP) Fax Number:

* Email: arlenis.morel@maketheroadstates.org

* Signature of Authorized Representative: ARLENIS MOREL * Date Signed: 04/14/2023

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Advancing Environmental Justice in NJ, PA, and NV

Application
New
2023-04-14
Make the Road States, Inc.
84-3988830
YBTZCKM3DSZ7
301 Grove St.
Brooklyn
NY: New York
11237-5664
USA: UNITED STATES

Organizing
Ms.
Arlenis
Morel

Executive Director
EX. 6 - Personal Privacy (PP)
arlenis.morel@maketheroadstates.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
1234-Congressional Districts.pdf
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Advancing Environmental Justice in NV, PA, and NJ
NY-10
NJ-6
2023-11-01
2024-10-31
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500000.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Arlenis
Morel

Executive Director
EX. 6 - Personal Privacy (PP)
arlenis.morel@maketheroadstates.org
ARLENIS MOREL
2023-04-14

1235-EPA OEJECR EJCPS MRNJ Advancing Environmental Justice in NV, NJ, and PA 2023 Application.pdf
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1236-MRS EJCPS Logic Model.docx.pdf
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1237-MRNV EPA LETTR.pdf
application/pdf
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1238-PA Climate Table Letter of Support MRS EJCPS Application.pdf
application/pdf
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Arlenis
Morel

Executive Director
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NY: New York
11237-5664
USA: UNITED STATES

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Robert
Mazzaferro

Chief Financial Officer
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11237-5664
USA: UNITED STATES

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Shundiin
Jakub

Director of Finance
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Espinoza

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Brooklyn
NY: New York
11237

YBTZCKM3DSZ7
Arlenis Morel
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Executive Director
N: No
N: No
N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
ARLENIS MOREL
Executive Director
2023-04-14

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2023-04-14T17:00:08.000-04:00
ARLENIS MOREL
GRANT13861705

MAKE THE ROAD
NEW YORK | NEW JERSEY | CONNECTICUT | PENNSYLVANIA | NEVADA

April 14, 2023

Environmental Protection Agency
Office of Environmental Justice and External Civil Rights
1200 Pennsylvania Ave, N.W.
Washington, DC 20460

Prem Rajgopal
PA Climate Equity Table
14 E Beau St,
Washington, PA 15301

Re: Make the Road States (NV, NJ, PA) Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program Application

Dear Office of Environmental Justice and External Civil Rights:

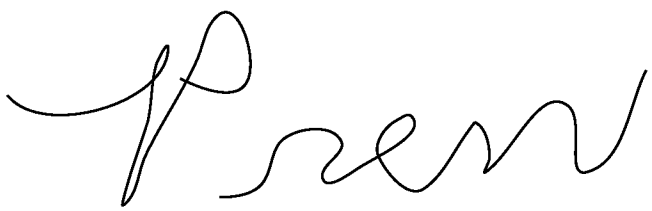
As the Coalition Coordinator, I am writing on behalf of the PA Climate Equity Table to express my support for Make the Road NJ, NV, and PA's Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program application. The PA Climate Equity table seeks to empower those impacted by environmental and climate injustice. We are striving to make sure that any climate solutions do not leave people behind, especially those who have borne the brunt of the harm while not being responsible for its cause. The PA Climate Equity Table has worked with MRPA in the following projects: Advocating for Whole Home Repairs, expanding the scope of the Environmental Justice Community Definition and passing bills to empower EJ communities, and creating an office of Just Transition. We are happy to support MRNJ, MRNV, and MRPA in their project to Advance Environmental Justice and Build Capacity of Historically Underserved Communities in NJ, NV, and PA.

Make the Road NJ, NV, and PA, projects of Make the Road States, a 501 (c)3 nonprofit organization, are membership organizations that build the power of Latine and working class communities to achieve dignity and justice by integrating four core methodologies: community organizing, policy innovation, transformative education, and the provision of legal, health and survival services. The communities who MRNJ, MRNV, and MRPA serve disproportionately suffer the impacts of climate change, including poor air quality, rising temperatures, and water scarcity. MRNJ, MRNV, and MRPA are experts in peer-to-peer outreach strategies and hold the institutional trust necessary to achieve environmental justice and build the capacity of historically underserved communities to face climate crises.

The PA Climate Equity Table is excited to support this important work. Please do not hesitate to contact me for any further information.

Sincerely,

Prem Rajgopal
Coalition Coordinator
PA Climate Equity Table



NEW YORK
301 GROVE ST.
BROOKLYN, NY 11237
TEL Ex. 6 Personal Privacy (PP)
MAKETHEROADNY.ORG

NEW JERSEY
42 BROAD ST.
ELIZABETH, NJ 07201
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CONNECTICUT
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BRIDGEPORT, CT 06604
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MAKETHEROADCT.ORG

PENNSYLVANIA
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ALLENTOWN, PA 18102
TEL Ex. 6 Personal Privacy (PP)
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NEVADA
4250 E. BONANZA RD, STE 14 & 20
LAS VEGAS, NEVADA 89110
TEL Ex. 6 Personal Privacy (PP)
MAKETHEROADNV.ORG

Nevada Alliance for Student Diversity

April 14, 2023

Environmental Protection Agency
Office of Environmental Justice and External Civil Rights
1200 Pennsylvania Ave, N.W.
Washington, DC 20460

Re: Make the Road States (NV, NJ, PA) Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program Application

Dear Office of Environmental Justice and External Civil Rights:

I am writing to express my support for Make the Road NJ, NV, and PA's Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program application.

As the founding director of the Nevada Alliance for Student Diversity, I have worked with Make the Road Nevada on community education projects and happy to support them, along with their counterparts in New Jersey and Pennsylvania, in their work to Advance Environmental Justice and Build Capacity of Historically Underserved Communities in NJ, NV, and PA.

Make the Road NJ, NV, and PA, projects of Make the Road States, a 501 (c)3 nonprofit organization, are membership organizations that build the power of Latinx and working class communities to achieve dignity and justice by integrating four core methodologies: community organizing, policy innovation, transformative education, and the provision of legal, health and survival services. The communities who MRNJ, MRNV, and MRPA serve disproportionately suffer the impacts of climate change, including poor air quality, rising temperatures, and water scarcity. MRNJ, MRNV, and MRPA are experts in peer-to-peer outreach strategies and hold the institutional trust necessary to achieve environmental justice and build the capacity of historically underserved communities to face climate crises.

Nevada Alliance for Student Diversity is excited to support this important work. Please do not hesitate to contact me for any further information.

Sincerely,

Laura Hernandez

Laura Hernandez
Executive Director
Nevada Alliance for Student Diversity
Ex. 6 - Personal Privacy (PP)
lhernandez@allianceforstudentdiversity.org

MAKE THE ROAD

NEW YORK | NEW JERSEY | CONNECTICUT | PENNSYLVANIA | NEVADA

United States Environmental Protection Agency
Office of Environmental Justice and External Civil Rights
Environmental Justice Collaborative Problem-solving Cooperative Agreement
Make the Road States Program Application
Advancing Environmental Justice in Nevada, New Jersey, and Pennsylvania

Applicant Background and Information

Make the Road States is a family of nonprofits that consists of state-level membership organizations that build the power of Latine and working class communities to achieve dignity and justice by integrating four core methodologies: community organizing, policy innovation, transformative education, and the provision of legal, health and survival services. Make the Road New York, our founding state, was launched in 1998. Since 2014, New Jersey, Pennsylvania, Connecticut, and Nevada have launched their own Make the Road organizations focused on local issues faced by their membership.

This application is being submitted by Nevada, New Jersey, and Pennsylvania for our collective Advancing Environmental Justice in NV, NJ, and PA project. The principal objective of the Advancing Environmental Justice in NV, NJ, and PA project is to center Latine, immigrant, and other historically underrepresented communities in conversations that are imperative to their health and wellbeing relating to environmental policies and regulations where they live. We will place a specific focus on areas with high concentrations of people of color, low-income, and working-class communities where we are most likely to see urban heat islands, lack of greenspace and trees, occupational hazards, wage and labor issues, and polluted air. We will engage communities by conducting surveys and focus groups to gather information and experiences directly from our target communities. We will use this information to help impacted community members advocate for policies that will create healthy, livable neighborhoods. Many of the people who will benefit from this project are Spanish-speaking undocumented or part of mixed status families. Many more are first generation immigrants, and nearly all are from low socioeconomic backgrounds. Our team's ability to organize in Spanish will be key to this project's success, as the majority of the work being done at the policy level is done in English which disenfranchises many communities of color.

While gathering data and information we will also undertake a large storybanking endeavor to capture the impact policies have on the real people living in our rapidly heating cities. By taking video and written testimonials we will be able to leverage the lived experience of hard-working, low-income residents. Because of the unique way we engage and relationally organize, Make the Road States is able to reach populations that are otherwise generally left behind in policy

discussions. The trust we have built within our communities, due in large part to the fact that so many of our team come from said communities, gives us an advantage because we have a strong network of members throughout the places in which we organize.

Environmental and Public Health Information of Underserved Communities

This project seeks to address environmental disparities across the the cities we work in in Nevada (Clark and Washoe Counties), Pennsylvania (Reading, Allentown, and Philadelphia), and New Jersey (Elizabeth, Perth Amboy, Newark, and Passaic). This includes issues with clean air and clean water, elevated risk associated with living near landfills, incinerators, brownfields, power plants, and other polluting agents, lead poisoning and other issues created by old housing stock in disrepair, and indoor air quality, wage and labor issues, and sustainable work practices in warehouses and the ways in which all these issues impact the health, safety, and well-being of Black, Brown, immigrant, and working-class communities of color.

Make the Road Nevada works in Clark and Washoe Counties, Nevada. Clark County is located in the southern part of Nevada and includes the city of Las Vegas, has a population of approximately 2.3 million people. According to EJSCREEN, the county has a population that is 47.4% Hispanic/Latino, 11.9% Black or African American, 7.1% Asian, and 0.9% Native American. The county has a poverty rate of 13.9%, and 18.5% of the population lives below 200% of the federal poverty level. In terms of environmental indicators, Clark County has a high percentage of people living within 1 kilometer of a hazardous waste site, a superfund site, or a brownfield site. Additionally, the county is home to several major highways and airports, which can contribute to air pollution and noise pollution, both of which have been linked to adverse health outcomes. Washoe County is located in the northern part of Nevada and includes the city of Reno, has a population of approximately 471,519 people. According to EJSCREEN, the county has a population that is 25.9% Hispanic/Latino, 2.8% Black or African American, 6.4% Asian, and 1.4% Native American. The county has a poverty rate of 10.4%, and 13.5% of the population lives below 200% of the federal poverty level. In terms of environmental indicators, Washoe County has a moderate percentage of people living within 1 kilometer of a hazardous waste site, a superfund site, or a brownfield site.

Multiple sources support the information on life expectancies and the impact of the environment on them in Clark and Washoe Counties. According to a report by the Nevada Public Health Association, the life expectancy in Clark County is lower than the national average, and environmental factors, such as air pollution, can contribute to health disparities and lower life expectancies in certain communities. Exposure to air pollution has been found to increase the

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risk of premature death, particularly from cardiovascular and respiratory diseases, according to a study published in Environmental Health Perspectives. Low-income communities and communities of color in Las Vegas are disproportionately impacted by air pollution, which can contribute to health disparities and lower life expectancies, according to an article in the Las Vegas Sun. Furthermore, the Las Vegas-Henderson metropolitan area, which includes Clark County, has some of the highest levels of ozone pollution in the United States, according to a report by the American Lung Association. A report by the Washoe County Health District found that air pollution is a significant public health concern in Washoe County, particularly near major highways and in certain neighborhoods. These sources all reinforce the idea that environmental factors could be contributing to health disparities and shorter life expectancies in certain communities within these counties, particularly low-income communities and communities of color.

Make the Road Pennsylvania works in Reading, Allentown, and Philadelphia Pennsylvania, all cities that are majority Black and Latine. According to the 2020 census data, Reading is 66.5% Latine and 12.6% Black with 29.3% of the population below the poverty line and 52.9% of the population speaking a language other than English at home. Allentown is 54.5% Latine and 14.1% Black with 23.3% of residents living below the poverty line and 47.5% of residents speaking a language other than English at home. In Philadelphia, 15.4% of residents are Latine and 40.8% of residents are Black with 22.8% of the population below the poverty line and 23.7% of the population speaking a language other than English at home.

According to the EJScreen tool, all three cities are at significant risk for environmental factors such as risk for exposure to lead paint, risk due to air pollution, air toxins cancer risk, and hazardous waste proximity Many of the people we work with are living in areas that fall within the 80-95% in terms of risk of exposure to these environmental hazards. These environmental factors also tie into the health factors that impact our community. In all 3 cities, life expectancy is significantly less than the surrounding suburban areas with neighborhoods where the members of our organization live having life expectancies between 2 and 11 years below the state average. The Public Interest Law Center also noted Pennsylvania as the state with the 2nd highest disparity between people of color and white residents and wealthy and poor residents when it comes to air pollution. The EJScreen tool also reveals that in many of the neighborhoods our members come from the rate of asthma is much higher than in surrounding communities. Lastly, according to an annual report by the PA Department of Health, children across Pennsylvania but especially in Philadelphia, Allentown and Reading, report elevated levels of lead exposure. This is especially bad in Reading where 13% of children tested had elevated lead levels which is several times higher than the national average.

Make the Road New Jersey serves working-class immigrant communities in Union, Passaic, Essex, and Middlesex counties in NJ. These NJ counties are home to a substantial number of communities of color. According to the 2020 U.S. Census, Passaic County's population is over 42.9% Hispanic or Latino and 48.8% of county residents speak a language other than English. Union County is home to a population of 30.1% foreign born, or immigrant residents, with a population of 32.8% Hispanic/Latino, and 44% speak a language other than English. Middlesex County's second largest city, Perth Amboy's population is 78% Hispanic or Latino. Essex County has a population of 797,434, and the racial makeup is diverse. African Americans make up the largest minority group, accounting for 40% of the population. The Hispanic or Latino population is the second-largest minority group, accounting for 22% of the population.

Based on the data provided by the EJSCREEN tool, all of the NJ counties stated have a high percentage of minority and Hispanic residents, who may be more vulnerable to environmental and public health hazards due to factors such as language barriers and discrimination. The Environmental Justice Index (EJI) scores for these counties suggest a higher potential for environmental injustice, with Essex and Passaic counties having the highest EJI scores. Additionally, there are several facilities in each of these counties that may pose environmental risks, including hazardous waste sites, Superfund sites, and Brownfield sites. These findings suggest that there may be a higher risk of exposure to harmful pollutants and contaminants for minority and Hispanic populations living in these counties.

Particularly, immigrant populations working in warehouses in northern New Jersey may face an additional environmental justice issue related to heat exposure. Warehouse work is physically demanding and often occurs in hot and humid conditions, which can lead to heat-related illnesses such as heat exhaustion and heatstroke. Immigrant workers may be particularly vulnerable to these risks if they are not acclimated to the climate or lack access to adequate hydration and cooling measures. Addressing this issue will require strategies such as providing adequate hydration and cooling measures, implementing rest breaks, and ensuring that workers are trained on recognizing the signs and symptoms of heat-related illness. Employers should be held accountable for providing safe working conditions for all workers.

Organization's Historical Connection to Underserved Communities

Each of our organizations has built deep trust in the communities we serve, allowing us to reach the most vulnerable community members who government agencies consider hard to reach. All of the Make the Road family of organizations were founded by and for members of the communities that we work in and organize with centered in the experience of Black, Brown,

immigrant, working class and poor people. When we got started, we did not just decide what the community needed but instead took direction and lead from community members we were talking with on street corners and in community meetings and invited those community members to help us build our organizations. Make the Road Nevada was founded in 2017 and Make the Road Pennsylvania and Make the Road New Jersey were founded in 2014 and each have been building community leadership ever since.

Throughout the programming that we do, community members are centered and are in leadership roles. On the services side of our work, we have developed, refined and replicated a "promotore" model of program delivery. Through this model, we train community members - who speak the language of their neighbors and understand their culture and experiences - to reach their neighbors with important health information, service referrals, and recruit them to participate in our advocacy and organizing initiatives. On the advocacy side of our organization, our members form committees related to specific issues that our members care about and want to see changed in our community. This is the reason that each of our states are engaged in environmental justice issues, because our members wanted our organizations to focus on that work. They determine what issues are most important to them and what campaigns to move forward.

Thanks to our members leadership, Make the Road States has extensive experience in organizing on environmental equity in particular. For example, in Nevada we are currently working with community partners to monitor air quality in East Las Vegas and develop policies to ensure cleaner, healthier neighborhoods for underserved communities across the state. In Pennsylvania, we just passed the Whole Home Repairs Act at the state level that will make available up to $50,000 for low-income homeowners to make repairs and weatherize their homes to address issues such as lead exposure and better prepare their homes for more extreme heat, drought, and flooding caused by climate change. New Jersey leads and is part of multiple state-wide environmental justice coalitions which seek to protect workers, provide clean energy jobs, promote subsidized home weatherization, monitor air quality, and challenge large polluting industries.

MRPA, MRNV, and MRNJ have done outreach and education in our communities on a variety of environmental issues and the impacts they have, ranging from recycling to policy making. This project will build on our existing education and outreach work. We will continue to directly engage our community members on their experiences living with rising temperatures, poor air quality, and water scarcity, and will advocate for policies that improve quality of life for frontline communities more generally.

EJCPS Model

This project will utilize the Environmental Justice Collaborative Problem-Solving Model via the following elements:

- Element 1 - Issue Identification, Community Vision, and Strategic Goal Setting
- Element 2 - Community Capacity-Building and Leadership Development

Element 1 - Issue Identification, Community Vision, and Strategic Goal Setting

- Make the Road's work is based in true grassroots outreach and emphasizes the importance of one-on-one engagement to create large-scale change. Our organizing model blends traditional tactics like taking clipboards to high-concentration Latine & working-class areas and digital organizing via social media. We concentrate on identifying leads, talking to people one-on-one or in small groups, and collecting contact information so we can follow-up with them directly. MRS staff and members will conduct outreach including door knocking, targeted phone calls, peer-to-peer texting, and tabling at events. With the guidance of our seasoned organizing team, our member leaders will leverage their existing connections to conduct relational organizing, a type of outreach that involves leveraging personal connections and trust to relay messaging. Members will work with our expert communications department to develop campaigns that engage community members via social media platforms including Facebook, TikTok, Instagram, Twitter, YouTube, and WhatsApp. Our members will lead an effort to survey the community to assess needs, concerns, and possible solutions to the environmental issues being faced. We will host focus groups and community forums to gather input and testimonials. This input will inform our work and allow us to change course as needed to ensure the strongest and most effective campaign.

Element 2 - Community Capacity-Building and Leadership Development

- Developing strong member leaders is at the very core of Make the Road State's ability to create positive change for our community. Our members set priorities, guide our involvement, and keep our work focused on the community. Our high-touch organizing model allows members to be involved through every step of the process; all the work we do is done collaboratively among members, member leaders, and staff. This ensures that knowledge and intel is distributed throughout the organization, rather than allowing staff to hold the keys. Because of this, our membership has met with members of our Congressional Delegation, hosted town hall meetings, facilitated forums, and led

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outreach activities. They have provided and collected stories for our communications team to use to gain media coverage and bolster our social media presence. Member leaders sit on committees and task forces, give media interviews and quotes, and lead committee and general membership meetings. This empowerment of our members, combined with our commitment to hiring from our base, is what makes us truly reflective of the communities we strive to uplift.

Project Linkages

This project supports the EPA Strategic Plan Goal 2, Objective 2.1 because of the people and communities Make the Road States represents. Our members are people of color, immigrants, and working families who are disproportionately impacted by the systemic racism inherent in our government systems. As both a result and a continuation of this racism, these same groups are far less likely to have the tools to fight back against the systems keeping them down. To stop this feedback loop, MRS is heavily invested in ensuring the voices of those most affected are not just in the room but involved in the decisions being made on their behalf. Make the Road States is a coalition-driven civic engagement and issue-organizing space, with coalitions, alliances, or tables for just about every issue you can think of but rarely populated by directly impacted individuals. The solutions that come out of these groups are too often based on data points rather than actual people and rarely create long-term, sustainable change. MRS flips this narrative by centering our work on the everyday people in Nevada, Pennsylvania, and New Jersey who make up our base, families, workers, immigrants, and people of color fighting for the opportunity to thrive rather than just survive. We are an intentionally disruptive force, fighting to create structures for concrete and long-term solutions to the inequities faced by people of color, immigrants, and low-income communities.

Partner and Collaborations

Make the Road New Jersey, Nevada, and Pennsylvania will be working closely together on this project. While each state may have its own specific local contexts, many of the strategies and tactics we will be using for this program are similar (community outreach and engagement, community education, surveying, etc…). This will allow our organizations to learn from each other during each stage of the project. We plan to have the leaders of the project meet regularly to discuss best practices and challenges that they are facing in order to do the work more effectively. This is a similar approach to one that we used with a recent grant we received from the Robert Wood Johnson Foundation around medicaid access. A representative from each of the states met on a monthly basis to share strategies being used to collect surveys and how they

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overcame challenges and it led to all of our states being able to do their work better. This partnership across states will allow us to do better outreach to reach the goal number of people we want to reach, develop better educational materials and sessions for community members to attend, and evaluate and measure our work in similar ways.

Each of us will also leverage the deep connections we have with organizations locally. In Pennsylvania, we will be working together with the PA Climate Equity Table and the organizations that make up that table. These organizations include Pittsburgh United, Casa, the Center for Coalfield Justice, Pennsylvania Stands Up, Philly Thrive, One PA, and Power. Many of these organizations have a similar constituency to Make the Road PA, Black, brown, working-class and poor people but in different parts of the state. Pittsburgh United works in Pittsburgh, Casa in Southern PA, Power in Central PA, and the Center for Coalfield Justice in more rural parts of PA. We will be presenting the work we are doing as part of this grant at the Climate Table and working with these partner organizations to expand the reach of our educational sessions and communications about climate justice in PA and how we can work together on statewide solutions that may be needed for problems that we identify. Many of these partners are also membership organizations so they bring a diverse group of people and experiences to the table and have large bases of people to get feedback from and send information to. One PA is a statewide organization that has many connections at the state level that we will work with to amplify our message and connect with state leaders on needed changes. As a core member of the Climate Equity Table, Make the Road PA plans to continue to maintain strong relationships with all of these partners as it is the only way our communities will win the changes they need to live in safe and more healthy neighborhoods.

In Nevada, we are Steering Committee members on the Nevada Environmental Justice Committee (NEJC). The NEJC is a collaborative of 13 grassroots organizations fighting to dismantle the structural environmental inequities that our communities face in their day to day lives. As one of the only coalitions led by organizations of color, the NEJC is integral to achieving progressive policies and shifting decision makers' priorities to make meaningful change for directly impacted, vulnerable, and low-income communities of color. Like MRNV, NEJC partners know that sustained change only comes when work is led by those most impacted, which is why we seek to develop a broad base of environmental justice supporters who reflect the real faces of Nevada, as well as identifying, training, and developing leaders from that base to serve as ambassadors to the broader community, spokespeople, and peer-to-peer organizers. The NEJC coordinator position is housed at MRNV, and she ensures NEJC work remains streamlined, focused, and coordinated. Beyond the NEJC, MRNV works with local institutes including the Guinn Center for Public Policy Priorities and the UNLV School of Public

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Health on participatory research to inform on the needs of and impacts to the Latinx and immigrant communities in Southern Nevada. As a part of this effort, MRNV serves on the Advisory Board to guide and inform the work that the The Guinn Center, in partnership with Morrison Institute for Public Policy at Arizona State University (ASU), will be leading of how policies for disaster management and response in the southwest cities of Las Vegas, Nevada and Phoenix, Arizona, and address the vulnerability of people of color to extreme heat, particularly during the COVID-19 pandemic. We are members of the Southern Nevada Blue Ribbon Panel on Social Equity which also includes climate impacts and of the Nevada Hispanic Legislative Caucus' subcommittee on environmental issues.

MRNJ operates community centers in Passaic City, NJ and Elizabeth, and Perth Amboy, NJ and is a trusted partner and go-to resource for immigrant, low income Latinx communities and communities of color in those counties. MRNJ is poised to reach residents with multiple cultural backgrounds by leveraging our existing organizational relationships, outreaching to thousands of community members with COVID-19 mitigation information, and coordinating vaccine clinics in partnership with our network of providers. We have partners in multiple counties. Our current partners in Passaic County include: 4Cs of Passaic County, IACO Immigration & American Citizenship Organization, Inc., Palestinian American Community Center, Paterson Alliance, OASIS, and more. Our current partners in Union County include: Elizabeth Public Schools (where we operate an in house Student Success Center that serves 3,000 students annually in the high schools), Plainfield Public Schools, United Way of Union County, Elizabeth Coalition to House the Homeless, Josephine's Place, Union County Council for Young Children, Legal Services of Central New Jersey, St. Joseph's, Jefferson Park Ministries, Community Access Unlimited, Elizabeth Public Library, PROCEED, Inc., and dozens of faith and small business partners. Lastly, New Jersey partners with dozens of environmental advocacy organizations in Newark, NJ including Ironbound Community Corporation, Southward Environmental Alliance, and Clean Water Action.

Project Activities / Milestone Schedule / Detailed:

This plan outlines a clear and effective strategy to achieve the goals and objectives of the project and provides milestones to measure progress and ensure success.

Activity 1: Conduct Baseline Survey

The first Activity of the project is to conduct a baseline survey to understand the current levels of awareness, knowledge, and participation in environmental impacts among community members.

The survey will be conducted through various methods, such as online surveys, phone surveys, and in-person interviews, to reach a representative sample of the population. The data collected from the survey will be analyzed to identify areas where the public is lacking in knowledge and understanding of the programs, and to develop a more targeted communications plan.

Activity 2: Develop Communications Plan

The second activity of the project is to develop a comprehensive communications plan that will be used to raise awareness about the importance of being informed and educated about the impact of environmental equity on our communities. The plan will include the use of various platforms and strategies, such as social media, community events, newsletters, workshops and seminars, partnerships with schools, and collaborations with community organizations. The goal of the communications plan is to reach the widest possible audience and to educate the public on the benefits of these programs.

Activity 3: Implement Communications Plan

The third activity of the project is to implement the communications plan that was developed in activity 2. The plan will be executed through a combination of tactics, such as social media campaigns, community events, and workshops, to reach the target audience. It will be fully bilingual in English and Spanish.

Activity 4: Offer Educational Workshops and Seminars

The fourth activity of the project is to offer educational workshops and seminars to the public. These workshops and seminars will provide interactive activities to help the community see how they are impacted by environmental equity, as well as what steps they can take to mitigate these factors in the long and short term. The goal of these educational events is to make change by offering accessible and comprehensive information.

Activity 5: Monitor and Measure Success

The fifth activity of the project is to monitor and measure the success of the efforts to raise awareness and encourage taking action. This will be done through regular assessments, surveys, and focus groups to gauge public understanding and participation in the programs. The data collected will be analyzed to determine the effectiveness of the communications plan and educational efforts and make necessary adjustments.

Activity 6: Adjustments to Communications Plan and Educational Efforts

The sixth activity of the project is to make necessary adjustments to the communications plan and educational efforts based on the results of the monitoring and assessments. This may involve modifying the tactics used to reach the target audience, adjusting the content of the educational materials, or refining the approach used in the workshops and seminars. The goal of these adjustments is to ensure maximum impact and achieve the project's goals and objectives.

Milestones:

- Completion of the baseline survey (within the first 4 months of the project)
- Development and implementation of the communications plan (within the first 4 months of the project)
- First set of workshops and seminars (within the first 6 months of the project)
- First round of monitoring and assessment results (within the first 12 months of the project)
- Adjustments made to the communications plan and educational efforts (within the first 18 months of the project)

Time Schedule

This time schedule provides a comprehensive overview of the start and completion dates for each task associated with the project and serves as a roadmap for ensuring that all goals and objectives are met by the project end. By coordinating milestones with important events, such as budget cycles and meetings, the project can be managed efficiently and effectively to achieve maximum impact.

Task 1: Conduct Baseline Survey

- Start Date: Month 1
- Completion Date: Month 4

Task 2: Develop Communications Plan

- Start Date: Month 1
- Completion Date: Month 4

Task 3: Implement Communications Plan

- Start Date: Month 5
- Completion Date: Month 18

Task 4: Offer Educational Workshops and Seminars

- Start Date: Month 6

- Completion Date: Month 18

Task 5: Monitor and Measure Success

- Start Date: Month 12
- Completion Date: Month 18

Task 7: Adjustments to Communications Plan and Educational Efforts

- Start Date: Month 18
- Completion Date: Month 24

Environmental Results – Outputs, Outcomes, and Performance Measures (Logic Model):

Make the Road States has access to an automatic dialer that allows us to efficiently target community members in particular geographic locations. ThruTalk is a tool that is typically used for voter outreach but we have taken lessons from our non-partisan voter outreach work and adapted them to general issue outreach, enabling us to reach a targeted universe of community members in a short period of time.

Make the Road States records data using EveryAction, which allows us to pull timely reports and compile data and stories in an easily accessible manner. Our canvassers and organizers will contact members via phone and through canvassing efforts directly in the community to better understand how environmental justice issues are impacting our membership and will use EveryAction to record information and build the data needed to generate reports and information needed to determine issue-focus areas. In addition, Make the Road New Jersey will use their comprehensive Legal Server database and Hustle system to record information. All of these systems have the ability to record quantitative data as well as information in narrative form. We will be tracking the number of people we talk with, the number of qualitative stories collected, and the number of new people we engage in this project through these conversations. This will allow us to easily reach our goals of collecting 600 surveys from community members and having conversations with over 4,500 community members about climate justice issues.

Once all of this data is collected and conversations are completed, we will hold discussions with member leaders in our environmental justice/climate committees about what themes are coming out of our conversations and what next steps we should take based on the experiences community members shared and themes that emerged. This will lead to more public forums and educational efforts both inside our membership and within the wider community where we will track engagement and ideas that are generated in these spaces. Each state will hold at least 6 educational sessions (18 total) and will use our outreach to bring in 50 new members and leaders per state (150 total) that will help regularly participate in and lead our climate justice work.

Climate and clean energy will always be a part of Make the Road States' work because it directly impacts our members on a daily basis, especially via the rising temperature, lack of clean air, and increasingly limited access to water in Southern Nevada, the aging housing stock, exposure to lead and other harmful elements, and lack of clean air and water in the cities of Eastern Pennsylvania, and life threatening heat levels within NJ warehouses. Thanks to our year-round organizing model, MRS has been able to develop a cohort of environmental and energy equity ambassadors out of our membership base in each state that engage the broader community on these issues. We will use the information collected in this project to continue to prioritize centering the voices of those most impacted in our work and are confident that uplifting their voices will lead to long-term solutions at the local, state, and federal policy levels.

Programmatic Capability

Make the Road Nevada (MRNV)

Make the Road Nevada has engaged our membership on climate equity work from our inception, because the environment in which our members live is inherently tied to issues they face in their everyday lives. As a result of this work, we are leaders in the Nevada Environmental Justice Coalition (NEJC), where, along with our partner organizations, we ensure the environmental inequities faced by communities of color are central to the coalition's work. The majority of our members are Latinx working families living in Las Vegas' East and North sides. Higher rates of asthma and obesity can be directly tied to the air quality and increased risk for heat stroke and dehydration are a clear result of more people working outside, living without air conditioning, and being forced to walk to and from poorly placed and inadequately shaded public bus stops. Through weekly meetings and ongoing outreach, we work to educate members on steps they can take in their everyday lives to help stem the effects of rising temperatures for themselves and their families. Along with leading the Nevada Environmental Justice Coalition, Make the Road Nevada regularly partners with local organizations including Chispa, the Progressive Leadership Alliance of Nevada, Make It Work Nevada, and Moms Clean Air Force/EcoMadres. Make the Road is also a member of the Southern Nevada Blue Ribbon Panel on Social Equity and the Nevada Hispanic Legislative Caucus' subcommittee on environmental issues. Make the Road has an existing Environmental Justice committee with a record of developing plans around environmental equity, holding focus groups, leading community planning sessions, and identifying new community members to join in the work.

In Nevada, this project will be led by Jose Rivera, our Environmental Justice Organizer. Jose is responsible for growing and guiding Make the Road Nevada's Environmental Justice Committee. Through this committee, Jose develops new members into strong leaders who take action on the issues most impacting themselves and their families. Jose has extensive experience

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in leading community outreach projects, focus groups, and data collection in underserved communities. Jose will have the support of our dedicated Data Manager and our experienced communications team. Jose will also be able to count on our Organizing Director and Lead Organizer, who bring a combined decade + of experience, as well as our entire senior management team for guidance. Our communications team will be available to create content, place ads, and attract media. Finally, key to the success of this work will be the 12 person outreach team working full time to knock doors, make phone calls, and introduce Nevadans to discussions around climate policy solutions.

Make the Road Pennsylvania (MRPA)

Make the Road Pennsylvania has been canvassing and organizing in Eastern PA since 2014 identifying issues in the community and organizing community members to make change and fight for their rights. Over these nine years we have engaged tens of thousands of people, knocked on hundreds of thousands of doors, and made concrete changes to benefit the lives of Black, brown, Latine, immigrant, working-class and poor people in Allentown, Reading, and Philadelphia. Our organizing model focuses on direct community engagement and leadership within the work that we do. We always start out by asking community members what issues are impacting them on a daily basis and what changes they want to see in their neighborhoods and communities. For example, we recently engaged in a campaign to make changes to housing policies in Pennsylvania because we heard again and again from members about how they could not afford to make needed repairs to their homes or that landlords were keeping homes in disrepair. We worked with several coalition partners and state legislators to implement a new program that set aside $125 million dollars for low-income homeowners and landlords to make needed repairs and weatherization of their homes.

We bring this same community-led process to all of our work including work focused on climate justice. For several years now climate and environmental justice are issues that we have organized and built power around. Make the Road Pennsylvania is one of the lead organizations in our statewide climate table, providing the perspective of Black and brown residents at tables that are many times majority white. Our organizers and canvassers identified many issues related to environmental and climate justice that impact our members including lack of adequate public transportation, elevated asthma rates and lack of clean air, lead exposure and lead poisoning in children, and inadequate weatherization in homes increasingly facing climate extremes. We formed a committee focused on climate justice issues and worked with our members to provide education on the ways in which climate issues were impacting their daily lives and the terminology used within climate justice spaces. We also discussed the ways in which many of our members immigration stories relate to climate catastrophes and changes in their home

countries which led them to migrate to the United States. This gave our members the confidence to speak about the way climate injustice impacts them in coalition spaces that are predominantly white and take leadership in those spaces to demand changes for their communities. As mentioned above, we had a huge victory at the intersection of climate and housing, getting resources to low-income homeowners to address climate related housing issues.

In Pennsylvania, this project will be led by our Policy Fellow who we are in the process of hiring and will be on boarded by the end of May. This staff member will be supported by Patty Torres, our Organizing Director. Patty has over a decade of experience organizing and supporting organizers in completing projects and campaigns similar to this work. Patty began organizing as a teenager in Brooklyn fighting for better schools for herself and her peers and has not stopped since. Patty has overseen successful campaigns for the Whole Home Repairs Act mentioned earlier, the channeling of hundreds of millions of more dollars in education funding to poor school districts across PA, and many other tangible policy victories. This project will also be supported by our field team that consists of 8 full time field organizers who are in the streets and on the phones everyday talking to community members about the issues that impact them. They have thousands of conversations every month and tens of thousands of conversations every year helping us stay rooted and connected to the community. They are also from the community and speak the language of the community ensuring that community members feel comfortable approaching and talking to them.

Make the Road New Jersey (MRNJ)

Make the Road New Jersey supports low income and immigrant communities to achieve dignity and respect through community organizing, the provision of high quality legal and support services, policy innovation and transformative education. MRNJ has deep community roots and runs community centers in Elizabeth, Perth Amboy and Passaic, NJ and satellite organizing hubs and clinics in Newark. Our legal services, support services, health promotoras and adult and youth education programs serve more than 15,000 immigrant families and families of color each year. MRNJ has cultural and linguistic expertise to reach tens of thousands of Latine immigrant families in our communities and is the trusted voice and resource in our communities for immigrant rights issues. We have been leaders in developing, refining and replicating peer-to-peer outreach programs that have enabled many thousands of vulnerable immigrants to improve their health, get to college and enroll in public benefits. MRNJ also leads coalitions with dozens of stakeholders on workplace safety, immigrant rights and access to aid during the pandemic. During the 2020 census, MRNJ led a coalition from 2019-2020 of immigrant organizations to reach hard-to-court individuals across the state. In addition, our non-partisan civic engagement program annually reaches tens of thousands of voters of color.

MRNJ's part in this project will be led by our Director of Worker Organizing and Policy, Garrett O'Connor. Garrett is a graduate of the Friends World Program at Long Island University (LIU-Global) where he engaged in experiential learning, social change, and global change. Garrett has worked building leadership and membership across community organizations in NYC to build participation in the largest climate action in history, the People's Climate March. Throughout his career, Garret has launched several innovative campaigns for worker and environmental justice.

Make the Road States will undertake the following to ensure compliance with the EPA's Pre-award Compliance Review for Nonprofit Organizations:

- Conduct an internal assessment of your organization's environmental practices and policies.
- Identify any areas where you may be out of compliance with EPA regulations.
- Develop an action plan to address any compliance issues.
- Submit required documentation to the EPA.
- Cooperate fully with EPA staff during the review process.
- Implement corrective actions to address any identified compliance issues.
- Maintain ongoing compliance with EPA regulations through regular audits and training for staff.

Past Performance

Make the Road Nevada received $99,600 in funding from Community Catalyst's Vaccine Equity and Accessibility Program in 2021. In our goal to promote vaccination, our organization brought on 4 community health outreach workers, or Promotoras. Of those hired, 4 were vaccinated with both doses of the COVID-19 vaccine and 3 got the third dose. All 4 identified as Latina and were fluent in both English and Spanish. Part of the work in this project included making phone-banking calls to encourage people to get vaccinated. Also, sometimes people could call community health workers to coordinate vaccination appointments with vaccination centers, coordinate transportation, or coordinate vaccination events. Overall, these phone calls helped more than 7,000 Nevadans to coordinate their vaccination against COVID-19. In this way, we promote public health in our communities. Most of the people to whom the vaccine was coordinated fell into one, or usually more, of the following groups: Latinx, low-income, migrant, undocumented, partially documented, outdoor worker. We also directly contacted more than 9,000 residents of Clark County and were able to collect more than 250 surveys around the attitudes toward the vaccine. We met or exceeded each goal undertaken during this grant and provided comprehensive, timely reports.

Make the Road Pennsylvania was part of a collaborative effort across Make the Road States to collect surveys and data related to access to Medicaid. We received $40,000 to conduct 90 surveys and far exceeded our survey goals thanks to our strong canvassing and organizing team talking to community members and supporting them in filling out surveys and collecting data. We also received a $425,000 30 month grant from the Climate and Clean Energy Equity Fund that focused on our climate justice work. The grant included outreach and community education goals including conversations with 1,500 people, regular community meetings, leadership development of members, regular participation in a climate equity table, and participation in training and grant meetings. As an organization we met and exceeded all of these goals, becoming an organizational leader across the state in climate justice issues, talking to thousands more people than before about climate issues and leading conversations at the Climate Equity table around the intersection of race, immigration status, and local and global climate issues. We met all of our reporting requirements and had regular conversations with the funder about our work. We have development and leadership staff dedicated to tracking grant progress and updating funders to ensure that we meet all requirements.

Make the Road New Jersey received an award for $900,000 from the New Jersey Department of Health to build the COVID Community Corps and team of Community Health Workers in the state. MRNJ's project with NJDOH is focused on vaccine outreach and advancing public health equity. MRNJ and NJDOH work collaboratively to build elaborate and sophisticated systems to track the impact of our collective community outreach efforts. Through this partnership, MRNJ has been able to reach over 65,000 low-income and working-class communities to be vaccinated against COVID-19. MRNJ submits quarterly, monthly, and daily outreach reports to the NJDOH, and participates in weekly cohort meetings focused on performing outreach activities across three counties in NJ.

Quality Assurance Project Plan (QAPP) Information

This program will incorporate pre-existing environmental data, but it will also gather social science data from both Make the Road States members and the broader community. The social science data will encompass perceptions regarding health impacts, changes in behavior related to environmental impacts, and usage of information. Make the Road States has a proficient digital media outreach system in place, which will enable the collection and analysis of this data on a monthly basis. However, data collection may need to be conducted more frequently as needed. A quality assurance plan will be developed that includes a data management and data archiving strategy for the social science data.

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1.0 PROGRAM OBJECTIVES

1.0 a. Project Summary

Project Title: Building a Healthy Newark: Tackling Lead Poisoning in the East, South, and West Wards of Newark, New Jersey
Project Location: East, South and West Wards of Newark, New Jersey

Primary Applicant: New Jersey Future, 16 West Lafayette Street, Trenton, NJ 08608

New Jersey Future (NJF) is a statewide nonprofit, nonpartisan organization that promotes sensible and equitable growth, redevelopment, and infrastructure investments to foster healthy, strong, resilient communities.

Applying for a Small Set Aside? No

Abstract
This two-year community-driven project will empower vulnerable community members in select wards of Newark, New Jersey to improve their health by building strategic collaborations, educating community members, and finding solutions to reduce lead exposure. Through a partnership between a statewide organization (New Jersey Future) and a community-based organization (Newark Water Coalition), called the "Project Team," community members will develop solutions that improve health and equity. Project Team member Newark Water Coalition (NWC) will interface directly with community members to expand its in-home lead testing and education program within Newark's East, West, and South Wards. Project Team member New Jersey Future will equip community members in these wards with policy advocacy skills and resources to engage with city decision-makers, and will amplify community members' priorities and efforts by integrating them into a statewide policy collaborative. Project Team member New Jersey Future will be the primary applicant and fiscal sponsor. Outputs include: 50 homes tested for lead; 25% of community members trained on lead risks and solutions; 30 community members trained as lead risk assessors; four workshops held on policy advocacy; and eight meetings between community members and city and state decision-makers. Outcomes include: reduced lead poisoning in community members; fewer homes containing lead; Newark in-home lead testing staff to include more community members; increased state and local funding, laws, enforcement, and programs for lead poisoning prevention and remediation; and more community members advocating on environmental justice issues including lead at the city and state levels.

Environmental Issue: Lead Contamination

Project type: Education, training, and technical assistance

Special Consideration: No

List of Project Partners: Project Team members (NGO), Lead-Free NJ (collaborative), Green and Healthy Homes Initiative (national NGO), Environmental and Occupational Health Sciences Institute, Rutgers University (Academic), and St. Stephan's Church (faith-based).
QAPP for your project: Yes

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1.0.b.Environmental and Public Health information of the Underserved Community
Target Community Served by This Project

The Project Team seeks to improve environmental and public health of the East, West, and South Wards of Newark by reducing lead-poisoning. community members in these wards face multiple forms of persistent inequities (ex. food insecurity, poverty), which exacerbate the disproportionate harms and risks caused by lead exposure in particular. Lead is a legacy pollutant derived from multiple sources of contamination that have been exacerbated by food insecurity as well as lack of oversight, political will, and funding.

Community Grassroots Organization: Project Team Member—Newark Water Coalition

Project Team member Newark Water Coalition as a frontline grassroots organization, works directly with an intergenerational population, with people ranging from age 11 to as old as 70 years old. These community members take leadership roles in the organization. The Newark Water Coalition is also a multi-ethnic organization represented by diverse communities such as immigrants (mainly Central and Southern American), non-English-speaking (Spanish and Portuguese-speaking) people, and people identifying as racial minorities (including African American and Hispanic). The Newark Water Coalition is the community group made of community members with a desire to take charge in their local wards, each of which is underserved and an environmental justice zone. The organization runs three water and food distribution sites in Newark that serve neighborhoods with extremely high exposure to lead paint and other inequities. All work and outreach are tailored to the specific needs of the community—such as translating all materials and having people who speak the same language as community members as part of the team.

The Operations of the Newark Water Coalition

The Newark Water Coalition opened its South Ward office March of 2022. Since then, Newark Water Coalition has been able to reach an estimated 6,000 community members directly since opening the office, based in the Clinton Hill section of Newark. The indirect household reach is around 20,000 community members, who do not have access to computers and the Internet. Previous surveys have found that a lot of the community members also do not know how to operate a computer, even if they did have Internet access. The Newark Water Coalition has been able to provide services such as assistance in signing up for housing vouchers and finding legal representation, as well as serving the organization's free food and water program.

The first office of the Newark Water Coalition opened in September of 2021 at St. Stephan's Church in the East Ward of Newark in the Ferry Street Section. This location is only in operation once a week and has been able to directly reach an estimated 6,400 community members so far. The yearly indirect household outreach of the office is over 25,000 community members. This community is home to the immigrant population of Newark, mainly Portuguese-speaking community members. Most of the community members served at the St. Stephan's office are non-English speaking, and many are unemployed or underemployed. The community members are also often underinsured and have a household average of three or more people.

The Newark Water Coalition is in the process of opening its second office location in the South Orange Avenue section of the West Ward of Newark. This is to be the home of the Newark Water Coalition training academy, along with its free food and water program. The organization

operated out of this location once a week, averaging outreach to 1,560 community members yearly. Full time in the location will allow the Newark Water Coalition to serve a predominantly African American community that is also largely underemployed and unemployed.

Community Characteristics Served by This Project

The neighborhoods served by Project Team Member Newark Water Coalition will also be the communities reached via this project. The Environmental Protection Agency's (EPA) EJSCREEN tool provides context around the burdens faced by these environmental and social justice communities:

- Most of the South Ward is in the 80–100th percentile for lead paint levels, 90–100th percentile for unemployment rate, and 90–100th percentile for rate of low life expectancy. (Project Team member Newark Water Coalition's Clinton Hill office is located in the South Ward of Newark).
- The West Ward is between 80–90th percentile for lead paint levels, 95–100th percentile for rate of low-income households, and 95-100th percentile for the rate of people of color in the population. (Project Team member Newark Water Coalition's South Orange Avenue office is located in the West Ward of Newark).
- The heavily populated (as opposed to industrial) sections of the East Ward are in the 70–90th percentile for lead paint levels, 95–100th percentile for rate of low-income households, and 95-100 percentile for rate of limited English-speakers. The St. Stephan's Church office serves this ward.

According to the New Jersey Department of Environmental Protection (NJDEP), census blocks in each of these wards contain a multitude of other environmental stressors (e.g., concentrated area of air pollution, contaminated sites, solid waste facilities, point source of water pollution, lead exposure, and social determinants of health), ranging from a low of 9–11 stressors to a high of 22–25, where 25 is the maximum number of stressors possible.

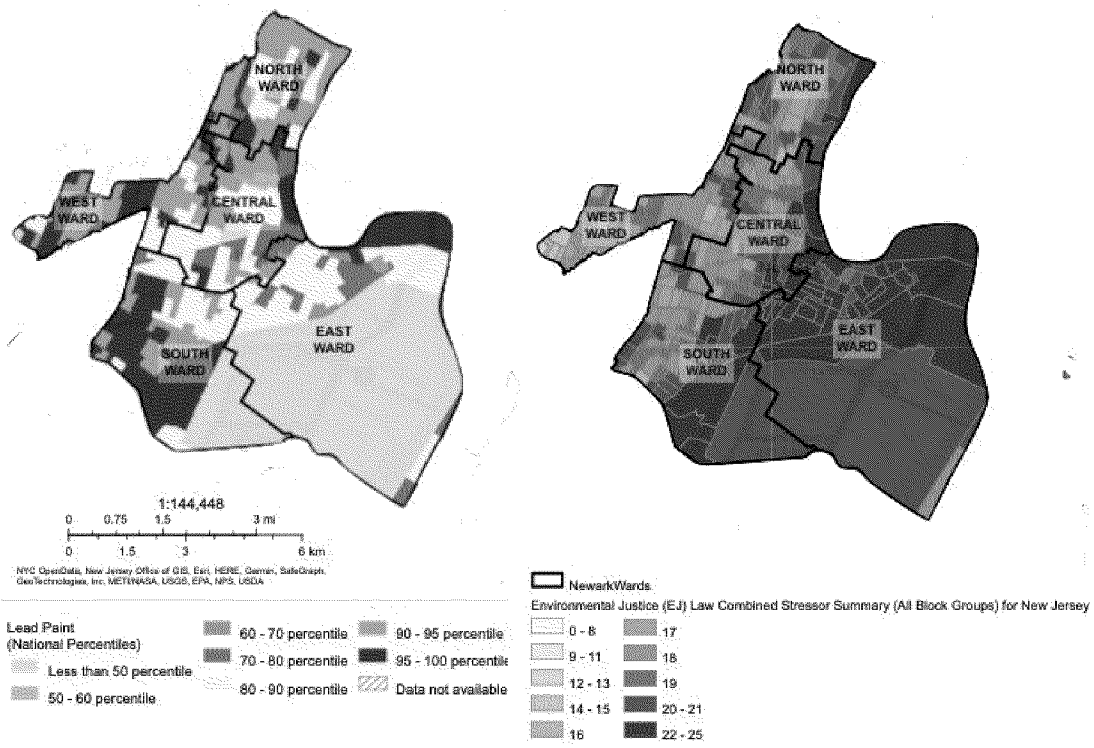

Figure 1: (Left) EPA'S EJSCREEN tool shows the burden of lead paint within each ward in Newark. (Right) New Jersey Department of Environmental Protection's map shows the Combined Stressor Total for each census block group under the New Jersey Environmental Justice Law.

The vast majority of the East (non-industrial portions), West, and South Wards of Newark are characterized by the State of New Jersey as "overburdened communities." Most of the non-industrial sections are considered "Low Income and Minority", some are labeled "Low Income, Minority, and Limited English," some are considered"Limited English," and one is labeled "Low Income." (See the legend below Figure 2 for more details.)

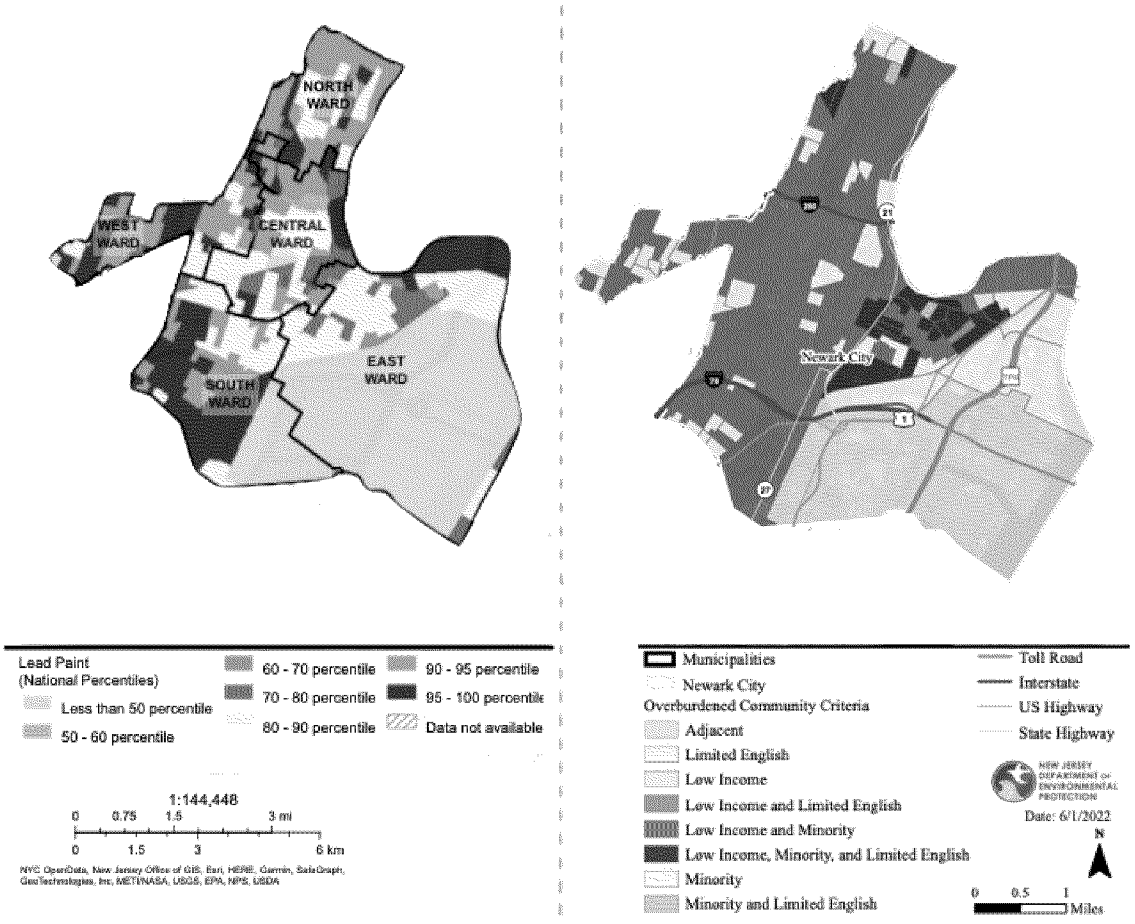

Figure 2: (Left) EJSCREEN Environmental Justice Index for the city of Newark showing the burden of lead paint in each ward in Newark. (Right) Adapted from the NJDEP Overburdened Communities (OBC) under the New Jersey Environmental Justice Law in Newark City in Essex County. An overburdened community is any census block group, as determined in accordance with the most recent United States Census, in which: (1) at least 35% of the households qualify as low-income households; (2) at least 40% of the community members identify as members of a minority or as members of a State-recognized tribal community; or (3) at least 40% of the households have limited English proficiency. Census block groups with zero population and located immediately adjacent to an OBC are labeled as "adjacent."

Local Environmental/Public Health Issue the Project Will Address

The environmental and public health issue that the Project Team will address is lead poisoning, since lead exposure is rooted in systemic structures of oppression. Lead is a toxic metal and even at low exposure levels, it can be harmful to human health when ingested, as lead accumulates in the body over time. Lead poisoning has been an issue for centuries, with exposure originating from lead pipes, lead-based paint, soil, and dust. Congress banned the use of lead pipes and lead-based paint in the 1970s and 1980s, but prior to that, the use of lead was prevalent, particularly in buildings constructed prior to the 1950s. There is a direct relationship between older housing and the prevalence of lead service lines (connecting water mains to homes), lead

internal plumbing, and lead-based paint. Since New Jersey's urban areas have a relatively high proportion of older housing in close proximity to historical industrial sources, these houses also have a high likelihood of containing lead in the soil. Therefore, children in New Jersey cities with older housing stock have consistently high rates of elevated blood lead levels (EBLLs).[1] A 2018 report, the New Jersey Lead Poisoning Prevention Action Plan,[2] found that community members of the City of Newark were disproportionately low-income and people of color compared with the rest of the state, and were more likely to live in a pre-1940 home and/or rental housing.

Newark is in the top 10 large municipalities in New Jersey with children age six and under showing elevated blood lead levels.[3] Though lead levels in the bloodstream may decrease after exposure, lead can stay in the bones of children and release later in life, affecting school performance, or could even cause pregnancy complications in adulthood.[4] Lead exposure may lead to a range of negative health outcomes, such as learning or behavioral problems including hyperactivity, developmental delays, and failure to reach age-appropriate milestones; damage to major organs; hearing and speech problems; and gastrointestinal distress.[5] School age children exposed to lead may experience emotional, behavioral, and learning difficulties that may result in poor performance in class or problems with their peers.

Local Environmental/Public Health Results Project Will Achieve and Benefits

The Project Team seeks to improve environmental and public health of East, West, and South Wards of Newark via a community-driven and community-supported dissemination, education, training, and sharing of lead-poisoning prevention and remediation strategies. Project Team member Newark Water Coalition and community members of East, West, and South Ward of Newark will benefit by building capacity for long term advocacy, support networks, control, and ownership of lead remediation strategies. Project Team member Newark Water Coalition will measure lead exposure in homes across multiple media sources (water, paint, soil, and dust) with a focus on marginalized and overburdened folks at the household level in East, West, and South Newark Wards. The community members are often recruited from the Newark Water Coalition's free food and water program or through word of mouth referral. Project Team member Newark Water Coalition will conduct these at a spatial resolution (household level) much finer than EJSCREEN or other existing datasets, and will provide insight into the pathways, exposure sources, and barriers faced by community members of the East, West, and South Newark Wards. Project Team member Newark Water Coalition will train community members in East, West, and

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[1] https://www.nj.com/news/2019/02/the-number-of-nj-kids-with-too-much-lead-in-their-blood-just-rose-for-the-1st-time-in-6-years.html

[2] NEW JERSEY LEAD POISONING PREVENTION ACTION PLAN, Green and Healthy Homes Initiative. 2018. https://www.greenandhealthyhomes.org/wp-content/uploads/GHHI_NJReport_5E.pdf.

[3] CHILDHOOD LEAD EXPOSURE IN NEW JERSEY ANNUAL REPORT, STATE FISCAL YEAR 2020, NJ Department of Health. https://www.nj.gov/health/childhoodlead/documents/reports/childhoodlead2020.pdf

[4] Redacted Redacted 2017. "Burden of Higher Lead Exposure in African-Americans Starts in Utero and Persists into Childhood." Environment International 108: 221. https://doi.org/10.1016/J.ENVINT.2017.08.021.

[5] Redacted 2004. "Environmental Health Disparities: A Framework Integrating Psychosocial and Environmental Concepts." Environmental Health Perspectives 112 (17): 1645–53. https://doi.org/10.1289/ehp.7074.

South Wards of Newark to become trusted qualified lead assessors. Project Team member New Jersey Future will provide training workshops in policy advocacy skills to community members in East, West, and South Wards to support city and state policy change that removes lead from the environment through remediation. Project Team member New Jersey Future will facilitate meaningful engagement between community members and city and state decision-makers via the Lead-Free NJ collaborative. Lead is a systemic burden which needs to be addressed through facilitating opportunities for the communities most affected to have decision-making power in moving forward.

The ultimate result of these efforts will be reduced lead poisoning of community members. Intermediate results include the following outcomes: fewer homes will contain lead; Newark in-home lead testing staff will include more community members; increased state and local funding, laws, enforcement, and programs for lead poisoning prevention and remediation; and more community members will advocate on environmental justice issues including lead at the city and state levels. Individuals and the community as a whole will benefit from having more healthy children and adults, free from the pernicious health and behavioral impacts of lead poisoning.

1.0 c. Organization's Historical Connection to Underserved Community

History of Connection With Community :
Project Team member New Jersey Future has partnered with local community organizations in Newark to tackle environmental issues for nearly a decade. New Jersey Future serves as a "backbone organization" for partnerships such as the Jersey Water Works collaborative working to transform water infrastructure, the Sewage-Free Streets and Rivers campaign working on combined sewer overflow challenges, and Lead-Free NJ (LFNJ), which launched in 2020. Newark community members are well-represented in each of these efforts as top-level leaders, partners, and active members. Lead-Free NJ, is an inclusive and equitable collaborative focused on removing lead from New Jersey's environment. New Jersey Future convenes Lead-Free NJ's 150 multi-sector partners and helps to ensure community voices center every aspect of the collaborative's operations, such as participating in collaborative decision-making, setting advocacy agendas, and ensuring elevation to leadership roles as committee chairs/co-chairs. Community voices and needs drive the agenda, with three community hubs , including Program Team member Newark Water Coalition playing a leadership role. Successes of this diverse collaborative include state policy wins leading to more funding for lead remediation and a new state law requiring lead paint inspection on certain residential rental properties, including upon tenant turnover.

Project Team member Newark Water Coalition is rooted in the communities of Newark with offices in the East, West, and South Wards of Newark. Its leadership and membership are all local community members, allowing the organization to directly serve the most vulnerable of these populations: low-income people, unhoused people, and non-English-speaking people. Over the last four years, a mix of community workshops, on topics including tenants rights and immigration support, workforce placement and development, and youth science, technology, engineering, and math (STEM) engagement programs, have been offered. Some of the programming also includes lead based workshops such as Lead 101, Community Science day on

lead testing, and even training on how to use an X-ray Fluorescence (XRF) gun to source lead in paint and soil. Since 2018, over 150,000 lbs of fresh produce and over 200,000 gallons of clean water has been distributed to community members in these wards and across the city through four community refrigerators and three food distribution centers. In 2022, Newark Water Coalition undertook a community-driven academic research project to test lead in over 300 homes across Newark. This research paper has recently been accepted for publication in a Special Issue (Liberation Science) of a peer-reviewed journal (*Environmental Justice)*. This city-wide project worked in collaboration with University of California, Berkeley to train community members to sample lead in homes and used a combination of field testing equipment (spectrophotometer for water, and XRF gun for soil and paint) and laboratory testing (ICP-MS for dust wipes). The study also surveyed community members to capture household lead exposure prevention behaviors and demographics. Reports were sent back to community members describing the lead concentrations within their homes. The study revealed lead-based paint in many homes built before 1978, as well as alarmingly high levels of lead in the soil.

d. EJCPS Model

The Project Team identifies two Environment Justice Collaborative Problem Solving Model (EJCPS) Elements to be most applicable for this project:

- *Element 2—Community Capacity Building and Leadership Development*
- *Element 4—Multi-stakeholder partnership and leveraging of resources*

EJCPS Element 2—Community Capacity-Building and Leadership Development

Project Team member Newark Water Coalition will build the capacity of communities in the East, West, and South Wards of Newark by educating community members about the problem of lead and involving them in formulating solutions and strategies. Additionally, they will conduct assessments on the scope of lead burden by testing homes and provide training to community members in these wards to become qualified lead assessors. As trusted, trained, qualified lead assessors, these local community leaders will help expand the reach within the community in addressing impacts of lead poisoning.

Project Team member New Jersey Future will expand community members' power and capacity through policy advocacy skills training and connections. Additionally, they will engage partners who have done similar work elsewhere, like the Green and Healthy Homes Initiative and effective New Jersey municipal practitioners, to present options for lead remediation and to support community members in generating their own policy advocacy priorities. The Lead-Free NJ collaborative will then facilitate opportunities for community members in the East, West, and South Wards of Newark to push for local city- and state-level policy changes with the relevant decision-makers.

Historically, the foundation and values of the Project Team member Newark Water Coalition are exemplified in EJCPS Element 2. One of the reasons that Newark Water Coalition has the trust it has in the community is that the organization is composed of community members that have gathered appropriate information and been educating themselves and their neighbors on lead since 2018. Project Team member New Jersey Future embodies the values of EJCPS Element 2

through extensive history of partnering with communities on the ground and centering community capacity-building needs through statewide initiatives such as Jersey Water Works collaborative, the Sewage-Free Streets and Rivers Campaign, and more recently, via the Lead-Free NJ collaborative.

EJCPS Element 4—Multi-Stakeholder Partnership and Leveraging of Resources

Project Team member New Jersey Future's extensive experience convening and leading large multi-stakeholder partnerships on environmental issues through the Jersey Water Works collaborative, the Sewage-Free Streets and Rivers Campaign, and Lead-Free NJ collaborative. Project Team's partnership will leverage Project Team member Newark Water Coalition's personal connections with community members across the city of Newark. The Newark Water Coalition also has extensive partnerships with other local community organizations across Newark.

Project Team member Newark Water Coalition will deepen and strengthen its partnerships through educating community members about lead, testing households for lead, and training community members to become qualified lead assessors. The opportunity to reach more community members through project activities will enable Project Team member Newark Water Coalition to expand its local partnerships around lead by engaging with new community-based organizations. It will strengthen existing partnerships with faith-based organizations such as St. Stephan's Church, which will host lead education workshops in Spanish and Portuguese to meet the needs of historically underserved, non-English-speaking communities.

Project Team member New Jersey Future will leverage their connection with Lead-Free NJ Collaborative's diverse multi-stakeholders to facilitate meaningful engagement between community members on East, West, and South Wards of Newark and city and state decision-makers on issues such as lead paint certificate law implementation, equitable funding for lead remediation, and reducing barriers to become lead assessors. Lead-Free NJ's 150 strong member network includes representation from academia, health, government, non-profits, lead remediation organizations, and community members. Project supporter and partner Green and Healthy Homes Initiative brings deep training and technical expertise in comprehensive lead assessor training, as well as knowledge and expertise in addressing lead issues nationally. Project supporter Environment and Occupational Health Sciences Institute at Rutgers University will lend expertise on scientific research, testing, and data to support the need for local and statewide holistic lead remediation.

Historically, Project Team member Newark Water Coalition's work on the ground drawing on experiences, relationships, and vision of their community and Project Team member New Jersey Future's extensive policy advocacy expertise, diverse state level networks, and work with LFNJ collaborative have been successful in facilitating state level and city policy change that supports lead remediation.

1.0 e.Project Linkages

Support of EPA Strategic Plan Goal 2

This project will support the EPA Strategic Plan Goal 2, Objective 2.1 (Promote Environmental Justice and Civil Rights at the Federal, Tribal, State, and Local Levels) through commitments to addressing the disproportionate impact of lead poisoning in East, West, and South Wards of Newark, New Jersey. Project Team member New Jersey Future and Project Team member Newark Water Coalition will through the project activities enable community members to develop solutions that improve health and equity. Project Team member Newark Water Coalition will interface directly with community members to expand its in-home lead testing and education program locally within East, West, and South Wards of Newark. Project Team member New Jersey Future will play the role of fiscal sponsor, equip local community members in these identified wards with policy advocacy skills and resources to engage with local decision-makers, and will integrate local resident priorities and efforts with the multi-stakeholder Lead-Free NJ collaborative's statewide policy work. Project Team members will together facilitate better health, equity, and community-led solutions in the environmental justice communities of East, West, and South Wards of Newark.

1.0 f. Partner and Collaborate

Quality and extent of collaboration

Project Team member New Jersey Future (primary applicant) and Project Team member Newark Water Coalition (sub-awardee) are the main partners for this project. Project Team member Newark Water Coalition represents a community-run and community-based organization, and will be the front-line agency responsible for programmatic expansion to address the public health issue of lead exposure and poisoning in the East, West, and South Wards of Newark. Project Team member Newark Water Coalition has established recruitment strategies, methods, and testing equipment for in-house lead testing, and has staff and structure in place to begin the lead risk assessor training. For the last four years, Project Team member Newark Water Coalition has distributed fresh food and clean water to community members establishing relationships with community-based organizations across Newark. Program Team member New Jersey Future is a statewide non-profit with a history of working with communities at the local level on multiple environmental issues through statewide multi-stakeholder initiatives such as Lead-Free NJ. Project Team member New Jersey Future serves as the "backbone organization" for Lead-Free NJ collaborative, an inclusive, equitable statewide effort to eliminate lead from New Jersey's environment in collaboration with community hubs such as Project Team member Newark Water Coalition. Lead-Free NJ's advocacy and policy committees, steering community meetings, and community meetings provide community stakeholders to engage on lead issues and find solutions to lead remediation. Project Team member New Jersey Future will play the role of a fiscal sponsor and utilize local efforts on lead remediation to expand city- and state-level policy advocacy work through Lead-Free NJ. Project Team member Newark Water Coalition and Project Team member New Jersey Future have a diverse support network spanning multi-stakeholder partnerships, government agencies, religious organizations, policy advocates, and private firms, who will all support the project (see letters of support for details).

Letters of Commitment

Partners supporting this project include the Newark Water Coalition, a project team member and sub-awardee as described above.

Lead-Free New Jersey Collaborative which is a statewide multi-sector partnership of 150 different organizations working towards the shared goals of eliminating lead from New Jersey's environment. Lead-Free New Jersey's mission and goals include holistic lead remediation, equitable policy change and empowered communities. The project objectives align with these goals and will enable integration of local priorities and efforts in statewide policy work on lead. Lead-Free NJ will facilitate meaningful engagement between community members of the East. West and South Wards of Newark and city and state decision-makers via meetings, provide opportunities for community members to submit and be part of Lead-Free NJ testimonials during budget and policy hearings on lead remediation, and integrate learnings to generate city- and state-level policy recommendations on lead remediation issues.

Green and Healthy Homes Initiative, a national organization working in multiple states on lead issues and with deep training and technical expertise in comprehensive lead assessor training. They will enable provision of deep technical expertise in lead assessor training for this project.

Environment and Occupational Health Sciences Institute, Rutgers University, an academic institution whose mission is to advance broad understanding of environmental health effects through graduate training programs, scientific research, testing, and data to support the need for policy change. They will provide scientific expertise and support to this project from utilizing their significant expertise of analysis of lead and working on community-based research projects.

St. Stephan's Church and its pastor has been a pillar in Newark's East Ward on Ferry street for the last 25 years. The Newark Water Coalition has partnered with St. Stephan's Church to host programming around lead and healthy access to food and clean water. The attendance at our weekly distribution ranges from 100 to 175 community members, reaching 1,000 household members. This community is predominantly Spanish-speaking and primarily made up of immigrants. These community members also use the church as a source of information and education. St. Stephan's is able to leverage its standing in the community to provide resources to many people who traditionally are not served because of language barriers.

2.0 Project Activities / Milestone Schedule / Detailed
2.0 a Project Activity:
Activity 1: Expand Newark Water Coalition's in-home lead testing and lead risk assessor training program locally within East, West, and South Wards of Newark. The Newark water coalition seeks to build on the mobile lead testing unit project launched in the second half of 2022. The organization plans on using previous recruitment efforts such as stipends and referral bonuses to test more homes and community members.

Activity 2: Project Team member New Jersey Future to conduct local policy advocacy skills training workshops and facilitate meaningful engagement via Lead-Free NJ Collaborative between community members in East, West, and South Wards of Newark and city and state decision-makers on lead remediation issues. These issues include concerns around the implementation of lead paint certificate law and reducing barriers of entry to become qualified lead assessors.

Anticipated Activity Results:

Activity 1:
- 50 low-income, marginalized community households in East, West, and South Wards receive in-home environmental (water, paint, soil, and dust) lead testing, as well as receive community-led education on healthy living and lead prevention.
- 25% of participants will attend community workshops.
- 30 community members in East, West, and South Wards of Newark will be trained and certified lead risk assessors.

Activity 2:
- Four policy advocacy skills training workshops in East, West, and South Wards
- Eight engagements via Lead-Free NJ between community members of East, West, and South Wards of Newark and city and state decision-makers

Outputs:
Activity 1:
- 300 household specific data on lead soil concentrations.
- Conduct eight home lead testing workshops and events in Q1,Q3,Q5 & Q7
- Conduct 10 lead awareness and knowledge building workshops in Q1,Q3,Q5 & Q7
- Conduct 10 training sessions for lead risk assessor training skills in Q2, Q4,Q6 & Q8.
- Create and provide four community policy advocacy skill training workshops in Q1,Q2, Q5&Q6.

Activity 2:
- Facilitate eight engagements between community members and city and state decision-makers to inform lead remediation issues in Q3, Q4, Q7 & Q8
- Provide eight opportunities for elevating local lead remediation perspectives via statewide LFNJ meetings (including but not limited to steering committee, advocacy, membership) and Lead-Free NJ budget and policy testimonies in Q3&Q7

Short Term Outcomes:
Activity 1:
- Community members of East, West, and South Newark Wards become knowledgeable about lead poisoning causes and protective steps.

Activity 2:
- Community members will engage with decision-makers via Lead-Free NJ on lead issues such as lead paint certificate law implementation, equitable funding, and workforce opportunities to become lead assessors.
- Local and state decision-makers prioritize increase in equitable funding.

Long Term Outcomes:
Community members in East, West, and South Wards of Newark are empowered with knowledge, skills, and network connections needed to engage effectively in local and state decision-making processes on lead issues. Fewer homes in East, West, and South Wards of Newark show lead. Equitable policies on lead remediation at a city- and state-level.

2.0 b. Milestone Schedule

Activity	Year 1				Year 2			
	Q1 11/23 - 1/24	**Q2** 2/24 - 4/24	**Q3** 4/24 - 7/24	**Q4** 8/24 - 10/24	**Q5** 11/24 - 1/25	**Q6** 2/25 - 4/25	**Q7** 5/25 - 7/25	**Q8** 8/25 - 10/25
Grant executed								
Recruitment for lead assessor training								
Lead awareness and knowledge building workshops								
Training for lead assessor skills								
Home visits to assess lead risk								
Policy Advocacy Workshop skills training part 1: basic skills on understanding of the city and state policy process, lead laws, and identification of political decision-makers								
Policy Advocacy Workshop skills training part 2: support identification of city-level policy barriers on lead issues								
Community policy action meetings between statewide policy collaborative Lead-Free NJ Steering Committee and Advocacy members, city and state decision-makers, and community members								
Community members of East, West, and South Wards of Newark participate in statewide policy collaborative Lead-Free NJ testimony at Lead Remediation policy and budget hearings								
Statewide policy collaborative Lead-Free NJ integrates resident priorities into its advocacy goals and provides city- and state-level policy recommendations to aid lead paint certificate law implementation and reduce barriers of entry to become qualified lead assessors								

2.0 c. Itemized Budget Sheet/Budget Narrative—Attached Budget Sheet
The grant budget will be fiscally managed by Project Team member New Jersey Future. Project Team member New Jersey Future uses the accrual basis of accounting in accordance with U.S. generally accepted accounting principles. The total budget for this grant is $500,000 over a two year period, including a two-year, $300,000 subaward to Project Team member Newark Water Coalition for their frontline community engagement. For detailed narrative, see attachment (SF-474A).

3.0 Environmental Results—Outputs, Outcomes, and Performance Measures (Logic Model)

3.0 a. Environmental Results (Logic Model)

The project will achieve the following long term outcomes: community members in East, West, and South Wards of Newark empowered with knowledge, skills, and network connections needed to engage effectively in local and state decision-making processes on lead issues; fewer homes in East, West, and South Wards of Newark containing lead; and equitable policies on lead remediation at city- and state-level. See logic model **attached**

3.0 b. Performance Measurement Plan
The overall performance measurement plan for this project will involve Project Team member New Jersey Future in collaboration with Project Team member Newark Water Coalition to liaison regularly via monthly project calls to monitor and track progress and performance towards project outcomes. The logic model will be utilized to monitor progress, project performance, and serve as a continuous quality improvement tool to make adjustments if needed based on emerging situations. Each outcome will be tracked and assessed in detail as follows:

1. **Output-Conduct eight home lead testing workshops and events.**
    - Attendance will be tracked at the workshop via a survey conducted before and after the workshop/event. After the first workshop, a meeting will be held to determine if the recruitment strategies need to be adjusted, workshop materials need to be changed, and if desired goals of the workshop were met. Each workshop will be iterated accordingly with the goal of increasing participation and understanding of materials. Timeline:**(**Q1,Q3,Q5 & Q7)
2. **Output-Conduct 10 lead awareness and knowledge-building workshops**
    - Attendance will be monitored at each workshop. An incoming and exit survey will be conducted to track attendance, gauge baseline understanding of lead awareness and knowledge, and understand how effective the recruitment strategies were. Recruitment, advertising, and the content of the workshops will be iterated by the program staff after every workshop to expand recruitment strategies and change curriculum. Timeline:**(** Q1,Q3,Q5, Q7)
3. **Output-Conduct 10 training sessions for lead risk assessor training skills**
    - The retention rate of trainees (the number of lead risk assessors who sign up for the course and complete the course) will be monitored by three evaluation surveys. The evaluation survey will also ask questions about accessibility through teaching style, course materials, course examinations, and barriers faced by

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trainees. After each evaluation survey is administered, the course instructors will incorporate feedback into the curriculum. Each of the 10 training sessions will provide an opportunity for instructors to improve the course curriculum to increase retention and accessibility.Timeline:(Q2,4,6 &8).

4. **Output—Create and provide four community policy advocacy skill training workshops in** Q1, Q2,Q5&Q6
    - Recruitment for this will leverage activities such as lead testing workshops and knowledge building workshops and other service programs that Project Team member Newark Water Coalition offers community members. After each workshop, a feedback questionnaire via Google Forms will allow the Project Team to gather feedback on what community members learned and will utilize information to adjust and improve the policy advocacy skills training workshop to increase accessibility and retention. Retention rate for those completing the workshop (number who sign up for the workshop and complete) will be monitored by two evaluation surveys.
5. **Output—Facilitate eight engagements between community members and city/state decision-makers to inform lead remediation issues in** Q2, Q4,Q6 & Q8
    - Community members who have gone through the policy advocacy skills training workshops will be asked to attend these engagements with city/state decision-makers. Community members will be involved in planning and structuring the engagement session. A feedback questionnaire will be utilized to gather perspectives of community members on how the engagement session went and areas for improvement for the next session. The Project Team will keep track of how identified resident policy priorities at city- and state-level progress over the course of two years.
6. **Output—Provide eight opportunities for elevating local lead remediation perspectives via statewide LFNJ meetings (including but not limited to: Steering Committee, Advocacy Coordinating Committee, membership meetings) and Lead-Free NJ budget and policy testimonies in** Q4 &Q8
    - The community members who participate in the policy advocacy skills training or are part of the workshop and events on lead awareness will be invited to participate in LFNJ meetings. Community members who take advantage of this opportunity will be contacted afterwards to gather feedback on areas for improvement that can inform how the Project Team structures future opportunities.

3.0 c. Sustainability Plan and Community Vision

This project and the partnership approach to project activities enables long-term sustainability as it aligns with community goals and will be rooted in the community it benefits. Over the last four years, Project Team member Newark Water Coalition has grown from a grassroots organization centered around the lead in drinking water crisis in Newark, as well as meeting multiple basic needs of the community including distributing healthy fresh food, workforce development programs, legal support for tenants and immigrants, and youth education workshops. The Newark Water Coalition recognizes lead exposure is rooted in systemic structures of oppression and that water is not the only form of lead poisoning. Last year, the Newark Water Coalition embarked on a city-wide holistic lead testing research project alongside the University of

California, Berkeley. Through the research project (June 2022 to November 2022), the Newark Water Coalition measured lead in 315 homes in Newark, surveyed community members about health and demographics, and held a community data sharing session. The findings of the study are under review for a peer-reviewed academic publication, and the results—along with two short films on the findings and process—will be presented back to local and statewide advocacy groups, government agencies, and other community-based organizations. Project Team members aim to always share their work, best practices, and insights with other communities leveraging their partnerships and networks both at local- and state-level. The funding to increase the services and expand the testing program, not only in the quantity of homes but also by purchasing the equipment to expand their data sets in houses without the need to rely on others and institutions. One of the biggest challenges prior to getting their XRF gun was outsourcing the work to labs and costs reaching upwards of $16,000 in order to get the data that the Newark Water Coalition needed to report back to the community. Purchasing an ICP-MS machine allows the organization to continue to process samples and provide our community with verified data. At the same time, the organization would be able to take on more projects and help other communities with their research projects.

4.0 Programmatic Capability

4.0.a Organizational Experience

Project Team member New Jersey Future is a statewide nonprofit that has extensive experience partnering with community organizations in Newark on environmental issues for nearly a decade, including through the Jersey Water Works collaborative, the Sewage-Free Streets and Rivers campaign, and most recently Lead-Free NJ, which launched in 2020. Project Team member New Jersey Future serves as the " backbone organization" for Lead-Free NJ collaborative, an inclusive, equitable statewide effort to eliminate lead from New Jersey's environment in collaboration with community hubs such as Project Team member Newark Water Coalition. Project Team member Newark Water Coalition is a frontline grassroots community-based organization centered on meeting the basic needs of the community, which has been working on lead issues since 2018. The organization has expanded from just educating community members to doing research and collecting data using tools such as XRF guns and ICP-MS with university partners. Project Team member Newark Water Coalition has successfully executed various projects related to lead in the East, West, and South Wards of New Jersey. including those related to being a community hub for the statewide policy network Lead-Free NJ Collaborative, and this project only builds off of these previous achievements.

4.0.b. Staff Experience/Qualifications of Project Manager (PM)

Project Team member New Jersey Future program staff includes Jyoti Venketraman, director of Collaborations and Organizational Equity with the primary responsibility for overseeing the Lead-Free NJ collaborative. She has experience in program management, program evaluation, policy research, public health, and holds a Master's degree in Public Administration. Program staff Heather Sorge, LFNJ's program manager oversees day to day operations for the LFNJ Collaborative. She has over 10 years of leadership, advocacy, community organizing experience, and a degree in accounting finance. Program staff members Sabrina Rodriguez-Vicenty and Deandrah Cameron will provide advocacy and policy expertise that will support this project's

expansion of city and statewide lead policy work, and Director of Finance and Administration Ron Dukes will provide fiscal and reporting oversight.

Project Team member Newark Water Coalition program staff includes Anthony Diaz, the Executive Director of Newark Water Coalition, who has primary responsibility for overseeing all programmatic activities. The Newark Water Coalition has program staff in place with experience running a grassroots organization, three offices, multiple food and water distribution sites across Newark, and recently, a community-driven academic research project (see their Letter of Support for details about the organizations' structure and experience). Program staff Ravin Ramsaran, office manager, mainly manages and oversees the activities of the office including planning and hosting public events, facilitating projects, or distributing water. Ramsaran has experience in canvassing, leadership, event planning, community organizing and risk assessment for lead. He is currently completing his degree in biomedical engineering. Ramsaran would move into the program manager role if awarded this grant.Program staff Aoi Morel, director of Finance and Operations implements policies and procedures to ensure Newark community members receive clean, safe, lead-free water. She also oversees budgeting and financial compliance with NWC's fiscal sponsor. She brings knowledge of urban water issues, a B.S. in Finance, a passion for addressing these problems, and professional background to make a difference locally.. Program staff Bavisha Kalyan, grants coordinator, co-coordinated the 2022 NWC Mobile Lead Testing Unit as a part of her dissertation work at University of California, Berkeley. She has experience running multi-stakeholder projects in low resource settings. Kalyan completed her Bachelors and Master's degrees in civil and environmental engineering, and is currently completing her doctoral degree with a focus on conducting community-driven research when remediating urban infrastructure systems. Program staff Walter Diaz, director of Training, has five years of occupational health and safety training experience. His career has been focused on advocacy, community engagement, and organizing. Diaz will support the training and expansion of the NWC lead testing and training program.

4.0.c. Expenditure of Awarded Grant Funds, and plan for compliance with EPA's Pre-award Compliance Review for Nonprofit Organizations

Project Team member New Jersey Future as a primary applicant has a strong history of managing millions of dollars of grant funds effectively, and efficiently meeting its financial, operational, and compliance requirements. Such financial, operational, and compliance functions are led by the Director of Finance and Administration, Ronald Dukes. He is a certified public accountant (CPA) and certified information systems auditor (CISA) who brings over ten years of experience (including Big Four audit firm experience) working with Fortune 500 and not-for-profit organizations on designing and implementing effective and efficient internal controls, policies, and procedures. Project Team member New Jersey Future, with the director of Finance and Administration's leadership in these functions, is confident that the organization has the adequate financial controls systems, and procedures in place to comply with EPAs' Pre-Award Compliance Review for Nonprofit Organizations. Project Team member New Jersey Future is able to demonstrate this preparedness, upon request, by submitting EPA's Administrative Capability Questionnaire.

5.0 Past Performance

Project Team member New Jersey Future (NJF), the primary applicant and fiscal sponsor, has worked with several funders including the following:

Robert Wood Johnson Foundation

- Grant term: 8/1/2020–7/31/2022 ($270,000/yr): This funding supported the creation and implementation of the Lead-Free NJ program and collaborative with the outputs and outcomes successfully completed and reported in required narrative and/or financial reports submitted by deadlines in September 2021 and September 2022.
- Grant term: 11/01/2022–10/31/2023 ($730,000/yr): This funding supports multiple programs integrated to change policy, practice, and financing to improve New Jersey's water infrastructure, holistic lead remediation and community health. That work is progressing on target with monthly update calls held with the funder. The first formal progress report due to the funder is in December 2023.

The Geraldine R. Dodge Foundation

- Grant terms: 4/18/2018–3/31/2025 ($300,000-$334,000/yr): Annual grants renewed each year to support the Jersey Water Works program and collaborative with a focus on transforming New Jersey's aging water infrastructure. Current grant is multi-year and extends into March 2025. Work progressed through each grant term on target with formal narrative reports provided on time at the end of each grant period.

The Henry and Marilyn Taub Foundation

- Grant terms: 1/1/2017–12/31/2024 ($90,000/yr): Two-year grants which have renewed consistently funding the Creating Places to Age program. Work progressed, including outputs and outcomes, on target for each grant period including planning and implementation guides for municipalities. Both mid-project and final reports have been submitted on time to the funder.

The Kresge Foundation

- Grant terms: 7/1/2019–6/30/2024 ($150,000/yr): Three grants from this funder have been received during this period. The first was a two-year grant, the second was one-year and the current grant is two years. This funding supports the Sewage-Free Streets and Rivers program and campaign that is focused on addressing combined sewer overflow issues in select New Jersey municipalities. Work has progressed on target for each grant with outputs and outcomes attained. All mid-project and final reports were supported on time to the funder.

William Penn Foundation

- Grant terms: 7/1/2017–7/31/2024 ($290,000–$385,000/yr): The funding from this funder supports the ongoing programmatic work in mainstreaming green infrastructure as a critical tool for addressing water quality and flooding issues. These have been multi-year grants (two to three year terms). All outputs and outcomes have been achieved including two websites created providing technical information for municipalities and developers respectively and a printed implementation guide for developers. All interim and final reports have been submitted to the funder on time.

6.0 Quality Assurance Project Plan (QAPP) Information (If applicable)

The project will need a QAPP.

Ronald Dukes <rdukes@njfuture.org>

CONFIRMATION: Registration Submitted for NEW JERSEY FUTURE, INC. / EQVJPH4BTLN3 in the U.S. Government's System for Award Management (SAM)

1 message

donotreply@sam.gov <donotreply@sam.gov> Tue, Mar 7, 2023 at 4:57 PM
To: rdukes@njfuture.org

This email was sent by an automated administrator. Please do not reply to this message.

Dear Ronald Dukes,

You successfully submitted the entity registration for NEW JERSEY FUTURE, INC. / EQVJPH4BTLN3 in the U.S. federal government's System for Award Management (SAM). This registration record will remain in Submitted status until all external validations are complete.

What happens next?

1. If you provided a Taxpayer Identification Number (TIN), the Internal Revenue Service (IRS) will conduct a validation of your TIN and Taxpayer Name. This step can take two business days. You will get an email from SAM.gov when that review is complete.

2. Your registration will then be sent to the Defense Logistics Agency (DLA) Commercial and Government Entity (CAGE) Code system for assignment or validation of your CAGE Code. This step averages two business days, but the DLA CAGE team can take up to ten business days, or longer, in peak periods. You will get an email from SAM.gov when that review is complete.

3. If the DLA CAGE team has any questions, they will contact the individual you listed as the Government Business Point of Contact (POC) via email. The email will come from a dla.mil address. Please tell your Government Business POC to respond right away to any requests from a dla.mil email. If a timely response is not received, your registration will be returned to SAM and your registration status changed to Work in Progress. You will have to resubmit and provide the requested information to DLA CAGE to continue.

4. You will get an email from SAM.gov when your registration passes these external validations and becomes Active. Until then, use the Check Registration Status link at SAM.gov to see where your registration is in the review process.

5. If you have not previously submitted a notarized letter formally designating the Entity Administrator for your entity, you must do so now. Failure to do so within 60 days of activation may result in the registration no longer being active. NOTE: You are not required to provide a notarized letter for a federal entity registration.

Remember, this process is entirely FREE to you. It is FREE to register and maintain your registration in SAM. It is FREE to get help with your registration from the Federal Service Desk at www.fsd.gov or by telephone at Ex. 6 - Personal Privacy (PP) (toll free) or Ex. 6 - Personal Privacy (PP) (internationally).

In addition, if you are located in the U.S. and its outlying areas, you can get FREE support from your local Procurement Technical Assistance Center (PTAC), an official resource for government contracting assistance. Go to http://www.aptac-us.org/ to find your closest PTAC.

Thank you,
The System for Award Management (SAM) Administrator
https://sam.gov

Ronald Dukes <rdukes@njfuture.org>

IRS TIN Match Validation Successful for NEW JERSEY FUTURE, INC. / EQVJPH4BTLN3 in the U.S. Government's System for Award Management (SAM)

1 message

donotreply@sam.gov <donotreply@sam.gov> Wed, Mar 8, 2023 at 10:47 AM
To: rdukes@njfuture.org
Cc: rdukes@njfuture.org

This email was sent by an automated administrator. Please do not reply to this message.

Dear Ronald Dukes,

Your entity registration in the U.S. federal government's System for Award Management (SAM) passed the Internal Revenue Service (IRS) validation of your Taxpayer Identification Number (TIN) and Taxpayer Name, known as the IRS TIN Match process.

This is one step in the overall registration process. If you have not already done so, you must complete and submit your registration. It will then be sent to the Defense Logistics Agency (DLA) Commercial and Government Entity (CAGE) Code system for assignment or validation of your CAGE Code.

You can check your registration status at any time. Go to the SAM homepage at https://www.sam.gov and select Entity Registration, then Check Status. Enter your Unique Entity ID or CAGE Code to quickly check your progress. If your status is not Submitted, you need to complete and submit your registration.

1. Go to the SAM website at https://www.sam.gov and log in
2. In your Workspace, select the Entity Management link
3. On the next page, locate or search for the Work in Progress entity you need to submit. Note that the registration status is displayed.
4. Select the Action icon to the right that has three vertical dots
5. Select Update and complete the registration. Review every page in the registration to submit. Start at the beginning, review, or update the content as required, and select Save and Continue on each page. At the end, be sure to select Submit. You will see a confirmation message when you successfully submit your registration.

Remember, this process is entirely FREE to you. It is FREE to register in SAM. It is FREE to get help with your registration from our supporting Federal Service Desk at www.fsd.gov or by telephone at Ex. 6 - Personal Privacy (PP) (toll free) or Ex. 6 Personal Privacy (PP) (internationally).

In addition, if you are located in the U.S. and its outlying areas, you can get FREE support from your local Procurement Technical Assistance Center (PTAC), an official resource for government contracting assistance. Go to http://www.aptac-us.org/ to find your closest PTAC.

Thank you,
The System for Award Management (SAM) Administrator
https://www.sam.gov

Ronald Dukes <rdukes@njfuture.org>

Fwd: RESPONSE REQUIRED: UEI EQVJPH4BTLN3 - Commercial and Government Entity (CAGE) Code Office - System for Award Management (SAM) Registration - Verification needed

13 messages

Peter Kasabach <pkasabach@njfuture.org> Wed, Mar 29, 2023 at 9:20 AM
To: Ronald Dukes <rdukes@njfuture.org>

---------- Forwarded message ---------
From: Ex. 6 - Personal Privacy (PP)
Date: Tue, Mar 28, 2023 at 1:52 PM
Subject: RESPONSE REQUIRED: UEI Ex. 6 Personal Privacy (PP) - Commercial and Government Entity (CAGE) Code Office - System for Award Management (SAM) Registration - Verification needed
To: <DSCHRAUTH@njfuture.org>, <PKASABACH@njfuture.org>
Cc: Ex. 6 - Personal Privacy (PP)

DISCLAIMER: CAGE email letters are auto-generated every time your registration is sent from SAM to our system. Previous responses are not stored in our system until the registration is accepted for final processing. Please answer each of the questions below. Failure to do so will delay your registration process.

PLEASE RESPOND TO THIS EMAIL WITH THE REQUESTED INFORMATION WITHIN 3 BUSINESS DAYS AND RETAIN THE SUBJECT LINE FOR TRACKING PURPOSES WITH UEI EQVJPH4BTLN3

PETER KASABACH,

Your System for Award Management (SAM) registration was forwarded to the CAGE code office for the purpose of assigning a new CAGE code or renewing an existing CAGE code with updated information. We have identified a discrepancy that must be addressed and verified before the request can be processed.

SECRETARY OF STATE DOCUMENTS NEEDED

The information CAGE received from SAM for your legal business name is: NEW JERSEY FUTURE, INC. located at 16 W. LAFAYETTE STREET, TRENTON, NJ 08608

RECEIPT OF CURRENT DATED LEGAL BUSINESS NAME DOCUMENTATION REQUIRED

In order for CAGE to process your registration you must provide the following legal documentation and answer the listed questions below when you reply back to our office:

• We are unable to determine the status of your legal business name from the Secretary of State (SOS) where you indicate your business is physically located according to the address accepted within SAM. Please provide either a current statement of good standing, current Articles of Organization/Incorporation dated within the last 12 months, or a screen shot of the status obtained from the SOS. If your company is incorporated within another state, then please provide the current legal business name documentation from that state that shows your company status is active and/or in good standing.

Please provide a response within 3 business days by replying to this email and CC-ing Ex. 6 - Personal Privacy (PP) If no response is received your vendor registration will be returned to SAM and your registration will not be processed.

Thank you,

Commercial and Government Entity (CAGE)
Enterprise Sourcing, Medical, Contingency (ACH)
Defense Logistics Agency (DLA)

DLA Customer Interaction Center (Available 24 x 7) Comm: Ex. 6 - Personal Privacy (PP)
http://www.dla.mil/CustomerSupport.aspx

"We are DLA. We are committed to providing you, our valued customer, with logistics solutions."

Ronald Dukes <rdukes@njfuture.org> Wed, Mar 29, 2023 at 9:56 AM
To: Peter Kasabach <pkasabach@njfuture.org>

Hi Pete,

Please reply-all to the email from CAGE with the three attached documents and the following message in the body:

> Greetings,
>
> In response to your request for legal documentation, we have attached a Business Status Report and a Business Registration Certificate downloaded from the State of NJ website for your verification. We have also attached a screenshot of the status obtained from the NJ SOS website.
>
> If you have any additional questions or concerns, please let us know.
>
> Kind regards,
> Peter Kasabach

If you have any questions, please feel free to let me know.

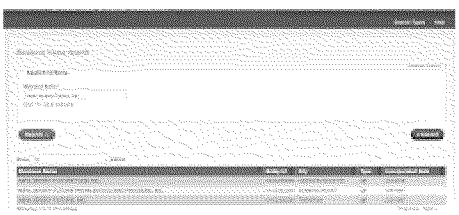
Kind regards,
Ron Dukes

NEW JERSEY FUTURE
Ronald E. Dukes, CPA, CISA (he/him)
Director of Finance and Administration
rdukes@njfuture.org
Office: Ex. 6 - Personal Privacy (PP) | Direct: Ex. 6 - Personal Privacy (PP)
16 W. Lafayette St. | Trenton, NJ 08608

[Quoted text hidden]

---

3 attachments



NJ SOS Screenshot_New Jersey Future Inc_2023-03-29.png
123K

NJ SOS Documentation_NEw Jersey Future_BE_StatusReport_0100326205_230882955350.pdf
5K

12_NJ Business Registration Certificate_2023-02-01.pdf
71K

Peter Kasabach <pkasabach@njfuture.org> Wed, Mar 29, 2023 at 9:52 AM
To: Ex. 6 - Personal Privacy (PP)
Cc: DSCHRAUTH@njfuture.org, Ex. 6 - Personal Privacy (PP)
Bcc: rdukes@njfuture.org

Greetings,

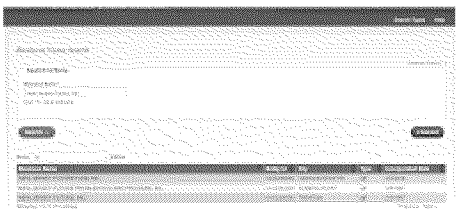
In response to your request for legal documentation, we have attached a Business Status Report and a Business Registration Certificate downloaded from the State of NJ website for your verification. We have also attached a screenshot of the status obtained from the NJ SOS website.

If you have any additional questions or concerns, please let us know.

Kind regards,
Peter Kasabach

[Quoted text hidden]

3 attachments



NJ SOS Screenshot_New Jersey Future Inc_2023-03-29.png
123K

NJ SOS Documentation_NEw Jersey Future_BE_StatusReport_0100326205_230882955350.pdf
5K

12_NJ Business Registration Certificate_2023-02-01 (1).pdf
71K

Peter Kasabach <pkasabach@njfuture.org> Wed, Mar 29, 2023 at 1:45 PM
To: Ronald Dukes <rdukes@njfuture.org>

I don't have any emails from CAGE.
[Quoted text hidden]

Ronald Dukes <rdukes@njfuture.org> Wed, Mar 29, 2023 at 1:54 PM
To: Peter Kasabach <pkasabach@njfuture.org>

Thanks, Pete!

Kind regards,
Ron Dukes

NEW JERSEY FUTURE
Ronald E. Dukes, CPA, CISA (he/him)
Director of Finance and Administration
rdukes@njfuture.org
Office: Ex. 6 - Personal Privacy (PP) | Direct: Ex. 6 - Personal Privacy (PP)
16 W. Lafayette St. | Trenton, NJ 08608

[Quoted text hidden]

Peter Kasabach <pkasabach@njfuture.org> Wed, Mar 29, 2023 at 3:45 PM
To: Ronald Dukes <rdukes@njfuture.org>

See below. Let me know next step.

--pete

---------- Forwarded message ---------
From: **Shuckerow, Kylee M CTR (USA)** Ex. 6 - Personal Privacy (PP)
Date: Wed, Mar 29, 2023 at 3:42 PM
Subject: RE: [URL Verdict: Neutral][Non-DoD Source] Re: RESPONSE REQUIRED: UEI EQVJF Ex. 6 Personal Privacy (PP) nercial and Government Entity (CAGE) Code Office - System for Award Management (SAM) Registration - Verification needed
To: Peter Kasabach <pkasabach@njfuture.org>

Hello Peter,

Thank you for your reply.

Please verify how you are related to the below entity, which already exists in the CAGE system:

CAGE Ex. 6 Personal Privacy (PP) UEI Ex. 6 Personal Privacy (PP) NEW JERSEY FUTURE CORP 137 W HANOVER ST, TRENTON, NJ 08618

Thank you,

Kylee Shuckerow

Commercial and Government Entity (CAGE)

CT3 Helpdesk Technician

Enterprise Sourcing, Medical, Contingency (J62ACHA)

Defense Logistics Agency (DLA)

"We are DLA. We are committed to providing you, our valued customer, with logistics solutions."

[Quoted text hidden]

Peter Kasabach <pkasabach@njfuture.org> Wed, Mar 29, 2023 at 3:45 PM
To: Ronald Dukes <rdukes@njfuture.org>

That is our old office address.
[Quoted text hidden]

Ronald Dukes <rdukes@njfuture.org> Wed, Mar 29, 2023 at 4:08 PM
To: Peter Kasabach <pkasabach@njfuture.org>

Can you respond with the following:

Greetings,

In regard to similar company names, the company you identified Ex. 6 Personal Privacy (PP) NEW JERSEY FUTURE CORP 137 W HANOVER ST, TRENTON, NJ 08618) is the same company as the one we are registering with SAM, except that:

1. The name we are using (per our Business Registration Certificate) is New Jersey Future, Inc.
2. Our office location and address has changed from 137 W Hanover St, Trenton, NJ 08618 to our current address of 16 W Lafayette Street, Trenton, NJ 08608.

Kind regards,

Peter Kasabach

Kind regards,

Ronald E. Dukes, CPA, CISA (he/him)
Director of Finance and Administration
rdukes@njfuture.org
Office: Ex. 6 - Personal Privacy (PP) | Direct: Ex. 6 - Personal Privacy (PP)
16 W. Lafayette St. | Trenton, NJ 08608

[Quoted text hidden]

Peter Kasabach <pkasabach@njfuture.org> Wed, Mar 29, 2023 at 4:38 PM
To: "Shuckerow, Kylee M CTR (USA)" Ex. 6 - Personal Privacy (PP)
Bcc: rdukes@njfuture.org

Greetings,

In regard to similar company names, the company you identified (Ex. 6 Personal Privacy (PP) NEW JERSEY FUTURE CORP 137 W HANOVER ST, TRENTON, NJ 08618) is the same company as the one we are registering with SAM, except that:

1. The name we are using (per our Business Registration Certificate) is New Jersey Future, Inc.
2. Our office location and address has changed from 137 W Hanover St, Trenton, NJ 08618 to our current address of 16 W Lafayette Street, Trenton, NJ 08608.

Kind regards,
Peter Kasabach

On Wed, Mar 29, 2023 at 3:42 PM Shuckerow, Kylee M CTR (USA) Ex. 6 - Personal Privacy (PP) wrote:

> Hello Peter,
>
> Thank you for your reply.
>
> Please verify how you are related to the below entity, which already exists in the CAGE system:
>
> Ex. 6 Personal Privacy (PP) NEW JERSEY FUTURE CORP 137 W HANOVER ST, TRENTON, NJ 08618
>
> Thank you,
>
> Kylee Shuckerow
>
> Commercial and Government Entity (CAGE)
>
> CT3 Helpdesk Technician
>
> Enterprise Sourcing, Medical, Contingency (J62ACHA)
>
> Defense Logistics Agency (DLA)
>
> "We are DLA. We are committed to providing you, our valued customer, with logistics solutions."

From: Peter Kasabach <pkasabach@njfuture.org>
Sent: Wednesday, March 29, 2023 9:53 AM
To: CAGE Review Ex. 6 - Personal Privacy (PP)
Cc: DSCHRAUTH@njfuture.org; Shuckerow, Kylee M CTR (USA) Ex. 6 - Personal Privacy (PP)

[Quoted text hidden]

[Quoted text hidden]

Peter Kasabach <pkasabach@njfuture.org> Thu, Mar 30, 2023 at 12:51 PM
To: Ronald Dukes <rdukes@njfuture.org>

FYI

---------- Forwarded message ---------
From: **Shuckerow, Kylee M CTR (USA)** Ex. 6 - Personal Privacy (PP)
Date: Thu, Mar 30, 2023 at 11:28 AM
Subject: RE: [URL Verdict: Neutral][Non-DoD Source] Re: RESPONSE REQUIRED: UEI EQVJPH4BTLN3 - Commercial and Government Entity (CAGE) Code Office - System for Award Management (SAM) Registration - Verification needed
To: Peter Kasabach <pkasabach@njfuture.org>

Hello Peter,

Thank you for your reply.

CAGE code Ex. 6 Personal Privacy (PP) is currently assigned with UEI G392UN6PHTY8 in the CAGE system. The vendor must take the required action in SAM to deactivate the discontinued or erroneous UEI, as well as ensure that SAM has removed the UEI from the duplicate CAGE.

Instructions to deactivate a UEI are provided at https://www.fsd.gov. Go to the Home menu and input the following article number underneath the Search Knowledge Base: KB0016402

If your SAM user account is not linked to the UEI registration that needs deactivated, please go to the next paragraph to read how to get access to that UEI to complete this process or contact the Federal Service Desk at Ex. 6 - Personal Privacy (PP) for further assistance.

Instructions on how to become a new administrator are provided at https://www.fsd.gov. Go to the Home menu and input the following article number underneath the Search Knowledge Base: KB0016652

The letter must be notarized, scanned and attached to an open service ticket submitted to the Federal Service Desk (www.fsd.gov). The new Entity Administrator must have an individual SAM User Account created with the e-mail address provided in the notarized letter.

Thank you,

Kylee Shuckerow

Commercial and Government Entity (CAGE)

CT3 Helpdesk Technician

Enterprise Sourcing, Medical, Contingency (J62ACHA)

Defense Logistics Agency (DLA)

"We are DLA. We are committed to providing you, our valued customer, with logistics solutions."

From: Peter Kasabach <pkasabach@njfuture.org>
Sent: Wednesday, March 29, 2023 4:39 PM
To: Shuckerow, Kylee M CTR (USA) Ex. 6 - Personal Privacy (PP)
Subject: Re: [URL Verdict: Neutral][Non-DoD Source] Re: RESPONSE REQUIRED: UEI Ex. 6 Personal Privacy (PP) - Commercial and Government Entity (CAGE) Code Office - System for Award Management (SAM) Registration - Verification needed

Greetings,

In regard to similar company names, the company you identified (Ex. 6 Personal Privacy (PP) NEW JERSEY FUTURE CORP 137 W HANOVER ST, TRENTON, NJ 08618) is the same company as the one we are registering with SAM, except that:

1. The name we are using (per our Business Registration Certificate) is New Jersey Future, Inc.

2. Our office location and address has changed from 137 W Hanover St, Trenton, NJ 08618 to our current address of 16 W Lafayette Street, Trenton, NJ 08608.

Kind regards,

Peter Kasabach

[Quoted text hidden]

Peter Kasabach <pkasabach@njfuture.org> Thu, Mar 30, 2023 at 2:13 PM
To: "Shuckerow, Kylee M CTR (USA)" Ex. 6 - Personal Privacy (PP)
Bcc: rdukes@njfuture.org

Are you saying we have to go through all of this because we moved our office to a new location? Thanks

--pete

On Thu, Mar 30, 2023 at 11:28 AM Shuckerow, Kylee M CTR (USA) Ex. 6 - Personal Privacy (PP) wrote:

> Hello Peter,
>
> Thank you for your reply.

CAGE code [redacted] is currently assigned with UEI G392UN6PHTY8 in the CAGE system. The vendor must take the required action in SAM to deactivate the discontinued or erroneous UEI, as well as ensure that SAM has removed the UEI from the duplicate CAGE.

Instructions to deactivate a UEI are provided at https://www.fsd.gov. Go to the Home menu and input the following article number underneath the Search Knowledge Base: KB0016402

If your SAM user account is not linked to the UEI registration that needs deactivated, please go to the next paragraph to read how to get access to that UEI to complete this process or contact the Federal Service Desk at [redacted] for further assistance.

Instructions on how to become a new administrator are provided at https://www.fsd.gov. Go to the Home menu and input the following article number underneath the Search Knowledge Base: KB0016652

The letter must be notarized, scanned and attached to an open service ticket submitted to the Federal Service Desk (www.fsd.gov). The new Entity Administrator must have an individual SAM User Account created with the e-mail address provided in the notarized letter.

Thank you,

Kylee Shuckerow

Commercial and Government Entity (CAGE)

CT3 Helpdesk Technician

Enterprise Sourcing, Medical, Contingency (J62ACHA)

Defense Logistics Agency (DLA)

"We are DLA. We are committed to providing you, our valued customer, with logistics solutions."

From: Peter Kasabach <pkasabach@njfuture.org>
Sent: Wednesday, March 29, 2023 4:39 PM
To: Shuckerow, Kylee M CTR (USA) [redacted]
Subject: Re: [URL Verdict: Neutral][Non-DoD Source] Re: RESPONSE REQUIRED: UEI EQVJPH4BTLN3 - Commercial and Government Entity (CAGE) Code Office - System for Award Management (SAM) Registration - Verification needed

Greetings,

In regard to similar company names, the company you identified ([redacted] NEW JERSEY FUTURE CORP 137 W HANOVER ST, TRENTON, NJ 08618) is the same company as the one we are registering with SAM, except that:

1. The name we are using (per our Business Registration Certificate) is New Jersey Future, Inc.

2. Our office location and address has changed from 137 W Hanover St, Trenton, NJ 08618 to our current address of 16 W Lafayette Street, Trenton, NJ 08608.

Kind regards,

Peter Kasabach
[Quoted text hidden]

Peter Kasabach <pkasabach@njfuture.org> Thu, Mar 30, 2023 at 5:47 PM
To: Ronald Dukes <rdukes@njfuture.org>

FYI. You probably figured this out already.

---------- Forwarded message ---------
From: **Shuckerow, Kylee M CTR (USA)** Ex. 6 - Personal Privacy (PP)
Date: Thu, Mar 30, 2023 at 3:04 PM
Subject: RE: [URL Verdict: Neutral][Non-DoD Source] Re: RESPONSE REQUIRED: UEI EQVJPH4BTLN3 - Commercial and Government Entity (CAGE) Code Office - System for Award Management (SAM) Registration - Verification needed
To: Peter Kasabach <pkasabach@njfuture.org>

Hello Peter,

The reason you need to follow the below steps is because CAGE only allows one CAGE code to exist per entity. Per your confirmation, there is already an existing CAGE code in the system for your registration. Instead of updating the address on your previously established CAGE code in SAM, you have created a whole new registration/CAGE code. I can combine the two into one for you, which is what will need to be done so that moving forward you only have one code, however I need you to complete the below steps first before I have access to doing so.

[Quoted text hidden]

Ronald Dukes <rdukes@njfuture.org> Thu, Mar 30, 2023 at 8:54 PM
To: Peter Kasabach <pkasabach@njfuture.org>

Thanks for trying! I've got it on my list to call and hopefully get this sorted out in the AM.

Stay tuned

Kind regards,
Ron Dukes

Ronald E. Dukes, CPA, CISA (he/him)
Director of Finance and Administration

Office: Ex. 6 - Personal Privacy (PP)
Direct: Ex. 6 - Personal Privacy (PP)
[Quoted text hidden]

An official website of the United States government
Here's how you know

duplicate uei

6d ago • Additional comments

Greetings,

The UEI that you have listed as the duplicate, is in inactive status.
An inactive UEI cannot be removed by tier 2. If you need to do away with this UEI you will need to deactivate that.
You must be the administrator to deactivate a UEI and I can see that there is no administrator for that UEI.
With that being said, you will need to submit a notarized letter to the helpdesk so that they can assign you the role of administrator and then you will need to deactivate that UEI.
Below are the steps for both.

Letter:

SAM.gov requires a notarized letter to give access to Entity Administrators on existing registrations where there is no existing administrator to approve your role request. Letters must be submitted to the Federal Service Desk (FSD.gov). Your notarized letter needs to:

Be on one of the templates provided below
Be on your company/organization letterhead, and be signed by your company President, CEO, or other authorized signature authority
Contain your company/organization Unique Entity ID
Contain the new Entity Administrator's name, phone number, and email address and match exactly how its displayed on your sam.gov individual account
Provide a justification for the change
Note: Letters omitting either third-party authorization or denial will be considered unacceptable.

Live Chat

Notarized Letter Templates

The following notarized letter templates are available to assist with creating your notarized letter:

Template 1 - Single Entity
A single, domestic entity located in the U.S. or its outlying areas, or a single, domestic entity located in the U.S. or its outlying areas, or a single, international entity that uses banking information from a U.S. financial institution in their SAM entity registration.
Template 2 - Multiple Domestic Entities
Multiple, domestic entities located in the U.S. or its outlying areas, or multiple, international entities that use banking information from U.S. financial institutions in their SAM entity registrations
Template 3 - International Entity (No US Banking Info)
A single international entity only if your entity does not use banking information from a U.S. financial institution in your SAM entity registration.

Steps to Complete Notarized Letter Process

Complete the appropriate template. Fill in the blanks. Enter the highlighted information on the next two pages.
Print the letter on your entity's letterhead. If you don't have letterhead, enter your entity's legal business name and physical address at the top of the letter before printing.
Sign the completed letter in the presence of the notary. Make sure the person who signs the letter is someone with signatory authority, i.e. who can make commitments on behalf of the entity like an executive, officer, partner, or other authorized signatory. The notary will confirm the signatory's identity in accordance with your state's notary procedures.
Send the completed, signed, notarized letter. (Follow steps under "How to Submit a Notarized Letter to Federal Service Desk" heading below)

How to Submit a Notarized Letter to Federal Service Desk

The letter must be notarized, scanned, and submitted to the Federal Service Desk (FSD.gov).

Note: The new Entity Administrator must have an individual SAM.gov user account created with the e-mail address provided in the notarized letter for the FSD to process your request.

Follow the steps below to submit the scanned notarized letter to FSD.gov:

Sign in to FSD.gov

Scroll to the bottom of the page and select "Create an Incident".
Select System for Award Management (SAM) in the "System Name" field.
Select SAM: Notarized Letter in the "Issue Type" field.
Fill out all remaining fields.
Select the "Paperclip" icon (attachments button) and attach your scanned notarized letter.
Once you have filled out all required information and attached your notarized letter, click "Submit".

You can access this knowledge article, with the templates included, if you login to FSD.gov using your SAM credentials. Simply copy and paste KB0016652 into the search bar on the home screen.

To deactivate your entity registration:

Sign in to SAM.gov.
Select the "Workspace" tab.
Navigate to the "Entities" widget and select the number above the "Active" bubble to open up a list of your active entity registrations.
Locate the entity registration that you wish to deactivate from the list, and select the three dots (the "Actions" menu).
Select "Deactivate."
On the "Confirm Deactivation" page, select "Yes" for the confirmation question. When you deactivate a registration:
It is no longer searchable in SAM.gov.
All users lose their roles with that entity.
The CAGE code will be available for reuse with a new Unique Entity ID the next business day.
To reactivate your entity, you will need to register your entity as a new registration.
Once you have confirmed that you would like to deactivate the registration, select "Submit." The deactivation is now complete.

Thank you,
Nicole
Knowledge article KB0017340: How do I deactivate an entity registration?

6d ago • Additional comments

Knowledge article KB0061119: Entity Registration: User Needs Duplicate Unique Entity ID (UEI) or Pending ID Assignment Record Removed from Workspace

Keyona Frazier

6d ago

Ex. 6 Personal Privacy (PP) Created

Start

Number

Ex. 6 Personal Privacy (PP)

State

Closed

Priority

3 - Moderate

Created

6d ago

Updated

3d ago

Attachments

There are no attachments

There are no attachments

NOTE: Please do not attach documents containing Personally Identifying Information (PII), Controlled Unclassified Information (CUI), or other sensitive, unsolicited information to your FSD Tickets. All Entity Validation Data related to UEI must be submitted via SAM.gov. Entity Administrator Appointment Letters may be attached to FSD tickets after logging into FSD via Login.gov.

CPARS.gov

Supported Sites

System for Award Management (SAM)

Electronic Subcontracting Reporting System (eSRS)

Federal Procurement Data System (FPDS-NG)

FFATA Subaward Reporting System (FSRS)

Contact

Hours of Operation
Monday - Friday 8 a.m. to 8 p.m. ET

U.S. calls: Ex. 6 - Personal Privacy (PP)
International calls: Ex. 6 - Personal Privacy (PP)
DSN: Ex. 6 - Personal Privacy (PP)

General Services Administration

This is a U.S. General Services Administration Federal Government computer system that is **"FOR OFFICIAL USE ONLY."** This system is subject to monitoring. Individuals found performing unauthorized activities are subject to disciplinary action including criminal prosecution.

An official website of the United States government
Here's how you know

Entity Administrator Appointment Letter

Type your message here... Send

6d ago • Additional comments
Knowledge article KB0055146: Tier 1 - Status Update for Incidents
Ex. 6 Personal Privacy (PP)

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Knowledge article KB0055146: Tier 1 - Status Update for Incidents

8d ago
Entity Adminstrator Appointment Letter_New Jersey Future_2023-04-04.pdf
626.5 KB

Ronald Dukes

8d ago
Ex. 6 Personal Privacy (PP) Created

Live Chat

Start

Cancel

Number

Ex. 6 Personal Privacy (PP)

State

In Progress

Priority

3 - Moderate

Created

8d ago

Updated

6d ago

Options

System Name
SAM (System for Award Management)

Issue Type
Entity Administrator Appointment Letter

Subject
Entity Administrator Appointment Letter

Please describe the issue below
Seeking to become the Entity Administrator for an organization in order to deactivate this entity (it's a duplicate).

Entities Covered by this Letter
Single

Entity UEI Number
G392UN6PHTY8

Entity Legal Business Name
NEW JERSEY FUTURE CORP

Entity Physical Address
Ex. 6 Personal Privacy (PP)

Entity Administrator Full Name
Ronald Dukes

Entity Administrator Phone Number
Ex. 6 Personal Privacy (PP)

Entity Administrator Email Address
rdukes@njfuture.org

Account Administration Preference
Self-Administration Confirmation

Attestation- Signed
true

Has the form been notarized?
true

Attachments

Entity Adminstrator Appointment Letter_New Jersey Future_2023-04-04.pdf (626.5 KB)

8d ago

NOTE: Please do not attach documents containing Personally Identifying Information (PII), Controlled Unclassified Information (CUI), or other sensitive, unsolicited information to your FSD Tickets. All Entity Validation Data related to UEI must be submitted via SAM.gov. Entity Administrator Appointment Letters may be attached to FSD tickets after logging into FSD via Login.gov.

Supported Sites

System for Award Management (SAM)

Electronic Subcontracting Reporting System (eSRS)

Federal Procurement Data System (FPDS-NG)

FFATA Subaward Reporting System (FSRS)

Contact

Hours of Operation
Monday - Friday 8 a.m. to 8 p.m. ET

U.S. calls: Ex. 6 - Personal Privacy (PP)
International calls: Ex. 6 - Personal Privacy (PP)
DSN: Ex. 6 - Personal Privacy (PP)

General Services Administration

This is a U.S. General Services Administration Federal Government computer system that is **"FOR OFFICIAL USE ONLY."** This system is subject to monitoring. Individuals found performing unauthorized activities are subject to disciplinary action including criminal prosecution.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Joy | Middle Name:
Last Name: Gardner | Suffix:
Title: Executive Director
Complete Address:
Street1: 55 Water Street
Street2: 6th Floor
City: New York | State: NY: New York
Zip / Postal Code: 10041 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: joy@empirecleancities.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Joy | Middle Name:
Last Name: Gardner | Suffix:
Title: Executive Director
Complete Address:
Street1: 55 Water Street
Street2: 6th Floor
City: New York | State: NY: New York
Zip / Postal Code: 10041 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: joy@empirecleancities.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Joy | Middle Name:
Last Name: Gardner | Suffix:
Title: Executive Director
Complete Address:
Street1: 55 Water Street
Street2: 6th Floor
City: New York | State: NY: New York
Zip / Postal Code: 10041 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: joy@empirecleancities.org

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** | **First Name:** Lauren | **Middle Name:**

Last Name: Kesner O'Brien | **Suffix:**

Title: Policy and Partnerships Manager

Complete Address:

Street1: 55 Water Street

Street2: 6th Floor

City: New York | **State:** NY: New York

Zip / Postal Code: 10041 | **Country:** USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**

E-mail Address: lauren@empirecleancities.org

EPA Form 5700-54 (Rev 4-02)

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: New York City and Lower Hudson Valley Clean Communities, Inc

Address: 55 Water Street, 6th Floor

City: New York

State: NY: New York Zip Code: 10041

B. Unique Entity Identifier (UEI): G4UMDMCD2DM4

C. Applicant/Recipient Point of Contact

Name: Joy Gardner

Phone: Ex. 6 - Personal Privacy (PP)

Email: joy@empirecleancities.org

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☒ Yes ☐ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None.

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None.

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

None.

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

Not applicable.

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

Not applicable.

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Joy Gardner	Executive Director	04/13/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/13/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: New Jersey Future, Inc.

* b. Employer/Taxpayer Identification Number (EIN/TIN): 22-2879323

* c. UEI: EQVJPH4BTLN3

d. Address:

* Street1: 16 W Lafayette Street
Street2:
* City: Trenton
County/Parish:
* State: NJ: New Jersey
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 08608-2002

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Jyoti
Middle Name:
* Last Name: Venketraman
Suffix:

Title: Director of Collaborations

Organizational Affiliation:

* Telephone Number: Ex. 6 - Personal Privacy (PP)
Fax Number:

* Email: jvenketraman@njfuture.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA)

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Building a Healthy Newark: Tackling Lead Poisoning in the East, South, and West Wards of Newark, New Jersey

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: 12 | * b. Program/Project: 10

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 | * b. End Date: 10/31/2025

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	
* c. State	
* d. Local	
* e. Other	
* f. Program Income	
* g. TOTAL	500,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Mr. | * First Name: Peter

Middle Name:

* Last Name: Kasabach

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 - Personal Privacy (PP) | Fax Number:

* Email: pkasabach@njfuture.org

* Signature of Authorized Representative: Peter Kasabach | * Date Signed: 04/13/2023

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	66.306	$	$	$ 250,000.00	$ 0.00	$ 250,000.00
2.						
3.						
4.						
5. Totals		$	$	$ 250,000.00	$ 0.00	$ 250,000.00

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	(2)	(3)	(4)	Total (5)
a. Personnel	$ 122,000.00	$	$	$	$ 122,000.00
b. Fringe Benefits	27,545.00				27,545.00
c. Travel	1,000.00				1,000.00
d. Equipment	2,000.00				2,000.00
e. Supplies	2,000.00				2,000.00
f. Contractual	0.00				0.00
g. Construction	0.00				0.00
h. Other	300,000.00				300,000.00
i. Total Direct Charges (sum of 6a-6h)	454,545.00				$ 454,545.00
j. Indirect Charges	45,455.00				$ 45,455.00
k. TOTALS (sum of 6i and 6j)	$ 500,000.00	$	$	$	$ 500,000.00
7. Program Income	$ 0.00	$	$	$	$ 0.00

SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	$	$	$	$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$	$	$	$

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 250,000.00	$ 62,500.00	$ 62,500.00	$ 62,500.00	$ 62,500.00
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 250,000.00	$ 62,500.00	$ 62,500.00	$ 62,500.00	$ 62,500.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	$ 250,000.00	$ 250,000.00	$ 0.00	$ 0.00
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$ 250,000.00	$ 250,000.00	$ 0.00	$ 0.00

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges: 10% de minimis rate

23. Remarks: Other budget line item represents sub-award recipient (Newark Water Coalition).

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: New Jersey Future, Inc.

Address: 16 W Lafayette Street

City: Trenton

State: NJ: New Jersey Zip Code: 08608

B. Unique Entity Identifier (UEI): EQVJPH4BTLN3

C. Applicant/Recipient Point of Contact

Name: Ronald Dukes

Phone: Ex. 6 Personal Privacy (PP)

Email: rdukes@njfuture.org

Title: Director of Finance and Administration

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

None

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☐ Yes ☒ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

Ronald Dukes, Director of Finance and Administration, 16 W Lafayette Street, Trenton, NJ 08608, rdukes@njfuture.org, Ex. 6 - Personal Privacy (PP)

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/recipient's website address for, or a copy of, the procedures.**

See attached.

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Ronald E. Dukes	Director of Finance and Administration	04/13/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

Civil Rights Grievance Procedure

This Grievance Procedure is established to meet the requirements of the Civil Rights requirement under 40 CFR 5.140 and 7.95. It may be used by anyone who wishes to file a complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability in the provision of services, activities, programs, or benefits by New Jersey Future, Inc. New Jersey Future's Employee Handbook governs employment-related complaints of discrimination.

The complaint should be in writing and contain information about the alleged discrimination such as name, address, phone number of complainant and location, date, and description of the problem, as included on the electronically available form. Alternative means of filing complaints or receiving the grievance procedure in an alternative format, such as, large print, braille, personal interviews or a tape recording of the complaint will be made available for persons with disabilities upon request.

The complaint should be submitted by the grievant and/or his/her designee as soon as possible, but no later than 60 calendar days after the alleged violation to:

Ronald Dukes
Director of Finance and Administration
New Jersey Future, Inc.
16 W Lafayette Street
Trenton, NJ 08608

Within 15 calendar days after receipt of the complaint, the Director of Finance and Administration or their designee will meet with the complainant to discuss the complaint and the possible resolutions. Within 15 calendar days of the meeting, they will respond in writing, and where appropriate, in format accessible to the complainant, such as large print, Braille, or audio tape. The response will explain the position of New Jersey Future, Inc. and offer options for substantive resolution of the complaint.

If the response by the Director of Finance and Administration or their designee does not satisfactorily resolve the issue, the complainant and/or his/her designee may appeal the decision within 15 calendar days after receipt of the response to New Jersey Future Inc.'s Executive Director or their designee.

Within 30 calendar days after receipt of the appeal, the Executive Director or their designee will discuss the complaint and possible resolutions. Within 15 calendar days after the discussion, the Executive Director or their designee will respond in writing, and, where appropriate, in a format accessible to the complainant, with a final resolution of the complaint.

All written complaints received by the Director of Finance and Administration or their designee, appeals to the Executive Director or their designee, and responses from these two offices will be retained by New Jersey Future, Inc. for at least three years.

U.S. ENVIRONMENTAL PROTECTION AGENCY
Washington, DC 20460

OMB Control No. 2030-0020
Approval expires 06/30/2024

Appendix A

EPA Administrative Capability Questionnaire

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2030-0020). Responses to this collection of information are required to obtain an assistance agreement (40 CFR Part 30, 40 CFR Part 31, and 40 CFR Part 33 for awards made prior to December 26, 2014, and 2 CFR 200, 2 CFR 1500, and 40 CFR Part 33 for awards made after December 26, 2014). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information is estimated to be 4 hours per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

The Environmental Protection Agency (EPA) uses the standards set forth in the Code of Federal Regulations, Title 2, Parts 200 and 1500, "Uniform Administrative Requirements, Cost Principles and Audit Requirements for Federal Awards" to assess the adequacy of administrative management systems. These regulations can be found by searching the Electronic Code of Federal Regulations by Title and Part at: http://www.ecfr.gov/.

If your organization is being recommended for an EPA grant, and your organizational policies and procedures do not fully cover the areas outlined in the questionnaire, revised or new policies may be necessary to comply with Federal financial management standards.

PART I - GENERAL

1.	**Legal Name of the Organization**	New Jersey Future, Inc.
2.	**Other Organizational Names or Acronyms Used**	NJF
2a	**Please Identify any affiliated organizations**	None
3.	**Unique Entity Identifier Number**	EQVJPH4BTLN3
4.	**Is your accounting system accrual based or cash based?**	Accrual
5.	**Is your accounting system manual, automated or combination?**	Combination
6.	**Has an audit been performed on the organization's financial statement?**	Yes
7.	**What was the audit opinion?**	Unmodified
8.	**If the organization has expended more than $750,000 in federal grant funds within a year, has an Single audit been performed?**	Not applicable. No federal grant funds have been expended in excess of $750,000.
9.	**If yes, were there any major findings?**	Not applicable
10.	**Does the organization have an approved indirect cost rate with the Federal government?**	No, we are in the process of preparing an indirect rate proposal.
11.	**Has the organization filed any certification/questionnaire regarding its financial managements systems to other Federal agencies? If yes, please list and provide a copy.**	No, this is the first federal grant to which we are applying.

PART II - ADMINISTRATIVE CAPABILITY

	Instructions: Check the appropriate box to the right for each item. If your organization has written policies/procedures that meet the requirement, check the box under the "Yes"column. If your organization does not have written policies/procedures that meet the requirement described under this column, check (/) the box under the "No" column and explain in the box or in an attachment. Please provide EPA a copy (electronic is preferable) of the following items: 1) Most recent audit of financial statements and management letter, 2) procurement and property policies, 3) personnel policies and 4) travel policy. EPA will evaluate your responses against these items.	**Yes**	**No (explain)**
STANDARDS FOR FINANCIAL MANAGEMENT SYSTEMS			
1.	Does your accounting and financial management system(s) follow Generally Accepted Accounting Principles? (2 CFR 200.403)	/	
2.	Is your financial management system(s) able to relate financial data to performance data and develop unit cost information? (2 CFR 200.301)	/	
3.	Can your financial management system(s) provide accurate, current and complete disclosure of the financial results of each federally-sponsored project or program in accordance with the financial reporting requirements (2 CFR 200.327? These are the Financial Status Report and Report of Federal Cash Transactions. (2 CFR 200.302(b)(2))	/	
4.	Can your financial management system(s) provide records that adequately identify the source and application of funds for federally-sponsored activities? Information to be included is: authorizations, obligations, unliquidated obligations, assets, outlays, income and interest. (2 CFR 200.302(b)(3))	/	
5.	Does your financial management system(s) provide for effective control over and accountability for all funds, property and other assets, including ensuring that all such assets are used solely for authorized purposes? (2 CFR 200.302(b)(4))	/	
6.	Can your financial management system(s) provide for a comparison of outlays with budget amounts for each award, including, where appropriate, information related to performance and unit cost? (2 CFR 200.302(b)(5))	/	
7.	Does your financial management system(s) provide written procedures to minimize the time elapsing between the transfer of funds to the recipient from the U.S. Treasury and the issuance or redemption of checks, warrants or payments by other means for the purposes of the program? (2 CFR 200.302(b)(6))		/ - procedures are in place but not written.
8.	Does your financial management system(s) provide written procedures for determining the reasonableness, allocability and allowability of costs in accordance with 2 CFR 200.302(b)(7)?		/ - procedures are in place, but not written.
9.	Does your financial management system(s) provide accounting records which include cost accounting records supported by source documentation? (2 CFR 200.302(b)(3))	/	
10.	If applicable, does your financial management system(s) provide procedures for conducting an audit in accordance with 2 CFR 200 Subpart F? Currently, single audits are required for recipients expending $750,000 or more in federal funds during the fiscal year. (2 CFR 200.501)		/ - procedures are in place, but not written.
11.	Does your financial management system(s) provide or describe existing or planned indirect cost rates? C(2 CFR 200 Subpart E)	/ - 10% de minimis rate	
PROPERTY AND PROCUREMENT STANDARDS			

	Instructions: Check the appropriate box to the right for each item. If your organization has written policies/procedures that meet the requirement, check the box under the "Yes"column. If your organization does not have written policies/procedures that meet the requirement described under this column, check (/) the box under the "No" column and explain in the box or in an attachment. Please provide EPA a copy (electronic is preferable) of the following items: 1) Most recent audit of financial statements and management letter, 2) procurement and property policies, 3) personnel policies and 4) travel policy. EPA will evaluate your responses against these items.	**Yes**	**No (explain)**
1.	Does your property management system(s) provide for maintaining: (1) a description of the equipment; (2) an identification number; (3) source of the property, including the award number; (4) where title vests; (5) acquisition date; (6) federal share of property cost; (7) location and condition of the property; (8) acquisition cost; (9) ultimate disposition information? (2 CFR 200.313(d)(1))	/	
2.	Does your property management system(s) provide for a physical inventory and reconciliation of property at least every two years? (2 CFR 200.313(d)(2))	/	
3.	Does your property management system(s) provide controls to insure safeguards against loss, damage or theft of the property? (2 CFR 200.313(d)(3))	/	
4.	Does your property management system(s) provide for adequate maintenance of the property? (2 CFR 200.313(d)(4))	/	
5.	Does your organization maintain written procurement procedures which (1) avoid unnecessary purchases; (2) provide an analysis of lease and purchase alternatives; and (3) provide a process for soliciting goods and services? (2 CFR 200.318)		/ - procedures are in place, but not written.
6.	Does your procurement system provide for the conduct and documentation of cost or price analysis for each procurement action? (2 CFR 200.318))	/	
7.	Does your organization maintain written standards of conduct governing the performance of your employees engaged in the award and administration of contract (i.e., conflict of interest) and does it provide for disciplinary actions? (2 CFR 200.318(c)(1) and (c)(2)) **PERSONNEL AND TRAVEL**	/	
1.	Does your organization maintain a personnel system(s) which provides monthly reports on the activities of each employee whose compensation is charged to the assistance agreement? (2 CFR 200.430)	/	
2.	Does your organization maintain a standard travel policy? (2 CFR 200.474)	/	

PART III - CERTIFICATION AND SUBMISSION

CERTIFICATION OF APPLICANT'S AUTHORIZED REPRESENTATIVE (REQUIRED):

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Name Ronald E. Dukes
Title Director of Finance and Administration
Signature Ronald E. Dukes Digitally signed by Ronald E. Dukes Date: 2023.04.10 15:07:33 -04'00'
Date 4/13/2023

SUBMISSION INSTRUCTIONS:

Submit questionnaire with documentation at least 60 days prior to your proposed project start date to [EPA EMAIL ADDRESS]. If you do not have internet access, mail the questionnaire and supporting documentation to the following address:

US Environmental Protection Agency (EPA)
[MAILING ADDRESS]
Attn: [NAME OF CONTACT]

If the signed document is submitted by email, it must be submitted in a computer file format, such as Portable Document Format (PDF) developed by Adobe Systems, Inc., that allows authors to exchange documents among different computer systems, while preserving the documents' typography and page layout.

NEW JERSEY FUTURE, INC.

FINANCIAL STATEMENTS

FOR THE YEARS ENDED

DECEMBER 31, 2022 AND 2021

TOGETHER WITH

INDEPENDENT AUDITOR'S REPORT

NEW JERSEY FUTURE, INC.

DECEMBER 31, 2022 AND 2021

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Renzi
Bernardi
& Suarez
Co., P.A.
Certified Public Accountants
Business Advisors

51 Haddonfield Road
Suite 100
Cherry Hill, NJ 08002
Phone: Ex. 6 - Personal Privacy (PP)
Phone: Ex. 6 - Personal Privacy (PP)
Fax: Ex. 6 Personal Privacy (PP)
Web: www.rbscpa.com

Independent Auditor's Report

To: The Board of Directors
New Jersey Future, Inc.
Trenton, New Jersey

Opinion

We have audited the accompanying financial statements of ***New Jersey Future, Inc.*** (a non-profit organization), which comprise the statements of financial position as of December 31, 2022 and 2021, and the related statements of activities, functional expenses and cash flows for the years then ended, and the related notes to the financial statements

In our opinion, the accompanying financial statements referred to above present fairly, in all material respects, the financial position of ***New Jersey Future, Inc.*** as of December 31, 2022 and 2021, and the changes in its net assets and its cash flows for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in the United States of America ("GAAS"). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of ***New Jersey Future, Inc.*** and to meet our other ethical responsibilities in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about ***New Jersey Future, Inc.'s*** ability to continue as a going concern within one year after the date that the financial statements are available to be issued.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements, including omissions, are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with generally accepted auditing standards, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of ***New Jersey Future, Inc.'s*** internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about ***New Jersey Future, Inc.'s*** ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control related matters that we identified during the audit.

Renzi, Bennardi, Puorro & Co

Cherry Hill, NJ
March 20, 2023

NEW JERSEY FUTURE, INC.
STATEMENTS OF FINANCIAL POSITION
DECEMBER 31,

ASSETS	2022	2021
Current assets		
Cash and cash equivalents	$ 2,295,767	$ 1,384,138
Certificates of deposit	-	15,750
Accounts receivable, net	337,689	44,938
Pledges receivable	-	113,098
Prepaid expenses	12,729	18,371
Total current assets	2,646,185	1,576,295
Investments, at fair value	646,470	747,570
Land, building, and equipment, net	442,180	451,152
Other assets		
Right-of-use asset, net	7,125	-
Total other assets	7,125	-
Total assets	$ 3,741,960	$ 2,775,017
LIABILITIES AND NET ASSETS		
Current liabilities		
Accounts payable and accrued expenses	$ 77,972	$ 85,964
Operating lease obligation, current portion	2,162	-
Total current liabilities	80,134	85,964
Other liabilities		
Operating lease obligation, net of current portion	4,837	-
Total liabilities	84,971	85,964
Net assets		
Without donor restrictions	2,302,790	1,842,617
Board designated	25,000	25,000
Total without donor restrictions	2,327,790	1,867,617
With donor restrictions	1,329,199	821,436
Total net assets	3,656,989	2,689,053
Total liabilities and net assets	$ 3,741,960	$ 2,775,017

The accompanying notes are an integral part of this statement.

NEW JERSEY FUTURE, INC.
STATEMENT OF ACTIVITIES
FOR THE YEAR ENDED DECEMBER 31, 2022

REVENUE AND SUPPORT	Without Donor Restrictions	With Donor Restrictions	Total
Grants			
Corporations	$ 159,250	$ 10,000	$ 169,250
Foundations	525,030	1,971,358	2,496,388
Events			
Redevelopment Forum	199,171	-	199,171
Smart Growth Awards	49,700	-	49,700
Jersey Water Works	41,545	-	41,545
Contributions, individuals	23,793	-	23,793
Fees for services	134,662	-	134,662
Net assets released from restrictions:			
Satisfaction of program restrictions	1,473,595	(1,473,595)	-
Total revenue and support	2,606,746	507,763	3,114,509
EXPENSES			
Program services			
Smart Growth Policy	2,009,761	-	2,009,761
Total program services	2,009,761	-	2,009,761
Supporting services			
Management and general	250,816	-	250,816
Fundraising and development	88,005	-	88,005
Total supporting services	338,821	-	338,821
Total expenses	2,348,582	-	2,348,582
Changes in net assets from operations	258,164	507,763	765,927
NONOPERATING ACTIVITIES			
Employee Retention Credit revenue	275,798	-	275,798
Interest and dividends	15,071	-	15,071
Other income	20,928	-	20,928
Investment return, net	(109,788)	-	(109,788)
Total nonoperating activities	202,009	-	202,009
Changes in net assets	460,173	507,763	967,936
Net assets, beginning of year	1,867,617	821,436	2,689,053
Net assets, end of year	$ 2,327,790	$ 1,329,199	$ 3,656,989

The accompanying notes are an integral part of this statement.

NEW JERSEY FUTURE, INC.
STATEMENT OF ACTIVITIES
FOR THE YEAR ENDED DECEMBER 31, 2021

REVENUE AND SUPPORT	Without Donor Restrictions	With Donor Restrictions	Total
Grants			
Corporations	$ 127,774	$ -	$ 127,774
Foundations	143,931	1,076,363	1,220,294
Events			
Redevelopment Forum	180,000	-	180,000
Smart Growth Awards	2,500	-	2,500
Jersey Water Works	28,500	-	28,500
Contributions, individuals	33,993	-	33,993
Fees for services	82,298	-	82,298
Net assets released from restrictions:			
Satisfaction of program restrictions	1,582,832	(1,582,832)	-
Total revenue and support	2,181,828	(506,469)	1,675,359
EXPENSES			
Program services			
Smart Growth Policy	1,729,280	-	1,729,280
Total program services	1,729,280	-	1,729,280
Supporting services			
Management and general	197,579	-	197,579
Fundraising and development	73,922	-	73,922
Total supporting services	271,501	-	271,501
Total expenses	2,000,781	-	2,000,781
Changes in net assets from operations	181,047	(506,469)	(325,422)
NONOPERATING ACTIVITIES			
PPP loan advance forgiveness	475,777	-	475,777
Interest and dividends	16,509	-	16,509
Other income	3,650	-	3,650
Investment return, net	46,293	-	46,293
Total nonoperating activities	542,229	-	542,229
Changes in net assets	723,276	(506,469)	216,807
Net assets, beginning of year	1,144,341	1,327,905	2,472,246
Net assets, end of year	$ 1,867,617	$ 821,436	$ 2,689,053

The accompanying notes are an integral part of this statement.

NEW JERSEY FUTURE, INC.
STATEMENT OF FUNCTIONAL EXPENSES
FOR THE YEAR ENDED DECEMBER 31, 2022

	Program Services	Supporting Services		
	Smart Growth Policy	Management and General	Fundraising and Development	Total
Salaries	$ 1,215,248	$ 150,525	$ 70,677	$ 1,436,450
Payroll tax expense	104,688	12,967	6,089	123,744
Employee benefits	121,282	15,022	7,054	143,358
Total personnel costs	1,441,218	178,514	83,820	1,703,552
Amortization	-	2,010	-	2,010
Auto expenses	1,525	269	-	1,794
Bank charges and fees	-	7,955	-	7,955
Conferences and meetings	89,686	3,383	85	93,154
Consultants	344,273	2,780	-	347,053
Depreciation	-	19,388	-	19,388
Dues and subscriptions	9,968	2,273	1,375	13,616
Insurance	-	7,946	-	7,946
Miscellaneous	1,406	783	-	2,189
Office parking	1,668	1,575	-	3,243
Office supplies and maintenance	13,920	5,632	481	20,033
Postage	58	60	-	118
Printing and graphics	30,363	-	-	30,363
Professional fees	41,339	14,985	1,477	57,801
Telephone and internet	10,074	1,304	474	11,852
Travel	15,346	45	15	15,406
Utilities	5,907	764	278	6,949
Website	3,010	1,150	-	4,160
Total expenses	$ 2,009,761	$ 250,816	$ 88,005	$ 2,348,582

The accompanying notes are an integral part of this statement.

ED_016126_00000976-00022

NEW JERSEY FUTURE, INC.
STATEMENT OF FUNCTIONAL EXPENSES
FOR THE YEAR ENDED DECEMBER 31, 2021

	Program Services	Supporting Services		
	Smart Growth Policy	Management and General	Fundraising and Development	Total
Salaries	$ 1,104,566	$ 128,673	$ 63,316	$ 1,296,555
Payroll tax expense	94,470	10,315	4,874	109,659
Employee benefits	72,007	18,448	5,732	96,187
Total personnel costs	1,271,043	157,436	73,922	1,502,401
Auto expenses	1,011	-	-	1,011
Bank charges and fees	-	9,129	-	9,129
Conferences and meetings	61,015	-	-	61,015
Consultants	303,535	-	-	303,535
Depreciation	20,669	-	-	20,669
Dues and subscriptions	6,135	-	-	6,135
Equipment expense	3,830	-	-	3,830
Insurance	7,731	-	-	7,731
Miscellaneous	2,727	-	-	2,727
Office parking	300	100	-	400
Office supplies and maintenance	14,422	1,095	-	15,517
Postage	411	67	-	478
Printing and graphics	1,851	-	-	1,851
Professional fees	11,964	26,088	-	38,052
Telephone	7,081	2,200	-	9,281
Travel	3,681	-	-	3,681
Utilities	4,393	1,464	-	5,857
Website	7,481	-	-	7,481
Total expenses	$ 1,729,280	$ 197,579	$ 73,922	$ 2,000,781

The accompanying notes are an integral part of this statement.

ED_016126_00000976-00023

NEW JERSEY FUTURE, INC.
STATEMENTS OF CASH FLOWS
FOR THE YEARS ENDED DECEMBER 31,

CASH FLOWS FROM OPERATING ACTIVITIES	2022	2021
Changes in net assets	$ 967,936	$ 216,807
Adjustments to reconcile changes in net assets to net cash provided by (used in) operating activities:		
Depreciation and amortization	21,398	20,669
Realized loss (gain) on investments	89,148	(6,399)
Unrealized loss (gain) on investments	20,640	(39,894)
Forgiveness of PPP loan advance	-	(475,777)
(Increase) decrease in:		
Accounts receivable	(292,751)	165,600
Pledges receivable	113,098	(5,243)
Prepaid expenses	5,642	(16,141)
Right-of-use asset	(7,125)	-
Increase (decrease) in:		
Accounts payable and accrued expenses	(7,992)	45,905
Deferred revenue	-	(5,000)
Operating lease obligation	6,999	-
Net cash provided by (used in) operating activities	916,993	(99,473)
CASH FLOWS FROM INVESTING ACTIVITIES		
Net sale (purchase) of investments	3,514	(9,891)
Purchase of property and equipment	(8,878)	(9,046)
Net cash (used in) investing activities	(5,364)	(18,937)
CASH FLOWS FROM FINANCING ACTIVITIES		
Proceeds from PPP loan advance, net	-	239,977
Net cash provided by financing activities	-	239,977
Net increase in cash and cash equivalents	911,629	121,567
Cash and cash equivalents, beginning of year	1,384,138	1,262,571
Cash and cash equivalents, end of year	$ 2,295,767	$ 1,384,138

The accompanying notes are an integral part of this statement.

ED_016126_00000976-00024

NEW JERSEY FUTURE, INC.
NOTES TO THE FINANCIAL STATEMENTS
AS OF DECEMBER 31, 2022 AND 2021

1. NATURE OF ACTIVITIES

New Jersey Future, Inc. (the "Organization") is a non-profit organization incorporated under the laws of the State of New Jersey and commenced operations on January 1, 1988. The Organization's primary purpose is to foster public action and promote creation of a balanced strategy for growth management in the State of New Jersey.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Presentation
The financial statements of the Organization are presented on the accrual basis of accounting in accordance with U.S. generally accepted accounting principles, which require the Organization to report information regarding its financial position and activities according to the following net asset classifications:

Net assets without donor restrictions - Net assets that are not subject to donor-imposed restrictions and may be expended for any purpose in performing the primary objectives of the Organization. These net assets may be used at the discretion of the Organization's management and Board of Directors.

Net assets with donor restrictions - Net assets subject to stipulations imposed by donors and grantors. Some donor restrictions are temporary in nature; those restrictions will be met by actions of the Organization or by the passage of time.

Donor-restricted contributions are reported as increases in net assets with donor restrictions. When a restriction expires, net assets are reclassified from net assets with donor restrictions to net assets without donor restrictions in the statement of activities. There were $1,329,199 and $821,436 in net assets with donor restrictions at December 31, 2022 and 2021, respectively.

Board Designated Net Assets Without Donor Restriction
It is the policy of the Board of Trustees to review its plan for future projects and to designate appropriate sums of unrestricted net assets to assure adequate funding for such projects.

Measure of Operations
The statements of activities report all changes in net assets, including changes in net assets from operating and nonoperating activities. Operating activities consist of those items attributable to the Organization's ongoing program services and interest and dividends earned on investments. Nonoperating activities are limited to resources that generate return from investments and other activities considered to be of a more unusual or nonrecurring nature.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONT'D)

Use of Estimates
The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect certain reported amounts and disclosures. Accordingly, actual results could differ from those estimates.

Cash and Cash Equivalents
Cash and cash equivalents represent cash in bank and short-term certificates of deposit. For purposes of the statement of cash flows, management considers all highly liquid debt instruments purchased with a maturity of three months or less to be cash equivalents.

Accounts and Pledges Receivable
Accounts and pledges receivable are recorded at the undiscounted, unconditional pledged contribution amount. Total accounts and pledges receivable, net of allowance, were $337,689 and $158,536 as of December 31, 2022 and 2021, respectively. We have also found that any discounting of accounts receivable to present value at December 31, 2022 would be immaterial.

Multi-year unconditional grants are recorded as revenue in their entirety in the year they are awarded. Due to the nature of these grants, significant increases and decreases in net assets may occur. Significant fluctuations can arise as grants are recognized as support in the fiscal period in which they are awarded, but the expenses incurred with such grants occur in a different fiscal period. This may create the impression of large and volatile swings in the Organization's financial position. To better interpret this situation and get a sense of the Organization's financial health, it is important for reviewers of the financial statements to evaluate the net assets without donor restrictions in the statement of activities.

Investments
The Organization carries investments in marketable securities with readily determinable fair values and all investments in debt securities at their fair value. Unrealized gains and losses are included in the statement of activities. The Organization uses specific identification of basis to determine realized gains or losses on sales. Interest and dividend income are recognized when earned.

Land, Building, and Equipment
Property and equipment are stated at cost. Depreciation is provided over the estimated useful lives of the related assets using the straight-line method. The Organization capitalizes all equipment expenditures over $1,000. Major renewals and betterments are charged to the capital accounts while maintenance and repairs which do not improve or extend the life of the respective assets are expensed.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONT'D)

Contributions and Revenue

Contributions are recognized when the donor makes a promise to give to the Organization that is, in substance, unconditional. Contributions that are restricted by the donor are reported as increases in net assets without donor restrictions if the restrictions expire in the fiscal year in which the contributions are recognized. All other donor-restricted contributions are reported as increases in net assets with donor restrictions.

Revenues from governmental agencies are generally reported as exchange transactions when qualifying expenses are incurred under the agreement.

Income Taxes

The Organization is exempt from federal income taxes under Section 501(c)(3) of the Internal Revenue Code.

Management has reviewed tax positions taken in filings with federal and state jurisdictions and believes those positions would be sustained should the filings be examined by the relevant taxing authority. These tax filings are subject to examination, generally for three years after they are filed.

Should settlement of an examination or other event result in a change in management's evaluation of a tax position taken or expected to be taken in filings that have not been closed by statute or examination, any interest and penalties related to the unrecognized tax benefit as a result of the uncertain tax position would be included in interest expense and administrative expenses, respectively.

Credit and Market Risk

Financial instruments which subject the Organization to concentrations of credit and market risk consist principally of cash and receivables. From time to time, the Organization may have amounts on deposit in excess of the federally insured deposit limit at one bank. The Organization places its cash with high quality financial institutions. Receivables are subject to the risk that donors might renege on their commitments. The Organization periodically reminds donors of their commitments.

Allocation of Functional Expenses

Directly identifiable expenses are charged to programs, supporting services and fundraising. Any expenditures not directly chargeable have been allocated among program and supporting services on the basis of employees' time records and estimates made by the Organization's management. Management and general expenses include those expenses that are not directly identifiable with any other specific function but provide for the overall support and direction of the Organization.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONT'D)

Contributed Services

Contributed services are reported as contributions at their fair value if such services create or enhance non-financial assets, would have been purchased if not provided by contribution, require specialized skills, and are provided by individuals possessing such specialized skills. The Organization did not recognize any donated services as revenue in the years ended December 31, 2022 and 2021. In addition, many individuals volunteer their time and perform a variety of tasks that assist the Organization in fulfilling its mission.

Compensated Absences

Employees of the Organization are entitled to paid vacations. The Organization estimates the amount of compensation for future absences and accrues the liability.

3. LIQUIDITY AND AVAILABILITY

	2022	2021
Total current financial assets	$ 3,279,926	$ 2,305,494
Donor-imposed restrictions:		
Restricted funds	(1,329,199)	(821,436)
Financial assets available to meet cash needs for general expenditures within one year	$ 1,950,727	$ 1,484,058

The Organization manages its liquidity by operating within a prudent range of financial soundness and stability and maintaining adequate liquid assets to fund near-term operating needs. The Organization also maintains a $200,000 line of credit should it need to draw upon it in order to meet short term cash needs. In addition to these available financial assets, a significant portion of the Organization's annual expenditures will be funded by current year operating revenues including contributions, grants, and contract and other income.

For the years ended December 31, 2022 and 2021, the full amount was available to be drawn upon. During the years ended December 31, 2022 and 2021, the Organization has been able to meet cash needs for general expenditures within each respective year.

4. FAIR VALUE OF FINANCIAL INSTRUMENTS

The following tables set forth by level, within the fair value hierarchy, the Organization's financial assets and liabilities at fair value as of December 31, 2022 and 2021:

4. FAIR VALUE OF FINANCIAL INSTRUMENTS (CONT'D)

	Fair Value as of December 31, 2022 using the following inputs			
	Total	Level 1	Level 2	Level 3
Investments:				
Mutual funds	$ 96,565	$ 96,565	$ -	$ -
Beneficial interest in assets held by community foundation	549,905	-	-	549,905
	$ 646,470	$ 96,565	$ -	$ 549,905

	Fair Value as of December 31, 2021 using the following inputs			
	Total	Level 1	Level 2	Level 3
Investments:				
Mutual funds	$ 115,691	$ 115,691	$ -	$ -
Beneficial interest in assets held by community foundation	631,879	-	-	631,879
	$ 747,570	$ 115,691	$ -	$ 631,879

FASB ASC Topic 820, Fair Value Measurements, establishes a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. This hierarchy consists of three broad levels:

Level 1
Quoted prices in active markets for identical assets or liabilities. The Organization's investments in mutual funds at PNC Investments are valued at the net asset value of the shares held by the Organization at year end in an active market, which is a Level 1 input.

Level 2
Observable inputs, other than Level 1 prices, that are observable for similar assets or liabilities; quoted prices in markets that are not active; or other inputs that are observable or can be corroborated by observable market date for substantially the full term of the assets or liabilities.

4. FAIR VALUE OF FINANCIAL INSTRUMENTS (CONT'D)

Level 3 – Community Foundation of New Jersey

Unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the assets or liabilities. The investments in the New Jersey Future Fund at the Community Foundation of New Jersey (the "Foundation") are considered Level 3 inputs since the fair value is based upon underlying investments. The investments with the Foundation are unrestricted and consist of operating and Board-designated funds. Of the total amount with the Foundation, $25,000 requires Board approval to access and spend. Income generated by Foundation funds can be used for operating activities since there are no restrictions on the use of investment earnings.

Investments with the Foundation are comprised of domestic and international equity funds, publicly traded securities, corporate bond funds, limited partnerships, alternate investments and cash. Investments with the Foundation are assigned a certain unit value, and the Organization's ownership interest is based on the allocation of the fair value of Foundation fund's units to the total fair value of the investment pool. Fair value is provided by the Foundation based upon the underlying valuation of each fund within the portfolio. The pool is revalued monthly, and income and gains or losses are allocated to each fund based on its units.

The change in Level 3 assets for the year ended December 31, 2022 is as follows:

Beginning of year	$ 631,879
Contributions	-
Interest and dividends	11,625
Realized and unrealized loss	(88,942)
Administrative and investment fees	(4,657)
End of year	$ 549,905

5. LAND, BUILDING, AND EQUIPMENT

Land, building, and equipment at December 31 consists of the following:

	2022	2021
Land	$ 60,000	$ 60,000
Building and improvements	449,848	449,848
Computers and office equipment	65,749	62,270
Automobile	12,345	12,345
	587,942	584,463
Less: accumulated depreciation	(145,762)	(133,311)
Land, building and equipment, net	$ 442,180	$ 451,152

5. LAND, BUILDING, AND EQUIPMENT (CONT'D)

Depreciation expense for the years ended December 31, 2022 and 2021 was $19,388 and $20,669, respectively.

6. LINE OF CREDIT, BANK

The Organization entered into a $200,000 line of credit with a local bank. Borrowings under this line bore interest at a variable rate equal to the bank prime lending rate plus 0.5%, which was 8.0% at December 31, 2022. The line can be renewed annually and is secured by a mortgage on the Organization's building. There were no borrowings outstanding under this line at December 31, 2022.

7. COMMITMENTS AND CONTINGENCIES

In December 2020, the Organization entered into a photocopier operating lease for a minimum of $190/month over five years and three months starting January 2021, with no payments until April 2021. In accordance with the new leasing standard (ASU 2016-02), the operating leases have been capitalized as right-of-use assets and operating lease obligations on the statement of financial position. Both the right-of-use assets and the lease liabilities were initially valued at the net present value of the leases based on the risk-free rate of return.

Future minimum lease payments are as follows for the years ending December 31:

2023	$ 2,283
2024	2,283
2025	2,283
2026	571
Total minimum lease payments	$ 7,420
Less: amount representing interest	(421)
Present value of minimum lease payments	$ 6,999

8. NET ASSETS WITH DONOR RESTRICTIONS

Net assets with donor restrictions were committed to the following purposes:

	2022	2021
Smart Growth Policy programs	$ 1,329,199	$ 821,436

9. DEFERRED COMPENSATION PLANS

The Organization offers its employees a 403(b) retirement plan. The plan permits participants to defer a portion of their salary until future years. Amounts deferred under the plan are not available to employees until termination, death, or an unforeseeable emergency. The plan does not provide for employer matching contributions because it is a deferral-only plan.

Beginning January 1, 2022, the Organization began offering its employees a 401(k) retirement plan in addition to the 403(b) plan. There is no requirement for enrollees in the 403(b) plan to switch to the 401(k) plan instead. Eligible employees can make a salary reduction contribution up to the limit set by the Internal Revenue Service for each calendar year. For the year ended December 31, 2022, the Organization matched the first $100 of each employee's contributions at a rate of five-to-one, capping employer matching at $500. Effective January 1, 2023, the Organization will match each employee's contributions at a rate of one-to-one, capping employer matching at $1,500. The contribution for the year ended December 31, 2022 was $9,500.

10. SUBSEQUENT EVENTS

In preparing these financial statements, management of the Organization has evaluated events and transactions for potential recognition or disclosure through March 20, 2023, the date the financial statements were available to be issued. The Organization had no significant or material subsequent events through March 20, 2023.

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Renzi
Bernardi
& Suarez
Co., P.A.
Certified Public Accountants
Business Advisors

51 Haddonfield Road
Suite 100
Cherry Hill, NJ 08002
Phone: Ex. 6 - Personal Privacy (PP)
Phone: Ex. 6 - Personal Privacy (PP)
Fax: Ex. 6 Personal Privacy (PP)
Web: www.rbscpa.com

March 31, 2023

To: The Board of Directors
New Jersey Future, Inc.

We have audited the financial statements *of* ***New Jersey Future, Inc.*** (the "Organization") for the year ended December 31, 2022 and have issued our report thereon dated March 20, 2023. As a result of our audit, we have prepared the following report that includes information required by Statements on Auditing Standards, issued by the Auditing Standards Board:

Required Communication

This consists of a required communication to those charged with governance that addresses the responsibilities of an auditor and other required items.

We would like to express our gratitude toward Pete Kasabach, Ronald Dukes, Marianne Jann, and all the staff for the cooperation we received during our audit of ***New Jersey Future, Inc.*** for the year ended December 31, 2022.

This information is intended solely for the use of the Board, management and others within ***New Jersey Future, Inc.*** and is not intended to be and should not be used by anyone other than these specified parties.

Very truly yours,

Edward A. Suarez, CPA, MBA
Renzi, Bernardi, Suarez & Co.

Required Communication

Our Responsibility Under U.S. Generally Accepted Auditing Standards

As stated in our engagement letter dated November 1, 2022, professional standards require that we provide you with information about our responsibilities under generally accepted auditing standards, as well as certain information related to the planned scope and timing of our audit.

Professional standards also require that we communicate to you the following information related to our audit.

Significant Audit Findings

Qualitative Aspects of Accounting Practices

Management is responsible for the selection and use of appropriate accounting policies. The significant accounting policies used by the Organization are described in Note 2 to the financial statements. The application of existing policies was not changed during the year ended December 31, 2022.

We noted no transactions entered into by the Organization during the year for which there is a lack of authoritative guidance or consensus.

All significant transactions have been recognized in the financial statements in the proper period.

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's knowledge and experience about past and current events and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ significantly from those expected. The most sensitive estimates affecting the financial statements were the allocation of functional expenses, the useful lives of fixed assets, and the net present value of the Organization's operating lease under the new leasing standard. We evaluated the key factors and assumptions used to develop these estimates in determining that they are reasonable in relation to the financial statements taken as a whole.

The disclosures in the financial statements are neutral, consistent and clear. Certain financial statement disclosures are particularly sensitive because of their significance to financial statement users. The most sensitive disclosures affecting the financial statements were in Note 3, which provides information regarding the Organization's liquidity and availability of funds; Note 4, which provides information regarding the Organization's investment account activity; and Note 9, which provides information regarding the Organization's two deferred compensation plans.

Difficulties Encountered in Performing the Audit

We encountered no significant difficulties in dealing with management in performing and completing our audit.

Corrected and Uncorrected Misstatements

Professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that are trivial, and communicate them to the appropriate level of management. There were no corrected or uncorrected misstatements identified.

Disagreements with Management

For purposes of this letter, professional standards define a disagreement with management as a financial accounting, reporting, or auditing matter, whether or not resolved to our satisfaction, that could be significant to the financial statements or the auditor's report. We are pleased to report that no such disagreements arose during the course of our audit.

Management Representations

We have requested certain representations from management that are included in the management representation letter dated March 20, 2023.

Management Consultations with Other Independent Accountants

In some cases, management may decide to consult with other accountants about auditing and accounting matters, similar to obtaining a "second opinion" on certain situations. If a consultation involves application of an accounting principle to the Organization's financial statements or a determination of the type of auditor's opinion that may be expressed on those statements, our professional standards require the consulting accountant to check with us to determine that the consultant has all the relevant facts. To our knowledge, there were no such consultations with other accountants.

Other Audit Findings or Issues

We generally discuss a variety of matters, including the application of accounting principles and auditing standards, with management prior to retention as its auditors. However, these discussions will occur in the normal course of our professional relationship and we do not anticipate that our responses will be a condition to our retention.

EPA KEY CONTACTS FORM

OMB Control No. 2030-0020
Approval expires 06/30/2024

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2030-0020). Responses to this collection of information are required to obtain an assistance agreement (40 CFR Part 30, 40 CFR Part 31, and 40 CFR Part 33 for awards made prior to December 26, 2014, and 2 CFR 200, 2 CFR 1500, and 40 CFR Part 33 for awards made after December 26, 2014). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information is estimated to be 0.5 hours per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Mr. First Name: Peter Middle Name:
Last Name: Kasabach Suffix:

Title: Executive Director

Complete Address:

Street1: 16 W Lafayette Street
Street2:
City: Trenton State: NJ
Zip / Postal Code: 08608-2002 Country: United States of America

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: pkasabach@njfuture.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: Mr. First Name: Ronald Middle Name:
Last Name: Dukes Suffix:

Title: Director of Finance and Administration

Complete Address:

Street1: 16 W Lafayette Street
Street2:
City: Trenton State: NJ
Zip / Postal Code: 08608-2002 Country: United States of America

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: rdukes@njfuture.org

EPA KEY CONTACTS FORM

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: Mr. First Name: Ronald Middle Name:
Last Name: Dukes Suffix:

Title: Director of Finance and Administration

Complete Address:

Street1: 16 W Lafayette Street
Street2:
City: Trenton State: NJ
Zip / Postal Code: 08608-2002 Country: United States of America

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: rdukes@njfuture.org

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: Ms. First Name: Jyoti Middle Name:
Last Name: Venketraman Suffix:

Title: Director of Collaborations & Organizational Equity

Complete Address:

Street1: 16 W Lafayette Street
Street2:
City: Trenton State: NJ
Zip / Postal Code: 08608-2002 Country: United States of America

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: jvenketraman@njfuture.org

Internal Revenue Service
District Director

Department of the Treasury

file

31 HOPKINS PLAZA
BALTIMORE, MD 21201

Date: November 10, 1988

Employer Identification Number:
52-1574557
Contact Person:
MS. L. HOWERTON
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)

Accounting Period Ending:
December 31
Form 990 Required:
Yes
Caveat Applies:
yes

NEW JERSEY FUTURE INC
P O BOX 2485
TRENTON, NJ 08607

Dear Applicant:

Based on information supplied, and assuming your operations will be as stated in your application for recognition of exemption, we have determined you are exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code.

We have further determined that you are not a private foundation within the meaning of section 509(a) of the Code, because you are an organization described in sections 509(a)(1) and 170(b)(1)(A)(vi).

If your sources of support, or your purposes, character, or method of operation change, please let us know so we can consider the effect of the change on your exempt status and foundation status. In the case of an amendment to your organizational document or bylaws, please send us a copy of the amended document or bylaws. Also, you should inform us of all changes in your name or address.

As of January 1, 1984, you are liable for taxes under the Federal Insurance Contributions Act (social security taxes) on remuneration of $100 or more you pay to each of your employees during a calendar year. You are not liable for the tax imposed under the Federal Unemployment Tax Act (FUTA).

Since you are not a private foundation, you are not subject to the excise taxes under Chapter 42 of the Code. However, you are not automatically exempt from other Federal excise taxes. If you have any questions about excise, employment, or other Federal taxes, please let us know.

Donors may deduct contributions to you as provided in section 170 of the Code. Bequests, legacies, devises, transfers, or gifts to you or for your use are deductible for Federal estate and gift tax purposes if they meet the applicable provisions of Code sections 2055, 2106, and 2522.

The heading of this letter indicates whether you must file Form 990, Return of Organization Exempt from Income Tax. If Yes is indicated, you are required to file Form 990 only if your gross receipts each year are normally more than $25,000. If a return is required, it must be filed by the 15th day

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of the fifth month after the end of your annual accounting period. The law imposes a penalty of $10 a day, up to a maximum of $5,000, when a return is filed late, unless there is reasonable cause for the delay.

You are not required to file Federal income tax returns unless you are subject to the tax on unrelated business income under section 511 of the Code. If you are subject to this tax, you must file an income tax return on Form 990-T, Exempt Organization Business Income Tax Return. In this letter, we are not determining whether any of your present or proposed activities are unrelated trade or business as defined in section 513 of the Code.

You need an employer identification number even if you have no employees. If an employer identification number was not entered on your application, a number will be assigned to you and you will be advised of it. Please use that number on all returns you file and in all correspondence with the Internal Revenue Service.

If the heading of this letter indicates that a caveat applies, the caveat below or on the enclosure is an integral part of this letter.

Because this letter could help resolve any questions about your exempt status and foundation status, you should keep it in your permanent records.

If you have any questions, please contact the person whose name and telephone number are shown in the heading of this letter.

Sincerely yours,

Phil Brand

District Director

ED_016126_00000976-00039

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/13/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: New York City and Lower Hudson Valley Clean Communities, Inc

* b. Employer/Taxpayer Identification Number (EIN/TIN): 13-4361447

* c. UEI: G4UMDMCD2DM4

d. Address:

* Street1: 55 Water Street
Street2: 6th Floor
* City: New York
County/Parish:
* State: NY: New York
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 10041-0023

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Joy
Middle Name:
* Last Name: Gardner
Suffix:

Title: Executive Director

Organizational Affiliation: New York City and Lower Hudson Valley Clean Communities, Inc

* Telephone Number: Ex. 6 - Personal Privacy (PP)
Fax Number:

* Email: joy@empirecleancities.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

The Equitable Commute Project: Advancing Transportation Justice in the South Bronx

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: 10 | * b. Program/Project: 16

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 | * b. End Date: 10/31/2025

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	500,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: | * First Name: Joy

Middle Name:

* Last Name: Gardner

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 - Personal Privacy (PP) | Fax Number:

* Email: joy@empirecleancities.org

* Signature of Authorized Representative: Joy Gardner | * Date Signed: 04/13/2023

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

The Equitable Commute Project

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490054
9946

Joy
Gardner

Executive Director
55 Water Street
6th Floor
New York
NY: New York
10041
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
joy@empirecleancities.org

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Gardner

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NY: New York
10041
USA: UNITED STATES

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joy@empirecleancities.org

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Gardner

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New York
NY: New York
10041
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
joy@empirecleancities.org

Lauren
Kesner O'Brien

Policy and Partnerships Manager
55 Water Street
6th Floor
New York
NY: New York
10041
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
lauren@empirecleancities.org

Application
New
2023-04-13
New York City and Lower Hudson Valley Clean Communities, Inc
13-4361447
G4UMDMCD2DM4
55 Water Street
6th Floor
New York
NY: New York
10041-0023
USA: UNITED STATES

Joy

Gardner

Executive Director
New York City and Lower Hudson Valley Clean Communities, Inc
EX. 6 - Personal Privacy (PP)
joy@empirecleancities.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
The Equitable Commute Project: Advancing Transportation Justice in the South Bronx
10
16
2023-11-01
2025-10-31
500000.00
0.00
0.00
0.00
0.00
0.00
500000.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Joy
Gardner

Executive Director
EX. 6 - Personal Privacy (PP)
joy@empirecleancities.org
Joy Gardner
2023-04-13

New York City and Lower Hudson Valley Clean Communities, Inc
55 Water Street, 6th Floor
New York
NY: New York
10041

G4UMDMCD2DM4
Joy Gardner
EX. 6 - Personal Privacy (PP)
joy@empirecleancities.org
Executive Director
Y: Yes
None.
None.
None.
N: No
Y: Yes

Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Not applicable.
Not applicable.
Joy Gardner
Executive Director
2023-04-13

1235-Attachment 1 - Budget [ECP Accelerator].pdf
application/pdf
Rq7XE1GSF/jOdpcFXnZg+r3MlqQ=

1236-Attachment 2 - Logic Model [ECP Accelerator].pdf
application/pdf
6ym0YDxB1YGy9+eeErF2fjM9Vrg=

1237-Attachment 3 - Letters of Commitment [ECP Accelerator].pdf
application/pdf
eCgpdP0NUwXM9PVWdFlWUgBy8Es=

1238-Attachment 4 - Resumes [ECP Accelerator].pdf
application/pdf
h8kzBKZSrgjDzzUnoJBtXF3Fk14=

1239-Attachment 5 - Proof of Nonprofit Status [ECP Accelerator].pdf
application/pdf
oDpdp1f8CAlXDkb9CtEtgsyxOKw=

abPujDlajjohLZmOVsDX+BAgYN0=
2023-04-13T16:42:58.000-04:00
Joy Gardner
GRANT13860569

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: OCT 22 2007

NEW YORK CITY AND LOWER HUDSON
VALLEY CLEAN COMMUNITIES INC
C/O PETER C WOLK
1735 20TH ST NW
WASHINGTON, DC 20009-0000

Employer Identification Number:
13-4361447
DLN:
17053212003037
Contact Person:
ELIZABETH MARQUEZ ID# 95117
Contact Telephone Number:
Ex. 6 Personal Privacy (PP)
Accounting Period Ending:
December 31
Public Charity Status:
170(b)(1)(A)(vi)
Form 990 Required:
Yes
Effective Date of Exemption:
June 13, 2007
Contribution Deductibility:
Yes
Advance Ruling Ending Date:
December 31, 2011
Addendum Applies:
No

Dear Applicant:

We are pleased to inform you that upon review of your application for tax exempt status we have determined that you are exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code. Contributions to you are deductible under section 170 of the Code. You are also qualified to receive tax deductible bequests, devises, transfers or gifts under section 2055, 2106 or 2522 of the Code. Because this letter could help resolve any questions regarding your exempt status, you should keep it in your permanent records.

Organizations exempt under section 501(c)(3) of the Code are further classified as either public charities or private foundations. During your advance ruling period, you will be treated as a public charity. Your advance ruling period begins with the effective date of your exemption and ends with advance ruling ending date shown in the heading of the letter.

Shortly before the end of your advance ruling period, we will send you Form 8734, Support Schedule for Advance Ruling Period. You will have 90 days after the end of your advance ruling period to return the completed form. We will then notify you, in writing, about your public charity status.

Please see enclosed Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, for some helpful information about your responsibilities as an exempt organization.

If you distribute funds to other organizations, your records must show whether they are exempt under section 501(c)(3). In cases where the recipient

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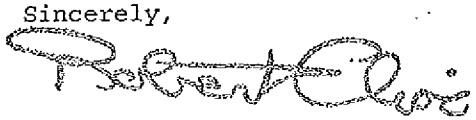
organization is not exempt under section 501(c)(3), you must have evidence the funds will be used for section 501(c)(3) purposes.

If you distribute funds to individuals, you should keep case histories showing the recipient's name and address; the purpose of the award; the manner of selection; and the relationship of the recipient to any of your officers, directors, trustees, members, or major contributors.

We have sent a copy of this letter to your representative as indicated in your power of attorney.

Sincerely,



Robert Choi
Director, Exempt Organizations
Rulings and Agreements

Enclosures: Publication 4221-PC
Statute Extension

ED_016126_00000981-00002

Part IX Public Charity Status (Continued)

e 509(a)(4)—an organization organized and operated exclusively for testing for public safety. ☐

f 509(a)(1) and 170(b)(1)(A)(iv)—an organization operated for the benefit of a college or university that is owned or operated by a governmental unit. ☐

g 509(a)(1) and 170(b)(1)(A)(vi)—an organization that receives a substantial part of its financial support in the form of contributions from publicly supported organizations, from a governmental unit, or from the general public. ☐

h 509(a)(2)—an organization that normally receives not more than one-third of its financial support from gross investment income and receives more than one-third of its financial support from contributions, membership fees, and gross receipts from activities related to its exempt functions (subject to certain exceptions). ☐

i A publicly supported organization, but unsure if it is described in 5g or 5h. The organization would like the IRS to decide the correct status. ☑

6 If you checked box g, h, or i in question 5 above, you must request either an advance or a definitive ruling by selecting one of the boxes below. Refer to the instructions to determine which type of ruling you are eligible to receive.

a **Request for Advance Ruling:** By checking this box and signing the consent, pursuant to section 6501(c)(4) of the Code you request an advance ruling and agree to extend the statute of limitations on the assessment of excise tax under section 4940 of the Code. The tax will apply only if you do not establish public support status at the end of the 5-year advance ruling period. The assessment period will be extended for the 5 advance ruling years to 8 years, 4 months, and 15 days beyond the end of the first year. You have the right to refuse or limit the extension to a mutually agreed-upon period of time or issue(s). Publication 1035, *Extending the Tax Assessment Period*, provides a more detailed explanation of your rights and the consequences of the choices you make. You may obtain Publication 1035 free of charge from the IRS web site at *www.irs.gov* or by calling toll-free Ex. 6 - Personal Privacy (PP) Signing this consent will not deprive you of any appeal rights to which you would otherwise be entitled. If you decide not to extend the statute of limitations, you are not eligible for an advance ruling. ☑

Consent Fixing Period of Limitations Upon Assessment of Tax Under Section 4940 of the Internal Revenue Code

For Organization

Louis Caloagno — Louis Caloagno — 6/26/07

(Signature of Officer, Director, Trustee, or other authorized official) (Type or print name of signer) (Date)

Louis Caloagno, Acting President

(Type or print title or authority of signer)

For IRS Use Only

Robert Choi — OCT 22 2007

IRS Director, Exempt Organizations (Date)

b **Request for Definitive Ruling:** Check this box if you have completed one tax year of at least 8 full months and you are requesting a definitive ruling. To confirm your public support status, answer line 6b(i) if you checked box g in line 5 above. Answer line 6b(ii) if you checked box h in line 5 above. If you checked box i in line 5 above, answer both lines 6b(i) and (ii). ☐

(i) (a) Enter 2% of line 8, column (e) on Part IX-A, Statement of Revenues and Expenses. _____

(b) Attach a list showing the name and amount contributed by each person, company, or organization whose gifts totaled more than the 2% amount. If the answer is "None," check this box. ☐

(ii) (a) For each year amounts are included on lines 1, 2, and 9 of Part IX-A, Statement of Revenues and Expenses, attach a list showing the name of and amount received from each disqualified person. If the answer is "None," check this box. ☐

(b) For each year amounts are included on line 9 of Part IX-A, Statement of Revenues and Expenses, attach a list showing the name of and amount received from each payer, other than a disqualified person, whose payments were more than the larger of (1) 1% of line 10, Part IX-A, Statement of Revenues and Expenses, or (2) $5,000. If the answer is "None," check this box. ☐

7 Did you receive any unusual grants during any of the years shown on Part IX-A, Statement of Revenues and Expenses? If "Yes," attach a list including the name of the contributor, the date and amount of the grant, a brief description of the grant, and explain why it is unusual. ☐ Yes ☐ No

ED_016126_00000981-00003

ATTACHMENT 4 - RESUMES

Project Title: Equitable Commute Project Accelerator (**ECP Accelerator**)
Applicant Information: New York City and Lower Hudson Valley Clean Communities, Inc. (D/B/A: Empire Clean Cities)

Key Personnel Resumes:

- Ex. 6 Personal Privacy (PP) Authorized Representative, Payee, and Administrative Contact
- Ex. 6 Personal Privacy (PP) Project Manager
- Ex. 6 Personal Privacy (PP) ECC Key Personnel

Key Partner Resumes:

- Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

PH: Ex. 6 - Personal Privacy (PP) I EMAIL: [redacted]@EMPIRECLEANCITIES.ORG
NEW YORK CITY, NEW YORK

WORK EXPERIENCE

EMPIRE CLEAN CITIES - 2018 TO PRESENT

EXECUTIVE DIRECTOR & U.S. DEPARTMENT OF ENERGY CLEAN CITIES COALITION DIRECTOR

Oversee public and privately funded projects aimed at increasing alternative fueled vehicles, which operate on electricity, compressed natural gas, hydrogen, and biofuel in the City of New York and Hudson Valley. Liaise with government, elected officials, private companies, vehicle manufacturers and dealers, utility companies, interest groups, media and consultants to develop projects that "green" vehicle fleets. Implement policies and long-range organizational goals, while managing operations of a stakeholder driven organization, including managing various projects while administering organization's fiscal budget, facilitating the executive board, and supervising staff. Plan and implement multiple industry and public-facing events, as well as represent the organization at meetings, conferences and media events.

PUBLIC HEALTH SOLUTIONS - 2016 TO 2018

CONTRACT MANAGER

Managed a diverse portfolio of 15 health equity contracts with community based not-for-profit organizations that received over $3 million dollars in government funding. Provided capacity-building and technical assistance for new funding recipients on program development, budget management, internal policies and procedure development, and organizational sustainability.

GIRL RISING - 2012 TO 2016

PROGRAM OFFICER

Managed a 3-year $3.5 million international girls' education campaign public-private partnership funded by U.S. Agency for International Development (USAID). Managed aspects of programmatic design, communications and subcontract management. Led all project partner coordination across three countries. Developed advocacy toolkits, corporate sponsor outreach, and volunteer management system. Directly supervised data collection, research and program milestone monitoring throughout the course of the program.

THE SALVATION ARMY - 2006 TO 2009

DIRECTOR, DONOR MANAGEMENT

Served as the head of the Donor Management Department for Northern California and Nevada, raising over $7.5 Million dollars annually. Strategically planned and implemented 30 annual fundraising and marketing campaigns which included robust integrated media strategies. Directly managed database of over 400,000 individuals and performed regular detailed analysis of data integrity, as well as campaign performances and trends.

EDUCATION

THE NEW SCHOOL December 2013
Master of Science, Nonprofit Management

CALIFORNIA STATE UNIVERSITY, May 2006
SACRAMENTO Bachelor of Arts, Liberal Arts

SKILLS

Alternative Fuels and Advanced Vehicle Technologies
Nonprofit Budget & Fiscal Management
Grant & Contact Management
Public Relations & Events Management
Fundraising & Donor Management
Public Speaking
Policy Research and Analysis
Partnership Development & Management U.S. Government Rules & Regulations Project Monitoring & Evaluation Database Administration
Microsoft Office Suite Adobe Creative Suite Social Media Marketing

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Experience

Policy and Partnerships Manager
Empire Clean Cities
2021 - Present

Support clean energy and transportation stakeholders in program planning and management from developing community engagement strategies, project narratives, logic models, and monitoring and verification plans to hosting education and outreach events. Coordinate with elected officials to understand community needs and priorities and to share resources, cost saving tools, and technical assistance.

Climate Policy Organizer
350Brooklyn
2018 - 2021

Hosted meetings with community members, stakeholders, and elected officials, and planned and managed outreach and advocacy campaigns.

Project Manager and Media Producer
PBS, CNBC, Bloomberg Television, United Nations, Habitat for Humanity and USAID
2001 - 2012

Wrote and produced television news, investigative reports, and documentary films on subjects including sustainable transportation, technology, and human rights. Managed grants, hired crews, and kept track of deliverables. Established partnerships, marketing strategies, and fundraising campaigns for nonprofits.

Education

Columbia University
2007

Master of International Affairs
Concentration: Economic Development

Wesleyan University
1999

Bachelor of Arts
Major: Government

Honors

Participant, Energy & Environmental Justice Initiative, Argonne Labs, 2022

School Representative, NYC Public School Equity Congress, 2018 - 2020

Winner, Best First-Time Filmmaker, Tribeca Film Festival, 2007

Contact

Ex. 6 - Personal Privacy (PP)

www.empirecleancities.org

Redacted@empirecleancities.org

Ex. 6 Personal Privacy (PP) NY, NY 10041

Ex. 6 Personal Privacy (PP)

New York, NY | Ex. 6 Personal Privacy (PP) | Ex. 6 - Personal Privacy (PP)

PROFESSIONAL EXPERIENCE

Empire Clean Cities, New York, NY **March 2023 – Present**

Communications & Outreach Coordinator .

- Manage Empire Clean Cities' relationships with its members and partners
- Coordinate events and webinars
- Produced content for internal and external use in close partnership with the communications teams to maintain up to date website, social media and press releases

US Business Council for Sustainable Development, Houston, TX **June 2021 – January 2023**

Policy Analyst

- Led program management for Gulf Coast Carbon Collaborative and Great Lakes Carbon Collaborative member engagement, internal operations, tracking program progress, producing performance review reports and processing proposals, reports, grants, contracts, and invoices/reimbursements
- Assisted in the launch of Great Lakes Carbon Collaborative program by managing member recruitment through scoping research, introductory calls and creating a membership pipeline to expand membership from 8 founding members to 36 active members within the first quarter
- Managed daily operations of the organization by scheduling meetings, coordinating organizational calendar, lead website management using Squarespace, keep track of membership data of over 300 contacts with Excel and prepare presentations for stakeholder meetings
- Produced content for internal and external use in close partnership with the communications teams to maintain up to date website, social media and press releases

United Nations, New York, NY **March 2021 – September 2021**

Publications Intern

- Drafted, formatted, edited and produced original web site content, news stories and social media content to provide effective messaging through 2-3 weekly earned media campaigns
- Served as a liaison between the marketing team and publishing partners and built working relationships with more than 50 international partners
- Assisted in strategizing and initiating campaigns for UN merchandise on the UN Bookshop to generate website traffic and improve search engine optimization

Be Positive Foundation, New York, NY **May 2020 – May 2021**

New York Dance Marathon Team Director

- Mobilized and motivated a team of 110 members to actively fundraise throughout the course of the year to support cancer research
- Drafted and edited original social media content to provide effective messaging through 2-3 weekly earned media campaigns while graphic designing templates package for team member's campaigns
- Organized and led weekly events across the community and led communication efforts
- Built a database on Excel to track donor information and to effectively fundraise

Earth Day Network, Washington, DC **September 2019 – December 2019** *Intern*

- Independently created content for volunteers both in English and French to mobilize events in Africa
- Helped the organization transition into a new database (Nationbuilder) and maintained the database through coordinating between various internal teams

ADDITIONAL EXPERIENCE

North Carolina Democratic Party, *Campaign Fellow* September 2020 – November 2020
New York University *Office Assistant* January 2020 – May 2020
Green Building Worldwide, Research Fellow February 2019 – June 2019
New York University *Office Assistant* January 2019 – May 2019
World Wildlife Fund, *Research Intern* June 2018 – August 2018

EDUCATION

New York University, Gallatin School of Individualized Study, New York, NY

Bachelor of Arts in Individualized Study on Climate Change and International Affairs

- Graduated with Departmental Honors and Cum Laude with GPA:3.85/4.0

SKILLS

- *Languages*: English (native), French (Fluent: DALF C1), Turkish (native)
- *Technical*: Microsoft Office (Word, Excel, Outlook, PowerPoint), Google Drive, HTML, WordPress, Square-space, Salesforce (CRM), Photoshop
- *Additional Skills:*Strong research, writing and editing skills; exceptional organizational skills and ability to multi-task; time management; teamwork; flexibility; grant writing

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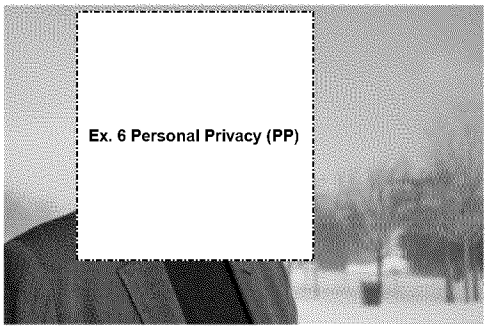

Educa1on

1987
Bachelor of Arts
Brown University
Providence, RI

Work Experience

2004 - 2011
Chief of Staff
Office of Rep. Jose E. Serrano
The Bronx, NY/Washington, DC

1994 – 2004
Co-Founder & Execu1ve Director
The Point Community Development
Corp. The Bronx, NY

1988 – 2004
Program Director
The Seneca Center
The Bronx, NY

Ex. 6 Personal Privacy (PP) is an urban solu1ons consultant and community development prac11oner with a specializa1on in food systems, renewables, and clean transporta1on solu1ons for metropolitan areas. He currently advises a number of anchor ins1tu1ons, community development organiza1ons, and firms in the clean tech sector, each with projects posi1oned at the interface of public policy and market development in these spaces.

Barre_o Bay's recent clients have included a na1onal developer of affordable housing pursuing a strategy of industrial job crea1on in a new $300 million mixed-use development; the owner of a former shipyard exploring industrial redevelopment strategies for a site that once employed 50,000 shipbuilders; an offshore wind developer seeking a fabrica1on and logis1cs hub in NY harbor; the owner of a 9 acre brownfield working to a_ract tenants to a new regional food campus; and a global architecture firm that successfully competed for a share of federal "Rebuild By Design" funding to revitalize the world's largest food distribu1on center. Barre_o Bay has advised two NYS Brownfield Opportunity Area studies and has successfully developed and deployed strategies for a_rac1ng new businesses to industrial brownfield sites.

From 2004 – 2011, Ex. 6 Personal Privacy (PP) served as Chief of Staff to Congressman Jose E. Serrano (NY-16), an 11-term Democrat and senior appropriator from The Bronx, NY. In 2009, Ex. 6 Personal Privacy (PP) served as principal author of The American Electric Vehicle Manufacturing Act (HR 4399), a bill introduced with bi-par1san support and aimed at scaling up the domes1c electric vehicle industry.

Earlier in his career, Ex. 6 Personal Privacy (PP) founded and led The Point Community Development Corpora1on, a pioneering CDC based in the Hunts Point sec1on of The Bronx and ac1ve in the sustainability sector. The organiza1on launched the South Bronx Greenway, ini1ated the revitaliza1on of 8 acres of sca_er-site brownfields, redeveloped two significant industrial parcels, launched a crea1ve sector business incubator in the historic American Banknote Building, and led local community consensus-building around land use and waterfront issues in the South Bronx.

Ex. 6 Personal Privacy (PP) New York, NY 10002
Ex. 6 Personal Privacy (PP) www.barrettobay.com

Community Development Leader with 20 years of experience across the CDFI sector, developing strategies and creating products and programs, addressing the financial needs of LMI communities. Expertise in managing coalitions and nurturing partnerships with key players in CDFI sector.
Committed to working towards poverty alleviation and financial inclusion, with a special focus on women, minorities and immigrants. Areas of expertise and key strengths include:

- **Program design & product development**
- **Strategic planning**
- **Market research, impact measurement & data analytics**
- **Business development & partnership building**
- **Grants management/**
- **CRA expertise**
- **Public speaking/presentations**
- **Proven entrepreneurial drive**

Professional Experience

Director, Consumer Lending & Community Reinvestment Officer
2014-Present

Spring Bank, Bronx, New York

Leading initiatives and building strategies for unique double bottom line CDFI and B Corp

- Managed the banks community reinvestment responsibilities including oversight of CRA exam resulting in a 2018 outstanding rating and management of CRA committee and Community Advisory Board.
- Upgraded data collection and analysis for CRA purposes.
- Created model new consumer loan program, developing a portfolio of products to serve LMI consumers and underserved communities. Completed strategic planning and business plans to assess the consumer banking needs of customers and local communities and to determine the viability of products. Successfully introduced a mission-based small dollar loan program including three unique products: The Employee Opportunity Loan; E-Bike Loan NYC and Credit Builder Loan. Program on target to process over 1000 loans per year, insuring thousands of consumers avoid predatory products and build credit.
- Partnered with a technology startup to build platform for New York City-wide access to loan products, financial capability tools, credit counseling plus the integration of a model cash flow based alternative credit scoring and underwriting model.
- Worked across all bank divisions including marketing, operations, IT, compliance and all bank stakeholders including the Board of Directors to insure the successful integration and deployment of products.
- Oversaw marketing and public relations.
- Created and strengthened community partnerships to further the reach of consumer products.
- Analyzed data and generated reports on impact of products and programs
- Bank Liaison to city, state and federal agencies including regulatory agencies.
- Coordinated the certification of the bank as New York's first B Corp Bank and spearheaded the creation of a Banking Development District in the South Bronx.

Senior Program Officer
2010-2014

National Federation of Community Development Credit Unions, New York

Key Accomplishments:

- Implemented initiatives and designed products for credit unions nationwide to provide responsible loans and asset building opportunities for consumers.
- Reviewed programs and projects for regulatory and compliance purposes.
- Successful grant writing and grant management and overseeing of investor and funder relations, compliance and outreach to banks, foundations and social investors.
- Liaison to city, state and federal agencies including regulatory agencies.

Selected Initiatives:

- Better Directions: designed a national initiative to enhance economic security for low-income seniors through integration of credit union products with social service delivery, funded by the Atlantic Philanthropies
- The Small Dollar Loan initiative: Promoted nationally affordable alternatives to payday loans at credit unions, funded by the Ford Foundation

- U.S. Treasury Community Development Financial Institution Fund (CDFI) Capacity Building Initiative on Scaling Microfinance. Managed credit union training and technical assistance as part of a national CDFI Fund

capacity building contract. Mentoring credit union working group on cross sector partnerships and collaborations.

Director, New York State CDFI Coalition 2010-2013

Key Accomplishments:

- Coordinated activities of the New York CDFI Coalition, the nation's largest state coalition of CDFIs, including loans funds, credit unions and community development banks. Successfully advocated for state funding and fostered collaborations and partnerships to leverage resources and maximize impact. Managed annual statewide conference of CDFIs. Invited to make presentations nationwide on CDFI coalition building.

Assistant Director, Community Development Investments

Key Accomplishments: 2008-2010

- Successfully raised new sources of funds for secondary capital investments in credit unions serving LMI communities nationwide, working with investors such as Deutsche Bank on program-related investments, loans and deposits.
- Managed portfolio of loan and grant programs strengthening the ability of credit unions to lend in low-income communities.

Director, Small Business Lending 2004-2008

Community Capital New York, Westchester-Based CDFI Covering Seven NYS Counties

Key Accomplishments:

- Built loan program to address funding needs of small businesses unable to source traditional bank financing resulting in the deployment of much needed capital and technical assistance in underserved communities.
- Managed microfinance program and loan portfolio with additional responsibility for fundraising, building and maintaining relationships with government, state and local agencies and bank and foundation funders
- Administered state and nationally funded loan program in support of minority and women-owned businesses and the Small Business Administration Microloan program
- Built partnerships with banksfor CRA investments, local municipalities and small business technical assistance providers
- Created model peer lending program

Vice Chair, Board of Directors 1994-2000

New Rochelle Economic Development Corporation

Key Accomplishments:

- Established EDC to help revitalize and promote the city's downtown. Spearheaded initiatives including a loan program for women and minority-owned businesses, a business retention program designed to keep existing businesses in New Rochelle and Culture Builds Communities, a program promoting the arts

Additional Experience

- Lower East Side Tenement Museum, New York, NY, Business Development Consultant
- Riverside Housewares, Inc., Vice President/Co-Owner
- Anti-Defamation League of B'nai B'rith, New York State, Regional Director

Other Current Activities

- Vice Chair, South Bronx Overall Economic Development Corporation, Certified Development Corporation
- Board Member, New York state CDFI Coalition
- Advisory Board Member, Bronx Women's Business Center
- Volunteer with HIAS (a refugee Relief Organization) on the development of financial capability programs

Education

New York University, Stern School of Business, New York, NY, MBA

Columbia University, School of International and Public Affairs, New York, NY, MA

Master's thesis published in Columbia Journal of International Affairs

Ford Foundation grant to attend Charles University, Prague

SUNY Binghamton, Binghamton, NY, BA History

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Mobile: Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

EXPERIENCE

Brightside
2022-Present

Founder + Principal
Providing public affairs, applied research, and strategic guidance for startups and non-profit clients focused on climate.

Electric Avenue
2020-2022

Co-Founder + Principal
Led engagements on market entry and public affairs for clients advancing electric micromobility.

Bird
2018-2020

Head of Sustainability
Led initiatives that reduced lifecycle emissions by more than 65%. Led external relations around sustainability, helping the company expand to 100 markets and win competitive permits.

NACTO
2017-2018

Deputy Director
Oversaw strategy, policy research, and project implementation. Led program work in Addis Ababa, Ethiopia. Doubled team and helped attract $2M in new funding.

Asian Development Bank
2014-2017

Sustainable Transport Consultant
Worked on project teams for large-scale infrastructure projects, including a bus rapid transit and bikeshare system in Peshawar, Pakistan.

ClimateWorks Foundation 2007-2012

Portfolio Manager
Founding staff member. Led a variety of initiatives to launch and grow the Foundation. Oversaw more than $20 million in annual grants to international organizations.

EDUCATION

New York University
2014

MA in Urban Planning + Policy
Rice Urban Studies Fellow
American Planning Association Fellow

UC Santa Cruz
2005

BA Environmental Studies + English Literature
Graduated with Honors

SKILLS

Communications | Government grants | Market entry | Policy campaigns | Applied research | Product development | ESG program strategy | Strategic partnerships

RECENT PRESS

Fast Company Earthlings Podcast Fortune Forbes NPR Marketplace Canary Media Bloomberg CityLab

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Ex. 6 Personal Privacy (PP) Brooklyn, NY 11209

Ex. 6 Personal Privacy (PP) | LinkedIn

Work Experience

Transportation Alternatives, New York, NY — February 2020 - Present

Deputy Director (April 2022 - present)

- Oversee fundraising, finance, operations, and human resource functions for a team of 35. Responsible for developing and retaining a cohesive and diverse staff, as well as creating and implementing financial and operational systems that position the organization for success.

Director of Development (February 2020 – March 2022)

- Managed $4M annual fundraising portfolio and supervised a development team of five.

Neighborhood Housing Services of New York City, New York, NY — March 2019 - February 2020

Director of Resource Development

- Managed an annual fundraising portfolio of $1.4M and led donor engagement and stewardship. Responsibilities included: building annual budget and funder pipeline; developing 65+ grant applications for public and private funders; implementing a $370K annual gala; and managing two board committees.

Girl Rising, New York, NY — May 2018 - March 2019

Development Manager

- Streamlined development procedures for a newly-launched nonprofit. Responsibilities included: building a new CRM database; implementing a $250K annual gala; and managing donor and stakeholder events in New York, Los Angeles, and Washington, DC.

Regional Plan Association, New York, NY — May 2014 – May 2018

Manager, Special Events & Individual Giving (July 2017 – May 2018)

- Designed and managed an annual special events program. Highlights included: an annual 1,000+ person fundraising conference; events for two endowment campaigns; and donor cultivation lectures and dinners.
- Supervised a team of two to maintain a CRM database, manage annual fundraising campaigns, design marketing and communication materials, and support calendar and projects of the executive office.

Operations & Strategy Associate (February 2017 – June 2017)

- Managed a $250K office relocation; oversaw design process for 9,000-sf of raw office space, managed vendor contracts, and directed move logistics.

Senior Executive Administrator, Office of the President (August 2015 – January 2017)

- Supported the management of a 90-person board of directors and six board committees.
- Supervised the implementation and reporting of community engagement efforts for a $1M multi-year project on public health in low-income minority communities in the tri-state region.

Research Associate & Executive Assistant (May 2014 – July 2015)

- Managed executive office projects including: launching a 50-person advisory committee for a $3M research project and organizing an international transit agency summit hosted in London.

Governors Island Alliance, New York, NY — September 2012 – May 2014

Interim Director, Public Programs (July 2013 – May 2014)
Public Programs Associate (September 2012 – June 2013)

Education

Barnard College, Columbia University, New York, NY — Class of 2013

Bachelor of Arts, Urban Studies. Minor: Environmental Science. Magna cum laude.

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SUMMARY

Accomplished nonprofit executive and lawyer with 30 years of experience in developing and implementing sustainable public policy and projects in complex urban settings through public-private partnerships, community organizing, fundraising, non-profit advocacy, and government.

Special Expertise: Environmental sustainability • Innovative public policy • Nonprofit management • Waterfront, park, and open space development, management, and finance • Green infrastructure • Organizational and political fundraising • Government strategy and finance • Federal, state, and city government relations

PROFESSIONAL EXPERIENCE

NEW YORK UNIVERSITY, STERN SCHOOL OF BUSINESS, CENTER FOR SUSTAINABLE BUSINESS Senior Research Scholar, January 2016 to present

- Director, *Invest NYC SDG,* an CSB initiative to support NYC's sustainable development goals and drive private engagement and investment in tangible NYC projects and help achieve the UN Sustainable Development Goals.
- Led a partnership with NRDC and NYC DEP to develop an innovative private green infrastructure incentive program in DEP's $2.4 billion stormwater management plan, as detailed in "Catalyzing Green Infrastructure on Private Property: Recommendations for a Green, Equitable, and Sustainable New York City."

NYC ENVIRONMENTAL PROTECTION (DEP)

Senior Advisor to the Commissioner, June 2014 to July 2015; **Consultant to DEP**, July 2015 to January 2016
Advised Commissioner on green infrastructure policy and partnerships in a $2.4 billion stormwater management program. Designed a DEP-Parks collaboration, adding $36.3 million in green infrastructure funding to 35 community parks. Created the first NRDC-DEP partnership to develop a private market for green infrastructure.

THE TRUST FOR PUBLIC LAND

Senior Fellow, October 2012 to May 2014

Developed a national initiative to support using urban parks as green stormwater infrastructure as part of the anticipated $200 billion green infrastructure spending to comply with the Clean Water Act. Organized a Harvard University colloquium and helped secure a $450,000 grant to launch the TPL effort.

NON-PROFIT STRATEGY AND DEVELOPMENT CONSULTANT, September 2009 to June 2012

- **Bard Prison Initiative -- Bard College, Senior Consultant** (January 2011-June 2012)
  Developed and implemented BPI's first communications and development program -- print, web, video, newsletter, donor database, and special events -- supported by Open Society Foundations, leveraging *60 Minutes*, *New York Times*, *PBS*, and *NPR* coverage.
- **Other consulting**: Helped create a new nonprofit conservancy organization for **Washington Square Park**; Advised **Youth Communication**, an NYC nonprofit that helps marginalized teens to write and publish for other at-risk teenagers, on development strategies.

BROOKLYN BRIDGE PARK CONSERVANCY, Brooklyn, New York

President, September 1999 to June 2009; **Deputy Director,** March 1999 to September 1999

Directed all aspects of a nonprofit citizens' organization, growing it from an original budget of $10,000 to $1.35 million annually, building a 26-member board of directors and staff of 11, and successfully helped to develop

government and public-private partnerships to win the political and financial support for construction of a new $500 million waterfront park in New York City. Responsibilities and accomplishments included:

Broad-based Citywide Advocacy

- Designed and managed a multi-year successful advocacy effort for Brooklyn Bridge Park. Engaged elected officials, civic, community, and environmental leaders, and media, resulting in more than $280 million in capital construction funds and organizational support. Today, more than 90% of the Park is built.

- Developed and implemented two major strategic plans, working with board, community, and consultants, to guide the organization's vision and growth, and its long-term programming partnership role and budgets. Led board in an organizational branding process, working with consultants and stakeholders.

- Raised more than $10 million over 10 years from a balanced and diverse funding base of government support, earned income, and private contributions; recruited and engaged the board, growing it from 5 to 26; recruited and managed a staff that grew 500% and attracted hundreds of volunteers.

Public Programming

- Developed and managed free educational, recreational, stewardship, and cultural programming that attracted more than 500,000 people from 1999 through 2009. Highlights included *The Floating Pool and Brooklyn Bridge Park Beach* in 2007 (71,000 visitors in 9 weeks), *Summer '08 at Pier One* (192,000 visitors in 13 weeks), and *Movies With A View*, drawing more than 100,000 people over 9 summers -- generating national and international media attention for the beginnings of Brooklyn Bridge Park (including prompting a New Yorker magazine cover).

Communications, Marketing, and External Affairs

- Crafted all media strategies; served as the organization spokesperson in all media relations, including print, TV, cable, radio, and social media; managed organization newsletter, website, member database, and all e-communications; supervised the creation of all marketing materials for the organization.

ADDITIONAL INFORMATION

Publications: Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

Board Memberships: Member, Board of Directors, Project Citizenship, 2018-2000; Member, Board of Directors, Brooklyn Public Library, 2007-2011; Member, Board of Governors, Brooklyn Heights Association, 1996-2005

Executive Education: Columbia University Graduate School of Business, Institute for Not-For-Profit Management, Executive Level Program

EDUCATION

HARVARD UNIVERSITY, John F. Kennedy School of Government, Cambridge, Massachusetts, M.P.A.

FORDHAM UNIVERSITY Law School, New York, New York, J.D.

PRINCETON UNIVERSITY, Princeton, New Jersey, A.B.

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EXPERIENCE

Chief Development and Evaluation Officer • The HOPE Program • 2011 - Present

Organizational Growth

- Spearhead all revenue acquisition to grow HOPE from $2 million to $9 million annually
- Launched and grew HOPE's signature fundraising gala which has raised over $1.5 million in unrestricted funds and achieved an efficiency rate of 90% each year
- Achieved two government grants which marked the largest investments in HOPE in organizational history: $1.8 (3 years) from the Office of the Manhattan District Attorney to build HOPE's social enterprise and $1.5 (2 years) in a highly competitive federal Department of Labor YouthBuild grant
- Engaged with elected officials to grow HOPE's discretionary funding by a factor of 10
- Successfully launched innovative fundraising strategies to ensure continued organizational viability during COVID-19

Strategy and Planning

- Spearheaded 2015 acquisition of Sustainable South Bronx, marking the boldest phase of growth in HOPE's 30-year history, alongside Executive Director and board leadership
- Served on committees of key staff and board members in developing 2 organization-wide strategic plans
- Leading the ground-up implementation of a new, custom Salesforce.com database to meet needs across program, development, and finance teams
- Serve on a cross-departmental team to improve HOPE's Diversity, Equity, Inclusion, and Accessibility practices

Media and Communications

- Serve as lead media contact to secure press coverage such as: NY Times & Bronx News 12
- Deliver compelling remarks to over 400 donors and partners annually at fundraiser
- Represented HOPE at an international conference on workforce development, hosted by The Organisation for Economic Co-operation and Development

Staff Management and Cultivation

- Meet the varying needs of staff at all levels, from recent graduates of HOPE's job training program to highly-experienced, Masters-level fundraisers to position them for personal growth and team success
- Develop, communicate, and support the implementation of key policies, ensuring continued success across all teams, particularly in a rapidly evolving work environment Introduce
- innovative staff benefits such as a sabbatical policy

Board Chair • College and Community Fellowship • 2021-Present

- Unanimously voted by fellow Board members to serve as Board Chair, managing the first Board Chair succession in organizational history
- Spearheading a high-level Executive Search
- Increasing Board engagement and accountability by establishing Board leadership meetings, committee reports at quarterly meetings, individual Board member outreach, etc.
- Continuous service on CCF's Board of Directors since 2004

SKILLS

- Fundraising
- Strategic Planning
- Management
- Written & verbal communications
- Strategic Planning
- Community Engagement
- Remote work tools such as Google Drive, Zoom, Teams
- Salesforce

EDUCATION

Baruch College
Masters of Public Administration

Roanoke College
Bachelor of Arts with Honors, French

Columbia Business School
Certificate in Nonprofit Leadership

Nonprofit New York
Diversity, Equity, Inclusion & Accessibility Learning Lab

The Center for Leadership
Innovation Nonprofit Leadership Training

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COMMUNITY INVOLVEMENT

College and Community Fellowship
Board Member and Chair

Race for New York City Council District 39
Campaign Volunteer

New Sanctuary Coalition
Volunteer accompanier for immigrants facing deportation proceedings

Prison Education Initiative
Instructor and Administrator

Literacy Council of Northern Virginia
English as a Second Language Teacher

SPEAKING ENGAGEMENTS

Organisation for Economic Co-Operation and Development Featured speaker, Antwerp Belgium

Humor for HOPE Annual Fundraiser
Featured Speaker

Labor Market Information Service Conference
Climate Change & New York City Workforce: The Silver Lining
Featured Speaker

College and Community Fellowship
Featured speaker at semi-annual gala

Center for Nonprofit Success
Featured Speaker

ADDITIONAL WORK EXPERIENCE

Read Alliance
Senior Development Manager
Program Associate

Jewish Fmaily Services of Metrowest
Program Coordinator

Nottoway County Public Schools
Middle School/High School French Teacher

WORK SAMPLES

- Featured speaker at Humor for HOPE fundraiser
- Print collateral for year-end fundraising
- Representing HOPE on Bronx News 12

AWARDS

- 2022 Baruch College Changemaker Award recognizing Alumni making a difference in the social sector
- Bank of America's signature Neighborhood Builders Award
- New York City Employment and Training Coalition's award for outstanding direct services (won on behalf of HOPE)
- Finalist for Nonprofit New York's prestigious Nonprofit Excellence Awards

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Ex. 6 Personal Privacy (PP), New York NY 10025
Tel: Ex. 6 - Personal Privacy (PP)
E-mail: Ex. 6 - Personal Privacy (PP)

Enthusiastic leader with demonstrated achievements in
Management, Capital Projects, Economic Development & Urban Policy

January 2016 - Present **URBAN HEALTH PLAN, INC.**
Bronx NY **Senior Director for Planning, Capital Projects & Community Development**
Executive Director, Greater Hunts Point Economic Development Corporation
Executive for a network of federally qualified health centers with responsibility for capital projects, planning, grants & contracts, and initiatives that link community development and health. Urban Health Plan is a $130 million organization with over 20 sites in the Bronx, Manhattan and Queens. Executive Director of UHP's community development affiliate – The Greater Hunts Point Economic Development Corporation.

August 2013 – November 2015 **BRIDGE STREET DEVELOPMENT CORPORATION**
Brooklyn NY **Chief Operating Officer**
Executive, planning and project leadership for an affordable housing and economic development organization focused on Central Brooklyn. Significant accomplishments: Created internal legal and contract capacity; *Kings Covenant* scattered-site TPT project increased affordable housing portfolio by nearly 30%; cultivated real estate development pipeline with public, private & faith-based partners; led new initiatives to increase return on portfolio commercial real estate and enhance neighborhood economic development.

July 2008 - February 2013 **CITY OF BRIDGEPORT**
Bridgeport CT
July 2012 - Feb 2013 **Director – Bridgeport Economic Development Corporation**
July 2008 - July 2012 **Director – Office of Planning & Economic Development**
Head of the City department responsible for economic and community development, housing, city planning, land use & zoning, neighborhood revitalization, historic districts, and building permits in Connecticut's largest city. Member of the Bridgeport Port Authority's Board of Directors and the Mayor's Cabinet. Significant accomplishments: Completed city -wide new *Master Plan of Conservation & Development* and revised *Code of Zoning Regulations*; generated $2 million from the sale of unused dilapidated City-owned commercial property; fostered a new development scheme for the City's 50-acre mixed-use *Steel Pointe Harbor*; oversaw doubling of the downtown residential population; $250 million in downtown projects in first 4 years, attracting several dozen new businesses; devised strategy and RFP for redeveloping 6 blocks of City-owned property in the downtown central business district; created the Business Development Loan, Storefront Improvement Grant and Bridgeport ArtsFest.

Jan 2004 - Sept 2007 **PROVIDENCE ECONOMIC DEVELOPMENT PARTNERSHIP, INC.**
Providence, RI **President**
CEO of the economic development corporation for Rhode Island's capital city. Managed a $13 million commercial loan portfolio, provided technical assistance to start-up and existing businesses, advised the city's political leadership on economic development strategy, and, served as city's primary liaison to the business and banking community. Significant accomplishments: $9 million in small business and economic development loans, financed 500,000 sq. ft. of residential/commercial/industrial real estate, created/retained over 1300 jobs.

2002 - 2003 **BRONX OVERALL ECONOMIC DEVELOPMENT CORPORATION**
New York City **Director - Workforce & Business Development**
Member of the senior management team for the economic development corporation for Bronx County. Responsible for new business development, relocations, technical assistance, and initiatives for employment &

training. Significant accomplishments: developed and implemented a federally-funded workforce development program to assist workers displaced by the post-9/11 economic downturn.

2001 - 2002 **BOARD OF EDUCATION OF THE CITY OF NEW YORK, OFFICE OF CHARTER SCHOOLS**
New York City **Director - Operations, Strategic Planning & Governance**
Responsible for policy, planning and facility operations for New York City's charter schools. Significant accomplishments: drafted and implemented the standard Operating Agreement between charter schools and the Board of Education for funding, services and fiscal/management/educational accountability.

1995 - 1998 **NYC DEPARTMENT OF CULTURAL AFFAIRS**
New York City **General Counsel**
Chief legal officer for a $200 million municipal agency responsible for promoting arts and culture in New York City, with oversight of 34 City-owned museums and cultural facilities.

ADDITIONAL EXPERIENCE: Corporate Attorney for the Consolidated Edison Company; Owner/Principal Attorney for the Law Office of Donald C. Eversley (contracts, intellectual property, arts, entertainment and branded products); founded Chatoyer Arts & Media, a performing arts management consultancy and South Atlantic Communications, a world music distribution firm; founding Executive Director of the Black Rock Coalition, a national performing arts nonprofit organization.

EDUCATION

UNIVERSITY OF PENNSYLVANIA SCHOOL OF LAW J.D.
BROWN UNIVERSITY B.A., Psychology & Africana Studies
K-12 New York City Public Schools; BROOKLYN TECHNICAL HIGH SCHOOL

PROFESSIONAL TRAINING

Building Opportunity: Capacity Building for MWBE Real Estate Developers - NYCHPD
Affordable Housing Finance/LIHTC – NEIGHBORWORKS
Rental Housing Finance - NATIONAL DEVELOPMENT COUNCIL
Connecticut Land Use Law for Municipal Agencies - CT BAR ASSOCIATION
Economic Development Finance/Credit Training - NATIONAL DEVELOPMENT COUNCIL
Trial Practice Diploma - NATIONAL INSTITUTE FOR TRIAL ADVOCACY
Story Structure - ROBERT MCKEE

TEACHING

Guest Lecturer 2005 & 2006 – "Urban Problems" Urban Studies Dept., University of Rhode Island
Guest Lecturer 2008 – "State & Local Government", Political Science Dept., Rhode Island College
Guest Lecturer 2021 – "Land Use & Zoning" "Real Estate Development" New York University

AFFILIATIONS

International Economic Development Council
Northeastern Economic Developers Association

ATTACHMENT 3 - LETTERS OF COMMITMENT FROM PARTNERS

Project Title: Equitable Commute Project Accelerator (**ECP Accelerator**)
Applicant Information: New York City and Lower Hudson Valley Clean Communities, Inc. (D/B/A: Empire Clean Cities)

Letters of Commitment:

- Ydanis Rodríguez, Commissioner, **NYC Department of Transportation**
- Donald Eversley, Executive Director, **Greater Hunts Point Economic Development Corporation**
- Irene Branche, Chief Development and Evaluation Officer, **The HOPE Program**
- Divya Subramanian, Associate Director, Invest NYC SDG Initiative, **New York University Center for Sustainable Business**
- Paul Lipson, Principal, **Baretto Bay Strategies**
- Christine Hsu, Deputy Director, **Transportation Alternatives**
- Melinda Hanson, **Brightside** Strategies
- Siobhan Watson, Deputy Director of Sustainability Programs, **New York City Housing Authority**
- Additional Community Engagement Partners

April 11, 2023

Office of Environmental Justice & External Civil Rights
Environmental Protection Agency
1200 Pennsylvania Ave, N.W.
Washington, DC 20460

Dear EJCPS Selection Committee,

I am writing this letter to express the NYC DOT's commitment to coordinating with Empire Clean Cities and the rest of the Equitable Commute Project (ECP) on its electric bike (e-bike) Accelerator Program. We have been advising the ECP team since 2020, and support their mission to increase access to UL-certified e-bikes for lower-income New Yorkers.

E-bikes provide low-emission, space-efficient, and affordable transportation that allows New Yorkers to move through our city while advancing Mayor Adams' climate agenda. With approximately 68% of car trips in NYC under five miles, e-bikes hold promise for helping the City reach its decongestion and decarbonization goals. However, high quality e-bikes remain out of reach for many, in particular lower-income workers. Reducing the barriers to purchasing these devices makes street safer, advancing NYC DOT's Vison Zero agenda while promoting active transportation alternatives. To support ECP, the NYC DOT commits to the following:

- **Collaborate on public outreach.** We will coordinate with the ECP on public events to spread awareness about the benefits and safe use of e-bikes.
- **Advise on policy research.** We will advise ECP on their research to increase relevance in a policy setting. We will continue meeting with the team on a quarterly basis to align efforts.
- **Provide program guidance and exchange lessons learned.** We will continue to engage with the ECP to ensure integration with the DOT's efforts to expand bike infrastructure and encourage safe e-bike use.

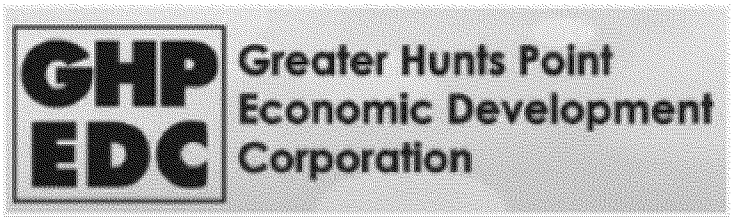
We believe the implementation of ECP's programs would have a meaningful impact increasing access to affordable, sustainable transportation in New York City's underserved communities. If you have any questions concerning our work with ECP and support of this project, please do not hesitate to contact me.

Sincerely,



Ydanis Rodríguez
Commissioner

NYC Department of Transportation Office of the Commissioner
55 Water Street, 9th Floor, New York, NY 10041
T: [Ex. 6 - Personal Privacy (PP)] F: [Ex. 6 - Personal Privacy (PP)]
nyc.gov/dot



April 12, 2023

Office of Environmental Justice & External Civil Rights
Environmental Protection Agency
1200 Pennsylvania Ave, N.W.
Washington, DC 20460

Subject: Letter of Commitment for The Equitable Commute Project's *EPA's Environmental Justice Collaborative Problem Solving Program* application

To Whom It May Concern,

The Greater Hunts Point EDC (GHPEDC) is proud to be a partner in The Equitable Commute Project and will support outreach and community engagement efforts related to e-bike financing opportunities, workforce development, and safety education. GHPEDC strives to positively impact the quality of life for residents of the South Bronx by expanding opportunity, bridging gaps between the residential and business communities in our area, and strengthening the capacity of small enterprises and organizations to manage change and overcome challenges. As a partner in the ECP's application for the Environmental Justice Collaborative Problem Solving Program (EJCPS), GHPEDC will draw on our deep relationships within the community to address long standing transportation equity challenges facing residents of the South Bronx.

The South Bronx is an environmental justice community with high levels of unemployment, asthma, and limited access to public transportation. GHPEDC functions as an important support organization to Bronx small businesses and organizations, facilitating training, technical assistance, and networking opportunities to enhance the vitality of our shared community. As such, GHPEDC will support the ECP by sharing information about e-bike safety, workforce development opportunities, and Spring Bank's low-interest e-bike loan. This outreach will not only make e-bikes more accessible to residents, but will also impact public health and air quality, access to job opportunities, and help people build credit.

GHPEDC is committed to serving small businesses, community-based nonprofits, leaders, and workers in the South Bronx and is ready to leverage our skills, relationships, and our event calendar to promote equitable transportation and improve public health in the South Bronx. If you have any questions, please do not hesitate to contact me.

Sincerely,

Donald Eversley
Executive Director

One Smith Street
4th Floor
Brooklyn, NY 11201

1360 Garrison Avenue
Ground Floor
Bronx, NY 10474

THE HOPE PROGRAM THE HOPE PROGRAM

April 12, 2023

Office of Environmental Justice & External Civil Rights
Environmental Protection Agency
1200 Pennsylvania Ave, N.W.
Washington, DC 20460

To Whom it May Concern:

I am writing on behalf of The HOPE Program (HOPE), a nonprofit organization that empowers New Yorkers to build sustainable futures through comprehensive training, jobs, advancement and lifelong career support, with a focus on opportunities in the green economy. We commit to working with Empire Clean Cities on The Equitable Commute Project (ECP). To support the project and its partners, HOPE commits to:

- Refining our recently-developed e-bike maintenance, repair, and lithium ion battery handling curriculum to prepare participants for micromobility careers
- Recruiting and training 15-20 candidates in our pilot cohort, and providing comprehensive wraparound services to support their success in the program
- Connecting trainees with e-bike shops for potential employment, providing formal retention and advancement services for one year post-hire

HOPE has successfully connected low-income New Yorkers with over 5,000 jobs since its founding in 1984, and has specifically focused on green jobs in the Bronx since 2015. We are a founding member of the Equitable Commute Project and have been a key player in its e-bike distribution programming and partnership development to date.

The HOPE Program is a fundamental partner in the ECP, ensuring that the Bronx has the local workforce needed to support expanded micromobility use, advancing lithium-ion battery safety education, and connecting low-income New Yorkers with equitable access to a sustainable transportation alternative.

If you have any questions, please do not hesitate to contact me.

Sincerely,

Irene Branche

Irene Branche
Chief Development and Evaluation Officer
ibranche@thehopeprogram.org, Ex. 6 - Personal Privacy (PP)

NYU STERN

Center for Sustainable Business

Leonard N. Stern School of Business
Kaufman Management Center
44 West Fourth Street, Suite 8-190
New York, NY 10012

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April 12, 2023

Office of Environmental Justice & External Civil Rights
Environmental Protection Agency
1200 Pennsylvania Ave, N.W.
Washington, DC 20460

To Whom It May Concern,

I am writing on behalf of the Center for Sustainable Business at the New York University Stern School of Business, whose Invest NYC SDG Initiative seeks to design and implement projects that create a more sustainable, inclusive, and resilient New York City. We commit to working with Empire Clean Cities on The Equitable Commute Project. To support the project and its partners, NYU CSB commits to:

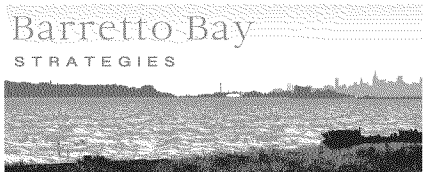
- Supporting outreach to employers eligible to participate in Spring Bank's innovative low cost lending programs
- Leading data collection and evaluation for program impact and ridership • Supporting stakeholder outreach through presentations, meetings, and/or convenings

NYU CSB's involvement will catalyze the collection and dissemination of high-profile data and findings with the potential to inform e-bike uptake at the local, national, and international levels. As a world-leading academic institution, NYU is well positioned to magnify the impact of the Equitable Commute Project by tapping into the skills of our students, researchers, and faculty across affiliated research centers.

Sincerely,

Divya Subramanian

Associate Director, Invest NYC SDG Initiative, NYU CSB



April 12, 2023

Office of Environmental Justice & External Civil Rights
Environmental Protection Agency
1200 Pennsylvania Ave, N.W.
Washington, DC 20460

To whom it may concern,

I am writing on behalf of **Barretto Bay Strategies**, an urban solutions consulting firm that provides strategic advising to municipal governments, anchor institutions, development organizations, and start-ups in the areas of clean energy, low-carbon logistics, and neighborhood revitalization. Its Clean Transportation practice helps animate markets for emergent technologies and disruptive business models, typically positioned at the interface of public policy and market development.

Our firm commits to working with Empire Clean Cities on **The Equitable Commute Project**. To support the project and its partners, Barretto Bay commits to:

- Building and strengthening relationships with Bronx-based organizations and leaders
- Advising on local economic development strategies
- Guiding and supporting engagement activities

Barretto Bay's long history in the borough and wealth of experience with local organizations ideally positions our firm to assist ECP's efforts to build a robust network of community partners in The Bronx. We look forward to working closely with all ECP's stakeholders to bring greater equity to commutation and mobility in our borough.
Sincerely,

Paul Lipson
Principal

TRANSPORTATION ALTERNATIVES

April 12, 2023

Office of Environmental Justice & External Civil Rights
Environmental Protection Agency
1200 Pennsylvania Ave, N.W.
Washington, DC 20460

To whom it may concern,

I am writing on behalf of **Transportation Alternatives (TA)**, an organization committed to reclaiming New York City from cars, transforming our streets into safe, sustainable, and equitable places to walk, bike, take transit, gather and thrive. In keeping with the substantial pro automobile development that the USA has undertaken at large, New York City followed the same model, sacrificing overall wellbeing in the process, and hurting the personal relationship of citizens with their own city. We commit to working with **Empire Clean Cities** on **The Equitable Commute Project**. To support the project and its partners, TA will

1. Support community and stakeholder outreach efforts and the planning and execution of events and advocacy.
2. Mobilize New Yorkers across NYC to advance change through grassroots organizing. TA amplifies the needs and voices of all residents, particularly those underrepresented in urban planning processes and underserved by existing transportation systems.
3. Continue to partner with ECP to advance sustainable and innovative e-micromobility policy, infrastructure investments, and access and opportunity in NYC. TA is the city's lead advocate for better and safer walking, biking, and public transit. We have led campaigns that brought citywide bikeshare, the first protected bike lanes, and the world's largest automated speed safety camera system to NYC. TA played a pivotal role in the 2020 legalization of e-micromobility in NYC – a policy win that was the culmination of years of advocacy fueled by TA activists and coalition partners.

Sincerely,

Christine Hsu
Deputy Director

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April 13, 2023

Office of Environmental Justice & External Civil Rights
Environmental Protection Agency
1200 Pennsylvania Ave, N.W.
Washington, DC 20460

To whom it may concern,

I am writing on behalf of Brightside Strategies, a Brooklyn-based consultancy specializing in micromobility. Our mission is to support companies, governments, and organizations to reduce car dependence with micromobility. We have a broad network of relationships across the micromobility industry, from e-bike manufacturers to lithium-ion battery recyclers.

We are a co-founder of the Equitable Commute Project, and commit to working with Empire Clean Cities on the ECP Accelerator program. To support the project and its partners, Brightside commits to leading marketing, communications, and policy efforts for the program. Brightside will use its expertise and connections to develop compelling outreach materials, enroll e-bike manufacturers in the program and secure discounted e-bikes, and support engagement of businesses to spur e-bike uptake.

Electric micromobility offers the opportunity to expand mobility access while lowering carbon emissions. Our team believes wholeheartedly in this program and commits to working with Empire Clean Cities to ensure its success.

If you have any questions, please do not hesitate to contact me.

Sincerely,

Melinda Hanson

NEW YORK CITY HOUSING AUTHORITY
23-02 49th AVENUE • LONG ISLAND CITY, NY 11101
TEL: Ex. 6 - Personal Privacy (PP) • http://nyc.gov/nycha

LISA BOVA-HIATT
INTERIM CHIEF EXECUTIVE OFFICER

April 12, 2023

United States Environmental Protection Agency
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Re: New York City Housing Authority's Letter of Commitment of Equitable Commute Project's Accelerator Program for United States Department of Environmental Protection's Fiscal Year 2023 Environmental Justice Collaborative Problem Solving Program

To Whom it May Concern:

I am writing on behalf of the New York City Housing Authority (NYCHA) to express our commitment of support for the Equitable Commute Project (ECP)'s application for U.S. Environmental Protection Agency's Environmental Justice Collaborative Problem-Solving Program (EJCPS) program for their Accelerator Program with Empire Clean Cities. NYCHA and ECP have been coordinating since Summer of 2022 on micromobility topics related to low- to moderate-income New Yorkers. NYCHA supports their mission to increase access to high-quality, UL-certified e-bikes for lower-income New Yorkers.

NYCHA is North America's largest public housing authority with over 500,000 low- and moderate-income New Yorkers living in NYCHA's 335 developments. Many NYCHA residents rely on electric micromobility devices including many who use e-bikes to earn a living as delivery workers.

To support the project and its partners, the NYCHA commits to the following:

- Advise on policy research – NYCHA's Sustainability department will advise the team on their quantitative and qualitative research to increase relevance in a policy setting
- Provide program guidance and exchange lessons learned – NYCHA's Sustainability department will continue to work with ECP on micromobility topics and share information regarding NYCHA's demonstration project with Con Edison

NYCHA is supportive of ECP's commitment to provide NYCHA residents with the resources to make knowledgeable decisions about these devices. ECP's Accelerator Program would work well in tandem in NYCHA's Micromobility Plan, which plans to provide outdoor charging and storage for electric micromobility devices.

Sincerely,

Siobhan Watson
Deputy Director of Sustainability Programs
Sustainability Department, Asset & Capital Management Division

Additional Community Engagement Partners:

Local, national, and international transportation experts

- World Business Council for Sustainable Development
- World Resources Institute New Urban Mobility alliance
  World Economic Forum
- ● NACTO
- ● People for Bikes
- ● Partnership for NYC
- ● Regional Plan Association
- ● Sidewalk Labs
-

Local elected representatives and NYC agencies

1. ● Assembly Member Amanda Septimo
2. ● Councilman Rafael Salamanca
3. ● New York State Senator Roxanne Persaud
4. ● Former Borough President Eric Adams
5. ● NYC Department of Transportation
6. ● NYC Economic Development Corporation
7. ● NYC Mayor's Office of Climate and Environmental Justice

Bronx and Brooklyn community anchor institutions, employers, and social, economic, and environmental organizations

1. ● Urban Health Plan
2. ● NYS Nurses Association
3. ● Hunts Point & Longwood Community Coalition
4. ● SoBro
5. ● BronxWorks
6. ● SUN Brooklyn
7. ● Dataminr
8. ● Resilience Shift
9. ● Bronx Health REACH
10. ● Brooklyn Greenway Initiative
11. ● Brown Bike Girl
12. ● Green City Force
13. ● Nontraditional Employment for Women
14. ● Bedford Stuyvesant Restoration Corp.
15. ● Hunts Point Alliance for Children
16. ● Bike New York
17. ● Immigrant Coalition
18. ● RiseBoro
19. ● WIN (women in need)
20. ● Make the Road
21. ● The Point CDC
22. ● Youth Ministries for Peace and Justice
23. ● Nos Quedamos

Micromobility vendors

1. ● Lyft
2. ● Superpedestrian

3. • Oonee
4. • Swiftmile
5. • HubNYC
6. • RadPower
7. • Revel
8. • Ride Panda
9. • Trek
10. • Unagi
11. • Voi
12. • Wheels

The below table provides an overview of the ECP's engagement with target stakeholders.

Stakeholder engaged 2020-2023

TARGET STAKEHOLDER	GOAL OF ENGAGEMENT	ENGAGEMENT COMPLETED*	INFLUENCE ON ECP'S VISION
Prospective riders	Proof of concept; gather feedback to refine ECP approach	Example: Pilot distribution and training event matched 15 participants with e-bikes; follow-up interviews with participants	Improved understanding of the program's potential benefits, barriers to use, and areas for improvement
Employers/ distribution partners	Build employer buy-in and interest in ECP; gauge current mobility preferences, interest in e-bikes, and potential concerns with e-bikes	Example: E-bike demo and surveying at the Greater Hunts Point Economic Development Corporation's Spring Mingle event	Improved understanding of employee health and/or financial stress or lateness caused by commuting challenges. Helped identify program factors that require more clarification
E-bike vendors	Identify inventory of quality e-bikes; confirm supply will meet demand; confirm discounts and supportive services for ECP participants	Example:Discussions with e-bike shops and manufacturers including Mr C's, Rad Power, RidePanda, and VanMoof	Inspired requirement of certified e-bikes and helped ECP shape a more streamlined approach to e-bike inventory, distribution strategy, and supportive services
NYC NGOs/ community groups	Gauge interest and potential uptake of ECP offerings to diverse constituent groups; gauge mobility preferences, interest in e-bikes, and concerns with e-bikes	Example: Focus group and community survey with the staff and Hunts Point community members at The Point CDC's annual town hall	Helped gauge potential uptake of e-bikes in our target communities, ascertain interest in the subsidy and affordable financing, and identify the most common barriers to e-bike use
City agencies	Build buy-in from City partners who play significant roles in cycling infrastructure investments and policy in NYC; secure programmatic and policy support for ECP implementation	Example: Strategy discussions with NYC Economic Development Corporation and NYC Department of Transportation	Strengthened the ECP's safety education approach, informed our infrastructure advocacy, and honed our geographic focus areas
Utilities and supportive infrastructure providers	Build buy-in from utility providers and cycling infrastructure companies in target communities; secure programmatic and policy support for ECP implementation	Example: Check-ins with ConEd, Oonee (bike parking solutions), and Swiftmile (e-bike charging) regarding the need for supportive cycling/e-bike infrastructure in the Bronx and Brooklyn	Provided insight into what supportive infrastructure was currently available, planned, or missing in ECP communities. Helped to shape ECP advocacy priorities for equitable infrastructure supporting e-bike users
Curriculum experts	Gain guidance from leaders in bike education and workforce training; identify and secure partners for relevant curriculum development	Example: Calls with Brown Bike Girl and Bike New York focused on best practices for e-bike safety training. Calls with Worker Transportation Cooperative focused on e-bike technician curriculum development	Enabled ECP to develop informed initial scopes for e-bike ridership education and safety training, as well as e-bike maintenance curriculum

Elected officials	Build buy-in from elected leaders who could champion cycling infrastructure investments and policy in NYC; secure programmatic and policy support for ECP implementation	Example:Presentations to Council and Assembly Members and, when possible, ECP distribution events and e-bike community discussions with participation by Council Members	Emphasized the importance of consistent and persistent education on the many benefits of e-bikes and the necessity of advocacy for better and safer physical infrastructure to support ridership
National and international NGOs	Gain national and international learnings regarding best practices to grow e-bike ownership/ridership and the successes and challenges of existing e-bike subsidy programs around the world.	Example: Meetings with organizations including National Association of City Transportation Officials, People for Bikes, World Resources Institute, Onward Oregon, World Business Council for Sustainable Business, the United Nations, and the World Economic Forum (among others)	Provided insight into global trends for e-bike utilization, policy and infrastructure needed to effectively spur uptake and sustain and positive perception. Informed ECP's policy + communications strategy

1.A. Project Summary Page

Project Title: Equitable Commute Project Accelerator (**ECP Accelerator**)

Project Location: ECP Accelerator will focus on the Bronx, New York neighborhoods of Hunts Point, Longwood, Melrose, Morrisania, Mott Haven, and Soundview.

Applicant Information: New York City and Lower Hudson Valley Clean Communities, Inc. (D/B/A: Empire Clean Cities); **Point of Contact:** Joy Gardner, Executive Director
55 Water Street, 6th Floor NY, NY 10041 | Ex. 6 - Personal Privacy (PP) | joy@empirecleancities.org

Are you applying for the Small CBO Set Aside Track for $150,000 projects? No
Project Types: Public education, transportation equity, and workforce training
Special Considerations: Climate Change/Disaster resiliency
Environmental Issue: Air quality
Will you need to develop a QAPP for your project? Yes

Applicant Organization: Empire Clean Cities is a 501(c)(3) organization working to reduce transportation emissions while advancing economic opportunity. Since 2007, ECC has provided education and outreach, technical assistance, community engagement, and technology deployment support to NY State and local municipal agencies, fleets, transportation and infrastructure industry partners, and community-based organizations.

Project Abstract: ECP Accelerator will address the need for equitable and sustainable mobility by expanding e-bike access in South Bronx communities that have been disproportionately impacted by environmental pollution and underinvestment, thereby improving air quality, promoting wellness, and dramatically reducing commute times. ECP Accelerator will increase awareness, demand, and safe adoption of e-micromobility through **(i)** conducting community and workplace outreach, **(ii)** connecting lower income New Yorkers to an accessible, credit-building loan, and **(iii)** advancing lithium-ion battery education in workforce training programs. We will partner with employers, bike shops, and NYC-DOT and NYCHA to offer test rides, safety education, and a concierge service to connect Bronx residents with high-quality, affordable e-bikes. We will support access to funding to e-bikes, including the Spring Bank's credit-building Green Mobility Loan, a program that is open to all, regardless of credit history. And we will recruit and train job seekers for the micromobility workforce in lithium-ion battery handling, in a pilot to fill NYC's strong need for this expertise.

Project Partners:

- The HOPE Program (HOPE), Bronx-based CBO
- Greater Hunts Point Economic Development Corporation (GHPEDC), Bronx-based CBO
- Transportation Alternatives (TA), sustainable transportation CBO
- Spring Bank, Bronx-based Community Development Financial Institution (CDFI), B-Corp
- New York University Stern School of Business Center for Sustainable Business (NYU), academic partner
- Brightside, micromobility industry partner
- Barretto Bay Strategies (BBA) economic development consultancy
- New York City Department of Transportation (NYC DOT), government/municipal partner
- New York City Housing Authority (NYCHA), government/municipal partner

1.0 PROGRAM OBJECTIVES

1.B. Environmental and Public Health Information of the Underserved Community

The ECP Accelerator will address environmental injustices in the South Bronx neighborhoods of Hunts Point, Longwood, Melrose, Morrisania, Mott Haven, and Soundview. These communities have a population of over 730,000 diverse residents, where 98% are non-white or of Hispanic/Latinx origin. The South Bronx has a vibrant history and is home to diverse cultural movements and a wide range of immigrant communities. These communities have faced decades of underinvestment and neglect, as described below.

1.B.1. The South Bronx's history of disproportionate environmental injustices

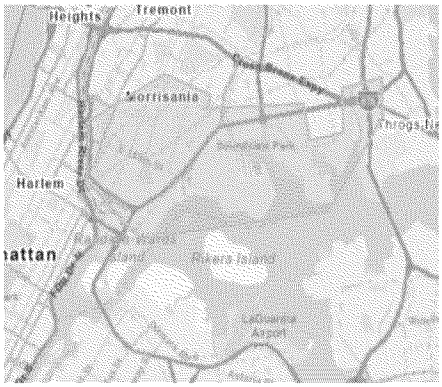
The ECP Accelerator communities have long been subjected to disproportionate levels of air toxicity from vehicle emissions. The construction of the Cross Bronx Expressway and other federal highway projects in the mid-20th century led to the bisecting of South Bronx neighborhoods, displacing over 60,000 people, inviting high levels of traffic pollution, and limiting economic access for residents. The South Bronx is also home to one of the largest food distribution sites in the country, contributing to significant daily diesel truck traffic. Finally, residents have experienced consistent underinvestment in green spaces, with zoning resolutions favoring industrial development over parks and bike lanes.

The impact of these policies can be seen in disproportionate levels of air pollution, including particulate matter (PM), ozone, and diesel particulate matter, as well as other intersectional impacts. According to the Climate and Economic Justice Screening Tool (CEJST), the South Bronx neighborhoods included in the proposed ECP Accelerator meet Justice40 criteria in six categories including transportation, health, housing, legacy pollution, water and wastewater, and workforce development.

(i) The heavy traffic crisscrossing the South Bronx contributes to poor air quality and high levels of emission-related illnesses. According to the EJ Screen tool, these neighborhoods have up to 96% higher concentration of fine particulate matter (PM 2.5) than the statewide average, resulting in high rates of respiratory disease. Asthma-related ER visits among children are nearly double the citywide rate in Hunts Point, Longwood, Morrisania, and Soundview, while rates in Mott Haven and Melrose are three times the citywide rate. Beyond respiratory illness, the impact on human health from breathing diesel emissions leads to an elevated risk of cardiovascular disease: the Bronx has a heart disease mortality rate 42% higher than Manhattan.

(ii) Systemic under-investment has limited economic opportunity, resulting in disproportionate levels of poverty. According to EJ Screen, 59% of South Bronx residents are low income. Public housing is concentrated in the South Bronx and makes up almost 10% of all housing units–the highest rate in the five boroughs. Around 11% of the population is unemployed, and almost 40% are below the Federal Poverty Line.

IMAGE 1.1: THE SOUTH BRONX (SHOWN AT LEFT) AND ASSOCIATED EJ INDEXES COMPARED TO NYS AND THE US



Selected Variables	State Percentile	USA Percentile
Environmental Justice Indexes		
Particulate Matter 2.5 EJ index	96	91
Ozone EJ index	91	88
Diesel Particulate Matter EJ index*	97	99
Air Toxics Cancer Risk EJ index*	95	98
Air Toxics Respiratory HI EJ index*	96	98
Traffic Proximity EJ index	91	94
Lead Paint EJ index	76	93
Superfund Proximity EJ index	87	95
RMP Facility Proximity EJ index	94	91
Hazardous Waste Proximity EJ index	96	99
Underground Storage Tanks EJ index	95	98
Wastewater Discharge EJ index	83	84

(iii) Long commutes and lack of access to reliable and affordable sustainable transport limit economic opportunity and contribute to carbon pollution and financial stress. Although NYC is home to the nation's largest public transit network, many low-wage workers in the Bronx live in transit deserts and face long, complex, and unreliable commutes. While the national average commute is 28 minutes, the average commute time for South Bronx residents is almost one hour each way. Long commutes negatively affect long-term economic prospects: the longer a commute, the lower the chances of lower-income families moving up the economic ladder. Unreliable transit pushes people into car ownership and predatory loans: as of March 2023, the severe delinquency rate on auto loans is the highest it has been in 17 years. Finally, long and unpredictable commutes lead to higher levels of stress, exhaustion, and decreased focus.

(iv) The ECP Accelerator communities face a heightened risk of coastal flooding, as they include a significant percentage of coastal and low-lying tracts. Lower-income communities in the South Bronx are particularly vulnerable to flooding. Increasing the number of transportation options increases community resilience: New Yorkers have turned to bikes and e-bikes in the wake of Hurricane Sandy and COVID-19. By diversifying transportation options through e-bikes, we relieve the burdens on our community's highways and transit systems, mitigating traffic and improving the community's ability to move in the face of a potential environmental disaster. Further, reducing car emissions, in part through a transition to e-bikes, can help to slow sea level rise, reducing the risk of coastal flooding.

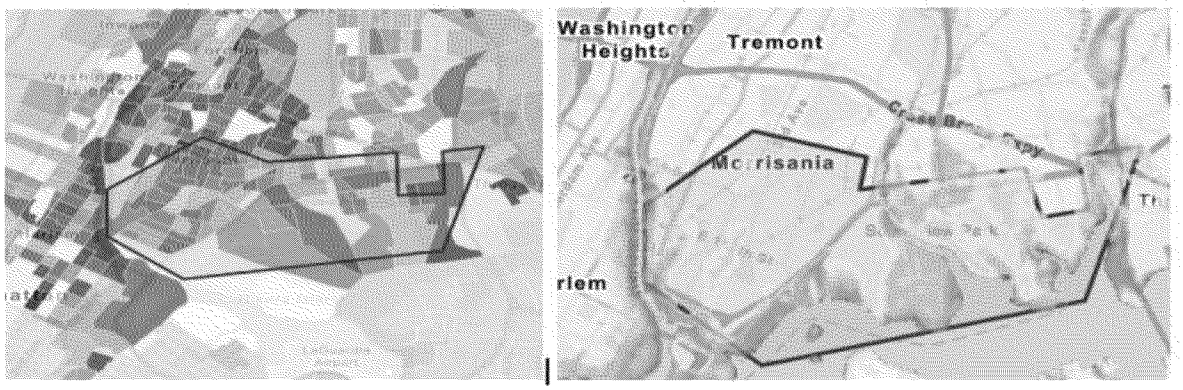
1.B.2. ECP Accelerator will reduce air pollution while expanding access economic opportunity

The ECP Accelerator aims improve air quality and economic access by expanding access to reliable, zero-emission transportation options. As described in section 1.B.1, air pollution in the Bronx is primarily due to transportation emissions, while poor transportation access compounds the inequity many Bronx residents confront daily, eroding health, well-being and impeding wealth creation.

Surveys conducted by our ECP partners found that 82% of respondents in the Bronx are interested in trying an e-bike for commuting, but cost and lack of familiarity with electric micromobility are limiting uptake. ECP Accelerator will address this barrier by creating pathways to overcome financial and social barriers to uptake through (i) community and employer outreach and (ii) expanding access to a low cost, credit-building loan. Our workforce development initiative

(iii) will help to create green jobs, while growing expertise in the proper handling and disposal of lithium-ion batteries.

IMAGE 1.2: THE SOUTH BRONX FACES DISPROPORTIONATELY HIGH RATES OF ASTHMA (L) AND FLOOD RISK (R)



1.B.3. Benefits and results of ECP Accelerator

ENVIRONMENTAL BENEFITS

(i) Reduce car trips by expanding access to zero-emission mobility options. As of 2018, 40% of Bronx households owned cars. This figure has increased even more in recent years, with new car registration jumping 37% citywide between August and October 2020. In 2018, more than 68% of users of for-hire vehicles in the South Bronx said that services such as Uber, replaced transit trips that were otherwise long, onerous, or inaccessible. This continues to add to significant traffic congestion, compounding vehicle emissions in an already overburdened community. Over the two years of the program, we expect to directly connect at least 500 individuals to e-bikes directly and reach at least 3,000 through outreach and education. E-bikes are the most efficient form of motorized transportation, with even fewer carbon emissions than NYC's buses and subways. An early pilot conducted by our ECP parents in the Bronx has shown the power of e-bikes to reduce car trips. For example, Pamela Martinez, a Bronx-based teacher assistant, and mother of two, reports that her ECP e-bike has saved one hour of commuting time each workday and eliminated the need for 4-6 weekly costly Uber trips. **RESULTS:** By shifting transportation modes of residents served by this program, we expect to mitigate an average of 2,500lbs of carbon emissions for every new e-bike on the road. The Bronx communities will directly benefit from this reduction in emissions through improved air quality.

(ii) Expand access to e-bikes increases community resilience. In the wake of Hurricane Sandy and the COVID-19 pandemic, tens of thousands of New Yorkers turned to bikes to get to work and for basic transportation needs. East River bike crossings doubled after Sandy. Increasing transport options is key to improving community resilience. **RESULTS:** By expanding mobility options, each ECP participant will increase their transportation resilience and support a vital network in the event of any emergency.

ECONOMIC BENEFITS

(iii) Reduce commute time and expand access to opportunity. With subway and commuter rail lines running north-south, east-west commutes in the Bronx are particularly arduous. For

example, the 4.5-mile commute from Soundview to the main campus of Montefiore Medical Center (the borough's largest employer) is a multi-modal odyssey that typically lasts more than one hour and requires a subway ride and two bus transfers. On an e-bike, that one-hour commute is reduced to a 20-minute ride, returning valuable personal time to the commuter without increase emissions. **RESULTS:** Based on findings from ECP partners, the ECP expects to save 250 hours of commute time per year for each e-bike purchased while doubling the number of accessible job opportunities.

(iv) Expand mobility options while reducing the financial burden of car ownership. With rising loan rates and higher vehicle prices, the average cost of a new car is $47,680, and the average car loan payment is $730/month–not including insurance, maintenance, and parking costs. Surveys reveal lower income families are likely to pay a higher purchase price than higher income families buying comparable cars, receive a higher interest rate to finance the purchase, and pay more for insurance. Micromobility provides an affordable, sustainable option, freeing lower income New Yorkers from the burden of unaffordable automobile costs. **RESULTS:** ECP Accelerator will save participants $7,500 each year, as compared to car ownership, and an estimated $3,000 each year for frequent Taxi/Uber users.

(v) Support participants in building a positive credit history. Spring Bank's credit-building e-bike loan will help individuals without credit history to establish and grow their credit score, improving overall financial access. **RESULTS:** ECP Accelerator will directly help an estimated 300 people to build credit and enroll at least ten more employer institutions in Spring Bank's Employee Opportunity Loan program.

1.C. ECC's Historical Connection to Underserved Community

1.C.1. Empire Clean Cities and ECP team's history of involvement with the Bronx community

Since 2007, ECC has employed a community-engaged design approach to improve air quality, mitigate vehicle emissions, and address environmental justice issues impacting the health and wellness of South Bronx residents. With an active Board of Directors made up of local environmental advocates, government officials, and transportation experts, ECC has helped fleet owners in the South Bronx transition away from diesel powered technology, connected, and collaborated with local community partners to shape and implement projects, and supported outreach campaigns that engage the community and maximize project impacts. Specific projects and collaborations are described in Section 1.C.2.

In 2020, ECC joined The Equitable Commute Project (ECP) and began to work with a coalition of partners to expand access to micromobility options through community engagement, workforce development, and policy research and communications. ECP partners have decades of experience working in the South Bronx, with strong ties to local businesses and community members. For example, ECP project partner The HOPE Program has facilities in the South Bronx where they provide workforce training for green jobs, while Barretto Bay Strategies has forty years of experience advancing clean transportation projects in the community. Spring Bank has been serving businesses and individuals in the Bronx since 2007, and Transportation Alternatives has been organizing in the Bronx for almost 50 years.

1.C.2. ECC'S work with Bronx communities to address environmental issues

Empire Clean Cities (ECC) has a long history of working on a variety of projects alongside Bronx communities to address local environmental issues, including participating in the Equitable Commute Project to support the shift to zero-emission micromobilty transportation. In 2021, ECC was awarded an EPA Diesel Emission Reduction Act (DERA) grant to replace 19 diesel Transport Refrigeration Units (TRUs) with fully electric TRUs powered by the grid and solar electricity in South Bronx's Hunts Point Produce Market. There are over 200 old diesel TRUs that idle for hours each day, contributing to poor air quality and related public health impacts in the community. ECC is collaborating with two South Bronx-based TRU fleet owners, government stakeholders, and community partners to host workshops and demonstration events to replace the old TRUs, as well as support project replication. This project is estimated to reduce 28.074 tons per year (tpy) of PM2.5, 31.37 tpy of NOx and 68.121 tpy of CO emissions each year and will serve as a model for other urban food distribution sites.

ECC is also an outreach partner for the New York State Energy Research and Development Authority's (NYSERDA) Truck Voucher Incentive Program (TVIP) and NYC DOT's Clean Trucks Program. The goal of these programs is to help fleets transition from diesel-powered medium and heavy-duty vehicles through incentives, including point-of-sale vouchers that reduce the cost of all-electric and alternative fuel trucks and buses, thereby reducing emissions in the neighborhoods impacted by truck routes. ECC provides outreach support to connect fleets and stakeholders in the Bronx and beyond with these programs.

ECC is currently partnering with three NYSERDA New York Clean Transportation Prize (CTP) winners to enhance clean transportation in the Bronx, improve mobility options, and reduce harmful emissions in disadvantaged communities. Projects include (i) **Freight Electrification-as-a-Service for Transformation (FEaST),** which seeks to tackle barriers to electric truck adoption and deploy heavy duty electric trucks, infrastructure, and workforce training in and around the South Bronx. ECC is partnering with local community based organization, South Bronx United (SBU), to support community and fleet outreach for this project; (ii) **The Bronx is Breathing,** which will deploy electric trucks and develop a public fast charging hub for medium and heavy duty electric vehicles in Hunts Point, as well as provide workforce development training and access to zero-emission trucks for Bronx-based nonprofit City Harvest; and (iii) **Accelerating New York Fuel Cell Bus & Hydrogen Infrastructure Deployments,** which will support the MTA to pilot two hydrogen fuel cell buses along Bronx routes in underserved communities. ECC is working with the MTA to conduct community lessoning sessions/townhalls with two South Bronx CBOs.

In addition to grant funded initiatives, ECC supports outreach and education about clean transportation in partnership with the NYC Department of Transportations' Public Space Programming Initiative. ECC hosts clean transportation festivals at open street events, promoting electric vehicles, anti-idling campaigns, and multilingual educational activities. These events are free to attend and give ECC the opportunity to build relationships in South Bronx communities and engage in conversations about issues effecting residents, including traffic noise and

emissions, clean mobility options, and gather feedback about the community's transportation needs and priorities, all of which has helped to inform the ECP Accelerator.

1.C.3. ECP Accelerator was shaped through community-driven participation

The proposed project, the ECP Accelerator, has been shaped through almost three years of research and community engagement with our project partners. During this time, the ECP team has organized more than 35 meetings and community events to better understand barriers to e-bike ownership, ideal program offerings, and interest levels in communities across NYC. These efforts have included a pilot distribution event in 2021, focus groups with local employers and community organizations, and surveys with South Bronx residents about commute challenges and preferred solutions. The ECP team has successfully matched 20 low-income New Yorkers with subsidized e-bikes and organized an e-bike technical training workshop. Community engagement has ensured that our approach addresses the needs of our target constituency, remains respectful of diverse perspectives, values, and local contexts, and takes into account both potential indirect impacts and unintended burdens.

Surveys and interviews with pilot participants showed an overwhelming interest in e-bikes, but a lack of access to affordable, quality e-bikes. Eighty percent of the pilot ECP bike-match participants said they were "unlikely" to have been able to purchase an e-bike without the program, while the others said they would have purchased a lower-quality e-bike. The pilot also found that participants reduced their commute times by 50% on average, reported higher commute satisfaction, and took fewer car trips, demonstrating that e-bikes can reduce carbon emissions from transportation, increase access to employment, and improve quality of life. Several participants in the e-bike technical training workshop expressed a desire to learn how to repair an e-bike and considered it an essential life skill.

These continued outreach and engagement efforts have shaped and refined our vision. We have kept in touch with pilot participants and continue to use their feedback to continue evolving the program. The ECP Accelerator will continue to follow this approach, continuously incorporating community feedback, addressing obstacles as they arise, and adjusting outreach and engagement activities when necessary to properly address the community's needs.

1.D. ECP Accelerator will focus on steps three through seven of the EJCPS Model

Since the ECP partnership launched in July 2020, it has continued to evolve based on community input. We have engaged more than 35 organizations, government agencies, and businesses at the forefront of community finance, workforce development, transportation advocacy, social services, micromobility policy, and micromobility innovation and technology. The Letters of Commitment and Community Partners (Attachment 3) lists groups we have engaged, while the table below summarizes our progress using the EJCPS model.

EJCPS Element	Status	Notes

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1. Issue identification + community vision	Complete	The ECP has evolved since its start in summer 2020. Through community engagement and pilot programs, we have further developed our understanding of the challenges of commuting in the Bronx. We have collectively identified that e-bikes are a desirable mobility solution for up to 82% of individuals surveyed, and that cost and lack of information are key barriers to e-bike access.
2. Community capacity building + leadership development	Ongoing	The ECP-Accelerator model focuses on partnering with local employers and community groups to promote large-scale access to e-bikes and safety training. Further, through our proposed workforce development program, we are building capacity for increased e-bike use in the Bronx by establishing the workforce required to safely maintain e-bikes.
3. Consensus building + dispute resolution	Ongoing	The ECP continues to engage community groups, anchor institutions, bike shops, and other stakeholders to gather feedback on our approach and find ways to support them in connecting their constituents to e-bikes. Stakeholder feedback, data collection and analysis, and program assessments will be used to address potential conflicts and course correct, as needed.
4. Multi-stakeholder partnerships + leveraging resources	Priority for the EJCPS grant	With funding from EJCPS, we will deepen ties with Bronx bike shops and e-bike manufacturers to negotiate discounts for ECP participants. We will also develop an e-bike "concierge" program, engaging members of the community to support those interested in an e-bike to find and purchase the right one.
5. Constructive engagement by relevant stakeholders	Priority for the EJCPS grant	With support from the EJCPS program, we will facilitate engagement between cyclists and the NYC agencies (NYC DOT and NYCHA) by surveying participants to understand their experience biking in the city, collecting stories about the real-world impact of e-bikes in supporting economic access and supporting ECP participants to engage in DOT and NYCHA feedback sessions to ensure their voices are heard around new bike infrastructure projects.
6. Sound management + implementation	Priority for the EJCPS grant	With support from the EJCPS program, we will leverage the community's abilities and talents by designing feedback mechanisms that facilitate stakeholder input, assess program messaging, and incorporate community feedback in program assessments and design recommendations.
7. Evaluation, lessons learned + replication of best practices	Priority for the EJCPS grant	With support from the EJCPS, we will institute feedback mechanisms to ensure we are soliciting input from key stakeholders, evaluating progress quarterly, and documenting and sharing information on success.

1.E. Project Linkages: ECP Accelerator supports EPA's Goal 2, Objective 2.1

ECP Accelerator will support EPA's strategic plan (goal 2, objective 2.1) through **(i)** building capacity and climate resilience and maximizing benefits to underserved communities and **(ii)** engaging and supporting state and local governments.

(i) Building capacity and climate resilience and maximizing benefits to underserved communities. By connecting underserved communities with affordable and sustainable transportation and providing workforce training, we are supporting reliable access to economic opportunity and expanding community resilience. Bikes have repeatedly shown their value as a resilience tool. For example, in 2012, in the aftermath of Hurricane Sandy, many New Yorkers turned to bikes to get to work and run errands. A bike boom also occurred during the COVID pandemic, when New Yorkers were wary of public transit. Through our workforce development

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program, we are building capacity to ensure overburdened communities are first in line for jobs in the $300 billion micromobility industry.

(ii) Engaging and supporting state and local governments. Through our partnership with the New York City DOT and New York City Housing Authority (NYCHA), we are supporting community engagement to inform and advance clean transportation programs and priorities. ECP Accelerator will ensure underserved communities have a seat at the table and that they are actively involved in decision-making about bike lanes, safe street design, and other issues that impact their communities.

1.F. Partner and Collaborate

1.F.1. ECC will accomplish its goals through partnerships with multiple stakeholder groups

Partnership collaboration is at the core of The ECP Accelerator. Over the past 3 years, Empire Clean Cities has partnered with Transportation Alternatives (TA), an advocacy nonprofit; Greater Hunts Point Economic Development Corporation (GHPEDC), an economic development non-profit; Barretto Bay Strategies, an economic development consultancy; Brightside, a micromobility industry consultancy; and academic institution New York University (NYU), NYC Department of Transportation, and Spring Bank to identify the solution to the transportation and pollution issues in the South Bronx. By partnering with a wide-range of stakeholder groups, with deep roots in the South Bronx and micromobility industry, we are able to work at address mutli-barriers to e-bike adoption and leverage our collective resources, networks, and technical expertise to accomplish our project goals.

1.F.2. ECP Accelerator Includes Nine Core Partners

The ECP team includes representation from CBOs, academia, government, financial institutions, and the private sector. The below table summarizes roles and responsibilities, resources brought to the project, and the organization's vested interest in the Bronx neighborhood we will serve. Attachment 3 includes letters of commitment from each organization.

Partner/Stake-holder Group	Role and responsibilities	Resources brought to the project	Vested interest in partnership
Empire Clean Cities (Clean Transportation Nonprofit and U.S. Department of Energy Clean Cities Coalition)	Serve as the PM and oversee grant management, budget, and stakeholder coordination. ECC will also support community outreach.	Experienced supporting clean transportation projects in EJ communities through education and outreach, collaboration with public and private stakeholders, and technical and logistical assistance.	ECC's mission is to reduce transportation emissions, while carrying out the Justice40 commitment to invest in communities that are marginalized, underserved, and overburdened by pollution.
NYC DOT (Government partner)	Advise on program guidance, policy research, and ensure the program aligns with municipal micromobility programs. As well as collaborate on events and outreach.	The NYC DOT staff bring decades of experience working in the Bronx to support micromobility. This project will collaborate with existing e-bike programs, events, and policies to maximize our reach in South Bronx communities.	NYC DOT and Mayor Adams are committed to expanding equitable access to transportation alternatives, such as e-bikes. The City currently has plans to expand bike lanes and promote access to high-quality micromobility options.

The HOPE Program (Workforce development CBO)	Oversee workforce development, lithium-ion battery charging training, participant recruitment, and job placement. Specifically, they will train one pilot cohort of 15-20 jobseekers.	Proven job training, placement, retention, and advancement programming (including a tenured staff); experience with successfully recruiting jobseekers and working with employers to ensure job placement and career success	HOPE trains job seekers for careers in the green economy. The expansion of e-mobility brings new opportunities for sustainable careers for our target population. Further, HOPE is interested in making green commuting options more accessible to their working clients who live in transit deserts.
Greater Hunts Point Economic Development Corporation (CBO)	Institutional outreach, small business outreach, employer outreach	Vast network of organizational and community-based collaborators, including its parent organization, Urban Health Plan, a large federally qualified health care network	GHPEDC seeks to improve the quality of life and the climate for small business in the South Bronx. Enhanced mobility and friction-less commutation are key quality of life indicators for both employers and workers in those communities
Transportation Alternatives (Sustainable transport CBO)	Support community and stakeholder outreach efforts and the planning and execution of events and advocacy.	TA mobilizes a network of resident activists across NYC, and effects change through grassroots organizing that amplify the voices of New Yorkers, particularly those underrepresented in urban planning processes and underserved by existing transportation systems.	TA is NYC's lead advocate for better and safer walking, biking, and public transit. We have led campaigns that brought bikeshare, the first protected bike lanes, and the world's largest automated speed safety camera system to NYC. TA played a pivotal role in the 2020 legaliza-tion of e-micromobility in NYC.
Spring Bank (CDFI and B-Corp)	Fund, promote and administer its credit-building green mobility loan, making finance accessible regardless of credit history.	Spring Bank has funding in hand from the bank's equity as well as grants from the US Treasury CDFI Fund for loan capital and to administer its e-bike loan.	Spring Bank is based in the Bronx, and a majority of its corporate and individual clients are Bronx-based
NYU Stern (Academic partner)	Support business outreach for e-bike uptake, stakeholder engagement, and tracking program effectiveness, as well as promoting the Spring Bank lending program across financial institutions.	NYU brings a global academic reputation and a community of students, faculty, and researchers whose will support data collection and evaluation. NYU has proven expertise on issues including transportation, smart cities, and sustainable urban economies.	The Invest NYC SDG Initiative at the NYU Stern Center for Sustainable Business (CSB) seeks to catalyze projects that create a more sustainable, resilient, and equitable New York City. The CSB is a founding member of the ECP.
Brightside (Industry partner)	Responsible for project marketing, media relations, and strategic partnerships with e-bike vendors.	Brightside brings a technical understanding of the micromobility industry, as well as industry connections to bolster ECP and increase its impact.	Brightside is committed to advancing equitable climate solutions in underserved communities across its consulting practice. The firm is a founding member of the ECP.
Barretto Bay Strategies (Business partner)	Responsible for outreach and engagement with Bronx anchor institutions.	BBS brings an extensive network of personal and professional connections from across the Bronx.	40 year track record of advancing economic development & sustain-able transport projects in the Bronx.
New York City Housing Authority (NYCHA)	Advise on policy research and provide program guidance. The program will also	NYCHA brings technical expertise, as well as stablished relationships with Bronx residents living in public	NYCHA is the largest public housing authority in the U.S. and many residents rely on e-micromobility to earn a living.

(Government partner)	coordinate outreach activities with NYCHA residents.	housing. By partnering with NYCHA, the ECP can ensure alignment with existing and upcoming municipal policies and initiatives.	This project aligns with NYCHA's Micromobility Plan, which plans to provide outdoor e-bike charging and storage for residents.

1.F.2.A Maintaining and sustaining partner relationships into the future

The ECP partnership came together in 2020, inspired by a shared goal of advancing environmental justice, public health, and access to green jobs through micromobility. Partner organizations are fully aligned in their deep commitment to serving communities in the South Bronx. In the nearly three years since, the core partners have met weekly to develop and implement community engagement strategies, cultivate bike shop partners, compete for funding opportunities, pilot e-bike distribution, and much more. To date, these services have been provided in-kind by each partner organization. An investment from EJCPS will further catalyze these partnerships and enable us to establish formal working agreements to sustain the work through the length of a cooperative agreement and beyond.

To sustain these partnerships, we will 1) ensure that each partner is represented by two or more staff people, ensuring continuity through staff transitions; 2) continue to meet weekly (with potential subcommittee meetings as the program ramps up); 3) formalize working agreements to ensure clarity among partners; 4) establish transparent mechanisms to monitor progress toward goals of each partner and troubleshoot collaboratively toward solutions; and 5) ensure equitable recognition across all partners to celebrate each organization's investment in a healthier and more economically sustainable South Bronx.

1.F.2.B. Compliance with EPA's Subaward Policy + Participant Support Costs

Empire Clean Cities employs a Fiscal Policies and Procedure Manual (FPPM) to ensure that financial statements conform to generally accepted accounting principles; assets are safeguarded; regulations or guidelines of grantors and donors are followed; and that finances are managed with accuracy, efficiency, and transparency. The FPPM was approved by the United States Environmental Protection Agency (US EPA) and a pre-award assessment in September 2022 and complies with the EPA's subaward policies.

As outlined in our FPPM, ECC uses Quickbooks Online to manage organization and grant budgets and finances. ECC's Executive Director will serve as Project Manager for the life of the project and will be responsible for executing subawards with each project partner, and implementing a cost management plan that will be incorporated into the overall project management plan. The Executive Director will present and review the project's cost performance during monthly meetings. She will also be responsible for accounting for any projected cost deviations and for presenting these anticipated changes to both the project team and the assigned EPA Program Manager. All budget authority and decisions, including reporting and accounting, will reside with the ECC. Finally, ECC will provide oversight for all procurement activities under this project and provide detailed guidelines on associated CFR Part 200 in each subaward agreement. ECC will oversee vendor selection to ensure transparency, price competitiveness, product safety, and service quality. ECC will also evaluate vendor performance and communicate its findings in its quarterly reporting and other communications with the EPA.

2. PROJECT ACTIVITIES / MILESTONE SCHEDULE

2.A. Project Activities

ECP Accelerator will increase awareness, demand, and safe adoption of e-micromobility in lower income South Bronx neighborhoods through (i) community and workplace outreach, (ii) connecting New Yorkers to an accessible, credit-building loan, and (iii) advancing lithium-ion battery education in workforce training programs.

(i) Build demand for e-bikes through outreach, strategic marketing, and high-leverage partnerships. The ECP will build demand for e-bikes through collaboration with employers, unions, social justice coalitions, NYCDOT, and NYCHA, as well as bike shops and manufacturers that sell UL-certified e-bikes. We will promote uptake and build rider confidence through e-bike demonstration and training events that "bring the bikes to the people." Events will introduce participants to e-bikes, foster safe and respectful riding skills, and nurture community among riders. The ECP team will capture rider stories as well as data about rider trends and program impact, including carbon emissions and air quality benefits, collected through tracking tools such as the National Renewable Energy Laboratory's "e-mission" smartphone app, which is currently being used to track e-bike impacts in Colorado. The ECP team will spread these learnings via social media, the press, and aligned advocacy groups. Finally, we will provide regular briefings to government agencies and elected officials working on e-bike legislation and policy. **RESULTS:** More e-bike users in South Bronx communities, new partnerships with bike shops and other distribution partners, support for e-bikes through city and state legislation and policies. For details on milestones and deliverables, see table in Section 2.B.

(ii) Improve financial access by connecting South Bronx residents to low-interest financing and other available incentives. The ECP will increase financial access to e-bike ownership by connecting participants to Spring Bank's credit-building loan program, as well as government incentives (if/when they are adopted) and employer incentives (e.g., commuter benefits that may be used for e-bikes). The ECP will conduct outreach and strategic marketing to build awareness of the loan (see initiative i, above), and build new partnerships between Spring Bank and South Bronx employers such as Montefiore Medical Center and Bronx Works. **RESULTS:** New employers onboarded into Spring Bank's employee loan program, more individuals signed up for Spring Bank's stand-alone e-bike loan, and greater access to e-bikes in program area communities. For details on milestones and deliverables, see table in Section 2.B.

(iii) Upskill New Yorkers for green jobs in the rapidly growing micromobility industry through The HOPE Program's workforce development training. Lithium-ion battery handling and maintenance is an emerging career sector, aligned with local and federal environmental goals, and one which will provide family-sustaining wages to individuals without college degrees. Expanding this skilled workforce will ensure safety in a rapidly expanding market: the micromobility industry is expected to grow to $300-500 billion by 2030. The HOPE Program, a workforce development organization with a 40-year track record of preparing New Yorkers with barriers to employment for lasting careers, will provide 1) access to individuals in transit deserts who would benefit from participation in the loan program and 2) ongoing training, placement,

and support for New Yorkers to support this industry. **RESULTS:** Greater access to workforce training in program area communities, individuals upskilled and/or placed in green jobs in the micromobility industry. For details on milestones and deliverables, see table in Section 2.B.

2.B. Milestone schedule for two-year ECP Accelerator program

Year	Milestone	Associated Deliverable	Anticipated Deadline
(i) Build demand for e-bikes through outreach, strategic marketing and high-leverage partnerships			
Y1	Execute Award with EPA	Executed Award Agreement	November 2023
Y1	Execute Subawards with Partners	Executed Subcontracts	December 2023
Y1	Finalize outreach and events strategy	Priority outreach list and initial event calendar completed	Jan. 2024
Y1	Finalize strategic marketing and policy strategy, including concierge program	Marketing and policy strategy work plan finalized	Jan. 2024
Y1	Finalize rider safety + maintenance training materials	Finalized materials	Feb. 2024
Y1	Implement calendar of rider safety and maintenance training events for e-bike users in collaboration with bike shops	Training sign-ups and feedback	Mar. - Nov. 2024
Y1	Plan and execute calendar of group rides in collaboration with employers and bike shops and community events	Event registration and post-event surveys	Mar. - Nov. 2024
Y1	Develop research strategy, and surveys, and other data collection tools	Finalized research strategy and tools	Mar. 2024
Y2	Distribute, collect, and analyze rider stories data and data participant surveys	Results used in marketing and policy materials as well as in annual summary of findings completed research reports	Mar. 2024 - Dec. 2025
Y1 + Y2	Organize and hold meetings and events with policymakers to update on progress and share findings	New partnerships formed New programs and policies shaped	June 2024 - Dec. 2025
(ii) Improve Financial Access By Connecting Bronx Residents to Low-Interest Financing and Other Available Incentives			
Y1	Develop materials to support outreach/enrollment for employers and loan candidates	Materials and websites updated	By Jan. 2024
Y1	Engage Bronx-based institutions to develop partnerships with Spring Bank's employee loan program	Meetings scheduled and outreach conducted	Jan. - Nov. 2024
Y1	Enroll 10 new institutions in Spring Bank's e-bike employee opportunity loan program	Finalized enrollments with Spring Bank	June 2025
Y1	Recruit and onboard at least five UL-certified	Agreements with bike shops	Jan. - Dec. 2024

	bike shops to offer the loan		
Y1	Distribute materials and train bike shop staff on the loan	Certificates of completion for 15 staff members	Apr.2024-Dec. 2024
(iii) Upskill under and unemployed New Yorkers through The HOPE Program's workforce development training			
Y1	Finalize micromobility workforce development curriculum	Finalized curriculum	By April 2024
Y1	Host workforce training cohort for 15-20 jobseekers and provide job placement assistance	Post-training surveys, job placements secured (with a 75% placement rate)	Jan. - Dec. 2024
Y1 + Y2	Provide retention and advancement assistance to placed participants	90-day job retention rate of at least 90%, employees advanced	June 2024-Dec. 2025

2.C. Itemized Budget Sheet / Budget Narrative: See Attachment 1: Budget

3. ENVIRONMENTAL RESULTS + LOGIC MODEL

3.A. Environmental Results (Logic Model): All environmental results and included in attachment 2: Logic Model.

3.B. Performance Measurement Plan

Empire Clean Cities will be responsible for ensuring that milestones and reporting requirements are met. In collaboration with the ECP partners, the team will monitor project progress throughout the grant period, using metrics to course-correct as needed. Key project touchpoints will include a project initiation meeting, weekly all-team update meetings, data and impact tracking by activity, and community feedback collection at events. Methods are detailed below.

Touchpoint	Frequency	Tracking Mode/Method	Partner Org Responsible
Project Kickoff	One-time	Meeting Notes and Project Management Plan (PMP)	ECC
Check-in meetings	Weekly	Agendas/Action Items	Brightside
Tracking e-bike adoption and distribution.	Ongoing	Google spreadsheet to track coupons, sales and maintenance requests from bike shops to keep up with demand and address distribution issues as they arise	Spring Bank
Update meetings, including status reports, enrollment data from Spring Bank loan programs	Monthly	Data pulled from Spring Bank loan monitoring system	Spring Bank
Tracking rider stories, trends, and	Quarterly	• Participant surveys and interviews	NYU Stern

impact data		• National Renewable Energy Laboratory (NREL) "e- mission" smartphone app	
Tracking indirect (non-loan program) e-bike uptake through survey and outreach data	Quarterly	Data reports	Greater Hunts Point EDC
Evaluating participant and partner surveys from training and ride events to ensure accessibility, clear communication, and address obstacles to participation	Following relevant events	Spreadsheet with survey results	HOPE Program, Transportation Alternatives, ECC

3.C. Sustainability Plan and Community Vision

ECP Accelerator will advance transportation, environmental, and economic justice by creating broad access to e-bike ownership for disadvantaged New Yorkers in the South Bronx and building demand for e-bike uptake. By doing so, the ECP will create a powerful constituency for equitable and sustainable mobility in NYC, New York State, and nationwide. Success will empower New Yorkers in these communities to overcome the impact of living in transportation deserts that have contributed to increased transportation emissions, hindered economic advancement, and elevated rates of chronic disease. The program will help ensure EJ communities benefit from the micromobility revolution, and create a model for broader uptake.

The ECP Accelerator team's knowledge of the history, needs, challenges, and opportunities of the South Bronx comes from decades of direct experience. Spring Bank understands local financial challenges and opportunities: headquartered in the South Bronx, the Bank has helped over 3,000 borrowers establish or improve credit, expanding financial opportunities and bringing mortgages and loans within reach. Transportation Alternatives understands local demand for alternative transportation options, as demonstrated through its management of a mutual aid program that connects New Yorkers to donated bikes. The program has uncovered high demand for access to cycling and helped 500+ frontline workers access bikes. The HOPE Program understands opportunities for job creation, especially within the green economy, in ECP priority communities: HOPE has connected New Yorkers with nearly 4,000 jobs over the past decade and consistently achieves 75-80% one year retention. Barretto Bay Strategies has 40 years of work experience in the South Bronx, including curbside EVSE planning throughout the area for Con Ed and NYCDOT; freight ferry planning and implementation in association with NYCEDC; and medium duty electric truck deployment with a South Bronx wholesaler.

The ECP has engaged dozens of organizations at the forefront of community finance, workforce development, organizing and advocacy, social services, and micromobility policy. Over the grant period, ECP will continue to organize planning sessions, presentations, focus groups, and surveys to ensure the program approach addresses the long-term needs of our communities.

The ECP team will also ensure that this work will have a lasting impact beyond the grant period. In addition to attracting new riders and establishing safe riding habits, the program will help to

catalyze new lending and additional financial mechanisms, government-funded e-bike incentive programs, and expanded workforce initiatives to help grow the overall micromobility ecosystem. For example, ECP-partner Spring Bank has received $80M in low-cost capital from the US treasury to support "deep impact" lending, including the Bank's e-bike loan. The ECP team has already begun engaging other banks through the New York State CDFI Coalition, which will build statewide innovative lending interest and capacity. Robust e-bike lending programs in NYS will also depend on strong demand. An existing statewide network of bike shop retailers and active cycling advocacy organizations will provide the impetus to drive that demand, including advocacy efforts to improve bike infrastructure that welcomes and supports new riders. The HOPE Program's lithium-ion battery training program will ensure that our community retains the workforce needed to address e-bike maintenance and safety issues as the industry grows.

The underserved communities which the ECP serves are representative of many across New York State and the country, making lessons replicable. Throughout the US, lower income communities of color have long suffered from poor access to public transportation and long commutes. While affordable housing has increasingly been pushed outside the urban core where transit is limited or unreliable, more than 60% of US car trips still are under 10 miles, highlighting the potential for e-bikes to bridge transit gaps without harming air quality or adding to already congested roadways. The ECP team has already advised on the development and launch of 10 e-bike equity programs, from Denver, CO to Melbourne, Australia, and will amplify these efforts with EPA funding.

4.0 PROGRAMMATIC CAPABILITY

4.A. ECC and partners have the right experience to implement ECP Accelerator

ECC has over a decade of experience managing vehicle technology and infrastructure planning grants, collaborating with diverse stakeholders, and participating in community-engaged project design processes in New York City. In addition to providing technical assistance to fleets and decision-makers trying to adopt zero and near-zero emission technologies and reduce their emissions, ECC also shares unbiased information about the benefits of clean transportation to communities and the public through educational events, webinars, and in-person meetings with community-based organizations and local leaders. Annual, public events include a Clean Vehicle Festival in Union Square, Manhattan and an Annual Stakeholder Meeting in Flushing Meadows, Corona Park, Queens, held in conjunction with New York City's Vehicle and Equipment Show.

4.B. Staff Experience and Qualifications

4.B.1. Project Manager and associated staff's qualifications to undertake the project

Joy Gardner has served as the Executive Director of Empire Clean Cities since 2018 and has led the organization in the execution of public and privately funded initiatives to increase the adoption of clean vehicles and infrastructure. Each year, ECC has helped its stakeholders to reduce greenhouse gas emissions by nearly 100,000 tons and reduce petroleum consumption by 18 million gallons in the New York City and Hudson Valley region. Ms. Gardner holds a Master's degree in Nonprofit Management from the New School for Public Engagement and has 15 years of experience in program management, federal grants compliance, and community organizing.

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Joy is eager to continue to collaborate with ECC's partners and local communities to work towards achieving zero-emission mobility options for all New Yorkers.

Prior to joining ECC in 2021, Lauren Kesner O'Brien, the Policy and Partnerships Manager, worked with diverse coalitions on environmental justice, climate policy, and school integration in New York City. In 2022, Kesner O'Brien was accepted into the *Clean Cities Energy and Environmental Justice Initiative* (CCEEJI) hosted by Argonne National Laboratory, where she participated in a deep dive into the history of redlining and transportation planning, learned mapping and community engagement tools, and engaged with pioneering minority entrepreneurs and transportation equity experts. Kesner O'Brien is responsible for ongoing communication with elected officials and community organizations in NYC. Ms. Kesner holds a Master's degree in International Affairs from Columbia University's School of International and Public Affairs and has 16 years of experience in project management, community outreach, and communications.

4.B.2. PM's ties/historical connection to the community and the applicant organization

Since 2007, Empire Clean Cities has collaborated with South Bronx businesses and community groups to advance clean transportation technologies, equitable mobility, and innovation. Our network of trusted organizations, local businesses, and elected leaders in the South Bronx are central to ECC's approach to understanding and meeting the transportation needs of communities that have been overburdened by industrial development, traffic emissions, and environmental hazards. As previously discussed, ECC engages in regular meetings with community partners to solicit feedback about local transportation programs and policies, and evaluate project implementation to course correct, address obstacles when they come up, and ensure that clean transportation incentives reach as many fleets and stakeholders as possible.

Throughout our work in the South Bronx, ECC strives to center the needs and priorities of the tight-knit community, while also recognizing the enduring challenges of environmental inequity and economic insecurity, that impact health outcomes and well-being and have yielded undercapitalized small businesses, a disadvantaged labor force, and households with disproportionately high healthcare needs. ECP is the culmination of community conversations, agenda-setting, and a vision of zero-emission mobility that is accessible to all, that also addresses the neighborhood's poor air quality, limited economic opportunity, and isolation.

4.C. Expenditure and Compliance Plan for EPA Funds

ECC will provide comprehensive project management and administer project funds, in accordance with the EPA's pre-award Compliance Review for Nonprofit Organizations. ECC staff has extensive experience managing both incentive and demonstration projects. ECC's highly technical staff has the resources and expertise necessary to successfully implement the proposed project, including drafting a contract with appropriate terms and conditions, detailed task descriptions, and payment schedules tied to milestones to ensure all required tasks have been satisfied before any funds are paid out. In addition, ECC will closely monitor the progress of the project via telephone calls, e-mails, meetings, and site visits as well as quarterly progress reports provided by the contractors. Invoices are generally processed and paid out within 30 days of the receipt by ECC to ensure projects are not negatively affected by delayed reimbursements.

5. PAST PERFORMANCE

Empire Clean Cities is an officially designated as a US DOE Clean Cities Coalition and has over 15 years of experience managing federally and non-federal grants. Projects have included assisting fleet owners, government agencies, and community leaders implement emissions reduction strategies and promote the use of clean vehicle technologies in transportation. ECC will manage the overall project implementation and will leverage the coalition's expertise in outreach and education to document and share best practices resulting from the project. The ECC and ECP partner organizations have experience implementing both state and federal grant-funded projects, as well as the skills, network, and experience to undertake this project and produce results that will meet EPA standards.

Examples of current and past federally funded assistance agreements:

Project Title: **Clean Cities Outreach, Education and Performance Tracking**
Award #: Ex. 6 Personal Privacy (PP) | CFDA: **81.086** | Funding Agency: **US Department of Energy**
ECC provides technical assistance and targeted outreach to raise awareness and foster a greater understanding of alternative fuels and advanced vehicle technologies to increase the market and decrease petroleum dependence. Additionally, the project tracks, validates, analyzes, and reports critical information and performance metrics necessary to gauge consumer acceptance and track the growth/adoption of petroleum reduction technologies and practices in the marketplace. Reporting history: ECC provides the USDOE with quarterly technical and financial reports, as well as an annual project management plan and annual report on stakeholder's reduction in petroleum and greenhouse gas emissions in a timely manner.

Project Title: **EV WATTS**
Award #: Ex. 6 Personal Privacy (PP) | CFDA: **81.086** | Funding Agency: **US Department of Energy**
EV-WATTS collects plug-in electric vehicle (PEV) and electric vehicle supply equipment (EVSE) data, validates and anonymizes the data, and provides the dataset to the National Laboratories for evaluation, analysis, and publication of summary results. Empire Clean Cities helps to identify data partners, secure data commitments, assist in regularly collecting data, and gather supplemental information during the project. Reporting history: ECC submits quarterly data reports to the prime recipient.

Project Title: **Zero-emission Transport Refrigeration Units Replacement in Hunts Point**
Award #: Ex. 6 Personal Privacy (PP) | CFDA: **81.086** | Funding Agency: **Environmental Protection Agency**
ECC is working with two fleets and community partners to replace 19 TRUs located in the Hunts Point Produce Market of the South Bronx. The TRUs will be replaced with fully electric alternatives, powered entirely by the grid and solar electricity. Reporting history: ECC provides quarterly project updates and an annual MBE/WBE report.

6.0 QUALITY ASSURANCE PROJECT PLAN (QAPP) INFORMATION

The ECP Accelerator will collect and analyze data about e-bike awareness, ridership, and environmental and economic impact in the South Bronx. In accordance with EPA guidance, we will develop a Quality Assurance Project Plan if our project is selected for funding.

New Jersey Future, Inc.
EJCPS Detailed Budget

	Description	Total
Personnel	• Program Director @ $80,000 annual salary x 7.5% x 2 years • Community Support Organizer @ $48,000 annual salary x 100% x 2 years • Policy Manager @ $60,000 annual salary x 5% x 2 years • Advocacy Manager @ $60,000 annual salary x 6.67% 2 years	$122,000
Fringe Benefits	• Includes medical, dental, life insurance, disability, vision, health reimbursement, retirement plan match, which totals approx. 23% of personnel salaries above.	27,545
Travel	• Local mileage for personnel for partner and community engagement meetings 1,526 miles @ $0.655/mile (over 2 years)	1,000
Equipment	• A laptop computer for the Program Director and Community Support Organizer (2 @ $1,000 each)	2,000
Supplies	• 50 reams of copy paper @ $5.00 for recruitment and training materials = $150 • Miscellaneous supplies (including stationery such as writing instruments, flipcharts, markers for training workshop,. meeting refreshments, etc.) for staff on this project = $1,850	2,000
Contractual	• No contractual expenditures expected	0
Construction	• No construction expenditures expected	0
Indirect Costs	• 10% de minimis rate x direct costs ($454,940 x 10%)	45,455
Other	• Subaward to Newark Water Coalition to interface directly with residents to expand its in-home lead testing and education program within Newark's East, West and South Wards.	300,000
		$500,000

Logic Model

Building a Healthy Newark: Tackling lead poisoning in the East, South and West Wards of Newark, New Jersey

Resources/ Inputs	**Activities**	**Outputs (deliverables)**	**Audience**	**Short-term Outcomes (results)** (6-12 months)	**Intermediate Outcomes (Results)** (12-24 months)	**Long-term Outcomes (results)** (2+ years)
Staff time of Project Team NJF Program team, Finance Team and Project Team Member NWC Program team and Project manager **Funding** of $500,000 **Materials** **Curriculum** on policy advocacy skills training Research **Equipment** Lead testing supplies,Inductively Coupled Plasma – Mass Spectrometry Machine, laptops	▪ In-home media lead level testing in East, West and South Wards of Newark ▪ Workshops on awareness of lead impacts and solutions ▪Trainings for community members of east, west and south wards of Newark to become qualified lead testers ▪ Workshops on policy advocacy skill building in East, West and South Wards of Newark	▪ Conduct 8 number of home lead testing workshops and events ▪Conduct 10 number of lead awareness and knowledge building workshops - Conduct 10 trainings for lead assessor skills ▪ Provide 8 opportunities for elevating local lead remediation perspectives via statewide LFNJ meetings (Steering committee, advocacy, membership)	▪ Community members of East, West and South Wards of Newark ▪ Newark City, Essex County and New Jersey state level decision makers ▪ City, county and state partner agencies	Community members of East, West and South Wards in Newark build awareness of lead impacts and solutions Community members of East, West and South Wards in Newark increase knowledge of policy advocacy skills	▪ Increase in in-home media lead level testing by 50 homes in East, west and South Wards of Newark 300 community members in east, west and south wards of Newark build knowledge to understand impacts of lead and solutions 30 community members in east, west and south wards of Newark trained to be lead testers	Fewer homes in East, West and South Wards of Newark show lead in water,paint or soil Reduction in lead poisoning for children under the age of 5 via drop in blood lead levels Increased and more equitable funding for lead remediation programs at city level and state level

Training & Meeting spaces **Technology** (zoom, email, google suite) **Partners** NJF, NWC, LFNJ, GHHI, EOSHI Rutgers and St Stephans Church	Meetings between community members in East, West, and South Wards of Newark and city and state decision makers	Create and provide 4 community policy advocacy skill trainings for community members in East, West, and South Ward of Newark to support city policy advocacy change Facilitate 8 number of engagements between local advocates and city/state decision makers to inform lead remediation issues.		▪ Community members of East, West and South Wards of Newark engage with decision makers on lead issues such as lead paint certificate law implementation, equitable funding and workforce opportunities to become lead assessors. Local and state decision makers prioritize increase in equitable funding for EJ communities on lead remediation	Increase by 20 % in resident advocates of East, West and South Wards of NEwark participating in city and state decision making processes on lead issues.	Equitable policies on lead remediation at city level and state level that reflects EJ community needs

NEWARK WATER COALITION

LETTER OF COMMITMENT

This letter of commitment is for the Project title: Building a Healthy Newark: Tackling Lead Poisoning in the East, South and West Wards of Newark, New Jersey for primary applicant New Jersey Future as a sub awardee.

KEY PERSONNEL (RESUMES ATTACHED)

Anthony Diaz

Ex. 6 - Personal Privacy (PP)

Ex. 6 - Personal Privacy (PP)

Anthony Diaz who is the Executive Director of Newark Water Coalition with primary responsible for overseeing all programmatic activities.

Aoi Morel

Ex. 6 - Personal Privacy (PP)

Ex. 6 - Personal Privacy (PP)

Program Staff Aoi Morel, Director of Finance and Operations implements policies and procedures to ensure Newark, NJ residents receive clean, safe, lead-free water. She also oversees budgeting and financial compliance with NWC's fiscal sponsor. She brings knowledge of urban water issues, a B.S. in Finance, a passion for addressing these problems, and professional background to make a difference locally.

Ravin Ramsaran

Ex. 6 - Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

Program Manager Ravin Ramsaran, is currently our office Manager mainly manages and oversees the activities of the office including planning and hosting public events, facilitating projects, or distributing water. Ravin has experience in canvassing, leadership, event planning, community organizing and risk assessment for lead. Ravin is currently completing his degree in biomedical engineering. If awarded he will be promoted to Program Manager.

Walter Diaz

Ex. 6 - Personal Privacy (PP)

Ex. 6 - Personal Privacy (PP)

Program Staff Walter Diaz, Director of Training has 5 years of Occupational Health and Safety Training experience. His career has been focused on advocacy, community engagement, and organizing. He will support the training and expansion of the NWC lead testing and training program.

Bavisha Kaylan

Ex. 6 - Personal Privacy (PP)

Ex. 6 - Personal Privacy (PP)

Program staff Bavisha Kalyan ,Grants Coordinator, co-coordinated the 2022 NWC Mobile Lead Testing Unit as a part of her dissertation work at University of California, Berkeley. She has experience running multi-stakeholder projects in low resource settings. After completing her bachelors and master's degrees Civil and Environmental Engineering, she is currently completing her doctoral degree with a focus on conducting community-driven research when remediating urban infrastructure systems.

WORKPLAN

Timeline for Execution: 11/23 to 10/25

- Recruitment for lead assessor training using current food and water distributions and current Newark Water Coalition programming. The Newark Water Coalition will also use dedicated Lead workshops, social media and email blasts
- The Newark Water Coalition will update current Lead awareness and knowledge building workshops to present to community members.
- The Newark Water Coalition will train community members for lead assessor skills.
- The Newark Water Coalition will conduct home visits to assess lead risk.
- The Newark Water Coalition will host in conjunction New Jersey Future policy advocacy workshop skills training.
- The Newark Water Coalition will support a policy advocacy workshop skills training part 2 to support identification of city level policy barriers on lead issues
- The Newark Water Coalition will help host community policy action meetings between statewide policy collaborative Lead Free NJ Steering Committee and Advocacy members, city and state decision makers and residents
- The Newark Water Coalition will promote residents of East, West and South Wards of Newark participate in statewide policy collaborative Lead Free NJ testimony at Lead Remediation policy and budget hearings

OUTPUTS

- 50 homes tested for lead
- 25% percent of community members directly reached trained on lead risks and solutions
- 30 residents trained as lead risk assessors
- 4 workshops on policy advocacy
- 8 meetings of residents with city/ state decision-makers

OUTCOMES

- Reduced lead poisoning of residents;
- Fewer homes containing lead;
- Newark in-home lead testing staff include more residents;
- Increased state and local funding, laws, enforcement and programs for lead poisoning prevention and remediation
- More residents advocate on environmental justice issues including lead at the city/state levels

BUDGET JUSTIFICATION

The total cost for NWC services on this project will be $280,000. A staff promotion to dedicate a 100% of their time to this project as well as funds for supplies, equipment, contracts, and other costs related to the project.

Newark Water Coalition (All Amounts are over 2 years)	
Personnel: Total salaries allocated for this project is to promote Ravin Ramsaran to full time dedicate staff on this project. $100,000 over 2 years.	$100,000
Fringe benefits for Ravin Ramsaran equal $17,790	$17,790
Travel: Travel assumes all milage for workshops, community events, and research projects. 100 miles at the federal rate of .65 per mile. An estimated 100 miles were budgeted over the 2 years of the grant.	$6,500
Contractual: Contract with EPA certified lab to periodically calibrate and confirm lead risk assessment methods @$50*100 samples	$5,000
Supplies: 50 reams of copy paper @ $5.00 for recruitment and training materials = $150 ● Copy machine supplies @ $100 per month = $1,200 ● Miscellaneous lead risk assessor testing supplies (ziploc bags, centrifuge types, gloves, masks) = $2,500 ● Fume Hood @ $1,000 ● Jerrican - 2 1/2 Gallon, Blue 250 @ $10 = $2,500 ● EZ-Pour F-Style Jugs Bulk Pack - 1 Gallon 50/case 1000 @ $2.10 = 2,100 ● Milk Jugs Skid Lot - 1 Gallon 432/skid 864 @ 0.91 = $786 ● Industrial Test Systems eXact LEADQuick 486901 Water Reagent Set for Lead Testing, 6 Tests @ $79 = $474	$10,710
Equipment: ICP-MS Machine $85,000 and consumables are $20,000	$105,000
Other: $5,000 for stipends for community members for 100 community members. $20,000 for St. Stephans Church for East Ward headquarters	$25,000
Indirect Costs: Newark Water Coalition is using the indirect rate of 10% for a total of $30,000	$30,000
Total	**$300,000**

Anthony Diaz

Executive Director of the Newark Water Coalition

ST. STEPHAN'S GRACE COMMUNITY
Rev. Moacir Weirich
7 Wilson Ave., Newark, NJ 07105
Ex. 6 - Personal Privacy (PP) — Ex. 6 - Personal Privacy (PP)
Facebook: Redacted

April 12, 2023

St. Stephan's Grace Community - Letter of Commitment

This letter of commitment is for the Project title: Building a Healthy Newark: Tackling Lead Poisoning in the East, South, and West Wards of Newark, New Jersey for primary applicant New Jersey Future. As a subawardee, St. Stephan's Grace Community will act as the East Ward hub for the project. St. Stephan's church has a long history in Ironbound district of Newark. It serves all residents, but the population in the East Ward around the church consists of members who are low-income, immigrants (mainly Brazilian and South and Central American), non-English speaking (Portuguese and Spanish). St Stephan's church opens its doors by providing space and resources to community-based organizations working to support and develop community health, wellbeing, homes, and security. St. Stephan's has served as the food and water distribution site for the Newark Water Coalition over the last three years, acting as a site for community to gather, housing a food pantry, and supporting youth-driven efforts for service work.

KEY PERSONNEL

Pastor Moacir Weirich
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OVERALL PROJECT WORK PLAN WITH ST. STEPHAN'S CHURCH CONTRIBUTIONS HIGHLIGHTED

- **Site for recruitment** for lead assessor training
- **Site for recruitment** for lead awareness and knowledge building workshops
- Training for lead assessor skills
- Home visits to assess lead risk **including residents who come to Newark Water Coalition food and water distribution at St. Stephan's Grace Community**
- Policy Advocacy Workshop skills training part 1 – basic skills on understanding city and state policy processes, lead laws, and identification of political decision makers.
- Policy Advocacy Workshop skills training part 2 – supports identification of city-level policy barriers on lead issues.
- Community policy action meetings between statewide policy collaborative Lead Free NJ Steering Committee and Advocacy members, city and state decision makers and residents. **St. Stephan's leadership will be invited to advocacy meetings.**
- Residents of East, West and South Wards of Newark participate in statewide policy collaborative Lead-Free NJ testimony at Lead Remediation policy and budget hearings. **These same residents are served by the church and suffer food insecurity.**
- Statewide policy collaborative Lead Free NJ integrates resident priorities into its advocacy goals and provides city and state level policy recommendations to aid lead paint certificate law implementation and reduce barriers of entry to become qualified lead assessors. **St Stephan's and its members will serve as consultants on how to reduce barriers for entry.**

PROJECT OUTPUTS

50 homes tested for lead; 25% of community members trained on lead risks and solutions: Thirty residents trained as lead risk assessors; Four workshops on policy advocacy; and eight meetings of residents with city/ state decision-makers.

ST. STEPHAN'S GRACE COMMUNITY
Rev. Moacir Weirich
7 Wilson Ave., Newark, NJ 07105
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Facebook: Redacted

PROJECT OUTCOMES

Outcomes include: Reduced lead poisoning of residents; Fewer homes contain lead; Newark in-home lead testing staff include more residents; Increased state and local funding, laws, enforcement and programs for lead poisoning prevention and remediation; and more residents advocating on environmental justice issues including lead at the city and state levels.

BUDGET JUSTIFICATION

The total cost for St. Stephan's Grace Community's services on this project will be $20,000. St. Stephan's Grace Community will open the doors to the church space to be utilized as the headquarters for the East Ward in this project.

Rent for Space
Year 1: $5,000 Year 2: $5,000 Total: $10,000
Maintenance for Space
Year 1: $1,250 Year 2: $1,250 Total: $2,500
Utilities (electricity and water) for Space
Year 1: $1,250 Year 2: $1,250 Total: $2,500
Supplies
Year 1: $1,000 Year 2: $1,000 Total: $2,000
Other: Stipends for Community Members
Year 1: $1,500 Year 2: $1,500 Total: $3,000

Total: $20,000

The Rev. Moacir Weirich, Pastor
St. Stephan's Grace Community

LEAD-FREE NJ

April 6, 2023
Environmental Protection Agency
Office of Environmental Justice and External Civil Rights
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Dear Burney Jacob and Burrell Omari,

Lead-Free NJ Steering Committee and Advocacy Committee Chairs are pleased to voice our support for the joint application submitted by the Newark Water Coalition (NWC) and New Jersey Future (NJF) for funding under the U.S. Environmental Protection Agency (EPA)'s Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program, Funding No- EPA-R-OEJECR-OCS-23-01. Their proposed project will build collaborations for residents in local communities within Newark, to improve their health by reducing lead exposure.

Lead-Free NJ is an inclusive and equitable collaborative focused on removing lead from New Jersey's environment. The vision of the joint NWC and NJF project aligns with our mission and goals by increasing the capacity of NWC to pursue holistic lead remediation, equitable policy change, and community involvement at the community level in Newark, NJ. This grant will expand the reach, partnerships, and goals of the Lead-Free NJ collaborative.

We are excited about the potential of a EJCPS award to a partnership between a local community-based organization (NWC) and a statewide organization (NJF), so that residents can develop solutions that improve health and equity. As part of this project, NWC will interface directly with residents to expand its in-home lead testing and education program locally within East, West and South Wards of Newark. NJF will integrate local efforts to inform and expand the Lead-Free NJ collaborative's state-level and local city level policy work in lead remediation and training to equip local residents with policy advocacy skills for local change.

Thank you for your consideration of this proposal. We are pleased to be partners with NWC and NJF to advance healthy and resilient communities in New Jersey.

16 W. Lafayette St.
Ex. 6 - Personal Privacy (PP)
Website: leadfreenj.org
Email: info@leadfreenj.org

LEAD-FREE NJ

Sincerely,

Kelvin Boddy
Kelvin Boddy (Apr 10, 2023 17:59 EDT)

Kelvin Boddy, Co-Chair, Lead-Free NJ Advocacy Committee

Yvette Jordan (Apr 10, 2023 17:27 EDT)

Yvette Jordan, Co-Chair, Lead-Free NJ Advocacy Committee

Deborah A Manns

Debbie Manns, Co-Chair, Lead-Free NJ Steering Committee

Rashan Prailow

Rashan Prailow, Co-Chair, Lead-Free NJ Steering Committee

16 W. Lafayette St.
Ex. 6 - Personal Privacy (PP)
Website: leadfreenj.org
Email: info@leadfreenj.org

EPA Grant Letter of Support LFNJ Steering & Advocacy Committee

Final Audit Report 2023-04-10

Created:	2023-04-06
By:	Ronald Dukes (rdukes@njfuture.org)
Status:	Signed
Transaction ID:	CBJCHBCAABAA6TeiAUpivF0bvRBmh0xJl3RJFeA9EGa3

"EPA Grant Letter of Support LFNJ Steering & Advocacy Committee" History

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Signer kboddy@hcdnnj.org entered name at signing as Kelvin Boddy
2023-04-10 - 9:58:58 PM GMT

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Signature Date: 2023-04-10 - 9:59:00 PM GMT - Time Source: server

Agreement completed.
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Adobe Acrobat Sign

Green & Healthy Homes Initiative®

2714 Hudson Street
Baltimore, MD 21224-4716
P: Ex. 6 - Personal Privacy (PP)
F: Ex. 6 - Personal Privacy (PP)
www.ghhi.org

April 11, 2023

Jacob Burney
Division Director, Grants Management Division
Office of Environmental Justice and External Civil Rights
United States Environmental Protection Agency
1200 Pennsylvania Avenue, NW (Mail Code:2202A)
Washington, DC 20460

Dear Mr. Burney:

Green & Healthy Homes Initiative (GHHI) is pleased to voice our support for the joint application submitted by the Newark Water Coalition (NWC) and New Jersey Future (NJF) for funding under the U.S. Environmental Protection Agency (EPA)'s Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program, Funding No-EPA-R-OEJECR-OCS-23-01. Their proposed project will build collaborations for residents in local communities within Newark, to improve their health by reducing lead exposure.

GHHI is dedicated to addressing the social determinants of health, opportunity, and racial equity through the creation of healthy homes and communities. We are on the White House Get the Lead Out Partnership as well as the Steering Committee of Lead Free New Jersey. The vision of the joint NWC and NJF project aligns with our mission and goals by aiming to eradicate childhood lead poisoning through exposure and source control.

We are excited about the potential of a EJCPS award to a partnership between a local community-based organization (NWC) and a statewide organization (NJF), so that residents can develop solutions that improve health and equity. As part of this project, NWC will interface directly with residents to expand its in-home lead testing and education program locally within East, West and South Wards of Newark. NJF will integrate local efforts to inform and expand the Lead-Free NJ collaborative's state-level and local city level policy work in lead remediation and training to equip local residents with policy advocacy skills for local change.

We are pleased to be partners with NWC and NJF to advance healthy and resilient communities in New Jersey. Thank you for your consideration of this proposal.

Sincerely,

Ruth Ann Norton
President & CEO

RUTGERS
Environmental and Occupational Health Sciences Institute | EOHSI

EOHSI Building
Rutgers, The State University of New Jersey
170 Frelinghuysen Road, Room 218
Piscataway, NJ 08854

http://eohsi.rutgers.edu
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Helmut Zarbl, *D.C.S., B. Sc., Ph.D., ATS Fellow*

Director, Environmental and Occupational Health Sciences Institute
Director, NIEHS Center for Environmental Exposures and Disease
Chair and Professor of Toxicology,
Department of Environmental and Occupational Health and Justice
Research Dean.

April 10, 2023

Dear Burney Jacob and Burrell Omari,

The Environmental and Occupational Health Sciences Institute is pleased support the joint application submitted by the Newark Water Coalition (NWC) and New Jersey Future (NJF) for funding under the U.S. Environmental Protection Agency (EPA)'s Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program (EPA-R-OEJECR-OCS-23-01). The proposed project will build collaborations for residents in local communities within Newark, to improve their health by reducing lead exposure. EOHSI has a long history of community-engaged research including in the area of lead (Pb) contamination in water, soil, household dust, etc. We have significant experience and state-of-the art instrumentation for analysis of lead in biological samples (blood, urine, hair and teeth), and therefore can provide expert support to the proposed project.

Our institute promotes broad understanding of health effects associated with environmental and occupational chemical exposures and psychosocial stressors, including racism, the built environment, environmental injustice. Through its six Divisions, EOHSI supports basic and clinical research that strive to mitigate risk and improve environmental health. The mission of CEED is to promote health and reduce environmental diseases by identifying and modifying interactions between the host, environmental toxicants, psychosocial stressors, and social constructs, as well as accelerators and amplifiers (e.g., climate change, microbiome, etc.) that may increase resilience or exacerbate adverse health effects in vulnerable populations. To accomplish this mission, Institute scientists detect and measure exposures of concern, perform risk assessments to determine which exposure poses health risks, use toxicology to determine the mechanisms hat underly toxicity. We then use this knowledge to develop mechanistically based intervention and prevention strategies to reduce and mitigate risks.
Most importantly, we perform our research through community engaged research that includes members of the affected communities in all phases of research. We also help communicate our finding to affected populations, advocacy groups, policy makers, regulators and legislators, providing knowledge empower their ability to advocate for change that improves the health of affects populations and communities.

EOHSI also provides graduate training programs for Ph.D. and postdoctoral students and Occupational Medical residents, supports an environmental and occupational medicine clinic, provides educational programs for various professional and non-professional groups, outreach to affected communities, and the development of public health policies related to environmental issues.

The vision of the joint NWC and NJF project aligns with our mission and goals by:

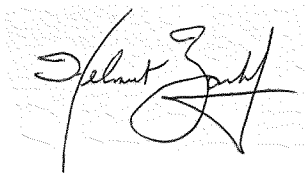
Working with the lead impacted neighborhoods in Newark

Educating residents and community-based organizations on the need for lead testing and remediation
Developing and expanding state and local environmental health policy

We are fully supportive of the potential of an EJCPS award to a partnership that invlves a local community-based organization (NWC) and a statewide organization (NJF), In addition, EOHSI will make our scientists available as advisors and potential research partners moving forward. so that residents can develop solutions that improve health and equity.

Thank you for your consideration of this proposal. We are pleased to be partners with NWC and NJF to advance healthy and resilient communities in New Jersey.

Yours sincerely,



Helmut Zarbl, PhD, ATS Fellow

Jyoti Venketraman

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Profile

Experienced leader with expertise in public health, health policy, water infrastructure, and equity. Passionate about using data for social change. Skilled in project and people management, program development, program evaluation, data analysis, diverse stakeholder engagement, and organizational diversity, inclusion, equity, and justice facilitation and implementation.

SKILLS SUMMARY

- Program development, program management & program evaluation
- Strong intersectional equity analysis lens
- Strong public health and health policy lens
- Quantitative problem solving through research and data analysis
- Strong written, verbal, and interpersonal skills demonstrated through both independent and team work
- Comprehensive knowledge of Microsoft Office, Adobe, GIS(Basic), Canva, SPSS
- Bilingual skills in English and Hindi

EXPERIENCE

New Jersey Future, New Jersey
Director of Collaborations and Organizational Equity 11/2022- present
***(Program Manager* - 06/19-11/22)**

- Co-lead Collective impact program areas with primary responsibility for overseeing Lead-Free NJ, Sewage-Free Streets and Rivers, and the data dashboard Jersey WaterCheck. Convene, consult, and facilitate diverse stakeholders to inform water quality and water infrastructure transparency metrics.
- Provide project management and policy support to research projects at New Jersey Future where relevant.
- Communicate and promote work through presentations, blogs, and factsheets
- Lead and facilitate organizational Diversity, Equity Inclusion and Justice initiatives
- Lead, recruit and hire staff and supervision of select teams where relevant.
- Senior Fellow Environment Leadership Program DEWN cohort 2020

New Jersey Coalition Against Sexual Assault, New Jersey
***Manager* 2009- 2019**
Progressive leadership oversight of a diverse portfolio of projects that required applying a public health approach to violence prevention. Created and implemented primary prevention programs, utilized program evaluation data to improve programs and synthesized and disseminated best practice research. Presented at national and regional conferences. Convened, consulted, and facilitated collaborative partnerships with multisector state and national stakeholders to expand access to services and achieve policy change at local and state level.

Women of Color Policy Network, NYU Wagner, New York
Asst. Research Scientist 2006- 2009
Conducted policy research, data collection, and analysis for a series of reports. Analyzed policy and developed content for the policy committee of the Women's HIV Collaborative of New York. Created fact sheets for the "Women living with HIV & Aids in NYC" study, 2009. Managed and supported data repository on multiple data sets. Provided content management for the website.

United Healthcare India, Mumbai, India
Provider Relations & Network Development Executive 2001- 2003
Supervised contracting with medical providers, establishing relations, and managing financial payments to healthcare providers across Southern India. Monitored and enhanced the quality of the provider network. Supervised provider compliance to service protocols. Assisted in development and implementation of quality protocol for Diagnostic Center Network & General Physicians.

EDUCATION
New York University, Robert F. Wagner School of Public Service
Master of Public Administration- Health Policy

Indian Institute of Health Management Research University, Jaipur, India Post Graduate Degree (MBA)

University of Pune, India
Bachelor of Science, Microbiology

Heather L. Sorge
Ex. 6 Personal Privacy (PP) Trenton, NJ 08610
Tel: Ex. 6 - Personal Privacy (PP) Ex. 6 - Personal Privacy (PP)

OBJECTIVE: To utilize my organizing skills, contacts, legislative knowledge and experience to continue advocating for the health and safety of NJ children and families.

EXPERIENCE

Program Manager, Lead-Free NJ, New Jersey Future **March 2021 – Present**
Currently, I am the Program Manager for Lead-Free NJ (LFNJ) a statewide collaborative that works to ensure that New Jersey's children are free from lead poisoning and that our environment is lead-safe by advocating for changes to state and local policy alongside lead affected community groups and residents.

Organizer, Healthy Schools Now, NJ WEC, Trenton, NJ **October 2018 – March 2021**
I served as the organizer for Healthy Schools Now (HSN), a coalition of over 80 organizations representing a diverse set of stakeholders including public school advocates, parents, social justice leaders, faith leaders, and environmentalists dedicated to ensuring all New Jersey children and school employees learn and work in safe, healthy, modernized school buildings. My work included addressing issues such as NJ SDA reauthorization, lead in paint and water, temperature control in schools, mercury in flooring, mold, asbestos, and most recently Covid-19, through legislation.

Secretary, Holland Township Municipal Agricultural Committee **March 2016 – March 2020**
As the secretary, it was my responsibility to attend monthly meetings for the Holland Township Agricultural Committee. Our committee focused mainly on farmland preservation and opposing the PennEast pipeline. I took minutes and submitted them to the Holland Township Committee. Once approved, I posted approved minutes to the municipal website. Additional responsibilities included updating municipal records, filing necessary paperwork, and notifying committee members of meetings and important documents.

PT Organizational Development Consultant, NJEA, Trenton, NJ **June 2017 – October 2018**
As a part time OD Consultant, I was assigned to assist with many types of organizing projects. Some of these projects included work around anti-privatization efforts, school health and safety, campaign promotions, organizing rallies, electoral training, data collection, and developing and facilitating trainings to members at the state, local, and national level.

Regional Lead, NJEA Fellow Program, Bridgewater NJ **July 2017 – August 2017**
I was responsible for working with a team of over 25 NJEA Summer Fellow colleagues as we continued our efforts for a second year, this time to reach members on electing Ambassador Phil Murphy, who was NJEA's Political Action Committee (PAC) endorsed candidate for governor, and Fran Grenier, their PAC endorsed candidate who was challenging Senate President Steve Sweeney in the Third Legislative District (LD 3.) I utilized VAN to create phone bank lists and canvass areas as well as participate in these activities. I also worked with our team to organize events to hold 1:1 conversations and recruit over 250 volunteers.

Regional Lead, NJEA Fellow Program, Stanhope, NJ **July 2016 – August 2016**
This was a part-time, temporary position created to assist NJEA with getting SCR-2 on the ballot to obtain fair, quarterly pension payments. The job direction changed to one of voter awareness, after
Senator Sweeny failed to keep his promise and post the bill. I was responsible for a team of over 30 full time and part time fellows in the NJEA Stanhope Regional Office as we phone banked, canvassed, and wrote postcards to members. Our team also organized three successful rallies and multiple events during this time.

Paraprofessional, Holland Township BOE, Milford, NJ **September 2008 - October 2018**
I taught phonics lessons to students in kindergarten using the Wilson Reading Program and Fundations program who were identified by their teacher as needing extra support. Over my ten years of service, I also worked with Preschool – 8th grade students where I provided 1:1 aide support, in-class support, and worked in the autistic classroom. My duties were to assist each student as needed and make sure that they were safe at all times.

EDUCATION

Churchman Business School, Easton, PA
Associate Degree in Accounting Finance, Awarded 1995

Warren County Community College, Washington, NJ

Working Toward BA in Elementary Education

Raritan Valley Community College, North Branch, NJ
Coursework completed in the areas of Psychology & Sociology, Attended 1990-1992

ORGANIZATIONS & COMMITTEES

- NJEA DA Alternate for Hunterdon County – **2016-2018**
- Education Committee Member of the Holland Township Board of Education **2007- 2018**
- NJEA (New Jersey Education Association) Member **2008-2018**
- Chair LAT Holland Township Education Association (HTEA) **2014-2018**
- Chair ESP Committee HTEA (Holland Township Education Association) **2014-2018**
- Chair Rep. Council for HTEA @ HCEA (Hunterdon County Education Association) **2014-2018**
- Chair HTEA PRIDE/Community Outreach Committee **2015-2018**
- Chair Communications Committee (HTEA) **2016-2017**
- Action Team Member HTEA Ad-Hoc **2015-2016**
- HTEA Constitution Committee Member – **2017-2018**
- HTEA Grievance/PR&R Committee Member - **2018**
- National Council for Educational Support Professionals (NCESP) **2016-2018**
- C.E.R.T/O.E.M Member (Community Emergency Response Team) **2014-2020**
- Hunterdon County Democratic Party Member-**2016-2020**
- Ready to Run Participant **2016**
- Member of the Holland Township PTO **2001-2018**
- Member of United Steelworkers (USW) 397 **2018-2021**

AWARDS/HONORS

- Awarded ESP (Education Support Professional) of the year at Holland Township School, NJ 2015-2016
- Awarded ESP (Education Support Professional) of the year for Hunterdon County, NJ 2015-2016
- Elected to serve as New Jersey's Representative for ESPs at NEA's (National Education Association) Conference in Orlando, Florida by NJEA ESP Committee 2016
- HCEA LAT Team received "Most Improved LAT" at the Legislative and Political Action Conference Award Ceremony 2016 (member)
- Two guest appearances on "NJ Educator Podcast" with Jim Boice & Jeff Bradbury
- Accepted into the Rho Chapter of the Delta Kappa Gamma Society 2016
- Featured on the TV program Classroom CloseUp for Bubbles4Autism October 2017
- Graduate of the NJEA Apprentice Program in 2018
- Lead-Free NJ was awarded the Advocacy & Organizing award from Housing and Community Development Network of New Jersey (HCDNNJ) in 2022

SKILLS

- Coalition building
- Developing presentations
- Facilitating trainings
- Networking
- Filing quarterly ELEC forms
- Organizing rallies and protests
- Constructing teams and committees (ESP, Community Outreach, Member Engagement, PRIDE)
- Creating projects to gather community support
- Phone banking
- Canvassing
- Post card writing
- Capable of using Hustle, VAN, and Mini VAN to canvass, phone bank, create lists
- Understanding of legislature/lobbying/amendment writing
- Volunteer recruitment
- Data collection and report filing
- Fundraising and grant writing
- Speech writing
- Development of communication materials (brochures, articles, flyers, letters, press releases)
- Op-Ed writing
- Editing

Redacted

Trenton NJ, 08618 | Ex. 6 - Personal Privacy (PP) | dcameron@njfuture.org

Policy Manager and Public health practitioner with a specialization in Lead in Drinking Water Hazards. Experienced team leader and public speaker. Background in community organizing and legislative advocacy.

EMPLOYMENT HISTORY

Policy Manger, New Jersey Future- Trenton, NJ
Jan. 2022 —Present

- Policy development: Craft effective solutions that center equity and racial and economic justice for lead in drinking water (primarily), green infrastructure, and other policies that affect health, water infrastructure, and redevelopment.
- Create recommendations for programmatic, regulatory, and legislative change based on analysis, stakeholder consultation, and best practice research.
- Prepare clear and convincing policy briefs, white papers, testimony, fact sheets, case studies, recommendation reports, and blog posts.
- Educate and build consensus among stakeholders, decision-makers, and potential collaborators through activities ranging from small group meetings to public speaking engagements.
- Facilitate a 30-member task force on lead in drinking water that works to identify practical, politically feasible policy solutions.
- Act as a liaison between the task force and two affiliated initiatives: Lead-Free NJ, which focuses on advocacy, and Jersey Water Works, which brings together hundreds of water practitioners.
  Prepare grant reports and proposals, with supervision from the Policy Director

Case Investigator and Contact Tracer, Monmouth County Health Department-Freehold, NJ
Oct. 2020 — Dec. 2021

- Assisted with emergency health responses to Covid-19 outbreaks
- Obtained and review patient demographic, location, laboratory, clinical, and risk information in health
- Entered data and monitored case and contact data in department
- Surveillance systems
- Determined investigation priorities, per local and statewide protocols
- Confirmed patient receipt of test results and/or diagnosis of COVID-19
- Initiated prompt communication with patients diagnosed with COVID-19 through text, phone calls, email, and other communication platforms as necessary
- Elicited social support for patients in need of food medicine or safe place to isolate

Project Development Coordinator, Prodigal Sons and Daughter Redirection Services Inc.,
Aug. 2020 — Aug. 2021

- Expanded efforts to aid in substance abuse and mental health services by proposing the use of new systems to secure funding
- Worked with the overall mission of the company in mind and sought to effectively convey and promote the company's true brand
- Worked in collaboration with the senior project manager to define project goals and establish a timeline and plan to achieve them
- Worked well independently and also with others
- Managed sourcing, screening, interviewing, and placing of candidates.

Army Food Service Specialist (MOS 92G), Bristol Armed Forces Reserve Center- Bristol, PA
Oct. 2012 — Oct. 2020

- Ensure food protection and sanitation measures are followed both in the field and in the garrison
- Receive and store food items from suppliers
- Operate, maintain and clean field kitchen equipment
- Perform preventive maintenance on garrison and field kitchen equipment to keep the kitchen running and soldiers fed

Office Assistant, Rutgers RBHS Financial Aid -Piscataway, NJ
May 2020 — May 2021

- Welcomed guests in person and on phone; answer and direct inquiries to designated offices
- Assisted students with questions and financial aid requests, log data, copy, fax, and scan documents
- Always handled sensitive information in a confidential and respectful manner
- Accurately verified information and updated information databases as necessary

INTERNSHIPS

New Jersey Health Initiatives (NJHI) | Robert Wood Johnson Foundation-Camden, NJ
Sep 2019 — Jan 2019

- Reviewed grant submissions for completeness and validity
- Camden, NJ
- **Verified applicant's potential for Policy System and Environmental change in proposed** projects
- Evaluate the quality and feasibility of healthy eating and active living school and workplace-based programs for each application

Rutgers -American Association of University Professors, New Brunswick, NJ
Apr 2019 — May 2019

- Organized statewide campaign to restore and expand funding for Educational Opportunity Fund Program
- Coordinated and attended meetings with NJ legislators from the State Assembly and Senate supporting votes for to budget cuts and partnered with Statewide organizations to expand state aid for DACA students

COMMUNITY SERVICE

Project Director, Covid-19 Literacy Relief Project-New Brunswick, NJ
Aug 2020
Lead a team of 3 to organize, collect and distribute 2,300 books to low income families in Middlesex County NJ
Raised $15,000 in funding through a crowd funding competition through the Clinton global initiative University

Volunteer-Support Staff, NJ for Haiti- Cité Soleil, Haiti
Aug 2018 — Aug 2019

EDUCATION

Master of Public Health, Rutgers School of Public Health
Sep 2018 — May 2020 Health Systems and Policy, (MPH), Public Health Nutrition (Graduate Certificate)

Bachelor of Science, Rutgers School of Arts and Sciences & Edward J. Bloustein School of Planning and Public Policy Jan 2014 — Aug 2018, Public Health (Major), Sociology (Minor)

HONORS/AWARDS

Rutgers School of Public Health, Bernard D. Goldstein Academic Excellence Award
May 2020
Associate Alumnae of Douglass College (AADC) - Edith Newsome Estarabadi Graduate Fellowship
Sep. 2021
UNITED STATES ARMY RESERVES, Army Achievement Medal (AAM) Feb. 2016

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Ex. 6 - Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

SUMMARY

Recently acquired a Master in Public Policy at the Edward J. Bloustein School of Policy and Planning at Rutgers University, with a strong focus and interest in evidence based policymaking, experience and background on program and project management, data collection and analysis and strong administrative skills. Experience at all levels of government and nonprofit.

Core Competencies

- Strong writing and analytical skills
- Program Management
- Program Evaluation

Language: Spanish (Native), English (Second language), French (intermediate level)

Computer Literacy:

- Software: R-Studio, STATA, NVIVO,
- Microsoft Office Suite
- Qualtrics, EmailMeForm, Survey Monkey, and Google Forms

EDUCATION

Edward J. Bloustein School of Policy and Planning, Rutgers University, New Brunswick, *Graduated May 2022*

- **Major:** Public Policy
- **Concentration:** Evidence based policymaking

University of Puerto Rico, Rio Piedras Campus, San Juan, PR *Graduated May 2019*

- **Major:** Political Science **/ Concentration:** International Relations

Relevant Coursework: Program Evaluation, Policy Formation, Cost-Benefit Analysis, Public Policy Advocacy

Honors/Awards/Role:

- Bloustein Dean's Tuition Scholarship (2020-2022)
- Member of Pi Alpha Alpha the global public policy, public administration and public affairs honor society
- **Selected as NJ ASPA Public Administration Student of the Year 2022**
- Spring 2022 Teaching Assistant for Applied Multivariate Methods in R at Rutgers University

Publication:

Redacted (2021). Securing the Safety Net: Lessons From Nonprofit Organizations on TANF Access During COVID-19. *Families in Society*. https://doi.org/10.1177/10443894211029596

Minority Graduate Placement Program, San Juan, PR *June 2019 – August 2020*

- MIGAP is a program sponsored by the American Political Science Association
- Methods training in: NVIVO, R-Studio, LaTex and STATA

Texas A&M Data Workshop, College Station, Texas *January 2020*

- Accepted to a two day sponsored Political Science Data Workshop
- Methods training in STATA, recode and visualize data, run regressions and asses model fit

GOVERNMENT AND RESEARCH EXPERIENCE

Social Policy and Family-Well Being Research Lab, New Brunswick, NJ

Graduate Research Assistant *September 2020 – May 2022*

- Conducted applied policy research on social welfare programs and policies, with a strong focus on means-tested, human service, and income support policies.
- Researched what barriers do families face in accessing and receiving Temporary Assistance for Needy Families (TANF) and how do these barriers differ by individual, family, agency, or county characteristics

Senate of the Commonwealth of Puerto Rico, San Juan, PR
Intern in the office of independent Senator José "Chaco" Vargas Vidot *January 2019 – May 2019*
Legislative Assistant in the office of independent Senator José Vargas Vidot *December 2019-August 2020*

- Researched different policy issue areas, legislation, and bills for the Senator and his staff
- Worked on public policy analysis and wrote legislation pieces

NONPROFIT EXPERIENCE

New Jersey Future, Trenton, NJ
Advocacy and Government Affairs Manager *January 2023 – Present*

- Coordinates and manages the organization's advocacy agenda
- Implements the organization's government affairs program by influencing and implementing state policy
- Facilitates community-oriented partnership campaigns that bridge local engagement with state policy change

Sembrando Sentido, San Juan, PR
Summer Intern *May 2021 – August 2021*

- Evaluated over 400 government contracts, created metrics for a transparency analysis of such contracts and explored statistics on equity in contracting
- Co-authored a published report on the status of funding distribution and common practices within CDBG contracting

Grupo Guayacán, San Juan, PR
Program Associate *June 2019 – August 2020*

- Mentored and coached start-up businesses
- Organized weekly business development workshops
- Prepared metrics for weekly reports on entrepreneurial growth in Puerto Rico for this nonprofit

Fundación Mochileando 100x35, San Juan, PR *Fall 2017 – Fall 2019*
Director of Educational Projects

- Co-founder of "Jóvenes Por Puerto Rico" program that offers mentorship and stipend for public school students making a difference in their communities
- Developed short and long-term projects focused on youth and adult educational support, for economically disadvantaged students

INTERNSHIPS

U.S House of Representatives, Washington, DC
Intern at Congressman José E. Serrano's office (New York 15th District) *September 2018 – December 2018*

- Researched different issue areas, legislation and bills for the Congressman and his staff
- Received constituent visits or calls and aided their needs and requests for services

Baltasar Corrada del Río Internship, San Juan, PR *June 2018 – August 2018*
Intern at Department of State in Board of Examinations office

- Assisted the director of the Board of Examinations administratively
- Received constituent visits or calls and aided their needs and requests for services from the Board

Name: Redacted
Position Title and Institution: Executive Director, Newark Water Coalition

Technical Capabilities/Subject Matter Expertise:

- Organizer for over 16 years from high school to college and professionally on multiple issues centred on water, food, and housing justice
- Serve as the Community Hub representative on the Lead-Free New Jersey, State-wide Steering committee, working alongside multiple stakeholders to advance holistic lead services, remediation, and abatement from the grassroots to state policies
- Longstanding advocacy and community work to provide basic needs and resources to the diverse populations across Newark

Experience with Similar Projects:

- Collaborated with academic institutions to organize and conducted community-science grassroots driven project to collect primary data across 300 homes in Newark capturing environmental lead sources
- Successfully managed teams of 30-50 community members and planned numerous protests and events in various cities across New Jersey.

Appointments (3 most recent):

Years	Position Title and Organization
4	Co-Founder and Executive Director, Newark Water Coalition
1	Data and Technology Manager of Bronx Prep HS/MS, Democracy Prep Public Schools
1	Bay Plaza General Store Manager, Model's Sporting Goods

Professional Preparation:

Degree	Area of Study	Years	Institution
Associates	Environmental Justice and Community Driven Research	3	Middlesex County College

Most Relevant Publications:

Textbook Chapters Due for Publication: Redacted "Engineering, Environmental Justice, and Data Science in Solidarity", Mitigating Bias in Machine Learning, McGraw Hill

Poster Presentations: : Redacted "*Machine (Un)learning as a tool for lead remediation: the missing link towards just and equitable water access*", Association of Environmental Engineering and Science Professors, June 2022.

Ravin Ramsaran

Employee
Newark, NJ
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I am a college student looking for any and all opportunities to help further myself. I have a wide variety of skills and am willing to pick up and learn anything as best I can.

Work Experience

Office Manager
Newark Water Coaltion - Newark, NJ
October 2022 to Present

Scheduling meetings and appointments, making office supplies arrangements, greeting visitors and providing general administrative support to our employees.

Lead Inspector
Newark Water Coalition - Newark, NJ
August 2022 to Present

I coordinated with a team in order to test houses for lead in its various forms; ie: water, paint, dust and soil.

Lab Analyst
Newark Water Coalition - Newark, NJ
September 2022 to December 2022

I analyzed, studied and recorded data on Lead samples.

Internship
Newark Water Coalition/Humanity's Action Lab - Newark, NJ
June 2022 to August 2022

An internship to help develop video production, networking and interviewing skills.

Education

High school diploma in Cyber Security
Technology High School - Newark, NJ
September 2017 to June 2021

Skills

- Computer Science
- Cybersecurity
- Java

- Leadership (1 year)
- Communication skills
- Community Organizing (1 year)
- Laboratory experience
- Research

Awards

BDPA NCC
July 2019

An award given to me for my skills and knowledge in The BDPA National coding competition.

Hard Work and Dedication
December 2022

I was awarded this for my continuous hard work on the clock and off the clock.

Certifications and Licenses

Certified Coding Associate
March 2016 to Present

After working and competing in coding completion and passing the certification exam.

Rutgers Mini-Med Graduate
November 2020 to Present

I Completed a medical course that educates and informs students basic life saving techniques in addition to information on the medical world.

Cybersecurity Certified
June 2021 to Present

Completion of a 3 year course and passing certification exams.

Name: Redacted

Position Title and Institution: PhD Candidate, University of California, Berkeley

Technical Capabilities/Subject Matter Expertise:

- Datascience and analysis, specifically machine learning for predictive environmental toxins such as lead and arsenic contamination of drinking water systems
- Experience using mixed quantitively and qualitative methods to address research questions.
- Formed strong community-academic partnerships with multi-level stakehodlers

Experience with Similar Projects:

- Organized and conducted a community-science grassroots driven project to collect primary data across 300 homes in Newark capturing environmental lead sources
- Participant in Berkeley's D-Lab Workshop: Data Science for Social Justice

Appointments (3 most recent):

Years	Position Title and Organization
5	PhD student, University of California, Berkeley Dept. of Civil and Environmental Engineering
2	MS student, University of California, Berkeley Dept. of Civil and Environmental Engineering, Energy Civil Infrastructure and Climate
4	Undergraduate Student, Johns Hopkins University, Department of Environmental Health and Engineering

Professional Preparation:

Degree	Area of Study	Years	Institution
PhD	Environmental Justice and Community Driven Research	5	University of California, Berkeley
M.S.	Energy Civil Infrastructure and Climate	2	University of California, Berkeley
B.S.	Water Systems: Environmental Health and Engineering	4	Johns Hopkins University

Most Relevant Publications:

Textbook Chapters Due for Publication: Redacted
"Engineering, Environmental Justice, and Data Science in Solidarity", Mitigating Bias in Machine Learning, McGraw Hill

Redacted, "Predicting childhood lead exposure at an aggregated level using machine learning. International Journal of Hygiene and Environmental Health, 238 (2022): 113862. https://doi.org/10.1016/j.ijheh.2021.113862

Poster Presentations: Redacted "*Machine (Un)learning as a tool for lead remediation: the missing link towards just and equitable water access*", Association of Environmental Engineering and Science Professors, June 2022.

Redacted

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Skills and Expertise

- Possess excellent analytical and writing skills
- Flexible, open to feedback, and committed to continuous learning
- Hone the power of building relationships with diverse stakeholders
- Highly organized and possess excellent project management skills

Professional Experience

New Jersey Future Funding Navigator Program Manager 2023 - Present

- Proactively contact and recruit water utilities that could benefit from the Funding Navigator program and review of materials used to encourage decision-makers (e.g., utility managers) to apply for funds
- Assess each utility's problems and help identify solutions, including:
  - Developing relationships with technical assistance and professional service providers, rural water associations, community-based, and other nonprofit organizations dedicated to enhancing water quality
  - Identifying short-term and long-term barriers that may need to be addressed before a successful application can be submitted
  - Preparing scopes of work, requests for proposals, and memos of understanding
  - Reviewing and helping to shape funding applications, including financing options, prior to submission
  - Creating communication strategies and tools including tool kits webinars, and next steps for utilities to use
- Help find and match technical assistance providers with utilities, including supporting utilities, community organizations, and technical assistance providers during pre-development work and tracking utilities' progress in meeting pre-development deadlines
- Track engagements and assistance provided to utilities, including documenting types of technical assistance provided and tracking data from the Water Bank. Recommend state or local policy changes that are needed to allow more under-resourced communities to successfully obtain water infrastructure funding
- Creatively supporting the FN program by identifying solutions, offering ideas for improved systems, assisting in preparation of program budget and expenses, continuing education, and completing special projects as needed and assigned

Nonprofit Finance Fund New Markets Tax Credit Specialist / Finance Associate 2021 - 2023

- Serviced 24 NMTC Loans, including loan data management, interest, fee and tax payments
- Monitored monthly payments to investors and ensure compliance with legal agreements and tax credit regulations
- Prepared all required accounting and financial reporting with third-party; coordinating and preparing work papers for annual financial audits, tax department and annual tax filings; and overseeing investor reporting
- Managed over 24 portfolios totaling QLICIs over $165 million and maintained portfolios in compliance under CDFI Fund
- Completed 26 filings for multiple state LLC status maintenance (filing fees/taxes) and corporate agent representation

Qatar Airways 2009 - 2021

Sr Sales Support Executive (2016 to 2021), Airport Services Supervisor (2011 to 2016), Airport Services Agent (2009 to 2011)

- Performed operational trade management and front-line trade support in dispute/resolution of customer discrepancies including collection efforts/chargebacks and aging debit memos with sales totaling over USD 308 million annually
- Facilitated payment and collections for over 500 accounts in North America. Ensured credit and A/R policies are followed
- Trained and onboarded new hires in applications and systems pertaining to their job roles to maximum efficiency
- Managed 25 person team for smooth airport operations in compliance with local authorities (Port Authority, DOT, FAA, & CBP)
- Managed over 150 trade accounts, over 75 back-end incentives, and over 100 front-end commission contracts
- Assisted in the opening of 7 airport stations in 4 countries; created Local Operating Procedures for all stations

Education

Kean University, Union, NJ Jan 2020

B.S. in Finance, Magna cum laude, ΛΑΣ LAMBDA ALPHA SIGMA - Academic Honors of Kean University

Leadership & Service Roles

Newark Water Coalition, Newark, NJ Director of Finance and Operations 2018 - Present

- Ensuring maintenance of the Water Boxes including testing water to ensure clean/safe water is provided to residents
- Train and onboard new volunteers for projects including the history of NWC, its mission, and operations
- Coordinate weekly food distributions to ~100 families in the Ironbound district
- Co-managed a team of 15 people to test lead exposure in 300 residents home across Newark
- Participated in a community-engaged research project with University of California, Berkeley to increase equity in decision-making processes for lead remediation services. Findings to be published in peer-reviewed journals.
- Manage accounts and grants over $700K to ensure in compliance with the fiscal sponsor

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Synopsys

15 years experience working within the community advocacy field in different capacities. Since the peak of the COVID-19 pandemic, worked as an Occupational Health and Safety Trainer, training over 500 workers and employers from diverse industries and communities through both English and Spanish languages.

Experience

Occupational Health and Safety Trainer 05/2021-11/2022
Work Environment Council, Trenton, NJ

- Works with Project Director to achieve measurable goals within specific timelines and monitoring the effectiveness of the training.
- Conducts participatory health and safety training sessions, to identify, prevent and address a variety of workplace health and safety hazards – including COVID – using the Systems of Safety approach to incident investigations.
- Maintains project documentation, helps write reports for funders and assist in the development of content for grant proposals.

Project Manager 01/2019-Present
Newark Water Coalition, Newark, NJ

- Assists in coordinating sites for the installation of the Water Box Project by Jayden Smith & his group 501CTHREE.
- Coordinates clean water and food distribution and delivery utilizing CDC health safety guidelines for the residents of Newark.

Skills
Trainings: OSHA 511 Occupational Safety and Health Standards General Industry through Rutgers University
Computer: Microsoft Word, PowerPoint, Excel, Outlook
Language: Fluent in Spanish, Conversant in Portuguese.

Education
University High School of the Humanities, Newark NJ, June 2007

Rutgers University
College of Arts and Sciences, Completed 82 credits

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E-MAIL: Ex. 6 - Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)
NEWARK, NJ 07105

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(HOME) Ex. 6 - Personal Privacy (PP)

(CELL) Ex. 6 - Personal Privacy (PP)

Work History

St. Stephan's Grace Community, Newark, New Jersey
Pastor, March 2009 to the present

The Lutheran Church of the Redeemer, Ramsey, New Jersey
Interim Pastor (part time), April 2010 to April 2011

- Roster in Evangelical Lutheran Church of America
  November 22, 2008

St. Stephan's United Church of Christ, Newark, New Jersey
Part time **Pastor,** January 2000 to December 2009.

Grace Community – Lutheran Church, ELCA, Newark, New Jersey
Mission Developer (part time)**,** November 1997 to February 2009

Transbrasil Linhas Aéreas, Porto Alegre, RG, Brazil
Air Cargo Agent and Clerk, November 1995 to August 1997

- Ordained in the Evangelical Church of the Lutheran Confession in Brazil
  September 4, 1994

Lutheran Parish in Palmitos, Santa Catarina, Brazil
Pastor, February 1992 to September 1995

Colégio Cenecista Nereu Ramos, Palmitos, Santa Catarina, Brazil.
Christian Education Teacher, March to June 1993

Education

Higher Education: **Theology**, Bachelor's Degree - 1985 to 1991
Escola Superior de Teologia da IECLB (Lutheran School of Theology), in São Leopoldo, Rio Grande do Sul, Brazil.

- Internship, July 1990 to February 1991, Lutheran Parish, Tangará da Serra, Mato Grosso, Brazil
- Exchange Student, 1989-1990, University of Marburg, Germany
- Participant, Advanced Nucleus, 1989, Vitória, Espírito Santo, Brazil

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Training

Mission Developers Training – Division for Outreach, ELCA
February 1998, Charlotte, North Carolina.

Faith-based Community Organizing Training
July 2001, The Gamaliel Foundation

Community Work and Activities

Immigration Task Group of the NJ Synod -ELCA.
Co-chair from 2005 – 2010. Since July 2010 a member of the group.

SPARK - Friends of the Riverbank Park, Newark, New Jersey.
Member of the Board – since 2001 - present

Riverfront Planning Board/Ironbound Community Corporation, Newark, New Jersey
Member of the Board - since 2007 - present

Human Relations Committee, Newark, New Jersey
Member of the Board – 2008 - 2010

St. Michael's/ St. James Hospital Community Advisory Group, Newark, New Jersey
Member of the Board – 2008 – 2010

Conference on Congregational Ministries – NJ Synod – ELCA
Workshop on Immigration – Presenter

Workshops and Adult Forums on Immigration – NJ Synod Congregations
Workshop presenter.

Community Gardens – Active coordinator at St. Stephan's Community Garden.

Newark Environmental Commission – Past member

Languages

Portuguese, English, Spanish and German

Debbie Mans Bio
Lead-Free NJ Steering Committee Co-Chair

Debbie most recently served as the Deputy Commissioner at the NJ Department of Environmental Protection, where she provided leadership and direction for many of the Department's climate change, renewable energy, and environmental justice efforts. Previously, Debbie served as Baykeeper of the NY/NJ Baykeeper, as well as an environmental and energy policy adviser to former governor Jon S. Corzine. She is the former chair of the New Jersey League of Conservation Voters, former trustee of New Jersey Future, and current member of the Borough Council in Glen Ridge. Debbie earned a certification from the International Association for Public Participation in Foundations in Public Participation.

Rashan Prailow Bio
Lead-Free NJ Steering Committee Co-Chair

Rashan Prailow is a finance consultant, speaker, community servant, and founder of consulting agency THINK Group. Formerly, Rashan served in the White House during the Obama Administration within the Office of Management & Budget and the Presidential Personnel Office. Through his community service efforts, Rashan has collaborated with the New Jersey Department of Education, New Jersey Juvenile Justice Commission, and New Jersey Courts to name a few. Rashan holds an associate degree from Camden County College, bachelor's degree from the University of Pennsylvania and a master of finance degree from Georgetown's McDonough School of Business.

Ruth Ann Norton
PRESIDENT & CEO
GREEN & HEALTHY HOMES INITIATIVE

Ruth Ann Norton is President & CEO of the Green & Healthy Homes Initiative, a nonprofit organization that is dedicated to advancing racial and health equity and opportunity through healthy housing. A national expert and advocate on green and healthy homes, she directs GHHI's groundbreaking work across the United States where 65 cities, counties and states are using housing as a platform for improved health and social outcomes. Through the implementation of the GHHI comprehensive housing intervention model and its best practices Toolbox that she helped develop, cities are improving the ability of children to arrive in the classroom healthy and ready to learn and to stay in school through reduced asthma related absences.

The architect of the State of Maryland's 99% reduction in childhood lead poisoning, Ms. Norton has developed over 45 pieces of successful healthy housing legislation that focus on reducing health disparities. Through its current feasibility and development work with healthcare partners and jurisdictions nationally, she heads a GHHI technical assistance team that is creating sustainable models for Medicaid reimbursement for preventive asthma and household injury services.

Ms. Norton serves as a member of the: EPA Children's Health Protection Advisory Committee, National Leadership Academy for the Public's Health (NLAPH), National Council of State Housing Agencies' National Advisory Group, Ohio Asthma Council, and Maryland Lead Poisoning Prevention Commission, and was previously a federally appointed liaison to the CDC's Advisory Committee on Childhood Lead Poisoning Prevention. A founding member of the NEWHAB Advisory Board, she provides a leading voice to articulate the significant health and social benefits of weatherization investments through her advisory role with Energy Efficiency for All (EEFA) and has authored research publications on the non-energy benefits of energy efficiency.

Ms. Norton is a Robert Wood Johnson Foundation Community Health Leader, a Weinberg Foundation Fellow, a WE ACT Environmental and Social Justice awardee, and received the Tony Woods Award for Excellence from the Building Performance Industry in 2016 for her efforts to integrate energy efficiency upgrades with healthy homes interventions on a national scale. Under her leadership, GHHI has been awarded the HUD Secretary's Award for Healthy Homes and the EPA's National Environmental Leadership Award in Asthma Management for its innovative programs.

Professor – NIEHS Center Director Rutgers University
School of Public HealthEOHSI – Toxicology

170 Frelinghuysen Rd Piscataway New Jersey 08854
Phone: Ex. 6 - Personal Privacy (PP) Fax: Ex. 6 Personal Privacy (PP)
Email: Ex. 6 - Personal Privacy (PP)

Biographical Info

Dr. Zarbl serves as the Director of the NIEHS sponsored Center for Environmental Exposures and Disease. He is also the Associate Director For Public Health Sciences at the Cancer Institute of New Jersey. He serves on numerous national research review and advisory panels, and editorial panels.. Dr. Zarbl is known for his work in areas of toxicogenomics, and mechanisms of and genetic susceptibility to chemical carcinogenesis, mechanisms of mutagenesis and toxicity, and technology development. These research efforts have to date resulted in over 70 scientific papers and book chapters.

Research Areas

Research has focused largely on toxicogenomics and functional genomics, carcinogenesis, molecular and cellular biology, and toxicology. Specifically this has included work understand to molecular mechanisms of chemical carcinogenesis and the genetic basis for differential susceptibility to mammary carcinogenesis using animal and in vitro model systems, and then translating the findings to human breast cancer.

Research Highlights

Studies in the rat model have included analysis of oncogene activation, mechanisms of signal transduction, and genetic linkage analysis to identify mammary tumor suppressor genes. He has also used toxicogenomics to dissect mechanisms of mechanism carcinogenesis, tumor progression and chemoprevention. His studies in the area of toxicogenomics include the development and application of standards for DNA microarray experiments, and phenotypic anchoring of response of human cells, model organisms (yeast) and target organs (rodents) to toxicants, providing insights into dose and temporal responses, as well as mechanisms of action. He is also actively involved in technology development for functional genomics and biomarker screening.

Recent Publications

1. Redacted In Vitro Bioluminescence Assay to Characterize Circadian Rhythm in Mammary Epithelial Cells. J Vis Exp. 2017; (127):. doi: 10.3791/55832. PubMed PMID:28994762

2. Redacted Valproate increases dopamine transporter expression through histone acetylation and enhanced promoter binding of Nurr1. Neuropharmacology. 2017;125 :189-196. doi: 10.1016/j.neuropharm.2017.07.020. PubMed PMID:28743636 PubMed Central PMC5585058
3. Redacted Uncoupling genotoxic stress responses from circadian control increases susceptibility to mammary carcinogenesis. Oncotarget. 2017;8 (20):32752-32768. doi: 10.18632/oncotarget.15678. PubMed PMID:28427145 PubMed Central PMC5464825
4. Redacted Redacted World Trade Center (WTC) dust exposure in mice is associated with inflammation, oxidative stress and epigenetic changes in the lung. Exp. Mol. Pathol. 2017;102 (1):50-58. doi: 10.1016/j.yexmp.2016.12.005. PubMed PMID:27986442 PubMed Central PMC5472054
5. Redacted Tracking matrix effects in the analysis of DNA adducts of polycyclic aromatic hydrocarbons. J Chromatogr A. 2016;1439 :112-23. doi: 10.1016/j.chroma.2015.10.057. PubMed PMID:26607319 PubMed Central PMC4789121
6. Redacted Enhancement of NAD?-dependent SIRT1 deacetylase activity by methylselenocysteine resets the circadian clock in carcinogen-treated mammary epithelial cells. Oncotarget. 2015;6 (40):42879-91. doi: 10.18632/oncotarget.6002. PubMed PMID:26544624 PubMed Central PMC4767478
7. Redacted Sleep interruption associated with house staff work schedules alters circadian gene expression. Sleep Med. 2015;16 (11):1388-1394. doi: 10.1016/j.sleep.2015.06.011. PubMed PMID:26498241 PubMed Central PMC4621493

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: ORGANIZACION PRO AMBIENTE SUSTENTABLE INC.

Address: PO BOX 270440

City: San Juan

State: PR: Puerto Rico Zip Code: 00928-2440

B. Unique Entity Identifier (UEI): GMPDDNA9NCM3

C. Applicant/Recipient Point of Contact

Name: Carmen Valentín Del Río

Phone: Ex. 6 Personal Privacy (PP)

Email: crvalentin@opaspr.org

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

None

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☐ Yes ☒ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☐ Yes ☒ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☐ Yes ☒ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☐ Yes ☒ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

CARMEN R. VALENTIN, EXECUTIVE DIRECTOR, CRVALENTIN@OPASPR.ORG

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

COPY OF PROCEDURES IS ATTACHED.

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Carmen Valentin	Executive Director	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Carmen | Middle Name:
Last Name: Valentín Del Río | Suffix:
Title: Executive Director
Complete Address:
Street1: PO BOX 270440
Street2:
City: San Juan | State: PR: Puerto Rico
Zip / Postal Code: 00928-2440 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: crvalentin@opaspr.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Carmen | Middle Name:
Last Name: Valentín Del Río | Suffix:
Title: Executive Director
Complete Address:
Street1: PO BOX 270440
Street2:
City: San Juan | State: PR: Puerto Rico
Zip / Postal Code: 00928-2440 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: crvalentin@opaspr.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Pilar | Middle Name:
Last Name: Gomez | Suffix:
Title: Assistant to the Executive Director
Complete Address:
Street1: PO BOX 270440
Street2:
City: San Juan | State: PR: Puerto Rico
Zip / Postal Code: 00928-2440 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: pgomez@opaspr.org

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: | First Name: Carmen | Middle Name:

Last Name: Valentín Del Río | Suffix:

Title:

Complete Address:

Street1: PO BOX 270440

Street2:

City: San Juan | State: PR: Puerto Rico

Zip / Postal Code: 00928-2440 | Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**

E-mail Address: crvalentin@opaspr.org

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: ORGANIZACION PRO AMBIENTE SUSTENTABLE INC.

* b. Employer/Taxpayer Identification Number (EIN/TIN): 66-0672254

* c. UEI: GMPDDNA9NCM3

d. Address:

* Street1: PO BOX 270440
Street2:
* City: San Juan
County/Parish:
* State: PR: Puerto Rico
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 00928-2440

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Carmen
Middle Name:
* Last Name: Valentín Del Río
Suffix:

Title: Executive Director

Organizational Affiliation:

* Telephone Number: Ex. 6 - Personal Privacy (PP)
Fax Number:

* Email: crvalentin@opaspr.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Climate Change and Resilience at Schools

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: 0000 | * b. Program/Project: 0000

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 | * b. End Date: 09/30/2025

18. Estimated Funding ($):

* a. Federal	458,865.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	458,865.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☒ a. This application was made available to the State under the Executive Order 12372 Process for review on 04/14/2023.

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☐ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: | * First Name: Carmen

Middle Name:

* Last Name: Valentín Del Río

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 Personal Privacy (PP) | Fax Number:

* Email: crvalentin@opaspr.org

* Signature of Authorized Representative: Carmen Valentin | * Date Signed: 04/14/2023

RieQqZiOLWJXumsgKyl98woBM4g=

Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

EJ Small Grants OPAS 2023

1.0
66.306
88609.00
88609.00

66.306
446086.00
446086.00

534695.00
534695.00

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48609.00
88609.00

120200.00
34886.00
4000.00
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185600.00

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76400.00
446086.00
446086.00

120200.00
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25000.00
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534695.00

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248937.00
248937.00

61683.50
61683.50

71034.50
71034.50

57834.50
57834.50

58384.50
58384.50

42631.00
45978.00

206306.00
239780.00

248937.00
285758.00

486086
48609

ORGANIZACION PRO AMBIENTE SUSTENTABLE INC.
PO BOX 270440

San Juan
PR: Puerto Rico
00928-2440

GMPDDNA9NCM3
Carmen Valentín Del Río
Ex. 6 Personal Privacy (PP)
crvalentin@opaspr.org
Executive Director
N: No
None
None
None
N: No
Y: Yes
N: No
Y: Yes
N: No
N: No
N: No
CARMEN R. VALENTIN, EXECUTIVE DIRECTOR, CRVALENTIN@OPASPR.ORG
COPY OF PROCEDURES IS ATTACHED.
Carmen Valentin
Executive Director
2023-04-14

1234-lob.pdf
application/pdf
LpQ7NdEXZtKA3Brc5IwNdTj6Qpw=

1235-501c3 (1).pdf
application/pdf
zuy1XfcgZzgvjXCh7PHIOy71Qqc=

1236-Exencion osfl Hacienda 2023.pdf
application/pdf
eEO3ndVBAeEPy14R0R+1sVCPTEA=

1237-Good Standing 2023.pdf
application/pdf
C2bLARjt5nmmcLUf4ptB+wvD1rA=

1238-Carmen Valentin RESUME 2022.pdf
application/pdf

NBXb2gz/bnMLAZeMYGgt39JsWRg=

1239-ResumeAliceColonSanabria.pdf
application/pdf
j+mKOth9UOCWigrTJ8BGC1SUrsw=

1240-EJCPS OPAS WORKPLAN 2023-25.pdf
application/pdf
onCoh8hcVOrYf2neqwjs2EqlzYo=

1241-EJ4Climate NWF Letter of Support 11-8-22 (1).pdf
application/pdf
/vbEeUp/apUQPJsY6uEDLY/Z6cQ=

1242-20221108143619168.pdf
application/pdf
+MqycfLXkljmyttQ5Qsif2unGzQ=

1243-Announcement Letter_to grantees_Organizacion Pro Ambiente Sustentable.pdf
application/pdf
JpU1ULKSV5OvCkeZUZ7Q0jxUEeo=

1244-BUDGET DETAIL.pdf
application/pdf
3FRYpG0webZJD4mxEbtDcM56m+k=

1245-Logic model.pdf
application/pdf
zOXAQhThWitq5QeF/ym9+ICXvzk=

Application
New
2023-04-14
ORGANIZACION PRO AMBIENTE SUSTENTABLE INC.
66-0672254
GMPDDNA9NCM3
PO BOX 270440
San Juan
PR: Puerto Rico
00928-2440
USA: UNITED STATES

Carmen
Valentín Del Río

Executive Director
EX. 6 - Personal Privacy (PP)
crvalentin@opaspr.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency

66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Climate Change and Resilience at Schools
1246-EJCPS OPAS WORKPLAN 2023-25.pdf
application/pdf
UHN0zFiaWnjukV9liAl3s9+p3+A=

0000
0000
2023-11-01
2025-09-30
458865.00
0.00
0.00
0.00
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0.00
458865.00
a. This application was made available to the State under the Executive Order 12372 Process for review on
2023-04-14
N: No
Y: Yes
Carmen
Valentín Del Río

Executive Director
Ex. 6 Personal Privacy (PP)
crvalentin@opaspr.org
Carmen Valentin
2023-04-14

Carmen
Valentín Del Río

Executive Director
PO BOX 270440
San Juan
PR: Puerto Rico
00928-2440
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
crvalentin@opaspr.org

Carmen
Valentín Del Río

Executive Director
PO BOX 270440
San Juan

PR: Puerto Rico
00928-2440
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
crvalentin@opaspr.org

Pilar
Gomez

Assistant to the Executive Director
PO BOX 270440
San Juan
PR: Puerto Rico
00928-2440
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
pgomez@opaspr.org

Carmen
Valentín Del Río

PO BOX 270440
San Juan
PR: Puerto Rico
00928-2440
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
crvalentin@opaspr.org

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2023-04-14T23:02:09.000-04:00
Carmen Valentin
GRANT13862071

Modelo SC 4203
Rev. 31 oct 15

Gobierno de Puerto Rico
DEPARTAMENTO DE HACIENDA
Área de Rentas Internas

Certificación de Vigencia de Exención Contributiva de Entidad Sin Fines de Lucro

Fecha:	01 diciembre 2022
ID de Contribuyente:	17666-94912
ID de Correspondencia:	L1519544640

MAYLENE PEREZ ROBLES
ORGANIZACION PRO AMBIENTE SUSTENTABLE INC
PO BOX 270440
SAN JUAN PR 00928-2440

Número de caso: 06-1101(4)-253

De acuerdo a lo establecido en la Sección 1101.01 del Código de Rentas Internas de Puerto Rico de 2011, según enmendado y conforme a los requisitos establecidos en dicha Sección, se emite esta Certificación de Vigencia para la entidad con el número de caso arriba indicado.

Esta Certificación sólo establece que la exención contributiva otorgada a la entidad, no ha sido revocada y continua vigente. Por tanto, la misma no le exime del pago del Impuesto sobre Ventas y Uso ni de cualquier deuda contributiva.

Para aclara cualquier duda u obtener información sobre este particular, puede llamar a la División de Incentivos Contributivos al Ex. 6 - Personal Privacy (PP)

Deberá entregar copia de este documento en los lugares que así lo soliciten.

Expedido el 01 de diciembre de 2022.

Roxanna Santiago Ortiz

Secretario Auxiliar
o Representante Autorizado
Áreas de Rentas Internas y
Política Contributiva

Vence el 31 de diciembre de 2023

Periodo de Conservación: Seis (6) años o una intervención del Contralor, lo que ocurra primero.

mL049
3

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: JUL 02 2015

ORGANIZACION PRO AMBIENTE SUSTENTAB
SUSTENTABLE INC
PO BOX 9300845
SAN JUAN, PR 00928-0000

Employer Identification Number:
66-0672254
DLN:
26053563001015
Contact Person:
CUSTOMER SERVICE ID# 31954
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)
Accounting Period Ending:
December 31
Public Charity Status:
509(a)(2)
Form 990/990-EZ/990-N Required:
Yes
Effective Date of Exemption:
June 10, 2015
Contribution Deductibility:
Yes
Addendum Applies:
Yes

Dear Applicant:

We're pleased to tell you we determined you're exempt from federal income tax under Internal Revenue Code (IRC) Section 501(c)(3). Donors can deduct contributions they make to you under IRC Section 170. You're also qualified to receive tax deductible bequests, devises, transfers or gifts under Section 2055, 2106, or 2522. This letter could help resolve questions on your exempt status. Please keep it for your records.

Organizations exempt under IRC Section 501(c)(3) are further classified as either public charities or private foundations. We determined you're a public charity under the IRC Section listed at the top of this letter.

If we indicated at the top of this letter that you're required to file Form 990/990-EZ/990-N, our records show you're required to file an annual information return (Form 990 or Form 990-EZ) or electronic notice (Form 990-N, the e-Postcard). If you don't file a required return or notice for three consecutive years, your exempt status will be automatically revoked.

If we indicated at the top of this letter that an addendum applies, the enclosed addendum is an integral part of this letter.

For important information about your responsibilities as a tax-exempt organization, go to www.irs.gov/charities. Enter "4221-PC" in the search bar to view Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, which describes your recordkeeping, reporting, and disclosure requirements.

Letter 5436

ORGANIZACION PRO AMBIENTE SUSTENTAB

Sincerely,

Director, Exempt Organizations

ED_016126_00001001-00002

Ex. 6 Personal Privacy (PP)
Aguas Buenas, PR • Ex. 6 - Personal Privacy (PP) • Ex. 6 - Personal Privacy (PP)

PROFESSIONAL SUMMARY

Marine Biologist with a Master in Management of Non Profit Organizations and over 8 years of experience with a 501C(3) environmental organization as Administrative Assistant/Office Manager and recently as Executive Director. Possess strong multi-tasking skills, with the ability to simultaneously work on various projects. Working continuously on professional development expect to share budget and resources management knowledge, analytical thinking, teamwork, and other skills. Experience in Federal Grant Cycle, including Pre award processes, financial and performing monitoring, request for reimbursement, close out, and audits. Moderate knowledge in Public Assistance.

PROFESSIONAL EXPERIENCE

Organización Pro Ambiente Sustentable
Executive Director
March 2022 – present

- Plan, coordinate, and carry out the necessary daily task to keep programs and the organization on track.
- Serve as the main liaison for Blue Flag Program at both the Government level and the private sector to further the program's strategy and requirements.
- Develop and carry out programs to achieve the Organization's mission and values.
- Develop the organizational culture and promote transparency and collaboration throughout the organization.
- Identify, recruit, train and develop a talented team of employees who can lead critical departments and manage strategic business functions.
- Monitor Corporation operations and ensure employees and organization practices comply with regulatory and legal requirements.
- Develop partnerships with company stakeholders, shareholders, industry regulators, and other relevant parties.
- Identify potential risks and opportunities within the organization and its environment to protect organization interests.
- Identify potential sources of investment and organize fundraising efforts.
- Represent the company at social, community, and corporate events in ways that strengthen the brand and communicate the company's message.
- Develop strategic collaborative alliances with leaders of communities, agencies, and other organizations.
- Leads development processes, which include but are not limited to grants, foundations, individuals, and corporations' donations, including cultivations, stewardship, proposal

development, and compliance.

- In charge of the management of private, state and federal funds (restricted and unrestricted) following federal and state regulations, Office of Management and Budget (OMB) policies, and Award documentation, including budgeting, award submission, financial and programmatic management, documentation, compliance, closeout and post-award processes.

San Juan Bay Estuary Program, San Juan PR Office
Manager / Managerial Assistant December
2013 – February 2022

- Support the management of the private, state, and federal funds (restricted and unrestricted) in following federal and state regulations, Office of Management and Budget (OMB) policies, and Award documentation, including budgeting, expenditure monitoring, documentation, general compliance, and post-award processes.
- Knowledge of 2 CFR Part 200- Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards.
- Prepare and manage reimbursement documentation for State Revolving Funds.
- Analyze quotes from vendors and service providers, support price negotiations, and verify the availability, allocability, and allowability for management review.
- Process purchases orders on goods and services, prepare requisitions, and documentation
  for payments from the appropriate fund source and assist with any discrepancies on invoices or delivery from the approved purchase order.
- Maintain contractual and financial records for acquisitions and payments as established by the Corporation policies and procedures to comply with periodic audits.
- Develop office procedures and systems for personnel, including accounts payable purchases, payroll, and office equipment used to allocate all charges appropriately among all funds and grants.
- Support the mission of the San Juan Bay Estuary Program and the implementation of its Comprehensive Conservation Management Plan (CCMP) to complete the
  annual work plan activities including field activities, education, and others as needed.
- Organize and coordinate office administration and procedures to ensure organizational effectiveness, efficiency, and safety.

RR Electric Motor Corp,
Canóvanas Manager
April 2013 – December 2013

- In charge of management procedures including bookkeeping, payroll, purchasing, payments, and compliance with state and local agencies.
- In charge of 10 employees and human resources procedures.
- Provided support to customer service and sales department.

EDUCATION

Master of Science in Management of nonprofit organizations
Universidad del Sagrado Corazón
San Juan, PR June 2021

Bachelor of Science in Coastal Marine Biology
Universidad de Puerto Rico, Humacao, PR
December 2009

Commerce School - Secretarial Program
Lorenzo Coballes Gandía High School
May 2004

CERTIFICATIONS, ASSOCIATIONS, CONTINUED EDUCATION, AND OTHER

- Member of the National Grant Management Association (NGMA), 2018 – present.
- Seminar on COVID-19 Relief Funds Reporting Lessons Learned, June 2022. NGMA (1 CPE).
- 40 Contact Hour Understanding Program Management Alpha – March 25, 2022. Phase 3 Capacity Building Catalyst (P3CBC) training series hosted by EDA in its role as leader of the DR4339 Economic Recovery Support Function (ERSF) for Puerto Rico, and in collaboration with Novaces, LLC.
- 40 Contact Hour Project Management Excellence Workshop - March 11, 2022. Phase 3 Capacity Building Catalyst (P3CBC) training series hosted by EDA in its role as leader of the DR4339 Economic Recovery Support Function (ERSF) for Puerto Rico, and in collaboration with Novaces, LLC.
- Member of the National Association for Interpretation (NAI), September 2019 – 2021.
- Certified by NAI as Interpreter, September 2019.
- Grants Management Body of Knowledge Training, NGMA - September 16-17, 2020.
- Seminar on COVID Allowability Documentation and How to Avoid Audits Findings, August 2020. NGMA
- Seminar on Guides for the management of human resources in the face of COVID-19 and discussion of pandemic labor laws, August 2020. ECIJA/AFC
- Seminar on creating a Strategic Plan for Your Grant Office, April 2019. NGMA
- Seminar on Improper Payments – Background, Requirements and Preventive Strategies, November 2018. NGMA
- Federal Grant Training, June 2017. USEPA PR
- EPA Management Training for Non-Profit Applicants and Recipients, March 2017. USEPA
- Seminar on basic work legislation and its application to the workspace, October 2016. Asesores Financieros Comunitarios.
- Seminar on Grant Writing, June 2010. UPR – Humacao.

Ex. 6 Personal Privacy (PP)

Bayamón, P.R. 00957

Ex. 6 - Personal Privacy (PP)

Ex. 6 - Personal Privacy (PP)

24 de octubre de 2022

Saludos cordiales.

Es con entusiasmo que envío mi resumé para la convocatoria de Coordinadora de Programa Eco Escuelas. Poseo maestría en Currículo y Enseñanza y una certificación graduada en Educación Ambiental; con experiencia como educadora y especialista en currículo, aplicando diversas metodologías y estrategias de aprendizaje, estoy convencida de que poseo las competencias profesionales, valores y experiencia que se requieren para el puesto. Entre mis fortalezas se encuentran:

- Actividades programáticas, enlaces con la comunidad, evaluación, mentoría y supervisión.
- Diseño de propuestas, desarrollo de planes de trabajo, administración de fondos otorgados y rendición de cuentas.
- Creación de contenido, materiales y actividades en diversos formatos mediante la selección de estrategias y métodos educativos pertinentes
- Aplicar variadas metodologías de enseñanza en el currículo: inteligencias múltiples, prácticas apropiadas, currículo integrado, aprendizaje cooperativo y aprendizaje basado en proyectos.
- Promover que se reflejen los fundamentos curriculares y éticos de cada materia, que se mejoren las destrezas académicas de los estudiantes a la vez que se satisfagan sus necesidades y aptitudes individuales.
- Integrar la tecnología al currículo como medio de fomentar el deseo de investigación y responsabilidad ante el uso de los diversos medios de información.
- Establecer relaciones cordiales con los miembros de la comunidad escolar para lograr establecer un enlace positivo entre sus componentes.
- Asistir puntualmente y con regularidad, demostrando un alto compromiso con la educación de los estudiantes.

El resumé adjunto provee información acerca de mi educación, experiencia y logros profesionales, que han servido para fortalecer mis competencias profesionales. Apreciaré la oportunidad de discutir personalmente el mismo con usted, dialogar para entender mejor sus necesidades y sobre cómo puedo realizar una contribución valiosa.

Gracias por su tiempo y atención para con el mismo.

Sinceramente,

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

VISIÓN EDUCATIVA

Educadora y Diseñadora Curricular entusiasta y comprometida con experiencia demostrada en la obtención de resultados que redunden en el desarrollo integral de los estudiantes. Enfocada en desarrollar estrategias y contenido educativo efectivos en beneficios de nuestros niños, jóvenes y adultos. Dominio del diseño de programas de estudios, basados en la investigación, creatividad e innovación promoviendo el desarrollo del pensamiento crítico y aumentando el aprovechamiento académico de los estudiantes.

EXPERIENCIA PROFESIONAL

ESPECIALISTA EN EDUCACIÓN COMUNITARIA | 2018-presente
FIDEICOMISO PARA CIENCIA, TECNOLOGÍA E INVESTIGACIÓN

- Llevar a cabo el plan estratégico educativo mediante visitas informativas, llamadas telefónicas y presentaciones a organizaciones educativas, sin fines de lucro y privadas.
- Diseñar e implementar talleres de capacitación para maestros y personal de salud pública.
- Construcción de evaluaciones para charlas educativas y actividades interactivas ofrecidas a estudiantes y público en general.
- Evaluar, gestionar y monitorear la evaluación formativa y sumativa de las intervenciones ofrecidas en el Programa.
- Redacción de propuestas, informes de uso fiscal y programático por el uso de fondos otorgados.
- Diseño curricular de contenido y activades para el manual de intervención de entomología a implementar en instituciones educativas K-12 alineado con la visión de la Unidad de Control de Vectores y los estándares del Departamento de Educación de Puerto Rico.
- Colaborar con el diseñador gráfico en la creación y selección de contenido educativo pertinente y atractivo (videos, evaluaciones, infografías y actividades).
- Crear, revisar o editar variedad de textos educativos: El mosquito; cuento dirigido a niños de edad preescolar; Libros de actividades Achú 1 y 2, dirigido a niños de primaria para aumentar el conocimiento del virus del COVID; El día que la Tierra tembló; El mosquito *Aedes aegypti*, libro de actividades para estudiantes de escuela intermedia.
- Revisión y edición de módulos interactivos en línea: Biología, control de vectores y prevención de enfermedades arbovirales dirigido a estudiantes.
- Diseño, Redacción e implementación de contenido y laboratorios para el manual: Aprendizaje Basado en Proyectos de la Unidad de Control de Vectores de Puerto Rico dirigido a profesionales STEM, educadores y maestros.
- Diseño. Redacción y edición de contenido de la Guía de intervención: Biología, ecología y control del mosquito *Aedes aegypti.*
- Creación del contenido del boletín mensual de la Unidad de Control de Vectores

CONTACTO

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Bayamón. P.R.00957

COMPETENCIAS PROFESIONALES

Diseño y Desarrollo Curricular / Administración de Programa Académico/ Evaluación del Aprendizaje/Desarrollo de proyectos y materiales educativos / Educación Ambiental /Supervisión Docente/Lectoescritura/Enseñanza diferenciada / STEM/ PBL/ Redacción de Informes y Propuestas/ /Análisis de datos/ Pensamiento analítico, Trabajo en equipo, Responsabilidad y Liderazgo

CERTIFICACIONES

Maestra Elemental (4to-6to) |DEPR

Especialista en Currículo| DEPR

Directora Escolar K-12|DEPR

Certificación STEM |AMGEN

National Geographic Certificate Educator

Certificación Heartsaver First Aid

Certificado Maestra Cooperadora

EXPERIENCIA PROFESIONAL

PROFESORA ARTES DEL LENGUAJE | 2017-2018
CEDIN ESCUELA LABORATORIO - UNIVERSIDAD INTERAMERICANA

- Diseñar e implementar materiales y experiencias educativas de corte constructivista, permitiendo a los estudiantes explorar y construir su conocimiento. Desarrollar una comunidad de aprendices en la sala de clases, fomentando la colaboración.
- Diseñar e implementar planificación integrada de español y estudios sociales, de acuerdo con los principios de desarrollo y las prácticas apropiadas, de forma emergente e integrada.
- Asistir en la coordinación de actividades académicas y extracuriculares.
- Diseño y revisión de Secuencia curricular, alineada a estándares y expectativas del DEPR.
- Diseñar instrumentos de avalúo y evaluaciones apropiadas para determinar el desarrollo del estudiante.
- Mantener actualizados los registros electrónicos y documentos requeridos.
- Realizar tareas afines al rol de Escuela Laboratorio, tales como la supervisión de estudiantes practicantes y aquellos que realizan experiencias clínicas.
- Llevar a cabo reuniones periódicas con padres, tutores, orientador y administradores para dirigir y resolver situaciones de conducta o académicas.
- Asistir a talleres de desarrollo profesional y pertenecer a organizaciones educativas con el fin de aumentar el conocimiento en estrategias innovadoras de enseñanza – aprendizaje.

DIRECTORA ESCOLAR | 2011-2016
ACADEMIA SALLY OLSEN, GUAYNABO

- Liderar áreas de aspectos académicos, administrativos, evaluación y servicios estudiantiles, acorde con el modelo, visión, misión y valores institucionales.
- Seleccionar textos y materiales educativos de acuerdo con el grado y los estándares y expectativas del Departamento de Educación de Puerto Rico.
- Dirigir el comité de revisión curricular de Preescolar a Sexto grado.
- Asistir a la facultad en la implementación de nuevas tecnologías en su planificación diaria.
- Revisar y editar pruebas, evaluaciones y avalúo ofrecidos a los estudiantes.
- Proveer retroalimentación a la facultad basada en el aprovechamiento de sus estudiantes, las observaciones de clase y los planes educativos.
- Establecer expectativas del contenido curricular a cubrir durante el año escolar.
- Colaborar en el diseño del **Proyecto Escuela Verde** para concienciar a los estudiantes sobre la conservación y embellecimiento del medio ambiente.
- Proporcionar liderazgo educativo, orientación y adiestramiento a docentes.
- Encargada de reclutar, coordinar, supervisar y dar seguimiento al desarrollo de actividades docentes y de servicios complementarios.
- Introducir el Programa de Integración de la Tecnología e identificar programas educativos apropiados para la edad ampliando los objetivos curriculares.
- Desarrollo de propuestas para el desarrollo profesional docente tales como: Titulo II.

LOGROS Y DISTINCIONES

- Coordinadora de Actividades del Nivel Elemental
- Recipiente 2020 y 2022 de fondos para el desarrollo de Proyecto Educativo- Entomología (Sociedad Entomológica de América Chrysalis Fund)
- Coordinadora Periódico Escolar
- Coordinadora del Departamento de Ciencias y Español
- Moderadora del Consejo de Estudiantes
- Miembro del Comité de Asuntos Académicos
- Miembro del Comité de Revisión Curricular
- Miembro del Comité de Ciencias y Tecnologías (Middle States Association)

EDUCACION

Maestría en Artes de la Educación.
Especialidad: Currículo y Enseñanza 4-6
Caribbean University. GPA 4.00

Certificación Graduada Especialidad: Educación Ambiental
Universidad Metropolitana GPA 4.00

Programa de Certificación para Maestros de Español
Especialidad: Español Nivel Secundario,
UMET. GPA 4.00

Certificación Graduada Especialidad: Administración y Supervisión Educativa
Cambridge College GPA 4.00

Bachillerato en Ciencias de la Salud
Especialidad: Educación
Recinto de Ciencias Médicas.
Magna Cum Laude

EXPERIENCIA PROFESIONAL

MAESTRA CIENCIAS /ESPAÑOL/COORDINADORA DE ACTIVIDADES
| 2001-2011 | Colegio San Antonio, Río Piedras

- Planificar, supervisar e implementar eventos educativos para estudiantes, incluyendo: Semana de la Lengua, Semana de la Tierra, Feria Científica, Servicio Comunitario, entre otros.
- Dirigir y diseñar iniciativa de Aprendizaje Basado en Proyecto: **Techo verde espacio innovador de aprendizaje**. Fomentar la integración curricular y permitiendo la participación de los estudiantes en actividades relevantes y significativas conectadas a la vida real mediante la educación ambiental.
- Implementar experiencias de laboratorio y tecnológicas con el fin de estimular la curiosidad, creatividad y el interés en aprender, mientras se integran las destrezas de lectura y escritura.
- Planificar material educativo apropiado, variado y estimulante que enseñen las destrezas académicas, sociales y de valores de acuerdo con la etapa de desarrollo y estándares de la materia.
- Utilizar diversos métodos de avalúo y evaluación para el desarrollo del pensamiento crítico, la comunicación, reflexión y expresión de ideas.
- Proveer refuerzo mediante el diseño de tareas adecuadas para estudiantes con rezago académico o problemas específicos de aprendizaje.

EXPERIENCIAS RELACIONADAS

Ciudadanía Científica | Estuario de la Bahía SJ |2018-presente
Scorer | Operation Smile | Nicaragua |2017
Evaluadora PPAA | Pearson | 2010-2014
Tutora/Maestra Verano Académico | CSA | 2006-2009
Presidenta Comité de Padres | Programa Head Start |2000-2001
Tutora Estudiantes Bachillerato | Recinto de Ciencias Médicas |2001

DISEÑO CURRICULAR

- **Escuela de Asuntos Ambientales,** Redacted – Diseño de contenido para lecciones de conservación ambiental y sustentabilidad alimentaria: Guía de actividades para el cambio climático – Proyecto PR Geomodel.
- **Centro de Investigaciones Educativas, UPR** – Diseño de contenido proyecto: El periódico escolar: Una estrategia para la integración de las tecnologías de la enseñanza de la lectoescritura.
- **Sociedad Entomológica de América** – Crear laboratorios, cuaderno de investigación para estudiantes de escuela intermedia y guía docente para el estudio observacional del ciclo de vida del mosquito *Aedes aegypti.*
- **Unidad de Control de Vectores de Puerto Rico** – Crear e implementar charlas y manuales de intervenciones educativas K-12, proyectos y taller de capacitación para profesionales de la salud dirigido a las enfermedades arbovirales. Proyecto educativo: Boy Scouts Insect Merit Badge.
- **EcoExploratorio, Sala de Salud y Prevención** – Revisión y edición de contenido de presentaciones y actividades educativas acerca de la biología y el control del mosquito y las medidas de prevención contra las enfermedades arbovirales.
- **Ciencia al Servicio**- Diseño de lecciones PBL.
- **National Geographic** – Educator Certification – Crear unidad: My name is Aedes aegypti

DESARROLLO PROFESIONAL

Comprensión Lectora
Plain Language
Educación Virtual para maestros de Ciencias
Investigación Cualitativa
Lectoescritura
PBL
Design Thinking
STEM
Manejo de voluntarios
Sostenibilidad Escolar- SEEDs-US Caribbean Chapter
Construcción de Pruebas
Bullying
Ley 246-Maltrato Institucional
Jornada de Ciencias para maestros
Estilos de Aprendizaje
Cyber Security
APENET
Desarrollo Curricular
NAEYC- Convención
ASCD- Convención

ASOCIACIONES PROFESIONALES

Association for Supervision and Curriculum Development
2010-presente

DESTREZAS COMPUTADORAS

MS Office 365- (Word, PowerPoint, OneDrive, Excel)
Microsoft Teams
Zoom/Google Meets
Canvas
School Soft
Edmodo
ActivInspire
ArcGIS

INVESTIGACIÓN ACADÉMICA

- Ex. 6 Personal Privacy (PP) Estudio observacional del ciclo de vida del *Aedes aegypti* por estudiantes de escuela intermedia. E-poster presentado en: 42do Foro Anual de Investigación y Educación del Recinto de Ciencias Médicas; marzo 2022; San Juan, PR. Proyecto subvencionado con fondos de la Sociedad Entomológica de América.

- Ex. 6 Personal Privacy (PP) Guardianes de la Salud: Intervención Educativa Virtual contra el Mosquito *Aedes aegypti* ante la pandemia del COVID-19. E-Poster presentado en: 17th PHSU-PRI Annual Scientific Conference/1st RCMI Symposium on Health Disparities; mayo 2022; Ponce, P.R.

National Wildlife Federation
11100 Wildlife Center Drive • Reston, VA 20190-5362 • Ex. 6 - Personal Privacy (PP)

Commission for Environmental Cooperation
700 de la Gauchetière St. West, Suite 1620
Montreal, Quebec, H3B 5M2

November 8, 2022

Re: **EJ4Climate Grant Letter of Support**

To whom it may concern,

The National Wildlife Federation is pleased to submit this letter of support for *Organización Pro Ambiente Sustentable's (OPAS)* EJ4Climate grant proposal, *Resilient Schools Consortium: Transforming Puerto Rico's Schools into Hubs for Climate Resilience Education and Solutions*.

The National Wildlife Federation (NWF), a conservation and environmental education leader and the sole U.S. host of the international Eco-Schools program in the United States, has been collaborating with OPAS – which manages Eco-Schools in Puerto Rico - since 2006. NWF and OPAS have worked together with their parent organization, the Foundation for Environmental Education, to expand and strengthen the Eco-Schools program.

NWF has implemented and managed the nationally and internationally recognized Resilient Schools Consortium (RiSC) program in the U.S. since 2016 (see www.riscnyc.org). The RiSC program, and place-based curriculum, engages middle and high school students in project-based learning about climate science, impacts, justice, and resilience solutions. Through school and community-based vulnerability assessments, shoreline field trips, hands-on coastal restoration projects, and oral history projects that connect students and local residents, the program empowers youth to help build social and ecological resilience where they live. NWF staff has also developed teacher trainings that introduce educators to the curriculum, tools and activities.

RiSC has been adapted in Texas, New Jersey, and the U.S. Virgin Islands, which was slammed by category 5 Hurricane Irma in 2017. According to a USVI teacher who implemented the adapted RiSC program there, "the students learned ways to incorporate green infrastructure into their community and the importance of being resilient in the face of climate change" (see https://bit.ly/3DZw1m8).

NWF's goal is to bring RiSC to frontline/EJ communities that have been hit first and worst by extreme climate-fueled weather events and lack climate and resilience education, so that current and future generations can learn to adapt and prepare for increasingly challenging climate impacts.

Though Puerto Rico has been battered by numerous hurricanes and tropical storms, is vulnerable to extreme wind, flooding, heat and drought, and threats to its water, power and food supplies, climate, resilience and emergency preparedness education is absent from the island's educational programming and curricula. Puerto Rico's frontline communities are even more vulnerable to these impacts and have few resources with which to cope, recover, rebuild and prepare.

A newly added section (23) to Puerto Rico's Mitigation, Adaptation and Resilience Act (0033-2019) directs the Secretary of Education to "Add the subjects of Climate Change, Mitigation, Adaptation, and Resilience to the school curricula at all levels." This provides NWF and OPAS with the perfect opportunity to make a difference, especially for Puerto Rico's frontline communities.

NWF is committed to traveling to Puerto Rico, and working with OPAS on site to help them adapt the RiSC program so that it is culturally appropriate to Puerto Rico's population, history, geography, ecology, and economy. We will support local translators working with OPAS to translate the existing RiSC curriculum from English into Spanish, and will support OPAS in their efforts to see that the curriculum is adopted by the local Department of Education, thereby making it accessible to all middle and high school students on the island.

As well, we will work with OPAS to ensure that the program and curriculum can be used by schools located in frontline/EJ communities with little or no access to technology, that teacher training in these communities is culturally responsive, and that the program can continue past the grant's expiration.

The United Nations has asked all countries to include climate education in their curricula by 2025. We have no time to lose in preparing youth in vulnerable communities to become climate literate and resilient to future climate impacts.

Sincerely,

Kim Martinez

Kim Martinez
Vice President, National Education and Engagement
National Wildlife Federation
martinezk@nwf.org



OPAS
Organización
Pro Ambiente
Sustentable

Climate Change and Resilience at Schools

Submitted on April 14, 2023

Submitted by Organización Pro Ambiente Sustentable

1.0 PROGRAM OBJECTIVES

a. Project Summary

i, Project Title: Climate Change and Resilience at Schools

ii. Project Location: Puerto Rico

iii. Applicant information: Organización Pro Ambiente Sustentable Inc. (OPAS)

PO Box 270440 San Juan PR 00928
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Main contact: Carmen Valentin, Executive Director
crvalentin@opaspr.org

iv. Description of Applicant Organization

Organización Pro Ambiente Sustentable (OPAS) is a 501(c)3 nonprofit organization fully dedicated to environmental conservation and education since 2005. OPAS is the representative in Puerto Rico of the international organization, Foundation for Environmental Education (FEE), and its program Eco-Schools, Young Reporters for the Environment and Blue Flag. Our Vision is to provide communities with the knowledge to facilitate their effective integration into the analysis and finding solutions to environmental problems. Our Mission is to promote good environmental practices based on sustainable actions.

v. Are you applying for the Samll CBO Set Aside Track for $150,000 projects? No

vi. Project Abstract

In the last five years, Puerto Rico has been hit by a series of major hurricanes (Irma, Maria (2017), Fiona (2022)), related flooding and landslides, and earthquakes. These disasters have destroyed the island's power grid and critical infrastructure, caused thousands of deaths, billions of dollars in damages, and lasting post-traumatic stress. Despite these catastrophic events, and the fact that schools unaffected by hurricanes are often used to shelter the displaced, there is no climate and resilience education in Puerto Rico's K-12 schools to help students understand the root causes of climate-fueled extreme weather events, cope with the physical and psychological aftermath of such disasters, prepare for future natural hazard events, or learn about mitigation, adaptation and resilience solutions. In addition, a 2017 study by Herman et. al revealed an urgent need to increase Puerto Rico's secondary teachers' climate literacy. Among other concerning findings, 82% of the Puerto Rico science teachers surveyed erroneously thought that the depletion of the ozone layer is a primary cause of climate change, and they neglect the social, political and economic dimensions of the crisis.

Currently, Puerto Rico is experiencing one of the worst fiscal and economic crises in its history, fueled by climate disasters and – many say – dire governance. These realities have caused a massive exodus of Puerto Rican families, mainly to the continental United States, and with it,

a flight of K-12 students and professionals in search of better education and job opportunities. Since 2017, hundreds of elementary and middle schools have been abandoned, mostly in the island's rural areas (65%) relative to urban areas (35%). According to the Teachers Association of Puerto Rico, at the start of the 2022-23 school year, five years after Hurricane Maria and the earthquakes of 2020, the physical conditions of 240 public schools (out of 849) still remain critical. Although the populations of both public and private school families have been declining for years, in recent months, Puerto Rico has seen a sharp decline in student enrollment. At the same time, emigration has continued to increase - a situation that continues to decrease the availability of human capital with specialized skills on the island. There is a critical need to restore faith in the island's education system and invest in climate and sustainability education to empower the island's youth to become future leaders and professionals who will develop contingency plans and solutions to intensified climate-fueled natural disasters.

Climate change has increased the development of more severe atmospheric phenomena. The lack of climate literacy and resilience practices and behaviors at young ages creates disadvantages that put at risk some basic needs such as clean water, food, and safe housing during disasters.

On May 22, 2019, the government of Puerto Rico published Act No.33-2019 related to climate mitigation, adaptation and resilience. Article 23 (on p.49 of the Act) describes adding an amendment to the Puerto Rico Education Reform Law (Act No. 85-2018). The Article directs the Secretary of Education to "Add the subjects of Climate Change Mitigation, Adaptation, and Resilience to the school curricula at all levels." This new directive creates the perfect opportunity for OPAS to launch the RiSC program model in Puerto Rico and promote the Eco-Schools Methodology through the education public system. The RiSC program and curriculum, which focuses on hands-on projects and real-world problem-solving, was originally developed in 2017 for NYC., Since then, it has been adapted in Texas, New Jersey, and the U.S. Virgin Islands, which – like Puerto Rico - was battered by hurricanes Irma and Maria in 2017. Through OPAS' and its partners, the RiSC curriculum will be translated into Spanish and adapted to Puerto Rico's geography and community needs using two pilot vulnerable schools at Loiza Municipality thanks to the support of the Commission of Environmental Cooperation's EJ4Climate Grant during the next 2 years. Using an adapted RiSC Coastal Vulnerability Assessment, students and their teachers will audit their school buildings, neighborhoods, and critical infrastructure, to assess their school buildings, neighborhoods and communities vulnerability to extreme weather events, such as storm surge and coastal flooding, brought on by climate change. Through EPA EJCPS, OPAS will incorporate additional pilot schools to enrich the adaptation process of the RiSC Curriculum with other resiliency needs using additional social, geographics, and demographic characteristics. The final result should be a more comprehensive tool to be presented to the Department of Education for curriculum integration about climate change and resiliency.

vii. Project Type(s): Education, capacity building

viii. Special Considerations: Climate Change/Disaster Resiliency

ix. Environmental Issue: Climate Change, Disaster, Resilience

x. List of Project Partners: National Wildlife Federation, Puerto Rico State Office for Emergency Management.

xi. Will you need to develop a QAPP for your project? No

b. Environmental and Public Health information of the Underserved Community

In the last five years, Puerto Rico has been hit by a series of major hurricanes (Irma, Maria (2017), Fiona (2022)), related flooding and landslides, and earthquakes. These disasters have destroyed the island's power grid and critical infrastructure, caused thousands of deaths, billions of dollars in damages, and lasting post-traumatic stress. Despite these catastrophic events, and the fact that schools unaffected by hurricanes are often used to shelter the displaced, there is no climate and resilience education in Puerto Rico's K-12 schools to help students understand the root causes of climate-fueled extreme weather events, cope with the physical and psychological aftermath of such disasters, prepare for future natural hazard events, or learn about mitigation, adaptation and resilience solutions. In addition, a 2017 study by Herman et. al revealed an urgent need to increase Puerto Rico's secondary teachers' climate literacy. Among other concerning findings, 82% of the Puerto Rico science teachers surveyed erroneously thought that the depletion of the ozone layer is a primary cause of climate change, and they neglected the social, political and economic dimensions of the crisis.

Currently, Puerto Rico is experiencing one of the worst fiscal and economic crises in its history, fueled by climate disasters and – many say – dire governance. These realities have caused a massive exodus of Puerto Rican families, mainly to the continental United States, and with it, a flight of K-12 students and professionals in search of better education and job opportunities. Since 2017, hundreds of elementary and middle schools have been abandoned, mostly in the island's rural areas (65%) relative to urban areas (35%). According to the Teachers Association of Puerto Rico, at the start of the 2022-23 school year, five years after Hurricane Maria and the earthquakes of 2020, the physical conditions of 240 public schools (out of 849) still remain critical. Although the populations of both public and private school families have been declining for years, in recent months, Puerto Rico has seen a sharp decline in student enrollment. At the same time, emigration has continued to increase - a situation that continues to decrease the availability of human capital with specialized skills on the island. There is a critical need to restore faith in the island's education system and invest in climate and sustainability education to empower the island's youth to become future leaders and professionals who will develop contingency plans and solutions to intensified climate-fueled natural disasters.

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c. Organization's Historical Connection to Underserved Community

The Organización Pro Ambiente Sustentable (OPAS) Inc. is a non-profit organization in San Juan, Puerto Rico. Since 2005, OPAS has been running The Eco-School, Blue Flag, Young Reporters for the Environment, and Reef Check International programs, along with other initiatives aimed at educating people on sustainability and the protection of the environment. The Eco-Schools Program exposes more than 10,000 children, youth, teachers, and non-teaching staff annually to identify, analyze and solve environmental and social problems to promote sustainable development in their campus, community, and country since 2006 in Puerto Rico. Eco-Schools encourage young people to engage in their environment by allowing them the opportunity to protect it actively. It starts in the classroom, it expands to the school, and eventually, fosters change in the community at large. After evaluating their campuses, students make decisions and actions to reduce the carbon footprint of their campus. These actions may include waste reduction and/or diversion projects such as recycling, composting, material collection (glasses, clothing, electronics, etc.); biodiversity projects such as gardens, butterfly farms, and apiaries; garden projects; power projects; water projects, among others. The current network includes 24 active schools in Puerto Rico.

After hurricane Maria, OPAS joined forces with participants Eco-Schools and entities from all sectors to meet the critical needs of the population by promoting and providing sustainable aid alternatives to affected communities in the recovery process. Among others, eco-friendly water filters and solar flashlights and chargers were distributed island-wide. Seeds were also donated to help organic farmers whose crops were destroyed and for Eco-Schools to rebuild their school gardens. This helped to identify the skills needed to be developed to promote resiliency at school levels.

Eco School is a well-structured program that combines learning with hands-on experiences through an all-inclusive, participatory approach involving students, teachers, and the local community at large. This provides a platform to work on the themes and pathways of climate change and resilience, serving as a tool for the adaptation and testing of the RiSC curriculum, where the main actors are the students and teachers. The participation of students through the support of EJ4Climate, which will start in May, will provide a base for adapting the curriculum. The participation of additional schools through the EJCPS Collaborative Agreement will enrich the content making it more relevant to schools across the island and improving the final product to be presented to the Department of Education.

d. EJCPS Model:

Eco-Schools program was developed by the Foundation for Environmental Education (FEE) as a response to the needs identified at the United Nations Conference on Environment and Development in 1992. It started in Europe and became a global model for environmental education and sustainability at the international level. Eco-School was designed with a seven-step change framework for continuous improvement that incorporates the main elements of the EJCPS Model. The methods involve a wide diversity of individuals from the school community, with students playing a primary role. These seven steps are not linear and can be crossed over and revised through the cycle that usually lasts one scholar year. These steps are:

1. **Forming an Eco Committee.** The Eco-Schools Committee is the driving force behind the Eco-Schools process and represents the ideas of the whole school. It includes students, teachers, parents, and other community members. The similarity of EJCPS Model: Build upon existing leadership and experience in the community, involve students, teachers, and community members, identify partners, and build plans and goals.
2. **Environmental Review.** This is a series of audits that help the school to identify its current environmental impact and highlight areas for improvement. The similarity of EJCPS Model: Element 1- identify problems to build plans and goals. Element 2 - Gather appropriate information about issues, and conduct assessments regarding the causes of a potential solution to problems.
3. **Action Plan.** Results from the environmental review are used to design the Action Plan, forming the core of student action. The similarity of EJCPS Model: Element 2 – Identify resources that can provide technical assistance and capacities to meet goals. Educate students and teachers about the problem and involve them in formulating solutions. Element 3- Help the eco committee develop agreements. Element 4 - Establish dialogues that lead to possible partnerships, develop workplans.

4. **Monitor & Evaluate.** This is carried out to find out if the targets set by the action plan are being achieved. The similarity of EJCPS Model: Element 7- Use lessons learnend as the project proceeds, describe measures of success, periodically evaluate progress, document and share information.
5. **Curriculum Work.** Eco-Schools activities are linked to the curriculum, ensuring Eco-Schools is truly integrated within the school community. Element 3- Uses techniques for problems solution or goals achievement. Promote the dev
6. **Inform & Involve.** This involves getting everyone on board! Actions are not solely confined to the school community but are encouraged to engage community members and parents, for example. The similarity of EJCPS Model: Element 5 – Identify and engage the community and stakeholders. Identify partners to address the resources needs. Element 6 – Use strengths of partners.
7. **Eco Code.** Students collaborate to devise a statement that represents the school's commitment to the environment. The similarity of EJCPS Model: Element 4- Create common vision, goals and objectives. Element 6- Clarity commitments and plans.

e. Project Linkages

(1)Supports EPA Strategic Plan Goal 2 (Take Decisive Action to Advance Environmental Justice and Civil Rights), Objective 2.1, (Promote Environmental Justice and Civil Rights at the Federal, Tribal, State, and Local Levels).

This project's main target is to develop capacity building and climate within school communities. While Eco-School develops the capacity to tackle the climate crisis, the RiSC adapted curriculum and their pilot resilience hubs will provide a new model for climate resilience education in Puerto Rico, helping to build stronger communities prepared for the future challenges.

f. Partner and Collaborate

For the adaptation of the RiSC Curriculum and two first pilot projects, OPAS has made partnerships with the National Wildlife Federation and Puerto Rico State Office of Emergency Management under the EJ4Climate Grant from the Commission for Environmental Collaboration. The National Wildlife Federation will provide the RiSC curriculum and the technical support, knowledge, and professional development to OPAS's curriculum developers to facilitate its adaptation to Puerto Rico's reality. The State Office of Emergency Management will provide free Community Response Emergency Team (CERT) certification workshops for teachers and students. The CERT also will be provided to additional participants under the EJCPS Cooperative Agreement.

OPAS is developing additional collaboration agreements with Taller Salud, a community-based non-profit organization based in Loiza. They will serve as community liaisons supporting the recruitment and coordinating activities.

OPAS expects to have collaboration with Municipalities, Schools administrators, the Department of Education, and community-based nonprofits around participants' schools

and other entities and stakeholders as key partners to improve the implementation of this project and promote sustainability and autonomy.

2.0 Project Activities / Milestone Schedule / Detailed Budget Narrative

Activity 1. Resilient School Consortium Curriculum - additional pilots

Objectives:
Launch RiSC curriculum at one additional school during the curriculum adaptation process with participants under EJ4Climate Grant until March 2025.
Launch RiSC curriculum at two new schools during the school year 2024-25.
Design a Climate Resilience Education Guidelines to present to the Department of Education of Puerto Rico along the RiSC curriculum.

Description:

The Resilient Schools Consortium (RiSC), is a nationally and internationally recognized climate and resilience education program and curriculum that educates middle and high school students about climate science, climate impacts, climate justice and resilience solutions and provides teacher professional development. The program has been implemented in climate vulnerable communities in New York City (NYC), Texas, and New Jersey and adapted in the U.S. Virgin Islands. Puerto Rico – an island community of more than 3 million people - has been battered by climate-fueled storms and yet has no climate and resilience education programming for its 300,000 public secondary school students. An amendment to the Puerto Rico Education Reform Law directs the Secretary of Education to "add the subjects of Climate Change Mitigation, Adaptation, and Resilience to the school curricula at all levels." This creates the perfect opportunity to launch the RiSC program in Puerto Rico.

Led by *Organizacion Pro-Ambiente Sustentable* (OPAS), in partnership with two pilot schools on the Island, the State Office of Emergency Management of Puerto Rico (PR), and the National Wildlife Federation, - a RiSC program and teacher training modules will be adapted for Puerto Rico and the curriculum translated into Spanish thanks to the support of the Commission for Environmental Cooperation granted on March 2023. Students will be part of the adaptation process and will test it by executing small-scale resilience projects and sharing their newfound knowledge with students at other schools. These school-based resilience hubs will provide a new model for climate resilience education in Puerto Rico, helping to build stronger communities that are prepared for future challenges.

Through EJCPS Cooperative Agreement, one school will be added for the curriculum adaptation process during the first year to add a different perspective on social, cultural, and ecological realities. The curriculum includes lessons, activities, workshops, and/or field trips related to climate change, climate vulnerability, climate adaptation, and emergency preparedness and resilience.

On September 2024, two additional schools from different social, geographics, and needs will be added to pilot the curriculum to identify additional adaptation needs before presenting the final product and guidelines to the Department of Education.

Outputs/Deliverables

- Recruitment of one (1) additional pilot for year one.
- Recruitment of two (2) pilot schools for year two.
- Six (6) professional workshops for teachers at the pilot projects
- Six (6) field trips to sustainable community projects.
- Three (3) small-scale resilience projects at pilot school.
- Three (3) CERT certification workshops.
- One (1) Education Guidelines for RiSC Curriculum implementation.

Outcomes:

Short-term: Climate change and resilience curriculum adapted for Puerto Rico schools. Three additional resilient schools.

Intermediate: Increased school climate resilience. Better resources for integrating climate change and resilience curriculum at schools.

Long-term: Community members adapted and prepared for future climate challenges.

Milestones

1st Quarter Year 1: Completion of the recruitment for pilot project school and teachers. First professional workshop for teachers. First lessons from the curriculum launch.
2nd Quarter Year 1: Curriculum activities, workshops, field trips and implementing work plan actions.
3rd Quarter Year 1: Curriculum activities, workshops, field trips, sustainable projects and implementing work plan actions.
4th Quarter Year 1: Preliminary guidelines and evaluations. Recruitment of pilots for second year.
1st Quarter Year 2: Professional workshops for teachers, curriculum activities, workshops, fieldtrips and implementing work plan actions.
2nd Quarter Year 2: Curriculum activities, workshops, fieldtrips and implementing workplan actions.
3rd Quarter Year 2: Curriculum activities, workshops, field trips, sustainable projects and implementing work plan actions.
4th Quarter Year 2: Developing guidelines and evaluations. Final reporting.

Estimated Budget: $68,400

Budget detail:

Product or service	Cost	Category	Description
Field trips to sustainable community projects Transportation Workshop fee	 $3,600 $1,800	 Other Other	 $600 per field trip for bus transportation $300 aprox. per workshop
3 Small-scale resilient project stipends	$3,000	Other	$1,000 for each school as stipend to use for the development of a small scale project such as solar, water or agricultural project.
Teacher stipend	$24,000	Other	$2,000 per teacher per year (One pilot project: $2,000x 3 teachers x 2 years= $12,000) (Two pilot project: $2,000 x 6 teachers x 1 year- $12,000)
Project supplies	$5,000	Supplies	$3,5000 for Supplies for materials such as paper, binders, tape, markers, hand sanitizer and similar materials for workshops and training and educational outlets such water bottle, cap, or reusable bags. $1,500 for snacks and light refreshments for workshops, training and field trips (aprox. $100 per activity)
Curriculum developer	$5,000	Contractual	Final review and editing of RiSC curriculum and guidelines.
Design of education guidelines	$3,000	Contractual	Graphic design of guideline for the curriculum
Printing of education guidelines for RiSC Curriculum	$3,000	Other	Print of final guidance for RiSC Curriculum
Community Liaison Stipend	$20,000	Other	$5,000 Stipend for community liaison per school per year. (First year – 1 school, Second year = 3 Schools) It could be a community member or organization._

Activity 2. Tackling Climate Change and developing resilience

Objectives:
Recruit 10 vulnerable, disadvantaged or rural schools for Eco School program for the years 2023-2025.
Have an increase of 15% of climate change awareness and/or knowledge on pre/post-test among students, teachers and Eco-School community during 2023-2025.
Expose 150 students to sustainable projects such as sustainable agriculture and/or renewable energy during 2023-2025.
Expose 200 elementary school students to climate change, sustainability, and adaptation topics during 2023-2025.
Expose 20 vulnerable, disadvantaged, or rural schools to climate change, sustainability, and adaptation topics during 2023-2025.

Description:

It is necessary to advance climate change literacy among schools, especially starting at the early stages of the educational system. The education coordinator and the Eco-Schools coordinator will lead the education efforts to reach as many schools as possible during the next two years. These educational initiatives provide initial exposure to students while a formal curriculum is developed and implemented. This educational program includes activities such as field trip workshops and other activities to expand community tools to face future climate challenges.

Eco-Schools

The Eco-Schools program is an international program that engages K -12 students in finding and implementing solutions for local environmental challenges, focusing on reducing their carbon footprint at their schools and surrounding communities. The program was developed in 1994 by the Foundation for Environmental Education (FEE) in response to the United Nations (UN) Agenda regarding sustainable development goals (SDG). The program is an all-inclusive participatory approach involving students, teachers, and the local community by combining learning with hands-on experiences. The Eco-School will be able to present its work at the Eco-School Congress.

Educational Field trips

These educational field trips will provide students and teachers an experiential contact with sustainable projects. Some field trips will introduce sustainable agriculture, including urban methods and new technologies and/or solar or waste management projects.

Workshops and curricular lessons

The facilitation of workshops will provide knowledge about sustainability, climate change, and other resilience topics to students and teachers of different levels.

Outputs/Deliverables

- Recruitment of ten (10) Eco-Schools in vulnerable or rural areas.
- 10 field trips to sustainable projects
- 200 elementary students impacted by education.
- 20 vulnerable schools impacted by education.
- One Eco-Schools Congress

Outcomes:

Short-term: OPAS expects to impact 1,000 students and teachers through the Eco-School program and additional 500 students with educational initiatives.

Intermediate: Increased school climate resilience. Better resources for integrating climate change and resilience curriculum at schools.

Long-term: Community members adapted and prepared for future climate challenges.

Milestones

1st Quarter Year 1: Completion of the recruitment for Eco-school. Coordination for implementation.
2nd Quarter Year 1: 25% Curriculum activities, workshops, field trips, and implementing work plan actions.
3rd Quarter Year 1: Curriculum activities, workshops, field trips, sustainable projects, and implementing work plan actions.
4th Quarter Year 1: 50% of Curriculum activities, workshops, field trips, sustainable projects, and implementing work plan actions.
1st Quarter Year 2: Professional workshops for teachers, curriculum activities, workshops, field trips, and implementing work plan actions.
2nd Quarter Year 2: 75% Curriculum activities, workshops, field trips, and implementing work plan actions.
3rd Quarter Year 2: Eco-Schools Congress. Curriculum activities, workshops, field trips, sustainable projects, and implementing work plan actions.
4th Quarter Year 2. Final reporting.

Estimated Budget: $126,600

Budget detail:

Product or service	Cost	Category	Description
Eco-School Coordinator	$41,600	Contractual	$16/ hour for 1,300 hours per year
Field trips to sustainable community projects			
Transportation	$6,000	Other	$600 per field trip for bus transportation
Workshop fee	$3,000	Other	$300 aprox. per workshop

4 Small-scale sustainable project stipends	$2,000	Other	$500 for each school as a stipend for the development of a small-scale project such as a solar, water, or agricultural project.
Eco-Schools Congress	$10,000 $6,000	Other Supplies	$3,000 for rent of venue, chairs or audio.$2,000 for light lunch for students. Per Year $3,000 for educational outlets such as water bottle or reusable bag or similar per year.
Project supplies	$10,000	Supplies	$3,500 per year for Supplies for materials such as paper, binders, tape, markers, educational models, and other educational materials for workshops and training and educational outlets such water bottles, caps, or reusable bags. $1,500 per year for snacks and light refreshments for workshops, training and field trips (aprox. $100 per activity)
Education Coordinator	$48,000	Contractual	$24,000 at $16/hour for 1,500 hoursper year.

Activity 3. Long Range Communications

Objectives:
Increase and share knowledge about resiliency and climate change.

Description:

The communication strategies are fundamentals to disseminate the efforts of OPAS. Interaction with the media and social platforms is important to spread awareness and our messages. Communication efforts include researching, writing and monitoring the media, developing content for social platforms and supporting OPAS in developing our messaging and storytelling.

Outputs/Deliverables

- Two (2) communication pieces about climate change and resilience.
- Two (2) press releases about the RiSC curriculum.
- Social media presence throughout the grant life.
- One (1) communication piece about Eco-Schools.
- 10 educational videos or Facebook Lives of 30s to 3min to inform the public about the initiatives.
- Maintain OPAS website working effectively with relevant content.

Outcomes:

Short-term: Relevant content abour OPAS initiatives.

Intermediate: Increased 20% of actual social media interactions.

Long-term: Strengthen public awareness and engagement.

Milestones

The communication strategies will be constantly implemented throughout the Grant Period.

Estimated Budget: $82,000

Budget detail:

Product or service	Cost	Category	Description
Communication Specialist	$60,000	Contractual	$50/hour for a total of 1,200 hours for two years.
Maintenance of the website www.opaspr.org	$10,000	Contractual	$5,000 per year for updates, content edits and service as needed.
Social media and communication assistant	$12,000	Contractual	$15/hour for 800 hours for two years.

3.0 Environmental Results – Outcomes, Outputs and Performance Measures

Please refer to attachment logic model.

4.0 Programmatic Capability

Organizational Experience

OPAS has been developing and leading sustainable and environmental education among the general public and schools since 2015. Our Vision is to provide communities with the knowledge to facilitate their effective integration into the analysis and finding solutions to environmental problems. Our Mission is to promote good environmental practices based on sustainable actions. The Puerto Rico Department of Education endorses OPAS to offer environmental education services to the educational system The Eco-Schools Program exposes more than 10,000 children, youth, teachers, and non-teaching staff annually to identify, analyze and solve environmental and social problems to promote sustainable development in their campus, community, and country since 2006 in Puerto Rico.

Staff Experience / Qualifications of Project Manager

Executive Director: Carmen R. Valentín is a marine biologist with a master's in Management of Non-profit Organizations and eight years of experience working previously at the San Juan Bay Estuary Program, a Federal Funded Environmental Organization. Valentín is a member of the

National Grant Manager Association (NGMA), which provides continued education related to Grant Management topics. She also is pursuing being certified by NGMA as Certified Grant Manager and as a project manager professional this year. Valentin possesses experience and knowledge working closely with financials, technical reports, and every step of the grant cycle for projects funded by EPA.

Eco-Schools Manager: Alice Colón Sanabria is a committed educator and curriculum designer with proven experience in obtaining results that result in the comprehensive development of students. Colón has a master's in the Art of Education with a specialty in curriculum and teaching and is certified in Environmental Education and Educational Administration and Supervision.

Expenditure of Awarded Grang Funds, and plan for compliance with EPA's Pre award Compliance Review for Non Profit.

Last February, OPAS completed a policy and procedure review to ensure compliance following the Federal guidance. OPAS has in place the necessary controls and procedures for managing the award and is ready to submit any information requested. OPAS is training the administrative personnel about federal fund management, compliance topics, and other aspects to assure compliance.

5.0 Past Performance

Past performance:

2019-2023 Fundación Segarra Boerman: Eco School support
2021-22 Fundación Angel Ramos: Eco School support
2021-23 Fondos Legislativos: Eco School support
2015-2023 Annual Cooperative Agreement with PR Tourism Company: Blue Flag
2023-2025 Commission for Environmental Cooperation: RiSC Curriculum adaptation

OPAS does not have any federal past experience. The first federal funds were requested on February 2023 and were not awarded or denied.

All local funded projects of OPAS have been finished and reported in compliance as proposed and agreed with the funding sources.

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Open Door Mission, Inc.

Address: 156 N Plymouth Ave

City: Rochester

State: NY: New York Zip Code: 14608-1834

B. Unique Entity Identifier (UEI): LA7EPJ1XK643

C. Applicant/Recipient Point of Contact

Name: Anna Valeria-Iseman

Phone: Ex. 6 - Personal Privacy (PP)

Email: Ex. 6 - Personal Privacy (PP)

Title: CEO

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

NA

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

NA

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

NA

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII.	**Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)**	☒ Yes	☐ No
	a. Do the methods of notice accommodate those with impaired vision or hearing?	☐ Yes	☐ No
	b. Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?	☒ Yes	☐ No
	c. Does the notice identify a designated civil rights coordinator?	☐ Yes	☒ No
VIII.	**Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))**	☒ Yes	☐ No
IX.	**Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))**	☒ Yes	☐ No

X. If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.

N/A

XI. If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.

N/A

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Anna Valeria-Iseman	CEO	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.



OPAS
Organización
Pro Ambiente
Sustentable

Climate Change and Resilience at Schools

Submitted on April 14, 2023

Submitted by Organización Pro Ambiente Sustentable

1.0 PROGRAM OBJECTIVES

a. Project Summary

i, Project Title: Climate Change and Resilience at Schools

ii. Project Location: Puerto Rico

iii. Applicant information: Organización Pro Ambiente Sustentable Inc. (OPAS)

PO Box 270440 San Juan PR 00928
Ex. 6 - Personal Privacy (PP)
Main contact: Carmen Valentin, Executive Director
crvalentin@opaspr.org

iv. Description of Applicant Organization

Organización Pro Ambiente Sustentable (OPAS) is a 501(c)3 nonprofit organization fully dedicated to environmental conservation and education since 2005. OPAS is the representative in Puerto Rico of the international organization, Foundation for Environmental Education (FEE), and its program Eco-Schools, Young Reporters for the Environment and Blue Flag. Our Vision is to provide communities with the knowledge to facilitate their effective integration into the analysis and finding solutions to environmental problems. Our Mission is to promote good environmental practices based on sustainable actions.

v. Are you applying for the Samll CBO Set Aside Track for $150,000 projects? No

vi. Project Abstract

In the last five years, Puerto Rico has been hit by a series of major hurricanes (Irma, Maria (2017), Fiona (2022)), related flooding and landslides, and earthquakes. These disasters have destroyed the island's power grid and critical infrastructure, caused thousands of deaths, billions of dollars in damages, and lasting post-traumatic stress. Despite these catastrophic events, and the fact that schools unaffected by hurricanes are often used to shelter the displaced, there is no climate and resilience education in Puerto Rico's K-12 schools to help students understand the root causes of climate-fueled extreme weather events, cope with the physical and psychological aftermath of such disasters, prepare for future natural hazard events, or learn about mitigation, adaptation and resilience solutions. In addition, a 2017 study by Herman et. al revealed an urgent need to increase Puerto Rico's secondary teachers' climate literacy. Among other concerning findings, 82% of the Puerto Rico science teachers surveyed erroneously thought that the depletion of the ozone layer is a primary cause of climate change, and they neglect the social, political and economic dimensions of the crisis.

Currently, Puerto Rico is experiencing one of the worst fiscal and economic crises in its history, fueled by climate disasters and – many say – dire governance. These realities have caused a massive exodus of Puerto Rican families, mainly to the continental United States, and with it,

a flight of K-12 students and professionals in search of better education and job opportunities. Since 2017, hundreds of elementary and middle schools have been abandoned, mostly in the island's rural areas (65%) relative to urban areas (35%). According to the Teachers Association of Puerto Rico, at the start of the 2022-23 school year, five years after Hurricane Maria and the earthquakes of 2020, the physical conditions of 240 public schools (out of 849) still remain critical. Although the populations of both public and private school families have been declining for years, in recent months, Puerto Rico has seen a sharp decline in student enrollment. At the same time, emigration has continued to increase - a situation that continues to decrease the availability of human capital with specialized skills on the island. There is a critical need to restore faith in the island's education system and invest in climate and sustainability education to empower the island's youth to become future leaders and professionals who will develop contingency plans and solutions to intensified climate-fueled natural disasters.

Climate change has increased the development of more severe atmospheric phenomena. The lack of climate literacy and resilience practices and behaviors at young ages creates disadvantages that put at risk some basic needs such as clean water, food, and safe housing during disasters.

On May 22, 2019, the government of Puerto Rico published Act No.33-2019 related to climate mitigation, adaptation and resilience. Article 23 (on p.49 of the Act) describes adding an amendment to the Puerto Rico Education Reform Law (Act No. 85-2018). The Article directs the Secretary of Education to "Add the subjects of Climate Change Mitigation, Adaptation, and Resilience to the school curricula at all levels." This new directive creates the perfect opportunity for OPAS to launch the RiSC program model in Puerto Rico and promote the Eco-Schools Methodology through the education public system. The RiSC program and curriculum, which focuses on hands-on projects and real-world problem-solving, was originally developed in 2017 for NYC., Since then, it has been adapted in Texas, New Jersey, and the U.S. Virgin Islands, which – like Puerto Rico - was battered by hurricanes Irma and Maria in 2017. Through OPAS' and its partners, the RiSC curriculum will be translated into Spanish and adapted to Puerto Rico's geography and community needs using two pilot vulnerable schools at Loiza Municipality thanks to the support of the Commission of Environmental Cooperation's EJ4Climate Grant during the next 2 years. Using an adapted RiSC Coastal Vulnerability Assessment, students and their teachers will audit their school buildings, neighborhoods, and critical infrastructure, to assess their school buildings, neighborhoods and communities vulnerability to extreme weather events, such as storm surge and coastal flooding, brought on by climate change. Through EPA EJCPS, OPAS will incorporate additional pilot schools to enrich the adaptation process of the RiSC Curriculum with other resiliency needs using additional social, geographics, and demographic characteristics. The final result should be a more comprehensive tool to be presented to the Department of Education for curriculum integration about climate change and resiliency.

vii. Project Type(s): Education, capacity building

viii. Special Considerations: Climate Change/Disaster Resiliency

ix. Environmental Issue: Climate Change, Disaster, Resilience

x. List of Project Partners: National Wildlife Federation, Puerto Rico State Office for Emergency Management.

xi. Will you need to develop a QAPP for your project? No

b. Environmental and Public Health information of the Underserved Community

In the last five years, Puerto Rico has been hit by a series of major hurricanes (Irma, Maria (2017), Fiona (2022)), related flooding and landslides, and earthquakes. These disasters have destroyed the island's power grid and critical infrastructure, caused thousands of deaths, billions of dollars in damages, and lasting post-traumatic stress. Despite these catastrophic events, and the fact that schools unaffected by hurricanes are often used to shelter the displaced, there is no climate and resilience education in Puerto Rico's K-12 schools to help students understand the root causes of climate-fueled extreme weather events, cope with the physical and psychological aftermath of such disasters, prepare for future natural hazard events, or learn about mitigation, adaptation and resilience solutions. In addition, a 2017 study by Herman et. al revealed an urgent need to increase Puerto Rico's secondary teachers' climate literacy. Among other concerning findings, 82% of the Puerto Rico science teachers surveyed erroneously thought that the depletion of the ozone layer is a primary cause of climate change, and they neglected the social, political and economic dimensions of the crisis.

Currently, Puerto Rico is experiencing one of the worst fiscal and economic crises in its history, fueled by climate disasters and – many say – dire governance. These realities have caused a massive exodus of Puerto Rican families, mainly to the continental United States, and with it, a flight of K-12 students and professionals in search of better education and job opportunities. Since 2017, hundreds of elementary and middle schools have been abandoned, mostly in the island's rural areas (65%) relative to urban areas (35%). According to the Teachers Association of Puerto Rico, at the start of the 2022-23 school year, five years after Hurricane Maria and the earthquakes of 2020, the physical conditions of 240 public schools (out of 849) still remain critical. Although the populations of both public and private school families have been declining for years, in recent months, Puerto Rico has seen a sharp decline in student enrollment. At the same time, emigration has continued to increase - a situation that continues to decrease the availability of human capital with specialized skills on the island. There is a critical need to restore faith in the island's education system and invest in climate and sustainability education to empower the island's youth to become future leaders and professionals who will develop contingency plans and solutions to intensified climate-fueled natural disasters.

Climate change has increased the development of more severe atmospheric phenomena. The lack of climate literacy and resilience practices and behaviors at young ages creates disadvantages that put at risk some basic needs such as clean water, food, and safe housing during disasters.

On May 22, 2019, the government of Puerto Rico published Act No.33-2019 related to climate mitigation, adaptation and resilience. Article 23 (on p.49 of the Act) describes the addition of an amendment to the Puerto Rico Education Reform Law (Act No. 85-2018). The Article directs the Secretary of Education to "Add the subjects of Climate Change Mitigation, Adaptation, and Resilience to the school curricula at all levels." This new directive creates the perfect opportunity for OPAS to launch the RiSC program model in Puerto Rico and promote the Eco-Schools Methodology through the education public system. The RiSC program and curriculum, which focuses on hands-on projects and real-world problem-solving, was originally developed in 2017 for NYC., Since then, it has been adapted in Texas, New Jersey, and the U.S. Virgin Islands, which – like Puerto Rico - was battered by hurricanes Irma and Maria in 2017. Through OPAS' and its partners, the RiSC curriculum will be translated into Spanish and adapted to Puerto Rico's geography and community needs using two pilot vulnerable schools at Loiza Municipality thanks to the support of the Commission of Environmental Cooperation's EJ4Climate Grant during the next 2 years. Using an adapted RiSC Coastal Vulnerability Assessment, students and their teachers will audit their school buildings, neighborhoods, and critical infrastructure, to assess their school buildings, neighborhoods and communities' vulnerability to extreme weather events, such as storm surge and coastal flooding, brought on by climate change. In doing so, RiSC teams will gather data on projected local impacts of flooding, storm surge and sea level rise, and increase their understanding and awareness of how extreme weather impacts their local areas. Student RiSC teams will learn about green and grey infrastructure and resilient and adaptive design solutions. Through EPA EJCPS, OPAS will incorporate additional pilot schools to enrich the adaptation process of the RiSC Curriculum with other resiliency needs using additional social, geographics, and demographic characteristics. The final result should be a more comprehensive tool to be presented to the Department of Education for curriculum integration about climate change and resiliency.

c. Organization's Historical Connection to Underserved Community

The Organización Pro Ambiente Sustentable (OPAS) Inc. is a non-profit organization in San Juan, Puerto Rico. Since 2005, OPAS has been running The Eco-School, Blue Flag, Young Reporters for the Environment, and Reef Check International programs, along with other initiatives aimed at educating people on sustainability and the protection of the environment. The Eco-Schools Program exposes more than 10,000 children, youth, teachers, and non-teaching staff annually to identify, analyze and solve environmental and social problems to promote sustainable development in their campus, community, and country since 2006 in Puerto Rico. Eco-Schools encourage young people to engage in their environment by allowing them the opportunity to protect it actively. It starts in the classroom, it expands to the school, and eventually, fosters change in the community at large. After evaluating their campuses, students make decisions and actions to reduce the carbon footprint of their campus. These actions may include waste reduction and/or diversion projects such as recycling, composting, material collection (glasses, clothing, electronics, etc.); biodiversity projects such as gardens, butterfly farms, and apiaries; garden projects; power projects; water projects, among others. The current network includes 24 active schools in Puerto Rico.

After hurricane Maria, OPAS joined forces with participants Eco-Schools and entities from all sectors to meet the critical needs of the population by promoting and providing sustainable aid alternatives to affected communities in the recovery process. Among others, eco-friendly water filters and solar flashlights and chargers were distributed island-wide. Seeds were also donated to help organic farmers whose crops were destroyed and for Eco-Schools to rebuild their school gardens. This helped to identify the skills needed to be developed to promote resiliency at school levels.

Eco School is a well-structured program that combines learning with hands-on experiences through an all-inclusive, participatory approach involving students, teachers, and the local community at large. This provides a platform to work on the themes and pathways of climate change and resilience, serving as a tool for the adaptation and testing of the RiSC curriculum, where the main actors are the students and teachers. The participation of students through the support of EJ4Climate, which will start in May, will provide a base for adapting the curriculum. The participation of additional schools through the EJCPS Collaborative Agreement will enrich the content making it more relevant to schools across the island and improving the final product to be presented to the Department of Education.

d. EJCPS Model:

Eco-Schools program was developed by the Foundation for Environmental Education (FEE) as a response to the needs identified at the United Nations Conference on Environment and Development in 1992. It started in Europe and became a global model for environmental education and sustainability at the international level. Eco-School was designed with a seven-step change framework for continuous improvement that incorporates the main elements of the EJCPS Model. The methods involve a wide diversity of individuals from the school community, with students playing a primary role. These seven steps are not linear and can be crossed over and revised through the cycle that usually lasts one scholar year. These steps are:

1. **Forming an Eco Committee.** The Eco-Schools Committee is the driving force behind the Eco-Schools process and represents the ideas of the whole school. It includes students, teachers, parents, and other community members. The similarity of EJCPS Model: Build upon existing leadership and experience in the community, involve students, teachers, and community members, identify partners, and build plans and goals.
2. **Environmental Review.** This is a series of audits that help the school to identify its current environmental impact and highlight areas for improvement. The similarity of EJCPS Model: Element 1- identify problems to build plans and goals. Element 2 - Gather appropriate information about issues, and conduct assessments regarding the causes of a potential solution to problems.
3. **Action Plan.** Results from the environmental review are used to design the Action Plan, forming the core of student action. The similarity of EJCPS Model: Element 2 – Identify resources that can provide technical assistance and capacities to meet goals. Educate students and teachers about the problem and involve them in formulating solutions. Element 3- Help the eco committee develop agreements. Element 4 - Establish dialogues that lead to possible partnerships, develop workplans.

4. **Monitor & Evaluate.** This is carried out to find out if the targets set by the action plan are being achieved. The similarity of EJCPS Model: Element 7- Use lessons learnend as the project proceeds, describe measures of success, periodically evaluate progress, document and share information.
5. **Curriculum Work.** Eco-Schools activities are linked to the curriculum, ensuring Eco-Schools is truly integrated within the school community. Element 3- Uses techniques for problems solution or goals achievement. Promote the dev
6. **Inform & Involve.** This involves getting everyone on board! Actions are not solely confined to the school community but are encouraged to engage community members and parents, for example. The similarity of EJCPS Model: Element 5 – Identify and engage the community and stakeholders. Identify partners to address the resources needs. Element 6 – Use strengths of partners.
7. **Eco Code.** Students collaborate to devise a statement that represents the school's commitment to the environment. The similarity of EJCPS Model: Element 4- Create common vision, goals and objectives. Element 6- Clarity commitments and plans.

e. Project Linkages

(1)Supports EPA Strategic Plan Goal 2 (Take Decisive Action to Advance Environmental Justice and Civil Rights), Objective 2.1, (Promote Environmental Justice and Civil Rights at the Federal, Tribal, State, and Local Levels).

This project's main target is to develop capacity building and climate within school communities. While Eco-School develops the capacity to tackle the climate crisis, the RiSC adapted curriculum and their pilot resilience hubs will provide a new model for climate resilience education in Puerto Rico, helping to build stronger communities prepared for the future challenges.

f. Partner and Collaborate

For the adaptation of the RiSC Curriculum and two first pilot projects, OPAS has made partnerships with the National Wildlife Federation and Puerto Rico State Office of Emergency Management under the EJ4Climate Grant from the Commission for Environmental Collaboration. The National Wildlife Federation will provide the RiSC curriculum and the technical support, knowledge, and professional development to OPAS's curriculum developers to facilitate its adaptation to Puerto Rico's reality. The State Office of Emergency Management will provide free Community Response Emergency Team (CERT) certification workshops for teachers and students. The CERT also will be provided to additional participants under the EJCPS Cooperative Agreement.

OPAS is developing additional collaboration agreements with Taller Salud, a community-based non-profit organization based in Loiza. They will serve as community liaisons supporting the recruitment and coordinating activities.

OPAS expects to have collaboration with Municipalities, Schools administrators, the Department of Education, and community-based nonprofits around participants' schools

and other entities and stakeholders as key partners to improve the implementation of this project and promote sustainability and autonomy.

2.0 Project Activities / Milestone Schedule / Detailed Budget Narrative

Activity 1. Resilient School Consortium Curriculum - additional pilots

Objectives:
Launch RiSC curriculum at one additional school during the curriculum adaptation process with participants under EJ4Climate Grant until March 2025.
Launch RiSC curriculum at two new schools during the school year 2024-25.
Design a Climate Resilience Education Guidelines to present to the Department of Education of Puerto Rico along the RiSC curriculum.

Description:

The Resilient Schools Consortium (RiSC), is a nationally and internationally recognized climate and resilience education program and curriculum that educates middle and high school students about climate science, climate impacts, climate justice and resilience solutions and provides teacher professional development. The program has been implemented in climate vulnerable communities in New York City (NYC), Texas, and New Jersey and adapted in the U.S. Virgin Islands. Puerto Rico – an island community of more than 3 million people - has been battered by climate-fueled storms and yet has no climate and resilience education programming for its 300,000 public secondary school students. An amendment to the Puerto Rico Education Reform Law directs the Secretary of Education to "add the subjects of Climate Change Mitigation, Adaptation, and Resilience to the school curricula at all levels." This creates the perfect opportunity to launch the RiSC program in Puerto Rico.

Led by *Organizacion Pro-Ambiente Sustentable* (OPAS), in partnership with two pilot schools on the Island, the State Office of Emergency Management of Puerto Rico (PR), and the National Wildlife Federation, - a RiSC program and teacher training modules will be adapted for Puerto Rico and the curriculum translated into Spanish thanks to the support of the Commission for Environmental Cooperation granted on March 2023. Students will be part of the adaptation process and will test it by executing small-scale resilience projects and sharing their newfound knowledge with students at other schools. These school-based resilience hubs will provide a new model for climate resilience education in Puerto Rico, helping to build stronger communities that are prepared for future challenges.

Through EJCPS Cooperative Agreement, one school will be added for the curriculum adaptation process during the first year to add a different perspective on social, cultural, and ecological realities. The curriculum includes lessons, activities, workshops, and/or field trips related to climate change, climate vulnerability, climate adaptation, and emergency preparedness and resilience.

On September 2024, two additional schools from different social, geographics, and needs will be added to pilot the curriculum to identify additional adaptation needs before presenting the final product and guidelines to the Department of Education.

Outputs/Deliverables

- Recruitment of one (1) additional pilot for year one.
- Recruitment of two (2) pilot schools for year two.
- Six (6) professional workshops for teachers at the pilot projects
- Six (6) field trips to sustainable community projects.
- Three (3) small-scale resilience projects at pilot school.
- Three (3) CERT certification workshops.
- One (1) Education Guidelines for RiSC Curriculum implementation.

Outcomes:

Short-term: Climate change and resilience curriculum adapted for Puerto Rico schools. Three additional resilient schools.

Intermediate: Increased school climate resilience. Better resources for integrating climate change and resilience curriculum at schools.

Long-term: Community members adapted and prepared for future climate challenges.

Milestones

1st Quarter Year 1: Completion of the recruitment for pilot project school and teachers. First professional workshop for teachers. First lessons from the curriculum launch.
2nd Quarter Year 1: Curriculum activities, workshops, field trips and implementing work plan actions.
3rd Quarter Year 1: Curriculum activities, workshops, field trips, sustainable projects and implementing work plan actions.
4th Quarter Year 1: Preliminary guidelines and evaluations. Recruitment of pilots for second year.
1st Quarter Year 2: Professional workshops for teachers, curriculum activities, workshops, fieldtrips and implementing work plan actions.
2nd Quarter Year 2: Curriculum activities, workshops, fieldtrips and implementing workplan actions.
3rd Quarter Year 2: Curriculum activities, workshops, field trips, sustainable projects and implementing work plan actions.
4th Quarter Year 2: Developing guidelines and evaluations. Final reporting.

Estimated Budget: $68,400

Budget detail:

Product or service	Cost	Category	Description
Field trips to sustainable community projects Transportation Workshop fee	 $3,600 $1,800	 Other Other	 $600 per field trip for bus transportation $300 aprox. per workshop
3 Small-scale resilient project stipends	$3,000	Other	$1,000 for each school as stipend to use for the development of a small scale project such as solar, water or agricultural project.
Teacher stipend	$24,000	Other	$2,000 per teacher per year (One pilot project: $2,000x 3 teachers x 2 years= $12,000) (Two pilot project: $2,000 x 6 teachers x 1 year- $12,000)
Project supplies	$5,000	Supplies	$3,5000 for Supplies for materials such as paper, binders, tape, markers, hand sanitizer and similar materials for workshops and training and educational outlets such water bottle, cap, or reusable bags. $1,500 for snacks and light refreshments for workshops, training and field trips (aprox. $100 per activity)
Curriculum developer	$5,000	Contractual	Final review and editing of RiSC curriculum and guidelines.
Design of education guidelines	$3,000	Contractual	Graphic design of guideline for the curriculum
Printing of education guidelines for RiSC Curriculum	$3,000	Other	Print of final guidance for RiSC Curriculum
Community Liaison Stipend	$20,000	Other	$5,000 Stipend for community liaison per school per year. (First year – 1 school, Second year = 3 Schools) It could be a community member or organization._

Activity 2. Tackling Climate Change and developing resilience

Objectives:
Recruit 10 vulnerable, disadvantaged or rural schools for Eco School program for the years 2023-2025.
Have an increase of 15% of climate change awareness and/or knowledge on pre/post-test among students, teachers and Eco-School community during 2023-2025.
Expose 150 students to sustainable projects such as sustainable agriculture and/or renewable energy during 2023-2025.
Expose 200 elementary school students to climate change, sustainability, and adaptation topics during 2023-2025.
Expose 20 vulnerable, disadvantaged, or rural schools to climate change, sustainability, and adaptation topics during 2023-2025.

Description:

It is necessary to advance climate change literacy among schools, especially starting at the early stages of the educational system. The education coordinator and the Eco-Schools coordinator will lead the education efforts to reach as many schools as possible during the next two years. These educational initiatives provide initial exposure to students while a formal curriculum is developed and implemented. This educational program includes activities such as field trip workshops and other activities to expand community tools to face future climate challenges.

Eco-Schools

The Eco-Schools program is an international program that engages K -12 students in finding and implementing solutions for local environmental challenges, focusing on reducing their carbon footprint at their schools and surrounding communities. The program was developed in 1994 by the Foundation for Environmental Education (FEE) in response to the United Nations (UN) Agenda regarding sustainable development goals (SDG). The program is an all-inclusive participatory approach involving students, teachers, and the local community by combining learning with hands-on experiences. The Eco-School will be able to present its work at the Eco-School Congress.

Educational Field trips

These educational field trips will provide students and teachers an experiential contact with sustainable projects. Some field trips will introduce sustainable agriculture, including urban methods and new technologies and/or solar or waste management projects.

Workshops and curricular lessons

The facilitation of workshops will provide knowledge about sustainability, climate change, and other resilience topics to students and teachers of different levels.

Outputs/Deliverables

- Recruitment of ten (10) Eco-Schools in vulnerable or rural areas.
- 10 field trips to sustainable projects
- 200 elementary students impacted by education.
- 20 vulnerable schools impacted by education.
- One Eco-Schools Congress

Outcomes:

Short-term: OPAS expects to impact 1,000 students and teachers through the Eco-School program and additional 500 students with educational initiatives.

Intermediate: Increased school climate resilience. Better resources for integrating climate change and resilience curriculum at schools.

Long-term: Community members adapted and prepared for future climate challenges.

Milestones

1st Quarter Year 1: Completion of the recruitment for Eco-school. Coordination for implementation.
2nd Quarter Year 1: 25% Curriculum activities, workshops, field trips, and implementing work plan actions.
3rd Quarter Year 1: Curriculum activities, workshops, field trips, sustainable projects, and implementing work plan actions.
4th Quarter Year 1: 50% of Curriculum activities, workshops, field trips, sustainable projects, and implementing work plan actions.
1st Quarter Year 2: Professional workshops for teachers, curriculum activities, workshops, field trips, and implementing work plan actions.
2nd Quarter Year 2: 75% Curriculum activities, workshops, field trips, and implementing work plan actions.
3rd Quarter Year 2: Eco-Schools Congress. Curriculum activities, workshops, field trips, sustainable projects, and implementing work plan actions.
4th Quarter Year 2. Final reporting.

Estimated Budget: $123,100

Budget detail:

Product or service	Cost	Category	Description
Eco-School Coordinator	$41,600	Contractual	$16/ hour for 1,300 hours per year
Field trips to sustainable community projects			
Transportation	$6,000	Other	$600 per field trip for bus transportation
Workshop fee	$3,000	Other	$300 aprox. per workshop

4 Small-scale sustainable project stipends	$2,000	Other	$500 for each school as a stipend for the development of a small-scale project such as a solar, water, or agricultural project.
Eco-Schools Congress	$10,000 $6,000	Other Supplies	$3,000 for rent of venue, chairs or audio.$2,000 for light lunch for students. Per Year $3,000 for educational outlets such as water bottle or reusable bag or similar per year.
Project supplies	$6,500	Supplies	$5, 000 for Supplies for materials such as paper, binders, tape, markers, educational models, and other educational materials for workshops and training and educational outlets such water bottles, caps, or reusable bags. $1,500 for snacks and light refreshments for workshops, training and field trips (aprox. $100 per activity)
Education Coordinator	$48,000	Contractual	$24,000 at $16/hour for 1,500 hoursper year.

Activity 3. Long Range Communications

Objectives:
Increase and share knowledge about resiliency and climate change.

Description:

The communication strategies are fundamentals to disseminate the efforts of OPAS. Interaction with the media and social platforms is important to spread awareness and our messages. Communication efforts include researching, writing and monitoring the media, developing content for social platforms and supporting OPAS in developing our messaging and storytelling.

Outputs/Deliverables

- Two (2) communication pieces about climate change and resilience.
- Two (2) press releases about the RiSC curriculum.
- Social media presence throughout the grant life.
- One (1) communication piece about Eco-Schools.
- 10 educational videos or Facebook Lives of 30s to 3min to inform the public about the initiatives.
- Maintain OPAS website working effectively with relevant content.

Outcomes:

Short-term: Relevant content abour OPAS initiatives.

Intermediate: Increased 20% of actual social media interactions.

Long-term: Strengthen public awareness and engagement.

Milestones

The communication strategies will be constantly implemented throughout the Grant Period.

Estimated Budget: $82,000

Budget detail:

Product or service	Cost	Category	Description
Communication Specialist	$60,000	Contractual	$50/hour for a total of 1,200 hours for two years.
Maintenance of the website www.opaspr.org	$10,000	Contractual	$5,000 per year for updates, content edits and service as needed.
Social media and communication assistant	$12,000	Contractual	$15/hour for 800 hours for two years.

3.0 Environmental Results – Outcomes, Outputs and Performance Measures

Please refer to attachment logic model.

4.0 Programmatic Capability

Organizational Experience

OPAS has been developing and leading sustainable and environmental education among the general public and schools since 2015. Our Vision is to provide communities with the knowledge to facilitate their effective integration into the analysis and finding solutions to environmental problems. Our Mission is to promote good environmental practices based on sustainable actions. The Puerto Rico Department of Education endorses OPAS to offer environmental education services to the educational system The Eco-Schools Program exposes more than 10,000 children, youth, teachers, and non-teaching staff annually to identify, analyze and solve environmental and social problems to promote sustainable development in their campus, community, and country since 2006 in Puerto Rico.

Staff Experience / Qualifications of Project Manager

Executive Director: Carmen R. Valentín is a marine biologist with a master's in Management of Non-profit Organizations and eight years of experience working previously at the San Juan Bay Estuary Program, a Federal Funded Environmental Organization. Valentín is a member of the

National Grant Manager Association (NGMA), which provides continued education related to Grant Management topics. She also is pursuing being certified by NGMA as Certified Grant Manager and as a project manager professional this year. Valentin possesses experience and knowledge working closely with financials, technical reports, and every step of the grant cycle for projects funded by EPA.

Eco-Schools Manager: Alice Colón Sanabria is a committed educator and curriculum designer with proven experience in obtaining results that result in the comprehensive development of students. Colón has a master's in the Art of Education with a specialty in curriculum and teaching and is certified in Environmental Education and Educational Administration and Supervision.

Expenditure of Awarded Grang Funds, and plan for compliance with EPA's Pre award Compliance Review for Non Profit.

Last February, OPAS completed a policy and procedure review to ensure compliance following the Federal guidance. OPAS has in place the necessary controls and procedures for managing the award and is ready to submit any information requested. OPAS is training the administrative personnel about federal fund management, compliance topics, and other aspects to assure compliance.

5.0 Past Performance

Past performance:

2019-2023 Fundación Segarra Boerman: Eco School support
2021-22 Fundación Angel Ramos: Eco School support
2021-23 Fondos Legislativos: Eco School support
2015-2023 Annual Cooperative Agreement with PR Tourism Company: Blue Flag
2023-2025 Commission for Environmental Cooperation: RiSC Curriculum adaptation

OPAS does not have any federal past experience. The first federal funds were requested on February 2023 and were not awarded or denied.

All local funded projects of OPAS have been finished and reported in compliance as proposed and agreed with the funding sources.

COMMISSION FOR ENVIRONMENTAL COOPERATION | COMISIÓN PARA LA COOPERACIÓN AMBIENTAL | COMMISSION DE COOPÉRATION ENVIRONNEMENTALE

Carmen Rosa Valentin
Executive Director
Organización Pro Ambiente Sustentable
PO Box 270440
San Juan, Puerto Rico 00928
United States

March 6th, 2023

Dear Ms. Valentin:

It is my pleasure to inform you that the CEC has selected your project to receive support under the CEC's EJ4Climate: Environmental Justice and Climate Resilience program.

Accordingly, a grant in the amount of C$ 199,592 has been approved for the project "Resilient Schools Consortium: Transforming Puerto Rico's Schools into Hubs for Climate Resilience Education and Solutions".

The CEC will be announcing publicly all the selected grantees the week of March 13th, 2023. We would kindly ask you not to disclose this information until the announcement.

We thank you for your commitment and look forward to working with you on our shared efforts to conserve, protect and enhance the North American environment.

Sincerely yours,

Jorge Daniel Taillant
Executive Director

700, rue de la Gauchetière Ouest, bureau 1620, Montréal (Québec) H3B 5M2 Ex. 6 - Personal Privacy (PP) info@cec.org cec.org

DEPARTAMENTO DE SEGURIDAD PÚBLICA
NEGOCIADO DE MANEJO DE EMERGENCIAS Y
ADMINISTRACIÓN DE DESASTRES
Comisionado I Nino Correa Filomeno I ncorrea@prema.pr.gov

November 8, 2022

Lourdes Díaz Colón
Organización Pro-Ambiente Sustentable (OPAS)
San Juan, Puerto Rico

RE: Support Letter

Dear Mrs. Díaz:

We are delighted to express our support for your EJ4Climate Proposal: The Resilient Schools Consortium (RiSC) A Pilot Program to Transform Puerto Rico's Schools into Hubs for Climate and Resilience Education, Hurricane Preparedness, and Local Resilience Solutions.

Our agency oversees all emergency activities in Puerto Rico. Its mission is to coordinate all the resources of the government of Puerto Rico to administer all the phases of emergency management (mitigation, preparation, recovery, and response) in the case of natural or technological disaster while preventing and minimizing all damage to life and property.

The agency also coordinates similar functions with the federal government of the United States and foreign countries, as well as offering help and cooperation with the private sector. We are also responsible for The **Community Emergency Response Team (CERT)** program that educates volunteers about disaster preparedness for the hazards that may impact their area and trains them in basic disaster response skills, such as fire safety, light search and rescue, team organization, and disaster medical operations.

CERT offers a consistent, nationwide approach to volunteer training and organization that professional responders can rely on during disaster situations, which allows them to focus on more complex tasks. Through CERT, the capabilities to prepare for, respond to and recover from disasters is built and enhanced.

We are happy to be a partner and provide our expertise and CERT programs to the teachers, students, and community members of the participating schools once the proposal is approved.

Cordially.

Nino Correa Filomeno
Commissioner

P.O. BOX 194140 | SAN JUAN, PR | 00918 - 4140

Ex. 6 Personal Privacy (PP) www.manejodeemergencias.pr.gov

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Anna | Middle Name: Protection
Last Name: Valeria-Iseman | Suffix:
Title: CEO
Complete Address:
Street1: 156 N Plymouth Ave
Street2:
City: Rochester | State: NY: New York
Zip / Postal Code: 14608-1834 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: Ex. 6 Personal Privacy (PP)

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Anna | Middle Name:
Last Name: Valeria-Iseman | Suffix:
Title: CEO
Complete Address:
Street1: 156 N Plymouth Ave
Street2:
City: Rochester | State: NY: New York
Zip / Postal Code: 14608-1834 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address:

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Divia | Middle Name:
Last Name: Hobson | Suffix:
Title: Corporate Affairs (Unity Renewables)
Complete Address:
Street1: 1900 Empire Blvd, STE 143
Street2:
City: Rochester | State: NY: New York
Zip / Postal Code: 14609 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: Ex. 6 Personal Privacy (PP)

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** | **First Name:** Brandon | **Middle Name:**

Last Name: Maharaj | **Suffix:**

Title: President and Co-Founder (Unity Renewables)

Complete Address:

Street1: 1900 Empire Blvd, STE 143

Street2:

City: Rochester | **State:** NY: New York

Zip / Postal Code: 14609 | **Country:** USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**

E-mail Address: Ex. 6 Personal Privacy (PP)

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Open Door Mission, Inc.

* b. Employer/Taxpayer Identification Number (EIN/TIN): 16-6050714

* c. UEI: LA7EPJ1XK643

d. Address:

* Street1: 156 N Plymouth Ave
Street2:
* City: Rochester
County/Parish:
* State: NY: New York
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 14608-1834

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Anna
Middle Name:
* Last Name: Valeria-Iseman
Suffix:

Title: CEO

Organizational Affiliation:

* Telephone Number: Ex. 6 - Personal Privacy (PP)
Fax Number:

* Email: Ex. 6 Personal Privacy (PP)

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Open Door Mission Solar Plus Battery Storage Project in Rochester

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: NY-25 | * b. Program/Project: NY-25

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 | * b. End Date: 11/01/2026

18. Estimated Funding ($):

* a. Federal	1,351,750.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	1,351,750.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☒ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☐ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: | * First Name: Anna

Middle Name:

* Last Name: Valeria-Iseman

Suffix:

* Title: CEO

* Telephone Number: Ex. 6 - Personal Privacy (PP) | Fax Number:

* Email: Ex. 6 - Personal Privacy (PP)

* Signature of Authorized Representative: Anna Valeria-Iseman | * Date Signed: 04/14/2023

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Open Door Mission Solar Plus Battery Storage Project

Application
New
2023-04-14
Open Door Mission, Inc.
16-6050714
LA7EPJ1XK643
156 N Plymouth Ave
Rochester
NY: New York
14608-1834
USA: UNITED STATES

Anna
Valeria-Iseman

CEO
EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Open Door Mission Solar Plus Battery Storage Project in Rochester
NY-25
NY-25
2023-11-01
2026-11-01
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1351750.00
b. Program is subject to E.O. 12372 but has not been selected by the State for review.
N: No
Y: Yes
Anna
Valeria-Iseman

CEO
EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
Anna Valeria-Iseman
2023-04-14

1234-EPA EJCPS ODM Solar and Storage Workplan.pdf
application/pdf
E9VeyH/kJXmvNRHj68tGo4BFGkk=

Open Door Mission, Inc.
156 N Plymouth Ave
Rochester
NY: New York
14608-1834

LA7EPJ1XK643
Anna Valeria-Iseman
EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
CEO
N: No
NA
NA
NA
N: No
Y: Yes
Y: Yes
N: No
Y: Yes
Y: Yes
N/A
N/A
Anna Valeria-Iseman
CEO
2023-04-14

Anna
Protection
Valeria-Iseman

CEO
156 N Plymouth Ave
Rochester
NY: New York
14608-1834
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)

EX. 6 - Personal Privacy (PP)

Anna
Valeria-Iseman

CEO
156 N Plymouth Ave
Rochester
NY: New York
14608-1834
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)

Divia
Hobson

Corporate Affairs (Unity Renewables)
1900 Empire Blvd, STE 143
Rochester
NY: New York
14609
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)

EX. 6 - Personal Privacy (PP)

Brandon
Maharaj

President and Co-Founder (Unity Renewables)
1900 Empire Blvd, STE 143
Rochester
NY: New York
14609
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)

EX. 6 - Personal Privacy (PP)

1.0
66.306

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Project revenues have been modelled as part of the Energy Storage for Social Equity Phase 1 - Technical Assistance. The project is awaiting award for Phase 2 for funding for Project Deployment. The project is also eligible for ITCs under the IRA.

1235-Itemized Budget Sheet V2.pdf
application/pdf
lF1CuliTXjpRDcBYLsuMHHjMD4Y=

1236-EJCPS Logic Model.pdf
application/pdf
gEFrdkwH0sk27Z1Z6NSm9UsovSU=

1237-Letter of Commitment_City of Rochester.pdf
application/pdf
RnlDTapSigSlyB37sAv7wW0NfPw=

1238-Letter of Commitment_DOE-PNNL.pdf
application/pdf
vV1weUhthwX6DOZsf10W9WK4NIs=

1239-Letter of Commitment_Unity.pdf
application/pdf
nncw+2/tUC9jcYFNPFi0JUHSrT4=

1240-Letter of Commitment_Senator Cooney.pdf
application/pdf
w09KAehaAwpVbARQt4+BLqef6Wg=

1241-Brandon_Maharaj_Resume.pdf
application/pdf
LwyiUjDnK/fxX3n3+TRgX84RDdc=

1242-Vivek_ Thiagarajan_Resume.pdf
application/pdf
NjHTQr1u8UaciLjv6KhAL2eNNYw=

1243-Divia_Hobson_Resume.pdf
application/pdf
lZQsYk6yCanAROlxC4gFXQiMh2w=

1244-Proof of ODM Non-Profit Status.pdf
application/pdf
e1U2UVpuR/gLhss22HGSuFmKFik=

bJBjRmHuVneUNsw4Duvb8cS7Ogc=
2023-04-14T16:56:30.000-04:00
Anna Valeria-Iseman
GRANT13861699

City of Rochester

City Hall Room 308A, 30 Church Street
Rochester, New York 14614-1290
www.cityofrochester.gov

Malik D. Evans
Mayor

Friday, April 14, 2023

Environmental Protection Agency
Office of Grants and Debarment (Mail Code: 3901)
1200 Pennsylvania Avenue
N.W. Washington, D.C. 20460

I am writing to express my support for the Open Door Mission's Energy Storage for Social Equity (ES4SE) Initiative grant application on behalf of the City of Rochester. This initiative is critical in improving community resilience, reducing fossil fuel emissions, and promoting equitable justice.

The project aims to install a 2.05 MWh lithium-ion battery, a 31-kW rooftop solar array, and a 20-kW carport with dual-port EV charging stations connected to the battery system. Transitioning away from diesel or fossil generators will significantly reduce the health impacts on vulnerable community members, particularly women's shelter residents. Additionally, battery storage will reduce hyper-local air and noise pollution, promoting a cleaner and healthier environment. In a disaster, the project will provide critical resilience to ensure the continuity of essential services, particularly for the Mission's food bank efforts. All of this will significantly impact Rochester's environmental and public health outcomes, especially in communities that have historically been excluded from decision-making processes.

The requested grant funding of $500,000 would support the installation of the proposed energy storage and EV charging infrastructure and workforce development and job training initiatives in collaboration with the Open Door Mission. This grant would be instrumental in advancing the ES4SE initiative and achieving the City's goals of improving environmental and public health outcomes, promoting resilience, and creating new job opportunities in the clean energy sector while advancing equitable justice for all.

Thank you for considering this grant application and your continued support in advancing environmental justice, sustainability, and equitable justice in our community.

Sincerely,

Malik D. Evans, Mayor

Phone: Ex. 6 - Personal Privacy (PP) Fax: Ex. 6 Personal Privacy (PP) TTY: Ex. 6 - Personal Privacy (PP) EEO/ADA Employer

Ex. 6 Personal Privacy (PP)

Community Engagement Leader

Contact

1900 Empire Blvd, STE 143.
Rochester New York 14609
Ex. 6 Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)

Key Skills

Exceptional relationship builder.
Excellent verbal and written communicator.
Visionary.
Excellent Project Management.

Activities and Interests

Environmental conservation
Small woodworking projects
Community volunteer
Football and Soccer coach
Gardener

Profile

Community Engagement Leader with a passion for growing a greener world while creating opportunities for environmental and economic justice through net zero sustainable community-based projects. Collaborating with community leaders and politicians from the local, state, and federal level to create and bring awareness to the opportunities for environmental and economic equity in the renewables industry.

Experience

July 2019—Present

Solar Ambassador/Climate Justice Advocate – Unity Renewables LLC

Independent Contractor acquiring customers for Solar Farms located in New York State. Performing the entire sales and marketing process with a focus in disadvantaged communities. Attending business networking events, cold sales calls, festival and events, and canvassing both residential and commercial prospects. Continuous advocacy for better community engagement and involvement in the renewables industry by empowering community groups through awareness and education of the industry.

September 2015—Present

Owner/Business Development Manager – BEAN Insurance Agency and Aaryn Maharaj State Farm Agency

Business Development Manager/Owner for two family-owned Insurance Agencies. Generate sales using several different methods to include cold calling, networking events, business meetings, internet lead calling. Managing the full day to day operations of a small business.

May 2005 - September 2015

IT Project Management– Network and Systems Administrator with IT Project Management

Lead several large technology infrastructure upgrade projects for PriceWaterhouseCoopers, The Pike Company and the YMCA of Greater Rochester. Lead internal staff and vendors in delivering cost effective solutions that met each milestone while providing the most optimum solutions.

Community

Urban District YMCA Board of the Directors
Chairman – Serving the community's needs through programs that help build a solid base for our youth to become successful members of society.

Coalition of Northeast Area Neighborhoods
Board Member – Advocating for and improving the quality of life for residents in our neighborhoods through several different grassroots community initiatives.

Color Your Community Green – Irondequoit and Penfield
Committee Member – Assist the local town to achieve their CEC and CEC goals.

Dear Environmental Protection Agency,

We are writing to submit a grant application on behalf of the Open Door Mission's Energy Storage for Social Equity (ES4SE) Initiative. We are committed to advancing environmental justice, sustainability, and equitable justice in our community. We are interested in this project to improve local environmental and public health outcomes, enhance community resilience, and promote clean energy job creation in Rochester.

Unity Renewables is a minority owned and operated business with a passion for growing a greener world while creating opportunities for environmental and economic justice through net zero sustainable community-based projects. Collaborating with community leaders, politicians at the local, state, and federal level, to create and bring awareness to the opportunities for environmental and economic equity in the renewables industry.

Our mission is to provide fair, and equitable access to renewable power, fair and equitable access to careers in the renewables industry and fair and equitable access to business creation opportunities. Unification of low to moderate income households into the renewables market would incentivize the private sector through workforce development (that leads to long term careers and business opportunities) to ensure that marginalized communities are included.

The Open Door Mission Solar Plus Battery Storage Project addresses climate change, disaster resiliency, and emergency preparedness in several ways:
1. Climate Change: By implementing a solar plus storage system.
2. Disaster Resiliency: The Battery Energy Storage System (BESS) ensures that essential community services, such as emergency shelters and hot meal provisions, shall continue uninterrupted during power outages and/or severe weather events.
3. Emergency Preparedness: The project's focus on clean energy resilience helps the Mission prepare for emergencies that may result from climate change-induced events.

Outcomes include the creation of local jobs, workforce development opportunities, training programs, and fostering a model for clean energy solutions in Rochester. This innovative project will serve as an inspiration for addressing environmental justice issues and building a brighter, healthier future for the local community.

As a local Rochester company specializing in renewable energy solutions and workforce development, Unity Renewables has been working on this project with Open Door Mission, Pacific Northwest National Laboratory, and other partners since its inception to ensure the technology solutions meet the project's equity objectives.

Unity Renewables will collaborate with the Open Door Mission to create training opportunities for local community members, helping them develop the skills necessary to participate in the growing renewable energy sector.
It will also provide project management support and work closely with project partners to deploy the energy system to vision.

Unity Renewables is committed to working with Open Door Mission and supporting the Solar Plus Battery Storage Project for several reasons:

Local impact: As a Rochester-based company, we are deeply committed to supporting projects that benefit our community, promote environmental sustainability, and create local jobs.

Shared values: We share Open Door Mission's commitment to addressing environmental and social challenges through innovative solutions, making this partnership a natural fit.

Long-term relationships: Our collaboration with Open Door Mission will help build a strong foundation for future partnerships and joint initiatives, further strengthening our presence and impact in the local community.

The requested grant funding of $500,000 would support the installation of the proposed energy storage and EV charging infrastructure, as well as workforce development and job training initiatives. This grant would be instrumental in advancing the Open Door Mission's Energy Storage for Social Equity (ES4SE) Initiative and achieving our shared goals of improving environmental and public health outcomes, promoting resilience, and creating new job opportunities in the clean energy sector while advancing equitable justice for all.

Thank you for considering this grant application.

Sincerely,

Brandon Maharaj
Unity Renewables, LLC
President and Co-Founder
Ex. 6 - Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)

THE SENATE
STATE OF NEW YORK

SENATOR
JEREMY A. COONEY
56TH DISTRICT

Albany Office:
Room 802 Legislative Office Building
Albany, New York 12247
Ex. 6 - Personal Privacy (PP) • Fax: Ex. 6 Personal Privacy (PP)

District Office:
280 East Broad St., Suite 110
Rochester, NY 14604
Ex. 6 - Personal Privacy (PP) • Fax: Ex. 6 Personal Privacy (PP)

E-mail Address: cooney@nysenate.gov
Webpage: cooney.nysenate.gov

Chair
Procurement and Contracts

Committees
Commerce, Economic Development and Small Business
Cultural Affairs, Tourism, Parks and Recreation
Ethics and Internal Governance
Finance
Insurance
Transportation

United States Environmental Protection Agency
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

April 11, 2023

To Whom This May Concern:

As a State Senator representing the City of Rochester, I am writing to support a grant application on behalf of the **Open Door Mission's Energy Storage for Social Equity (ES4SE) Initiative**. I am committed to advancing environmental justice, sustainability, and equitable justice in our community. As an elected leader, I believe this project will improve local environmental and public health outcomes, enhance community resilience, and promote clean energy job creation in Rochester.

This project, located in my district, aims to improve community resilience, reduce fossil fuel emissions, and promote equitable justice through the installation of a 2.05 MWh lithium-ion battery, a 31-kW rooftop solar array, and a 20-kW carport with dual-port EV charging stations connected to the battery system. The Open Door Mission project has the potential to make a significant impact on environmental and public health outcomes in Rochester, particularly in neighborhoods that have historically been excluded from decision-making processes. Our city experiences disproportionately high asthma rates, and limited access to healthcare services that exacerbates this issue. By transitioning away from diesel or fossil generators, the project would significantly reduce the health impacts on vulnerable community members, particularly shelter residents. The battery storage would also reduce hyper-local air and noise pollution, promoting a cleaner and healthier environment.

In addition to the environmental benefits, the Open Door Mission project would provide critical resilience in potential disaster events, ensuring the continuity of critical services, particularly for the Mission's food bank efforts. Backup power would also maintain the refrigeration of food and supplies during outages, avoiding significant losses. Moreover, the project would create new job opportunities in the clean energy sector and prioritize the hiring of local workers and the provision of training for system maintenance.

This grant would be instrumental in advancing the Open Door Mission's Energy Storage for Social Equity (ES4SE) Initiative and achieving our shared goals of improving environmental and public health outcomes, promoting resilience, and creating new job opportunities in the clean energy sector while advancing equitable justice for all.

Thank you for considering this grant application, and please contact me if I can provide additional information to support at Ex. 6 - Personal Privacy (PP)

Sincerely,

Jeremy A. Cooney
New York State Senator

Ex. 6 Personal Privacy (PP)
1900 Empire Blvd, Suite 143
Rochester, NY 14609
(c) Ex. 6 - Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)

SUMMARY

1. **Innovative, result-oriented, motivated businessman and attorney**
2. **Tested advocate, skilled negotiator, trial attorney, trusted advisor and has advised and assisted multiple clients navigate through bet-the-company litigation and related critical issues**
3. **Serving in various capacities including board level positions in community organizations such as Open Door Mission, Faith Heritage School, Development of Indo-Asian Leaders (DIAL), Boys and Girls Club, Young Entrepreneurs Academy**

EXPERIENCE

Unity Renewables LLC — ROCHESTER, NY
VP OF STRATEGY AND GENERAL COUNSEL — JANUARY 2023--PRESENT

- Advocating for LMI Consumers, strategizing legal issues, and ensuing access to renewables for non-profits and other underserved.

VAST Enterprise Solutions LLC — ROCHESTER, NY
PRESIDENT OWNER/OPERATOR — JUNE 2020-PRESENT

- Focusing on providing client-focused solutions including light aluminum manufacturing and working with electrical technologies including LED Lighting.

Vivek Thiagarajan Esq. — ROCHESTER, NY
BUSINESS AND COMMERCIAL ATTORNEY/COACH — AUGUST 2020- PRESENT

- Strategically advising corporate, individuals, and non-profit clients through litigation, COVID-19 business transitions, contract review and other related matters.
- Coaching Executive Directors of multiple organizations through transitions, COVID-19, and other specific targeted needs

MORGENSTERN DEVOESICK PLLC — ROCHESTER, NY
BUSINESS AND COMMERCIAL ATTORNEY — MAY 2013- AUGUST 2020

- Argued, briefed, and analyzed multiple complex appeals to the Fourth Department Appellate Court of New York, submitted appeals to the Court of Appeals
- Analyzed, argued, briefed, and tried multiple complex bet-the-company litigation to verdict, negotiated favorable settlements, handled numerous dispositive and motions, and handled extensive discovery .
- Handled and recovered significant amounts in complex bankruptcy and breach of contract actions, analyzing the implications of 21-year bankruptcy case, arguing in the State and Bankruptcy Court, negotiating settlements, strategizing potential organizational takeover, and developing innovative client-oriented solutions
- Examined approximately 30 witnesses in trials, arbitrations, estate proceedings, and administrative hearings
- Advised and negotiated high-C level employment contracts, company exits, and related company issues

HARRIS BEACH PLLC — ROCHESTER, NY
BUSINESS AND COMMERCIAL LITIGATION ASSOCIATE, SUMMER ASSOCIATE — JUNE 2007–MAY 2013

- Investigating accident sites, interviewing injured parties, preserving evidence, interviewing witnesses, including police officers and firefighters, assisting clients in official statements, requesting FOIL disclosures, issuing advisory letters, preparing witnesses, appearing in administrative hearing, tracking criminal trial, and negotiating $1,000,000 settlement
- Drafting, editing, and arguing motions, including summary judgment and discovery motions in various courts
- Preparing, conducting, and defending plaintiff, defendant, and third-party depositions throughout New York State, including in Buffalo, Rochester, and New York City
- Interviewing 30 fact witnesses regarding potential criminal activity, compiling evidence, researching potential criminal violations, and collaborating with New York State Police and Federal Bureau of Investigation

FINGERLAKES OF THE GOODWILL — ROCHESTER, NY
BOARD OF DIRECTORS, PLANNING BOARD COMMITTEE MEMBER — 2022-Present

- Strategizing, developing, and assisting the CEO and lead through POST-COVID transition and operations

OPEN DOOR MISSION — ROCHESTER, NY
CHAIRMAN OF BOARD OF DIRECTORS, STEERING COMMITTEE DEVELOPMENT SUBCOMMITTEE MEMBER — 2012–2023

- Revising and implementing new board policy governance model while evaluating and hiring new executive director
- Coaching Executive Director and Executive Leaders through assisting in creating more effectiveness for the organization
- Developing branding strategy to enable Open Door Mission to increase its current stakeholders
- Preparing Open Door Mission for capital campaign to become a community leader in fighting homelessness

DIAL (DEVELOPMENT OF INDO-ASIAN LEADERS) ROCHESTER, NY
BOARD OF DIRECTORS 2019–PRESENT

- Developing branding strategy to enable DIAL to increase its current stakeholders and continued training in Non-Profit Leadership Positions

UNITED STATES DISTRICT COURT WESTERN DISTRICT OF NEW YORK ROCHESTER, NY
JURY UTILIZATION AND MANAGEMENT STANDING COMMITTEE, CO-CHAIR DIVERSITY SUBCOMMITTEE 2012–2014

- Analyzing jury management issues and try to enhance jurors' current experiences
- Creating a forum for interested stakeholders, including public and private interests, prosecution and defense, assessing and eliminating potential roadblocks that currently inhibit federal jury pool diversification
- Proposing and working with local organizations and working with State Legislator to enact specific substantive policy changes to increase racial diversity in federal jury pools

MONROE COUNTY BAR ASSOCIATION ROCHESTER, NY
DIVERSITY COMMITTEE, CO-CHAIR JOB FAIR SUBCOMMITTEE 2009–2013

- Increasing job opportunities for diversity law clerks and laterals by designing and implementing Diversity Job Fair
- Promoting diversity as key-note speaker for local bar association functions including Law Day and Jazz for Justice
- Organizing and moderating high-level discussion panels with federal and state judges and local partners

DEFENSE RESEARCH INSTITUTE YOUNG LAWYERS COMMITTEE NATIONAL ORGANIZATION
CO-CHAIRMAN OF DIVERSITY COMMITTEE, FORMER VICE CHAIR OF DIVERSITY 2011-2013

- Developing and facilitating exclusive members-only workshops for nationally-respected experts to share their experiences

BOYS AND GIRLS CLUB ROCHESTER, NY
GALA COMMITTEE, STUDENT MENTOR 2009–2013

- Planning, innovating, and executing premiere Rochester social networking event raising over $150,000 annually
- Mentoring youth and providing them guidance to develop Rochester-based magazine

YOUNG ENTREPRENEURS ACADEMY ROCHESTER, NY
INSTRUCTOR AND GUEST SPEAKER 2009–2013

- Teaching youth and equipping them with business acumen through teaching them about business plans
- Enabling students to launch viable companies through helping them choose business entities and launch business
- Providing youth with targeted legal advice for small businesses and mentoring socially-minded business owners

FAITH HERITAGE SCHOOL SYRACUSE, NY
DIRECTOR BOARD OF TRUSTEES, ALUMNI COMMITTEE BOARD LIAISON, DEVELOPMENT SUBCOMMITTEE MEMBER 2009–2017

- Revising and implementing new board policy governance model while evaluating and hiring new headmaster
- Collaborating with headmaster to create inaugural Faith Heritage Alumni Board Association
- Innovating and creating Class Champions fundraiser objective that assisted Faith Heritage to increase additional revenue

EDUCATION

COLLEGE OF LAW, SYRACUSE UNIVERSITY SYRACUSE, NY
DOCTOR OF JURISPRUDENCE IN MAY 2009; ADMITTED IN NEW YORK FEBRUARY 2010

Honors: Rochester Legal Diversity Clerkship Recipient; Harris Beach Diversity Scholarship Recipient
Activities: Research Assistant, Constitutional Law; President, Christian Legal Society; Vice President, South Asian Law Students Association; Intramural Flag Football
Electives: Atrocity Law; Trial Advocacy; Evidence; Constitutional Criminal Procedure; Criminal Law
Papers: SCHIP Expansion: The nation's next chapter in its struggle toward national health care expansion; Peace or Justice? Uganda's LRA quandary; A Binary Economic Supplement for the Social Entrepreneur

MAXWELL SCHOOL OF CITIZENSHIP AND PUBLIC AFFAIRS, SYRACUSE UNIVERSITY SYRACUSE, NY
MASTER OF PUBLIC ADMINISTRATION MAY 2009

Honors: Golden Key International
Activities: Middle East Senior Desk Officer, Impunity Watch (Human Rights Journal)
Electives: Health Care Economics; Public Affairs Colloquium; Public Budgeting; Public Organizations
Papers: Taiwan's National Health Insurance: A Solution to Limit Rising Costs; The New York State Budget: solving the problems of structural and cyclical instability

GROVE CITY COLLEGE GROVE CITY, PA
B.A. IN POLITICAL SCIENCE MAY 2006

Honors: Man of the Year finalist; Homecoming King; Alumni Partial Scholarship Recipient
Activities: Resident Director; Resident Assistant; Prisoner Advisor; Juvenile Delinquent Mentor; Chairman of Inner City Outreach; Invisible Children Advocate; Volunteer Team Leader, Costa Rica and Memphis; Intramural Sports

Ex. 6 Personal Privacy (PP)

Clean Energy Professional

Address 1900 Empire Blvd, STE 143. Rochester NY 14609
Phone Ex. 6 - Personal Privacy (PP)
E-mail Ex. 6 - Personal Privacy (PP)
LinkedIn Ex. 6 Personal Privacy (PP)

Clean energy professional with experience in the valuation of renewable projects, energy storage and the inclusion of innovative financing. Strengths lie in communicating technical and financial concepts for various audiences. Enjoys analytical and strategy work, participating in interdisciplinary teams and being challenged to solve problems.

Work History

2023-01 - Current

VP of Corporate Affairs

Unity Renewables , Rochester NY

- Leads corporate affairs in managing relations with government agencies and stakeholder engagement.
- Partnerships to develop renewable energy projects in collaboration with community organizations and local governments.

2022-01 - Current

Director of Strategy

Joule Assets, Katonah NY

- Led engagement with federal agencies and a national non-profit to further opportunities for the Community Choice Aggregation (CCA) industry
- Won technical assistance for a joint battery storage project with Open Door Mission, an emergency housing and shelter in Rochester NY, as the first phase of the Department of Energy's Energy Storage for Social Equity Initiative
- Directed the offering of a new product supporting municipalities to originate their own community solar and storage
- Investigated municipal sustainability actions that can be paired with CCA and the business models of add-ons

2021-01 - 2021-12

Regulatory Affairs and R&D Manager

Joule Assets , Brussels / Katonah NY

- Led the Energy Efficiency Financial Institutions Group (EEFIG) subgroup to report on buildings for the European Commission
- Tracked regulatory and market developments related to renewable energy markets and CCA in New York and engaged industry stakeholders on current issues to interface with state agencies (NYSERDA)
- Managed a small team and supported professional growth

2019-08 - 2021-01

Strategic Analyst

Joule Assets Europe, Brussels

- Market research and analysis to support European Horizon 2020 projects on financing of energy efficiency
- Led consulting and research engagements for regulatory bodies in the EU and U.S.

2017-06 - 2018-10

Consultant

Compass Renewable Energy Consulting, Toronto, ON

- Supported clients through project capacity feasibility of solar net metering and battery storage systems, financial modelling and valuation of solar/energy storage solutions

2014-05 - 2015-04

Engineering Assistant

Regional Municipality of York, Newmarket, ON

- Business and sustainability planning of energy management for municipal water and wastewater infrastructure
- Responsible for licensing of 28 solar photovoltaic projects as part of the Feed-in Tariff Program.

Education

2018-10 - 2019-05

Master in Global Energy Transition And Governance

Centre International De Formation Européenne - Nice And Berlin
Research methodology, drafting policy and strategy papers. Soft skills include negotiation, team work in international and multicultural environments, and communication.
Awarded a research grant from the EDF Comité d'histoire de l'électricité et de l'énergie

2011-09 - 2016-05

Bachelor of Applied Science: Materials Science and Engineering

University of Toronto
Design of Appropriate Technologies for Global Development, Energy Policy

Certifications and Affiliations

Women in Renewable Energy (WiRE)
Financial Modeling & Valuation Analyst (FMVA) Certification In Progress

Open Door Mission Solar Plus Battery Storage Application Workplan

1.0 PROGRAM OBJECTIVES

a) Project Summary Page

Project Title: Open Door Mission Solar Plus Battery Storage Project in Rochester
Project Location: 156 N Plymouth Ave, Rochester, NY 14608, USA
Applicant Information:
Open Door Mission, Inc.
156 N Plymouth Ave, Rochester, NY 14608, USA
Main Contact:
Anna Valeria-Iseman
Ex. 6 - Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)

Brief Description of Applicant Organization:
Established in 1952, The Open Door Mission is a 501(c)(3) non-profit Christian Rescue Mission founded to provide for the spiritual and physical needs of the impoverished and homeless men, women, and children of Rochester, New York by restoring hope and changing lives.

Are you applying for the Small CBO Set Aside Track for $150,000 projects? No

Project Abstract: The Open Door Mission Solar Plus Battery Storage Project is a collaboration with stakeholders in Rochester New York aimed at strengthening the resilience and cost-effectiveness of vital community services, while addressing environmental justice concerns. Focused on the 156 Plymouth Avenue North facility, the project will ensure the continuity of essential services like emergency shelter, warming and cooling facilities for the homeless, and hot meal provisions during power outages and severe weather events.

By implementing a Battery Energy Storage System (BESS) and solar power, the project will reduce reliance on fossil-fuel-powered generators thereby minimizing noise pollution, poor air quality, and health issues. The initiative addresses multiple challenges faced by the local community, such as limited healthcare access, high crime rates, low transportation access, persistent poverty, and insufficient homeless shelter capacity in Rochester.

Key activities include the installation of a 2.05 MWh lithium-ion battery, a 31 kW rooftop solar array, and a 20 kW carport with dual-port EV charging stations, promoting clean

transportation and encouraging affordable car-sharing initiatives. The project's outputs encompass enhanced community resilience during climate-related events, reduced electricity costs for the Mission, and expanded service reach and impact.

Outcomes include the creation of local jobs, workforce development opportunities, training programs, and fostering a model for clean energy solutions in Rochester. This innovative project will serve as an inspiration for addressing environmental justice issues and building a brighter, healthier future for the local community.

Project Type(s): Small scale construction

Special Considerations: Yes - Projects addressing Climate Change, Disaster Resiliency, and/or Emergency Preparedness

Environmental Issue: Air Quality

List of Project Partners:
Open Door Mission – CBO
Unity Renewables – Local Company
Pacific Northwest National Laboratory – Academic
City of Rochester – Local Government

Will you need to develop a QAPP for your project? No

b. Environmental and Public Health information of the Underserved Community

The underserved community directly impacted by disproportionate environmental and public health harms and risks in downtown Rochester comprises individuals facing the following challenges: poverty, low educational attainment, high unemployment, and inadequate access to healthcare. This underserved community is predominantly concentrated in areas with high census tract poverty and low-income status. They experience health disparities, such as elevated adult asthma rates in the 90th percentile, and are medically underserved.

What are the environmental/public health issue(s) that the project seeks to address?

The environmental and public health issues that the Open Door Mission Solar Plus Battery Storage Project seeks to address include reliance on fossil-fuel-powered generators during power outages and severe weather events, which contribute to noise pollution, poor air quality, and health problems. Additionally, the community faces high

energy burdens due to unemployment, poverty, and discriminatory hiring practices, which exacerbate existing challenges.

What are the environmental/public health results the project seeks to achieve and how will the underserved community benefit from those results?

The project aims to achieve the following environmental and public health results:

1. Enhanced community resilience during climate-related events by ensuring the continuity of essential services, such as emergency shelters and hot meal provisions.
2. Reduced reliance on fossil-fuel-powered generators, resulting in decreased noise pollution, improved air quality, and minimized health issues, particularly benefiting those with asthma.
3. Increased access to clean transportation through the adoption of EV charging infrastructure, promoting affordable car-sharing initiatives, and reducing transportation-related emissions.

The underserved community will benefit from these results by experiencing improved environmental conditions, better public health outcomes, and reduced energy burdens. Additionally, the project will create local jobs, workforce development opportunities, and training programs, addressing unemployment and hiring discrimination issues. By fostering a model for clean energy solutions and prioritizing local workforce development, the project will empower the community and contribute to a brighter, healthier future for downtown Rochester.

The Open Door Mission Solar Plus Battery Storage Project addresses climate change, disaster resiliency, and emergency preparedness in several ways:

1. Climate Change: By implementing a solar plus storage system, the project promotes clean energy generation and reduces greenhouse gas emissions associated with fossil-fuel-powered generators. This transition to renewable energy sources directly contributes to climate change mitigation efforts.
2. Disaster Resiliency: The Battery Energy Storage System (BESS) ensures that essential community services, such as emergency shelters and hot meal provisions, shall continue uninterrupted during power outages and/or severe weather events. By maintaining these critical services, the project enhances the community's ability to respond and adapt to disasters and extreme weather conditions, improving overall resiliency. Additionally, due the fact that the Mission serves those most vulnerable, during a disaster event increasing the resiliency

prevents others from committing crimes and other actions if they do not have access to necessary food, water, and shelter.

3. Emergency Preparedness: The project's focus on clean energy resilience helps the Mission prepare for emergencies that may result from climate change-induced events. The BESS guarantees that the Mission remains operational during disasters, providing essential services to vulnerable populations when they are needed most. Additionally, the inclusion of EV charging infrastructure promotes clean transportation options, further supporting emergency preparedness by ensuring access to fast chargers and encouraging affordable car-sharing initiatives.

Overall, the Open Door Mission Solar Plus Battery Storage Project contributes to climate change mitigation, enhances disaster resiliency, and improves emergency preparedness in the Rochester community. By addressing these interrelated issues, the project demonstrates a comprehensive approach to environmental sustainability and community well-being.

c. Organization's Historical Connection to Underserved Community

Our organization, the Open Door Mission, has a strong historical connection to the underserved community in Rochester. We were founded in 1952 to provide food and shelter to the homeless, and since then, we have expanded our services to include job training, addiction recovery, and women and children's programs. Recently we have developed low income housing programs for those who have graduated from our programs where we can provide additional supportive services.

Our staff and volunteers are from the community, and we work closely with other organizations that serve the underserved community. Currently, we are the only location in Monroe County that is a recognized warming shelter which is where the homeless or others who do not have a place to go come to us during the day. We have over 50 emergency beds and can keep almost 100 people overnight and have had near capacity during the Code Blue (cold winter days). Additionally, we have men and women who are in our other programs including the women and children's programs.

We are committed to community-driven participation, and we involve community residents and organizations in our decision-making process. Our board of directors is made up of community members, and we hold regular community meetings to get feedback from residents and share information about our work. We also work closely with community residents to develop and implement programs that meet their needs.

In terms of addressing local environmental and public health issues, we have worked with the underserved community in a variety of ways. For example, we provide food to people in need, including fresh produce from our community gardens. We also advocate for policies that support the underserved community, such as affordable housing and

healthcare. Additionally, we work with other agencies to provide services that address the root causes of poverty and homelessness, such as job training and addiction recovery.

Overall, our organization has a deep and longstanding commitment to serving the underserved community in Rochester. We have a strong historical connection to the community, and we work closely with community residents and organizations to address local environmental and public health issues.

We are dedicated to community-driven participation and involving the community in our decision-making process, and for this grant we have spent significant time, resources, and energy working with other individuals and organizations to develop this plan to add additional resiliency.

d. EJCPS Model

For the Open Door Mission Solar Plus Battery Storage Project, several elements of the EJCPS Model will be undertaken, with some elements already accomplished or in progress:

1. Issue Identification, Community Vision, and Strategic Goal Setting: The project addresses the issue of clean energy resilience and aims to provide uninterrupted essential services during power outages and severe weather events. The community vision is to promote a clean and sustainable energy future while improving disaster resiliency and emergency preparedness. The strategic goals include the installation of a solar plus storage system, enhanced community capacity, and the establishment of multi-stakeholder partnerships.
2. Community Capacity-Building and Leadership Development: The project will involve capacity-building through community education and awareness programs on renewable energy and disaster preparedness. The project will also aim to identify and mobilize individuals and organizations that can provide technical assistance and resources.
3. Consensus Building and Dispute Resolution: The project will engage stakeholders in a consensus-building process to ensure that diverse perspectives are considered and that disagreements are resolved effectively.
4. Multi-Stakeholder Partnerships and Leveraging of Resources: Partnerships with local government agencies like the City of Rochester, businesses such as Unity Renewables, academia represented by Pacific Northwest National Laboratory, and civic organizations will be established to access resources and expertise, facilitate coordination and communication, and ensure the project's successful implementation.
5. Constructive Engagement by Relevant Stakeholders: Active involvement and support from businesses, academia, civic organizations, and government

agencies will be sought to ensure the successful implementation of the project, facilitate coordination, and provide resources.

6. Sound Management and Implementation: The project will have clear goals, timelines, and responsibilities to ensure proper management and implementation. Strong leadership and decision-making processes will be established within each stakeholder group to ensure smooth execution.
7. Evaluation, Lessons Learned, and Replication of Best Practices: From the beginning, the project will incorporate evaluation processes to assess its effectiveness, learn from experience, and make necessary adjustments. Best practices and lessons learned will be shared with the community and other stakeholders for replication in similar projects.

Some elements, such as Issue Identification, Community Vision, and Strategic Goal Setting, have already been accomplished or are in progress. As the project progresses, the other elements will be implemented to ensure its success and long-term sustainability.

e. Project Linkages

The Open Door Mission Solar Plus Battery Storage Project supports EPA Strategic Plan Goal 2, Objective 2.1 by promoting environmental justice and civil rights at federal, tribal, state, and local levels. This is achieved through the following strategies:

1. Building capacity, climate resilience, and maximizing benefits to overburdened and underserved communities: The project provides clean and sustainable energy to a vulnerable population, improving their access to essential services during power outages and severe weather events. It also enhances community capacity through education and awareness programs on renewable energy and disaster preparedness, in which Unity Renewables plays a significant role as a project participant, with the support of Pacific Northwest National Laboratory.
2. Engaging and supporting federal, state, and local governments to achieve results in communities: The project involves a multi-stakeholder partnership, including the City of Rochester, which demonstrates the collaboration between government agencies, businesses, academia, and civic organizations. The City of Rochester plays a vital role in sponsoring the project and ensuring its successful implementation.

By addressing clean energy resilience, the project not only contributes to environmental justice but also empowers and builds the capacity of underserved and overburdened communities. It aligns with the EPA's commitment to integrate equity throughout its programs and provide direct benefits to communities with environmental justice concerns. Furthermore, the project supports communities adapting to and recovering from climate change by promoting clean energy solutions and enhancing disaster preparedness. This

commitment aligns with E.O. 13985, advancing equity in all EPA policies, programs, and activities.

Through the Open Door Mission Solar Plus Battery Storage Project, EPA can demonstrate its commitment to supporting the efforts of community members and organizations while meaningfully engaging government programs. By integrating environmental justice and civil rights into policies and activities, the project sets a strong example for collaboration between federal, state, and local partners to achieve beneficial changes for communities.

f. Partner and Collaborate

Project promotes collaboration with partners from multiple stakeholder groups to develop solutions addressing environmental and public health issues. The project will accomplish its goals through diverse partnerships, leveraging the unique strengths and resources of each partner.
Partners involved in the project:

1. Open Door Mission: Non-profit organization (Stakeholder group: Community service)
    - Role: Project lead, managing overall project implementation and coordination
    - Contribution: Providing the project site and access to the community they serve
    - Resources: Existing facilities, staff, and community connections
    - Vested interest: Enhancing their capacity to support vulnerable populations during power outages and severe weather events
    - Relationship maintenance: Regular communication and progress reporting, engaging in the planning and evaluation process
2. Unity Renewables: Local Rochester company (Stakeholder group: Industry/Business)
    - Role: Workforce development, coordinating training and job opportunities related to the project
    - Contribution: Expertise in renewable energy and workforce development
    - Resources: Technical know-how, equipment, and skilled personnel
    - Vested interest: Strengthening their local presence, corporate social responsibility, and enhancing their reputation
    - Relationship maintenance: Collaboration in planning, implementation, and evaluation of workforce development activities, sharing resources and expertise

3. Pacific Northwest National Laboratory (PNNL) through the Department of Energy's Energy Storage Social Equity (ES4SE) Program: Academic partner (Stakeholder group: Academia)
    - Role: Research, evaluation, and technical assistance
    - Contribution: Expertise in renewable energy technologies, energy storage, and system integration
    - Resources: Research infrastructure, knowledge, and technical expertise
    - Vested interest: Advancing research, contributing to community resilience, and promoting environmental sustainability
    - Relationship maintenance: Active engagement in project development, implementation, and evaluation, sharing research findings and best practices
4. City of Rochester: Local government sponsor (Stakeholder group: Government)
    - Role: Project sponsorship, regulatory support, and coordination with other local initiatives
    - Contribution: Funding, policy support, and facilitating necessary permits and approvals
    - Resources: Financial resources, connections with other local initiatives, and policy expertise
    - Vested interest: Improving local environmental and public health outcomes, enhancing community resilience, and promoting clean energy
    - Relationship maintenance: Regular communication, progress reporting, and active involvement in project planning, implementation, and evaluation

The applicant organization plans to maintain and sustain these relationships through regular communication, progress reporting, joint decision-making, and active engagement in project planning, implementation, and evaluation.

2.0 Project Activities / Milestone Schedule

a. Project Activities

1. Project Planning and Design:
    - Conduct a comprehensive feasibility study to assess the site's potential for solar and battery storage installation.
    - Develop a detailed project plan, including timelines, budget, and resource allocation.
    - Milestone 1: Open Door Mission board approval of system design (Deliverable: Board approval)
    - Engage stakeholders and partners in the project planning process to ensure alignment of goals and expectations.

2. Community Engagement:
    - Organize community meetings and workshops to raise awareness about the project, gather input, and address concerns.
    - Establish a community advisory board to ensure ongoing communication and collaboration throughout the project's implementation.
3. Workforce Development and Training:
    - Partner with Unity Renewables to develop a comprehensive training program for local residents in solar panel installation, battery storage systems, and maintenance.
    - Conduct workshops and training sessions to build the capacity of the local workforce.
4. Solar Panel and Battery Storage Installation:
    - Milestone 2: City of Rochester integrates available credits in CCA program.
    - Milestone 3: Develop Request for Proposal (RFP) (Deliverable: Completed RFP ready for bids)
    - Milestone 4: Design Completion (Deliverable: Construction-ready drawings)
    - Milestone 5: Submit Interconnection Application (Deliverable: Completed application with confirmation that it is in the interconnection queue)
    - Procure and install solar panels and battery storage systems at the Open Door Mission site.
    - Implement energy efficiency measures and optimize system performance to maximize energy generation and storage capacity.
    - Milestone 6: City sign off for permits if required (Deliverable: Municipal permits depending on BESS location)
    - Milestone 7: Ground-breaking Ceremony (Deliverable: Ground-breaking event)
5. Monitoring and Evaluation:
    - Regularly monitor the project's progress, energy generation, and system performance.
    - Evaluate the project's impact on energy savings, greenhouse gas emissions reduction, and community resilience.
    - Share results and best practices with stakeholders and partners to inform future projects and improvements.
6. Outreach and Dissemination:
    - Develop communication materials, such as case studies, reports, and presentations, to share the project's successes and lessons learned with a broader audience.
    - Present the project's results at conferences, workshops, and other relevant events to promote knowledge sharing and replication of the model in other communities.

7. Project Completion:
    - Milestone 8: Equipment Delivery (Deliverable: BESS and PV array delivered to staging area)
    - Milestone 9: System Commissioning (Deliverable: Baseline operational parameters recorded)
    - Milestone 10: Utility Interconnection (Deliverable: Utility approval for system operation)

b. Milestone Schedule

Milestone and Description	Anticipated Completion
Milestone 1: Open Door Mission board to approve finalize project, location, estimated costs and any other required information	September 2023
Milestone 2: Coordinate with the City of Rochester to obtain available funds for workforce development training associated with installation and champion the project in its Green Economy working group	October 2023
Milestone 3: Engage Sandia National Laboratory (SNL) through the Energy Storage for Social Equity Program to assist with technical aspects of RFP development and receive SNL concurrence that RFP is ready to solicit bid proposal(s)	November 2023
Milestone 4: Evaluate received bid proposal(s) and select vendor, Review vendor design drawings at pre-determined intervals, i.e., 30%, 60%, and 90%	January 2024
Milestone 5: Gather system drawings and other information required for Utility Interconnection Application, Submit application, respond to utility requests for any additional information	February 2024
Milestone 6: If required, obtain city permits based on BESS placement	March 2024
Milestone 7: Plan community event to include all stakeholders, local representatives, community members, and press to a ground breaking ceremony	April 2024
Milestone 8: Monitor beginning stages of construction activities to include equipment being delivered to site	May 2024
Milestone 9: Documentation of system checks to gather a baseline assessment of whether all components function properly individually and together as a system	June 2024
Milestone 10: Place system into operation	June 2024

3.0 Environmental Results

a. Environmental Results (Logic Model) – Submitted as an attachment.

b. Performance Measurement

To effectively track and monitor project performance and progress throughout the project period, a comprehensive plan involving both quantitative and qualitative assessments is necessary. In this case, there are multiple KPIs, including training opportunities created, emissions avoided, resilience provided, jobs created/sustained, renewable energy generated, energy cost savings, energy storage capacity, EV charging instances, community engagement and outreach, and system reliability and performance. This plan can be broken down into five key steps:

1. Establish Key Performance Indicators (KPIs): Determine the critical KPIs for the project, encompassing various aspects of project objectives and desired outcomes. These KPIs should cover workforce development, environmental impact, economic benefits, and community engagement.
2. Develop a Monitoring and Evaluation (M&E) Framework: Create an M&E framework outlining the data collection methods, frequency, and tools needed to measure the established KPIs. This framework should also define the roles and responsibilities of project team members in relation to data collection, monitoring, and evaluation. The framework should be tailored to each KPI, as different indicators may require different data collection methods and tools.
3. Implement Data Collection Systems: Establish data collection systems and tools, such as project management software, spreadsheets, or online surveys, to gather quantitative and qualitative data on each KPI. Train project team members on the use of these systems and ensure they understand their roles in data collection and reporting.
4. Regular Reporting and Reviews: Schedule regular reporting and review sessions with the project team and stakeholders to discuss project progress, performance against KPIs, and any necessary adjustments to the project plan. These sessions can be held monthly or quarterly, depending on the project's timeline and complexity. Use these meetings to assess the effectiveness of the M&E framework and adjust it as needed.
5. Continuous Improvement and Lessons Learned: Analyze the data collected through the M&E framework to identify trends, patterns, and areas for improvement across all KPIs. Use this information to make data-driven decisions and adjustments to the project plan as needed. Document lessons learned throughout the project and share them with the project team and stakeholders to inform future projects and initiatives.

c. Sustainability Plan and Community Vision

The Open Door Mission can utilize the results and momentum of the proposed Solar Plus Battery Storage Project to come closer to achieving the community's goals and objectives in several ways:

1. Resilience and Reliability: The project will enhance the community's energy resilience and grid reliability, ensuring that essential services continue to operate during power outages or other emergencies. By promoting the project's benefits in this area, the Open Door Mission can encourage local government and businesses to invest in similar initiatives to strengthen community resilience while offering a resilience hub to those most vulnerable.
2. Energy Cost Savings: The Battery Storage Plus Solar Project will lead to energy cost savings for the Open Door Mission. By redirecting money otherwise spent on energy costs, the Open Door Mission can expand the reach and impact of its core programs and services for the community.
3. Job Creation and Training Opportunities: The project's collaboration with Unity Renewables will develop training and employment opportunities for community members, which will help reduce unemployment rates and contribute to local economic growth. By continuing to collaborate with local businesses and organizations, the Open Door Mission can create even more opportunities for workforce development and community empowerment.
4. Environmental Benefits: The renewable energy generated by the solar and storage system in addition to avoided fossil fuels from EV charging will result in reduced greenhouse gas emissions. By sharing the project's environmental successes with the community, the Open Door Mission can encourage residents and businesses to adopt sustainable practices and support other green initiatives.
5. Community Engagement and Outreach: The project offers an opportunity for the Open Door Mission to engage with the community through outreach related to the project. By building strong relationships with community members and involving them in the project's development and operation, it can foster community ownership and commitment to the project's long-term success.

The community has a vested interest in sustaining the project's momentum because it aligns with its goals and objectives in several key areas, such as economic development, environmental sustainability, energy resilience, and community empowerment. By demonstrating the project's positive impacts, the Open Door Mission can showcase what is possible for similar initiatives in the future. Additionally, the tangible benefits of the project, such as job creation, cost savings, and increased resilience of critical infrastructure, will directly impact the community's quality of life, further reinforcing their commitment to the project's long-term success.

4.0 Programmatic Capability

Organizational Experience and Infrastructure: The program management team will be conducted with Unity Renewables with the Open Door Mission. The Open Door Mission has a proven track record of successfully implementing community-based projects, including a recently created affordable housing program, women and children's shelter, and other related projects. Unity Renewables team members have demonstrated their commitment to sustainability and environmental justice through previous initiatives, and their infrastructure is well-suited for the proposed project.

Staff Experience and Qualifications of Project Manager: The proposed Project Manager, Brandon Maharaj, has extensive experience in community engagement and sustainability initiatives. He has collaborated with community leaders and politicians at various levels to promote environmental and economic equity in the renewables industry. Brandon's experience in community engagement, as well as his experience working at construction companies and developing and monitoring IT projects provide him the ability to oversee the implementation of the project--both from the construction and technology side.

Unity Renewables Co-Founder Vivek Thiagarajan, an attorney and community leader, brings additional expertise to the project. He has a demonstrated commitment to community development, serving as the past Chairman of the board for the Open Door Mission and a current board member for the Goodwill of the Finger Lakes. Vivek's involvement in local boards and organizations has given him connections and insights into the community's needs and interests. His perspective will be valuable in ensuring that the proposed project is developed with the community's best interests in mind.

Divia Hobson brings valuable experience in the renewable energy industry from her expertise on the finance and regulatory side. She has extensive experience in battery projects and has taught on related matters. Focused most recently on community solar and storage in New York, she has led project origination directly with municipalities, supported community solar campaign adoption in Community Choice Aggregation programs and managed consulting engagements for NYSERDA on topics related to the economic impact and job potential of solar and storage deployment.

Overall, the proposed Project Managers provide the necessary expertise to successfully implement the project.

c. Expenditure of Awarded Grant Funds

As recipient of significant federal funding, Open Door Mission has a system in place to monitor and review financial controls regularly. If awarded this EPA grant, the Mission will adapt its review and update financial controls, systems, and procedures to ensure they remain effective and compliant with EPA requirements.

5.0 Past Performance Submit

HHAP Funding for Coldwater- $2M
HHAP funding for Miller Building-- $6M
Foreclosure Prevention Dollars-
DOE Energy Storage for Social Equity Participant (Technical Assistance from PNNL)

6.0 Quality Assurance Project Plan (QAPP) Information

N/A

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Puerto Rico Public and Applied Social Sciences Workshop Inc.

Address: 8 Simon Madera

City: San Juan

State: PR: Puerto Rico Zip Code: 00924-0000

B. Unique Entity Identifier (UEI): LPZGE294CC29

C. Applicant/Recipient Point of Contact

Name: James O'Malley

Phone: Ex. 6 - Personal Privacy (PP)

Email: jomalley@prpassworkshop.org

Title: Director of Services

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII.	**Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)**	☒ Yes	☐ No
	a. Do the methods of notice accommodate those with impaired vision or hearing?	☒ Yes	☐ No
	b. Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?	☒ Yes	☐ No
	c. Does the notice identify a designated civil rights coordinator?	☐ Yes	☒ No
VIII.	**Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))**	☒ Yes	☐ No
IX.	**Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))**	☒ Yes	☐ No

X. If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.

XI. If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
James A OMalley	Director of Services	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Laura | Middle Name:
Last Name: Gorbea | Suffix: Ph.D.
Title: Executive Director

Complete Address:

Street1: 8 Simon Madera
Street2:
City: San Juan | State: PR: Puerto Rico
Zip / Postal Code: 00924 | Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: lgorbea@prpassworkshop.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: James | Middle Name:
Last Name: O'Malley | Suffix:
Title: Director of Services

Complete Address:

Street1: 8 Simon Madera
Street2:
City: San Juan | State: PR: Puerto Rico
Zip / Postal Code: 00924 | Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: jomalley@prpassworkshop.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: James | Middle Name:
Last Name: O'Malley | Suffix:
Title: Director of Services

Complete Address:

Street1: 8 Simon Madera
Street2:
City: San Juan | State: PR: Puerto Rico
Zip / Postal Code: 00924 | Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: jomalley@prpassworkshop.org

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** | **First Name:** James | **Middle Name:**

Last Name: O'Malley | **Suffix:**

Title: Director of Services

Complete Address:

Street1: 8 Simon Madera

Street2:

City: San Juan | **State:** PR: Puerto Rico

Zip / Postal Code: 00924 | **Country:** USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**

E-mail Address: jomalley@prpassworkshop.org

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:	* 2. Type of Application:	* If Revision, select appropriate letter(s):
☒ Preapplication	☒ New	
☐ Application	☐ Continuation	* Other (Specify):
☐ Changed/Corrected Application	☐ Revision	

* 3. Date Received:	4. Applicant Identifier:
04/14/2023	PR PASS WORKSHOP

5a. Federal Entity Identifier:	5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:	7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name:	Puerto Rico Public and Applied Social Sciences Workshop Inc.

* b. Employer/Taxpayer Identification Number (EIN/TIN):	* c. UEI:
66-0893833	LPZGE294CC29

d. Address:

* Street1:	8 Simon Madera
Street2:	
* City:	San Juan
County/Parish:	
* State:	PR: Puerto Rico
Province:	
* Country:	USA: UNITED STATES
* Zip / Postal Code:	00924-0000

e. Organizational Unit:

Department Name:	Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:		* First Name:	James
Middle Name:			
* Last Name:	O'Malley		
Suffix:			

Title:	Director of Services
Organizational Affiliation:	Puerto Rico Public and Applied Social Sciences Workshop, Inc
* Telephone Number:	Ex. 6 - Personal Privacy (PP)
Fax Number:	
* Email:	jomalley@prpassworkshop.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

1246-affected-areas.pdf | Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Community-based Action Research and Education in Environmental Justice (CARE-EJ/CUIDA)

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: 00-000 * b. Program/Project: 00-000

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 * b. End Date: 10/31/2026

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	500,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name: James

Middle Name:

* Last Name: O'Malley

Suffix:

* Title: Director of Services

* Telephone Number: Ex. 6 - Personal Privacy (PP) Fax Number:

* Email: jomalley@prpassworkshop.org

* Signature of Authorized Representative: James A OMalley * Date Signed: 04/14/2023

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

CARE-EJ

Laura
Gorbea
Ph.D.

Executive Director
8 Simon Madera
San Juan
PR: Puerto Rico
00924
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
lgorbea@prpassworkshop.org

James
O'Malley

Director of Services
8 Simon Madera
San Juan
PR: Puerto Rico
00924
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
jomalley@prpassworkshop.org

James
O'Malley

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00924
USA: UNITED STATES

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PR: Puerto Rico
00924
USA: UNITED STATES

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jomalley@prpassworkshop.org

1234-ejcps-care-ej.pdf
application/pdf
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1235-CARE-EJ_budget(JO)_1.pdf
application/pdf
ClBEo+llgTPbgKJF2MkM0fr8kks=

1236-Letter of Collaboration ' Manati PRPASS-firma victor English.pdf
application/pdf
7q+zOJvHBCyAaBOJF13utlALBlg=

1237-Letter of Collaboration ' Manati PRPASS-firma victor.pdf
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1238-ACC-10 de abril de 2023.pdf
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1239-letter-of-collaboration-ciales.pdf
application/pdf
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1240-james-omalley-resume-cv-TS_1.pdf
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1241-Gorbea_Laura-2020_CV_1.pdf

application/pdf
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1242-LLopezUrrutia-CV.pdf
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1243-EPA-grant_logic-model-water-table.pdf
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W4i2b9i5EoWv2mVeAnVLtd+LqRc=

1244-IRS_66-0893833_PUERTORICOPUBLICANDAPPLIEDSOCIALSCIENCESWORKSHOPINC_03092018.pdf
application/pdf
dc7B3OQOHZeaEMHkp3VOoeE6yzM=

1245-Appendix-QAPP-requirement.pdf
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Puerto Rico Public and Applied Social Sciences Workshop Inc.
8 Simon Madera
San Juan
PR: Puerto Rico
00924-0000

LPZGE294CC29
James O'Malley
EX. 6 - Personal Privacy (PP)
jomalley@prpassworkshop.org
Director of Services
N: No
N: No
Y: Yes
Y: Yes
Y: Yes
N: No
Y: Yes
Y: Yes
James A OMalley
Director of Services
2023-04-14

Preapplication
New
2023-04-14
PR PASS WORKSHOP
Puerto Rico Public and Applied Social Sciences Workshop Inc.
66-0893833
LPZGE294CC29

8 Simon Madera
San Juan
PR: Puerto Rico
00924-0000
USA: UNITED STATES

James
O'Malley

Director of Services
Puerto Rico Public and Applied Social Sciences Workshop, Inc
EX. 6 - Personal Privacy (PP)
jomalley@prpassworkshop.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
1246-affected-areas.pdf
application/pdf

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Community-based Action Research and Education in Environmental Justice (CARE-EJ/CUIDA)
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00-000
2023-11-01
2026-10-31
500000.00
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500000.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
James
O'Malley

Director of Services
EX. 6 - Personal Privacy (PP)
jomalley@prpassworkshop.org
James A OMalley
2023-04-14

1.0
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37025.00
194175.00
194175.00

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11250.00
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Provisional (10%) X $101,250.00 = $10,125.00

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2023-04-14T16:47:37.000-04:00
James A OMalley
GRANT13861680

MUNICIPIO AUTÓNOMO DE MANATÍ
ATENAS DE PUERTO RICO

11 de abril de 2023

James O'Malley, MSW
Puerto Rico Public and Applied Social Sciences Workshop, Inc.- www.prpasssworkshop.org

8 Simón Madera
San Juan, PR 00924
Ex. 6 - Personal Privacy (PP)

Estimado Sr. O'Malley

Como director de la Oficina de Planificación, Ambiente, Desarrollo y Urbanismo (OPADU) del Municipio Autónomo de Manatí, me complace expresar mi apoyo al proyecto de Comunidades Unidas en Investigación y Defensa Ambiental (CUIDA, CARE-EJ, por sus siglas en inglés) liderado por PR PASS. Reconocemos la importancia de abordar los problemas críticos de calidad del agua, conservación y sostenibilidad en nuestra comunidad y apreciamos la dedicación de su organización a esta causa.

Entendemos que el proyecto CARE-EJ tiene como objetivo empoderar a los miembros de la comunidad al construir su capacidad y conocimiento para abordar los desafíos ambientales que afectan sus vidas. El enfoque del proyecto en educación, colaboración e iniciativas impulsadas por la comunidad se alinea con la visión de nuestra ciudad de promover la justicia ambiental, la resiliencia y la sostenibilidad a largo plazo.

En apoyo al proyecto CARE-EJ, nuestra oficina OPADU del Municipio Autónomo de Manatí se compromete a colaborar con PR PASS y otros actores involucrados en diversas capacidades. Ayudaremos a promover las sesiones educativas, talleres y eventos del proyecto para garantizar la máxima participación de la comunidad. Además, facilitaremos el acceso a recursos y espacios relevantes, como centros comunitarios e instalaciones públicas, para las actividades del proyecto.

Creemos que el proyecto CARE-EJ tiene el potencial de crear un impacto duradero y positivo en las comunidades a las que servimos. Esperamos trabajar en estrecha colaboración con PR PASS y otros socios para garantizar el éxito del proyecto en Manatí.

No dude en ponerse en contacto con mi oficina si necesita más información o asistencia. Estamos comprometidos en apoyar el proyecto CARE-EJ y a trabajar juntos hacia un futuro más sostenible y equitativo para nuestra comunidad.

Atentamente,

Víctor M. González Narváez, MP, PPL, GISP
Director OPADU
Municipio Autónomo de Manatí

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Ex. 6 Personal Privacy (PP)

☎ Ex. 6 - Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)
✉ *jomalley@prpassworkshop.org*

Professional Certifications

Social Work Permanent License # Ex. 6 Personal Privacy (PP), *Board of Examiners of Social Workers*, Puerto Rico.

Education

MSW - Social Work Administration, *Interamerican University*, San Juan, Puerto Rico.

BS - Mechanical Engineering, *Washington University*, St. Louis, U.S.

NGO Engagements

2020-present **Technology Lead**, *Habitat for Humanity of Puerto Rico*, San Juan, Puerto Rico.
Working with the organization to identify and implement technology tools to augment evidence based practices and analytics.

2020-present **Project Lead**, *Hogar Cuna San Cristóbal*, San Juan, Puerto Rico.
Working with the organization to identify and implement technology tools to augment evidence based practices and analytics.

2010-2019 **Consultant**, *Coro de Niños de San Juan*, San Juan, Puerto Rico.
Increase organizational capacity for fundraising through CiviCRM. The primary goal of the project is to increase self-sufficiency and organizational capacity.

2012-present **Consultant**, *CienciaPR*, San Juan, Puerto Rico.
Primary technical consultant for CienciaPR (www.cienciapr.org) a non-profit dedicated to providing resources and mentorship to Puerto Ricans pursuing careers in science.

2018-present **Program Director**, *El Hogar de Ayuda el Refugio*, San Juan, Puerto Rico.
Program director, designer, and grant writer for a computer and office skills capacity program for women who have experienced homelessness. Funded by La Fundación Ángel Ramos.

2015-2017 **Volunteer Tutor**, *Vietnam Estudia, Caras de las Américas*, Cataño/Guaynabo, Puerto Rico.
Tutored primary school aged children in their various assigned subjects. Tracked their progress through daily reports on their work. We started a community vegetable garden and created a photography workshop where we learned basic skills and created a photo book.

2002-2011 **Volunteer Chaplain**, *Juvenile Institutions Administration*, Bayamón, Puerto Rico.
Mentored and administered to juvenile inmates in various facilities in Puerto Rico. Our time was principally dedicated to helping youthful offenders understand their value as human beings through weekly encounters and spiritual activities.

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Employment

2018-present **Program Director**, *Puerto Rico Public and Applied Social Sciences Workshop*, San Juan, Puerto Rico.
Responsible for developing new engagements for a 501c3 non profit dedicated to building capacities of other non-profits in the areas of administration, data collection and management, and information technology.

2011-present **Co-founder**, *Altamente GS, LLC*, San Juan, Puerto Rico.
Transformed Internet presence and developed communication and community engagement strategies for clients such as the Puerto Rico Department of Education (www.de.gobierno.pr), the San Juan Children's Choir (www.cnsj.org), Pueblo Supermarkets, Able Sales, Lord Electric, and Holsum of Puerto Rico.

2000-2011 **Co-founder**, *Altamente.com Inc.*, San Juan, Puerto Rico.
Founded Puerto Rico's first technology start-up to receive funding from a seed investment group and went on to become a pioneer in open source and Linux technology solutions. Provided long term services to various non-profit and private entities, among them, the Puerto Rico Products Association (www.hechoenpr.com), the Puerto Rico Manufacturing Association (PRMA), Fundación Ángel Ramos, and the Minority Business Development Agency Business Center (www.puertoricombdacenter.com).

US Army

2002-2003 **Captain, Company Commander**, *597th Quartermaster Company, 1LT Paul Lavergne USARC*, Bayamón, Puerto Rico.
Successfully mobilized the unit and its 108 soldiers under Operation Enduring Freedom.

1998-2002 **Captain, Staff Officer**, *166th Area Support Group, Ft. Buchanan*, San Juan, Puerto Rico.
Monitored maintenance readiness and programs for four battalions for over 1500 soldiers. Successfully planned and executed maintenance program for Joint Task Force Aurora in Guatemala.

Languages

English Native, C2 in CEFR

Spanish Native, C2 in CEFR

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✉ Ex. 6 Personal Privacy (PP) @prpassworkshop.org

Education

1996-2012 **PhD - Applied Anthropology**, *Stanford University*, Palo Alto.
1994-1996 **MA - Cultural Anthropology**, *Stanford University*, Palo Alto.
1989-1993 **BA - Anthropology**, *Washington University*, St. Louis.
1989-1993 **BFA - Sculpture**, *Washington University*, St. Louis.

Research & Grant Writing Engagements

Title "Organizational Ecologies of Recovery: Relationships with Poverty and Health in Puerto Rico"
Affiliation *Co-Principal Investigator, (2020-2021) for the Natural Hazards Center, funded by National Science Foundation (NSF Award #1635593) and supplemental funding from the Centers for Disease Control and Prevention (CDC)*

Title 3D-STEAM Biomedical Research Education Program
Affiliation *Research Design Adviser & Grant writer (2018) for the Recinto de Ciencias Médicas, Universidad de Puerto Rico*

Title The Changing Social Construction of Failure in Public Education
Affiliation *Anthropology of Education (2016) sponsored by the Asociación de Maestros de Puerto Rico*

Title "Bimbo va a la Escuela": Una agenda de responsabilidad social empresarial y mercadeo de base comunitaria
Affiliation *Applied Anthropology (2014- 2018) for Holsum de Puerto Rico*

Title Developing and Evaluating a Comprehensive School Safety Framework
Affiliation *Research Design Adviser & Grant writer (2014- 2016) for the Health Program, Puerto Rico Department of Education*

Title Island Bound: An ethnographic look at life in Puerto Rico
Affiliation *Applied Anthropology, (2014) for Holsum de Puerto Rico*

Title From Economic Development Policy to Innovation Eco-system
Affiliation *Engaged, Public Anthropology, (2013)*

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Title Language Education Policy Planning in Puerto Rico

Affiliation *Bilingual Education Policy Advisor (2012) to the Secretary of Education, Puerto Rico Department of Education*

Title Framed: Bilingual Education and the Construction of National Identity

Affiliation *Doctoral Thesis, Stanford University (2012)*

Employment

2021-present **Executive Director**, *Puerto Rico Public and Applied Social Sciences.*

Description Accepted more direct operational role in the organization to better define and manage the growth in technology and evaluation services provided to nonprofits, such as Hogar Cuna San Cristobal and Habitat for Humanity. In 2022 coordinated over 1000 volunteer hours for a diversity of projects. Managed the capacity development and tasks for 22 collaborators, including 12 students.

2018-2020 **Founder & President of the Board**, *Puerto Rico Public and Applied Social Sciences.*

Description Nonprofit organization created to increase general awareness of social science research and its applied benefits. The entity offers capacity building programs in technology for nonprofits and internship opportunities for students. Services are designed to facilitate the integration of evidence based practices, knowledge creation and publication, grant-writing and strategic planning.

2021-present **Consultant**, *Altamente GS, LLC.*

Description Provide strategic planning, proposal writing services, as well as applied research to the consulting firm. Develop targeted public and internal communications for clients, such as web content, newsletters, guidelines and protocols. Current projects include research and development of a commissioned corporate history book.

2011-2020 **Principal**, *Altamente GS, LLC.*

Description Consulting firm. Projects include corporate social responsibility programs, education initiatives, risk and benefit assessment for information use and integration of new technologies in the workplace. Evaluated the implementation of a pilot bilingual education program, BEC 21. As part of the engagement also met with US Department of Education officials and organized local town meetings to address questions regarding the pilot program and language learning.

2000-2011 **CEO**, *Altamente.com, Inc..*

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Description Responsible for developing business plan, performing market research for internal use, defining products and business models. Served as lead project manager, principal developer of content for clients such as V. Suárez, Holsum de Puerto Rico, Fundación Ángel Ramos, Lord Electric Company, Asociación Productos de Puerto Rico, among others.

Community Service and Leadership

2021–present **Board of Directors**, *Presbyterian Music Academy*, Guaynabo, Puerto Rico.

2006–2023 **English Mass Community Organizer**, *Parroquia San Ignacio*, San Juan, Puerto Rico.

2009–2012 **Board of Directors**, *Fundación Puertorriqueña de las Humanidades*, San Juan, Puerto Rico.

2005-2009 **Mentor and Panelist, Entre Empresarias**, *Women Business Institute, Sacred Heart University*, San Juan, Puerto Rico.

2005-2007 **Board of Directors**, *Asociación de Productos de Puerto Rico.*

2004-2007 **President, Technology Committee**, *Puerto Rico Chamber of Commerce.*

2002-2004 **Board of Directors**, *Puerto Rico Research and Commercialization Alliance.*

2002-2005 **C&IT Roadmap, Advisory Board**, *Puerto Rico Industrial Development Company.*

2003 **PR 2025, Advisory Board**, *Puerto Rico Industrial Development Company.*

2001-2003 **Founding Vice-President**, *Internet Society Chapter*, San Juan, Puerto Rico.

Publications, Papers & Media Engagement

2023 **Collecting and Communicating Perishable Data in a Post-Disaster Context: Rapid Research and Rapid Dissemination**, *Rapid Research in Action, Lessons from the Field Collection, peer-reviewed chapter coauthored with the Research Team active during the Natural Hazards Center. Published by Frontiers in Medical Sociology.*

ED_016126_00001042-00003

2023 **Saberes: Advancing Equitable Disaster Recovery through Co-generation of Knowledge in Program Evaluation**, *Society for Applied Anthropology Annual Meeting, paper coauthored with the Steering Committee of the Habitat for Humanity Puerto Rico Recovery Program Impact Evaluation.*

2022 **Engaging Communities and Government for Rapid Impact Analysis of Disaster Aid**, *Society for Applied Anthropology Annual Meeting, paper coauthored with Antonio Fernós Sagebien and Alison Chopel.*

2022 **Equitable, Participatory Survey Measure Development in Disaster Recovery Evaluation**, *Natural Hazards Center Researchers Meeting, paper coauthored with the Steering Committee of the Habitat for Humanity Puerto Rico Recovery Program Impact Evaluation.*

2022 **Advancing Inclusive and Equitable Disaster Recovery through Evaluation Practices**, *Natural Hazards Center Researchers Meeting, paper coauthored with the Steering Committee of the Habitat for Humanity Puerto Rico Recovery Program Impact Evaluation.*

2021 **Relationships between Distributions of Disaster Aid, Poverty, and Health in Puerto Rico**, *Natural Hazards Center Peer-Reviewed Report, coauthored with Alison Chopel and Manuel Fernós Sagebien.*

2021 **In the Shadows of Recovery: Examining mechanisms that reproduce marginalization and grow inequality**, *Paper & video presentation presented at the Society for Applied Anthropology Annual Meeting, Norfolk, Virginia.*

2018 **Technology and Society Column**, *Women's Redi Magazine in Dominican Republic.*

2018 **Crisis in Puerto Rico: How a Sustainable Future is Reclaimed and Lost**, *Paper presented at the Society for Applied Anthropology Annual Meeting, Philadelphia, PA.*

2017 **Unquestionable Failure: The Changing Construction of Failure in Education** , *Paper presented at the American Ethnological Society Annual Meeting, Stanford University, CA.*

2015-2017 **Weekly Technology Segment on "Tu salud financiera"** , *E2 Solutions and TiVA TV.*

2016 **Ethnography and Intertextuality in the Corporate Social Responsibility Toolbox**, *Paper presented at the Society for Applied Anthropology Annual Meeting, Vancouver, Canada.*

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2014 **Running to a Standstill: Economic development efforts to develop a high technology sector in Puerto Rico**, *Paper presented at the Society for Applied Anthropology Annual Meeting, Denver, CO.*

2013 **Policy Planning and Sustainable Change in the Context of Bilingual Education in Puerto Rico**, *Paper presented at the Society for Applied Anthropology Annual Meeting, Albuquerque, NM.*

2012 **Informe de retos, oportunidades y potencial impacto del Proyecto Piloto de Educación Bilingüe**, *Puerto Rico Department of Education.*

2004-2006 **Business Technology Articles**, *Sin Fronteras Magazine, Asociación Productos de Puerto Rico.*

2005-ongoing **Entrepreneurship and Technology Expert**, *Conference, Radio and TV programs hosted by various academic institutions in Puerto Rico.*

Awards and Recognitions

2006 **Entrepreneur of the Year**, *Women's Business Institute of Puerto Rico.*

2004 **Minority Business in Technology**, *Minority Business Development Center of Puerto Rico.*

2004 **Zenith Prize for Technology Sector**, *Puerto Rico Chamber of Commerce.*

2003 **Leaders of Commerce**, *Zona Commercial Magazine.*

2003 **Mujer de Empresa**, *MujerdeEmpresa.com*, Argentina.

Languages

English Native, C2 in CEFR

Spanish Native, C2 in CEFR

German Competent, B2 in CEFR

Basque Basic, A2 in CEFR

ED_016126_00001042-00005

10 de abril de 2023

James O'Malley, MSW
Puerto Rico Public and Applied Social Sciences Workshop, Inc.
8 Simón Madera
San Juan, PR 00924
Ex. 6 - Personal Privacy (PP)

Estimado Sr. O'Malley

Como representante de Acción Comunitaria Cialitos, Inc, le escribo para expresar nuestro firme apoyo y compromiso de colaborar con el proyecto de Investigación y Educación en Acción Comunitaria para la Justicia Ambiental (CARE-EJ). Nuestra organización comparte la misma pasión por la justicia ambiental y la gestión sostenible de los recursos hídricos que el proyecto CARE-EJ. Estamos ansiosos por aportar nuestra experiencia, recursos y redes para ayudar a alcanzar los objetivos y metas del proyecto.

Entendemos la importancia de las actividades del proyecto CARE-EJ en abordar los problemas de calidad del agua, crear conciencia y empoderar a las comunidades en Manatí, Ciales y otras áreas de Puerto Rico. Nuestra organización está preparada para colaborar de las siguientes maneras:

1. Participar en sesiones educativas comunitarias, talleres y reuniones para compartir nuestro conocimiento y experiencias en pruebas de agua, conservación y sostenibilidad.
2. Apoyar las actividades de pruebas de agua proporcionando asistencia técnica, equipo y recursos cuando sea necesario.
3. Colaborar en la recogida de basura y disposición adecuada para prevenir la contaminación del agua en las comunidades objetivo.
4. Promover el sistema de registro de incidentes en línea del proyecto a nuestras redes y fomentar la denuncia de incidentes ambientales y preocupaciones sobre la calidad del agua.
5. Contribuir al Plan de Medición del Desempeño del proyecto proporcionando comentarios, datos e información para ayudar a evaluar el progreso y la efectividad del proyecto.

Creemos que nuestra colaboración con el proyecto CARE-EJ resultará en un impacto significativo y positivo en las comunidades involucradas, así como en la contribución a los objetivos más amplios de justicia ambiental y gestión sostenible del agua en Puerto Rico.

Esperamos trabajar junto con el equipo del proyecto CARE-EJ y otros interesados en lograr la visión compartida de recursos hídricos limpios, seguros y sostenibles para todos.

Atentamente,

Yolitza [illegible], Presidente, ACC

Hector M. Ortiz Figueroa, Vice-Presidente-ACC

April 10th, 2023

James O'Malley, MSW
Puerto Rico Public and Applied Social Sciences Workshop, Inc.
8 Simón Madera
San Juan, PR 00924
Ex. 6 - Personal Privacy (PP)

Dear Mr. O'Malley

As the representative of Acción Comunitaria Cialitos, Inc, I am writing to express our strong support and commitment to collaborate with the Community-based Action Research and Education in Environmental Justice (CARE-EJ) project. Our organization shares the same passion for environmental justice and the sustainable management of water resources as the CARE-EJ project. We are eager to contribute our expertise, resources, and networks to help achieve the project's goals and objectives.

We understand the importance of the CARE-EJ project's activities in addressing water quality issues, raising awareness, and empowering communities in Manatí, Ciales, and other areas of Puerto Rico. Our organization is prepared to collaborate in the following ways:

1. Participate in community educational sessions, workshops, and meetings to share our knowledge and experiences in water testing, conservation, and sustainability.
2. Support the water testing activities by providing technical assistance, equipment, and resources when needed.
3. Assist in organizing trash pickup and proper disposal initiatives to prevent water pollution in the target communities.
4. Promote the project's online incident registration system to our networks and encourage the reporting of environmental incidents and water quality concerns.
5. Contribute to the project's Performance Measurement Plan by providing feedback, data, and insights to help evaluate the project's progress and effectiveness.

We believe that our collaboration with the CARE-EJ project will lead to significant positive impacts on the communities involved, as well as contribute to the broader goals of environmental justice and sustainable water management in Puerto Rico.

We are looking forward to working together with the CARE-EJ project team and other stakeholders in achieving the shared vision of clean, safe, and sustainable water resources for all.

Sincerely,

Yelitza Garcia De Jesús, Presidenta ACC

Hector M. Ortiz Figueroa, Vice-Presidente ACC

GOBIERNO DE PUERTO RICO
MUNICIPIO DE CIALES
HON. ALEXANDER BURGOS OTERO
ALCALDE

10 de abril de 2023

James O'Malley, MSW
Puerto Rico Public and Applied Social Sciences Workshop, Inc.
8 Simón Madera
San Juan, PR 00924
Ex. 6 - Personal Privacy (PP)

Estimado Sr. O'Malley;

Como Alcalde del Municipio de Ciales, me complace expresar mi apoyo al proyecto de Comunidades Unidas en Investigación y Defensa Ambiental (CUIDA, CARE-EJ, por sus siglas en inglés) liderado por PR PASS. Reconocemos la importancia de abordar los problemas críticos de calidad del agua, conservación y sostenibilidad en nuestra comunidad y apreciamos la dedicación de su organización a esta causa.

Entendemos que el proyecto CARE-EJ tiene como objetivo empoderar a los miembros de la comunidad al construir su capacidad y conocimiento para abordar los desafíos ambientales que afectan sus vidas. El enfoque del proyecto en educación, colaboración e iniciativas impulsadas por la comunidad se alinea con la visión de nuestra ciudad de promover la justicia ambiental, la resiliencia y la sostenibilidad a largo plazo.

En apoyo al proyecto CARE-EJ, la Alcaldía del Municipio de Ciales se compromete a colaborar con PR PASS y otros actores involucrados en diversas capacidades. Ayudaremos a promover las sesiones educativas, talleres y eventos del proyecto para garantizar la máxima participación de la comunidad. Además, facilitaremos el acceso a recursos y espacios relevantes, como centros comunitarios e instalaciones públicas, para las actividades del proyecto.

Creemos que el proyecto CARE-EJ tiene el potencial de crear un impacto duradero y positivo en las comunidades a las que servimos. Esperamos trabajar en estrecha colaboración con PR PASS y otros socios para garantizar el éxito del proyecto en Manatí.

No dude en ponerse en contacto con mi oficina si necesita más información o asistencia. Estamos comprometidos a apoyar el proyecto CARE-EJ y a trabajar juntos hacia un futuro más sostenible y equitativo para nuestra comunidad.

Atentamente,

Hon. Alexander Burgos Otero
Alcalde del Municipio de Ciales

GOBIERNO DE PUERTO RICO
MUNICIPIO DE CIALES
HON. ALEXANDER BURGOS OTERO
ALCALDE

April 10th, 2023

James O'Malley, MSW
Puerto Rico Public and Applied Social Sciences Workshop, Inc.
8 Simón Madera
San Juan, PR 00924
Ex. 6 - Personal Privacy (PP)

Dear Mr. O'Malley

As the Mayor of the Municipality of Ciales, I am pleased to express my support for the Community-based Action Research and Education in Environmental Justice (CARE-EJ) project led by PR PASS. We recognize the importance of addressing the critical issues of water quality, conservation, and sustainability in our community and appreciate your organization's dedication to this cause.

We understand that the CARE-EJ project aims to empower community members by building their capacity and knowledge to address environmental challenges affecting their lives. The project's focus on education, collaboration, and community-driven initiatives aligns with our city's vision of promoting environmental justice, resilience, and long-term sustainability.

In support of the CARE-EJ project, the Mayor's Office of the Municipality of Ciales commits to collaborating with PR PASS and other involved stakeholders in various capacities. We will assist in promoting the project's educational sessions, workshops, and events to ensure maximum community participation. Additionally, we will facilitate access to relevant resources and spaces, such as community centers and public facilities, for the project's activities.

We believe that the CARE-EJ project has the potential to create a lasting, positive impact on the communities we serve. We look forward to working closely with PR PASS and other partners to ensure the project's success in Manatí.

Please feel free to reach out to my office if you require any further information or assistance. We are committed to supporting the CARE-EJ project and working together towards a more sustainable and equitable future for our community.

Sincerely,

Hon. Alexander Burgos Otero
Mayor of the Municipality of Ciales

MUNICIPIO AUTÓNOMO DE MANATÍ
ATENAS DE PUERTO RICO

April 11th, 2023

James O'Malley, MSW
Puerto Rico Public and Applied Social Sciences Workshop, Inc.-www.prpassworkshop.org
8 Simón Madera
San Juan, PR 00924
Ex. 6 - Personal Privacy (PP)

Dear Mr. O'Malley

As director of the Office of Planning, Environment, Development and Urbanism (OPADU, by its acronym in Spanish) of the Autonomous Municipality of Manatí, I am pleased to express my support for the Community-based Action Research and Education in Environmental Justice (CARE-EJ) project led by PR PASS. We recognize the importance of addressing the critical issues of water quality, conservation, and sustainability in our community and appreciate your organization's dedication to this cause.

We understand that the CARE-EJ project aims to empower community members by building their capacity and knowledge to address environmental challenges affecting their lives. The project's focus on education, collaboration, and community-driven initiatives aligns with our city's vision of promoting environmental justice, resilience, and long-term sustainability.

In support of the CARE-EJ project, our OPADU office of the Autonomous Municipality of Manatí commits to collaborating with PR PASS and other involved stakeholders in various capacities. We will assist in promoting the project's educational sessions, workshops, and events to ensure maximum community participation. Additionally, we will facilitate access to relevant resources and spaces, such as community centers and public facilities, for the project's activities.

We believe that the CARE-EJ project has the potential to create a lasting, positive impact on the communities we serve. We look forward to working closely with PR PASS and other partners to ensure the project's success in Manatí.

Please feel free to reach out to my office if you require any further information or assistance. We are committed to supporting the CARE-EJ project and working together towards a more sustainable and equitable future for our community.

Sincerely,

Víctor M. González Narváez, MP, PPL, GISP
OPADU Director
Autonomous Municipality of Manatí

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Casa Alcaldia / 10 Calle Quiñones / Manatí, PR 00674 * Tel. Ex. 6 - Personal Privacy (PP)

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: MAR 27 2018

PUERTO RICO PUBLIC AND APPLIED
SOCIAL SCIENCES WORKSHOP INC
8 SIMON MADERA
SAN JUAN, PR 00924-0000

Employer Identification Number:
66-0893833
DLN:
26053471004088
Contact Person:
CUSTOMER SERVICE ID# 31954
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)
Accounting period ending:
December 31
Public charity status:
509(a)(2)
Form 990/990-EZ/990-N required:
Yes
Effective date of exemption:
February 27, 2018
Addendum applies:
Yes

Dear Applicant:

We're pleased to tell you we determined you're exempt from federal income tax under Internal Revenue Code (IRC) Section 501(c)(3). This letter could help resolve questions on your exempt status. Please keep it for your records.

Organizations exempt under IRC Section 501(c)(3) are further classified as either public charities or private foundations. We determined you're a public charity under the IRC Section listed at the top of this letter.

You're treated as a U.S. domestic organization for purposes of IRC Sections 507-509 and Chapter 42, and thus are subject to these provisions.

You can receive contributions deductible by U.S. citizens and residents for U.S. income tax purposes under IRC Section 170.

You can receive transfers deductible by U.S. citizens and residents for U.S. estate and gift tax purposes to the extent allowable under IRC Sections 2055 and 2522.

If we indicated at the top of this letter that you're required to file Form 990/990-EZ/990-N, our records show you're required to file an annual information return (Form 990 or Form 990-EZ). If you don't normally have more than $50,000 in annual gross receipts from sources within the U.S., and you don't engage in significant activity in the U.S. (other than investment activity), you may submit the Form 990-N, e-Postcard, annually instead of Form 990 or 990-EZ. If you don't file a required return or notice for three consecutive years, your exempt status will automatically be revoked. For more information on filing requirements, see Revenue Procedure 2011-15, 2011-3 I.R.B. 322.

Letter 5048

PUERTO RICO PUBLIC AND APPLIED

You're subject to unrelated business income tax under IRC Section 511 on your unrelated business taxable income derived from sources within the U.S. or effectively connected with the conduct of a trade or business within the U.S. (whether or not such income is derived from sources within the U.S.). For purposes of these rules, the "U.S." includes only the fify states and the District of Columbia. See Publication 598, Tax on Unrelated Business Income of Exempt Organizations, for more information.

If you have employees in the U.S. (whether they are U.S. residents or not) you may be liable for federal employment taxes, including the withholding of tax. See Publication 15, (Circular E), Employer's Tax Guide, and Publication 515, Withholding of Tax on Nonresident Aliens and Foreign Entities, for more information.

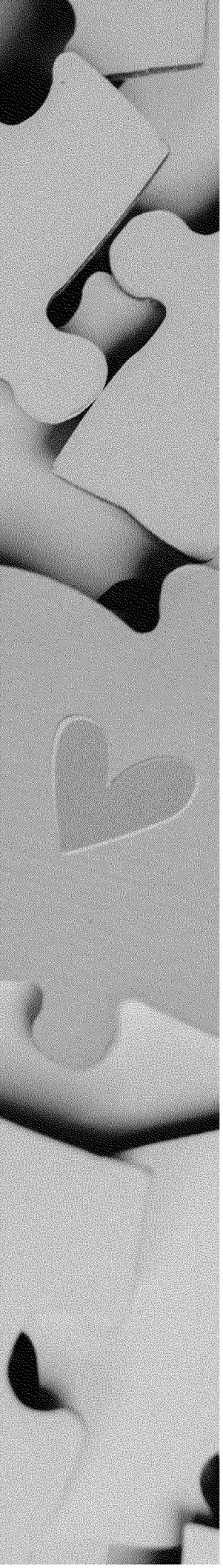
For important information about your responsibilities as a tax-exempt organization, go to www.irs.gov/charities and search "4221-PC" to view Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, for information on your recordkeeping, reporting, and disclosure requirements as a public charity.

If we indicated at the top of this letter that an addendum applies, the enclosed addendum is an integral part of this letter.

Sincerely,

Stephen A. Martin

Director, Exempt Organizations
Rulings and Agreements



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Office-1 Ex. 6 - Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

Ex. 6 - Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

ABOUT ME

- A creative systemic thinker with the ability to connect the dots while looking to enhance business triple bottom line.
- A deep understanding of how each sector "operates", since prior to becoming a sustainability consultant she worked as an "advocate" and spokesperson for sustainability and CSR in the LATAM region. Profound Knowledge of Public Private Partnerships and Corporate/ Public Communication.
- Interested in raising the bar in the corporate sustainability and social investment landscape of Latin America. We need more strategic social investment in the global south.

SKILLS

- Systemic Thinker
- Highly Creative
- Multisectorial Partnership Builder
- Connecting Risk Management to New
- Business Opportunities Ability to connect research to design, down to implementation
- Solutions Communication Expertise
- Connecting corporate sustainability to ROI
- Project Management
- Designing Social Maps
- ESG Reporting

EXPERIENCE

She has acted as Senior Sustainability and Risk Management Consultant at Grupo Vicini Sustainability Department and ENI Portfolio (Energy and Industry Portfolio: EGE Haina, Metaldom, Ingenio CAEI), Cemex Puerto Rico, Shell Chemical Yabucoa, Nuevo Día, Glencore Xstrata Nickel DR (Falcondo),Junta Agro Empresarial Dominicana (JAD), Finca Explora Agroindustry Incubator, MER Group (Marine Environmental Remediation Group), Vinicola del Norteand developed projects for and with W Hotels / Reig Capital, Bacardí, Merck, ERM Environmental Resources Management, Banco Popular, Sansouci Ports Santo Domingo, Walmart Puerto Rico, Helados Bon, Macadamia La Loma, Pfizer, Saga Furs Finland between others.

2020-2023 - Puerto Rico Public and Applied Social Research Workshop- Strategy Officer- Assisted with its most important client, Habitat International and Habitat Puerto Rico. Most of the scope of work is connected to designing CRM, Communication tools, fundraising and post disaster monitoring and evaluation. @impulsotecpr www.prpassworkshop.org

2010-2023 - Founded www.sheraisesthebar.com -Puerto Rico, Dominican Republic and Panama-CSR Consulting in Caribbean Region- Assisted family business groups, mining and agroindustry companies in the design of their sustainability structure and their social license to operate strategy.

2015-2018- Social Entrepeneur- Founder - Do Good Artist – www.dogoodartist.com and mariposanaranja.com.

- Connected creatives industries, tech, fashion , retail to human trafficking relief efforts.
- Created two fashion brands for cause-marketing purposes.

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- **2004-2011-** Founded Conectarse – The First Center on Corporate Social Responsibility in Puerto Rico, hosted by Universidad del Sagrado Corazón

    - Responsible for all fundraising activities

    - Developed a model for a Corporate Social Responsibility Council

    - Consultant on CSR and Third Sector Issues for Puerto Rico's Third Sector Senate Commission, Pfizer, RG Bank, Bacardi, triple S, and El Nuevo Día (one of PR most prominent newspapers) Cemex Puerto Rico, Shell Puerto Rico, PACIV, Banco Popular, Walmart, El Nuevo Día on issues and projects related to CSR :

    1. Community Perception Assessments
    2. Stakeholder Mapping
    3. Dialogue Committee
    4. CSR Plans
    5. Signature Programs

    - Successfully organized four international conferences on Corporate Social Responsibility and Sustainability in Puerto Rico

    - Created first seminar to educate journalists on Corporate Social Responsibility

    - Participated as part of a SELECT group of professionals in the dialogue process between the government and major union leaders of Puerto Rico

    - Created an alliance with Puerto Rico Manufacturing Association to promote CSR

    - Organized four educational trips with business leaders, ministers and mayors to Costa Rica, Colombia, Chile, and Mexico to identify case studies in urban planning, CSR, education, alliance building, and entrepreneurship

    - Developed a public policy to promote entrepreneurship in the island

    - Active advocate for the private sector to take a more aggressive role in public policy issues during the dialogue 2006 crisis in Puerto Rico

    - Created an alliance with Universidad Católica de Valparaiso en Chile to provide a Continuing Education Degree in CSR for local business leaders of the island

    - Developed Basiko, a model to integrate design and corporate social responsibility in the fashion industry as a way to promote economic development of local artisans and prison inmates in Puerto Rico

    - Extensive research in microenterprises and cooperatives in countries such as Costa Rica, Panama Honduras, Peru, Argentina and Colombia of CSR and Fair Trade

    - Intensive research and benchmarking on entrepreneurship and microfinance in Colombia funded by PR Department of Economic Development

    - Organized government mission to study entrepreneurship and microfinance in Colombia

    - Developed the concept for www.unirse.org, a communication tool for volunteering and alliance building

    - Co-Founder of Arte en Concreto Foundation, which is Cemex's Puerto Rico Signature Program and a model for CSR, value chain, and incubation in Puerto Rico

    - Participated in the lobbying process to promote that ex-inmates can organize as owners of a cooperative

    - Advisor to Annette Montoto, President of EDB (Economic Development Bank), on topics related to entrepreneurship and CSR

    - Designed Puerto Rico EMPRENDE, an initiative that provided technical support to the BDE and to private sector corporations such as Walmart, BBVA Microfinance entity, W Retreat and Spa (Vieques) and Bacardi

2003- Advisor to Carlos del Río, Pfizer Puerto Rico CEO and Jorge González Monclova-Community Relations Manager

- Developed Guideline for Corporate Volunteer Program
- Designed program as a strategy to create a strong social capital with external and internal stakeholders
- A program designed to create a strong organizational culture during the Pharmacia Pfizer Merger
- Volunteering connected to risk matrix and ROI

2002- Founded Detuparte

- A brand that centers its efforts in using solutions journalism as a tool to promote philanthropic giving, volunteering and social responsibility

- Launched REVISTA RSE, the first magazine dedicated to capturing local case studies with a solutions journalism structure

2001- Everrett Fellow 2001 at New York Cares
http://www.everettprogram.org-
https://www.newyorkcares.org- Manage Mural Artist Program for New York's, 10000 volunteers in 100 schools
Fellowship - Employee Volunteer Program - Office of Government Affairs - New York, NY

2000-2001-Merck & Company, Inc. – 2000 United Way of Tri-State
Fellowship - Office of Corporate Contributions
Whitehouse Station, NJ

- Redesigned the Employee Giving Campaign website, to make it more of a PR and fundraising tool
- Prepared the handbook for the 2000 Employee Giving Campaign
- The 2000 campaign exceeded expectations by $800,000, which was 16% higher than planned
- Responsible for identifying the 2000 Employee Giving Campaign highlights and challenges and coming up with ideas and improvements for the 2001 campaign
- Designed the Disaster Relief Fund website from scratch

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- Created the marketing and communication plan for the 2001 Touched by an Agency program and the NJPAC-Merck Corporate Night
- Responsible for creating the criteria and proposal guidelines for the Touched by an Agency program
- Coordinated and managed the New Jersey Performing Arts Center & Merck corporate night
- Responsible for creating angle stories and writing briefs for Merck's newspaper-The Daily

1999-2000 Macys - Partners in Time - Employee Volunteer Program - Office of Government Affairs – Public Affairs Fellowship New York, NY

- Assisted in the coordination of the 1999 Macys's United Way Campaign
- Assisted in the preparation and the distribution of United Way Campaign material to Macys East
- Participated in rallies to recruit volunteers to participate in The United Way Campaign
- Served as a liaison between nonprofit organizations in Puerto Rico and Macys Government Affairs
- Office
- Participated in the volunteer identification process for the Thanksgiving Macys Parade

1997–1999 - Neighborhood Council for the Development of the Cantera Peninsula, Executive Director)

- Participated in a committee to design the reallocation strategy for an 11,000 person community
- Responsible for the Council's fund raising activities
- Served as the Council's liaison between the public and private sector philanthropic entities
- Wrote proposals and grant reports to organizations like CHD, Motts and others
- Developed promotional material for the project and was responsible for writing press releases Participated in the creation of the community's educational and cultural center
- Actively participated in the recruitment of new leaders
- Served as member of the disaster relief effort following Hurricane Georges
- Participated in a community economic development committee where bankers and residents created initiatives

EDUCATION

- **2022- Project D Pro, PMO -FO, PMO-BIRISI** -Project Management for Development Professionals –www.pm4NGO.org
- **2021- "Diplomado Trata Humana"**- Fin de la Esclavitud- Human Trafficking –(Feb – Oct 2021)
- The Altos de Chavon Design School-Continuing Education Courses- Summer 2018- Interior Design and Creativity Courses
- **Master Business Administration, Student at Universidad Navarra, IESE Business School-ISEM – MADRID- Fashion and Luxury Industries-**August 2014- 2015- Exchange Program - SDA Bocconi, Milan and IFM, Paris-Final Project: Social License to Operate- Saga Furs, Finland
- **Universidad de La Habana- Continuing Education Courses-** Management of Colonial Cities " La Habana Vieja"- Mayo 2014
- **Universidad de Los Andes, International School of Economics, July 2006** -Continuing Education Courses
- **Pontificia Universidad Católica de Valparaiso Chile-** Vincular. org -Certificate "Diplomado Internacional de RSE"
- **The Center for Corporate Citizenship at Boston College, May 2004, April 2006** -Continuing Education - Community Relations Courses
- **Universidad de Barcelona Spain, February 2003 -2004-Master in Corporate Social Responsibility and Social Auditing -Final Project:** "Corporate Volunteering as a Tool to Promote Internal and External CSR during the processes of Merger and mergers and Acquisitions: The Case of Pfizer Puerto Rico"
- **Seton Hall University, South Orange, NJ, August 1999 – August 2001 -Masters in Public and Corporate Communication and Certificate in Nonprofit Management**-Thesis "How to Use Media as a Tool to Promote Volunteering and Philanthropy" -Special focus on Solutions Journalism
- **Parsons School of Design, New York, NY, January 2001- July 2001-**Courses in Graphic and Digital Design
- **The American University, Washington D.C., August 1993 - May 1997-**Bachelor of Arts in Spanish and Latin Studies/ International Relations

RECENT ACTIVITIES

- Part of UNODC Regional Civil Society Network for Organized Crime- Human Trafficking
- Advisory Board- Puerto Rico Economic Corridor – PRTEC- Agro Incubation Flagship Project – Finca Explora

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1.0 Program Objectives

a. Project Summary

Title: Community-based Action Research and Education in Environmental Justice (CARE-EJ) and Comunidades Unidas en Investigación y Defensa Ambiental (CUIDA) locally.

Location: Manatí and Ciales, Puerto Rico 009XX

Applicant Information: Puerto Rico Public and Applied Social Sciences Workshop Inc.; 8 Simon Madera; San Juan, PR 00924

Telephone: Ex. 6 - Personal Privacy (PP)

Email: contact@prpassworkshop.org

Applicant Organization: The Puerto Rico Public and Applied Social Sciences Workshop is non-profit, philanthropic organization organized exclusively for charitable, educational and scientific purposes, founded in, and serving Puerto Rico.

Our mission: Advance the cause of greater social justice, quality of life and sustainable economic development through the broader appreciation and application of the social sciences.

Our purpose: Contribute to the knowledge-base and capacity building of entities serving the public welfare and develop educational programs that enhance public awareness of cultural studies, social sciences and humanities research and their applied benefits. To these ends, every project is structured so as to incorporate or enable participatory action research and contribute to the dissemination and use of local data-driven insights.

Brief Description of Applicant Organization: PR PASS works with communities and other non-profits to foment sustainable and participatory practices for a wide variety of projects, including, but not limited to: affordable housing, adult education programs, digital data management and workflow, administration, and program evaluation among others. Please see the PR PASS website for more information about the organization.

Project Abstract: Community empowerment is a central axis advancing environmental justice. Impacted communities must be able to advocate for their rights to safe water and participate meaningfully in decision-making processes that manage, inform, and shape access to water resources. The Community-based Action Research and Education in Environmental Justice (CARE-EJ) is a three-year program in Puerto Rico, focusing on Manatí and Ciales. With a $500,000 investment, it aims to empower residents and organizations through water quality testing, conservation, and sustainability. In response to the ongoing threat of natural hazards and high distrust in the disaster recovery process, the CARE-EJ is designed to also

foster regional networks which add resilience to communities and provide a path to reestablishing relationships of trust. The program involves collaboration with local communities, government agencies, and schools, as well as creating a digital platform for recording water quality and environmental incidents.

The target audience are individuals and families living in disadvantaged communities that have been marginalized from disaster recovery efforts, are under-served, and overburdened by the health and economic impact of climate change.. Key activities include participatory definition of a study that will include discussion of environmental policies and programs, research capacity building, educational sessions, water testing, trash pickup, and incident reporting. Outputs consist of workshops, training materials, videos, press announcements, publications, an online water quality system, and environmental data collection.Short-term outcomes include increased awareness of water quality, reduced consumption, improved health, and enhanced social capital. Immediate outcomes involve empowered access to government, clean water, reduced pollution, and increased community trust. Long-term outcomes aim for improved local water resources, enhanced commitment to conservation, and increased environmental justice through lasting governmental and institutional change.

Recent research on the post-Hurricane María recovery process in Puerto Rico has highlighted a growing distrust of government (Chopel, Fernos-Sagebien, & Gorbea, 2021; Saum-Manning, 2021; Haverhals, 2022). Building on the lessons of Flint, Michigan's Flint Development Center community laboratory, CARE-EJ will provide individuals and families the ability to verify water quality in their homes and communities, rebuilding trust through action and evidence. CARE-EJ is expected to contribute to the field a pathway to environmental justice that combines community empowerment, strengthens regional social networks, and re-establishing trust in government.

Project Types: Monitoring water quality, Public Education

Environmental Issue: Tap and surface water quality

List of Project Partners:

1. Autonomous Municipality of Manatí, Puerto Rico.
2. Municipality of Ciales, Puerto Rico.
3. Acción Comunitaria Cialitos, Inc.

Will you need to develop a QAPP for your project? We believe we will be required to develop a Quality Assurance Project Plan (QAPP), as we will be conducting tests on surface and tap water and compiling a data base of these results.

b. Environmental and Public Health information of the Underserved Community

According to the most recent data from the U.S. Census Bureau (2022), the combined population of Manatí and Ciales is 55,493, with over 50% living below the federal poverty

level, 15% having a disability under the age of 65, and less than 20% having a bachelor's degree.

Tap water safety in Puerto Rico has been a chronic concern and in recent years, particularly after the devastation caused by Hurricane Maria in 2017. In the aftermath of the hurricane, many communities were left without access to clean water, and some areas continue to face issues with water quality and safety.

According to the Environmental Working Group (EWG), which analyzed data from the Environmental Protection Agency (EPA), Puerto Rico had the highest contamination rate of any state or territory in the U.S. for two consecutive years (2015-2016) in terms of the presence of the chemical compound chromium-6 in drinking water. Chromium-6 is a known carcinogen and has been linked to an increased risk of cancer (EWG, 2015).

According to a study done by the Natural Resources Defense Council, nearly all tap water in Puerto Rico violates federal safety standards (NRDC, 2018).

In terms of specific municipalities, Manati and Ciales have both faced issues with water safety in recent years. In 2019, it was reported that the water system in Manati had tested positive for high levels of lead, a neurotoxin that can cause developmental issues in children and other health problems. Similarly, in 2018, the water system in Ciales was found to have high levels of the bacteria E. coli, which can cause illness and in severe cases, kidney failure.

In Puerto Rico, access to clean and sustainable water remains a critical issue, particularly in the wake of Hurricane Maria, which exacerbated the island's water infrastructure vulnerabilities. In rural and vulnerable areas, these challenges are even more pronounced, with families often lacking access to clean and safe drinking water.

- https://www.npr.org/
- https://www.theguardian.com/
- https://www.wbur.org/

c. Organization's Historical Connection to Under-served Community

PR PASS was established in Puerto Rico by a group of dedicated individuals who share deep-rooted connections to the island.

In 2021, PR PASS provided logistical and field support to scientist that documented the growing distrust in under-served communities. In 2021, PR PASS invited communities in Ciales and Manatí to collaborate as comparison sites (not beneficiaries) of the Habitat for Humanity Recovery Program Impact Evaluation. This collaboration continued over the past two years. Our growing awareness of regional challenges, informs our commitment to establishing dialog between the community and government, **actively working together to build transparent, effective, and sustainable solutions.**

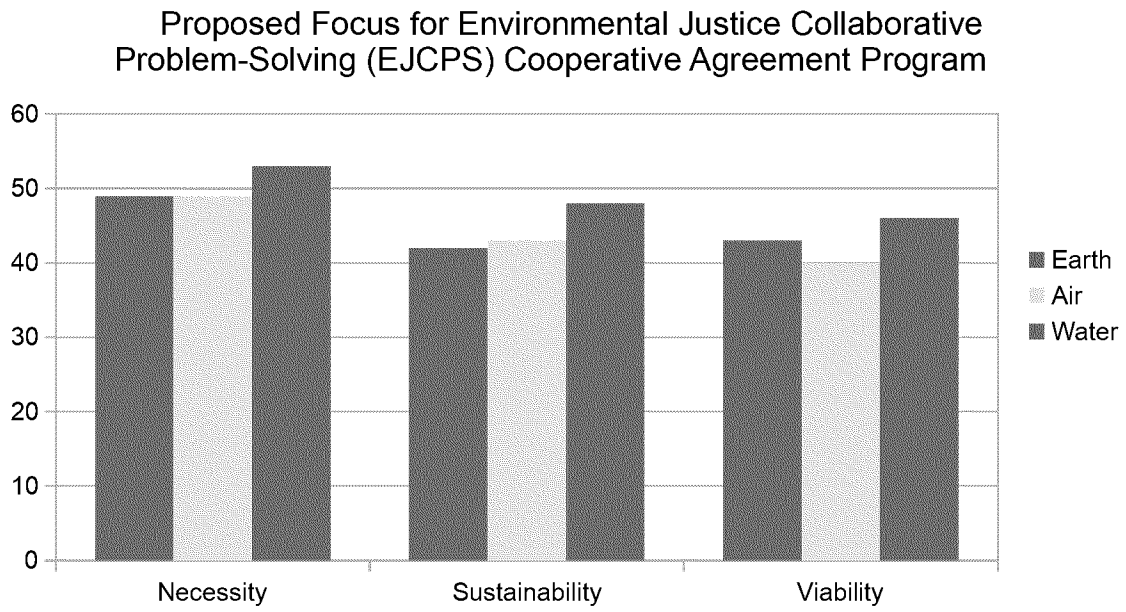
d. EJCPS Model

EJCPS Model Element 1 – Issue Identification, Visioning, and Strategic Goal-Setting: PR PASS has already begun the collaborative process by convening a focus group (Cafe Ambiental - Environmental Coffee Break) in February with students from UPR

Aguadilla and the InterAmerican Univerisity in Arecibo, members from Acción Comunitaria Cialitos, Inc., and Go to Ciales, and residents from Barrio Sabana Seca in Manatí, and Río Piedras. In addition, the mayoral offices of Manatí and Toa Baja, provided us with information on their ongoing environmental projects and interest in collaborating.

The nineteen community members present created an overview of their community's needs, providing ideas, experiences, and knowledge to develop three corresponding logic models. Based on their input, we then focused on the following areas of concern: earth, air, and water. From there we presented an online survey (in Spanish) based on three metrics: necessity, sustainability, and viability.

Figure 1: Environmental justice focus group voting results



This initial collaborative process identified water safety as the most urgent area of focus.. The activities suggested for a water-focused project also ranked the highest in their appreciation of viability and sustainability. . Comprehensive research and literature on Puerto Rico's water safety challenges highlight the pressing nature of this concern. The proactive involvement of municipalities and community members demonstrates a strong commitment to collaborate and engage in finding solutions.

EJCPS Model Element 2 – Community Capacity-Building and Leadership Development:

1. Community information sessions will be conducted by local leaders (government and organizations both public and private) to discuss water testing and conservation efforts.

2. Citizen engagement and reporting: Members of the community will self-select and engage in a capacity building process that guides them through a research questions that addresses water safety and uses water monitoring. Encouraging citizens to report

environmental incidents and tap water quality allows community members to take an active, trustworthy, and powerful role in addressing their concerns. This involvement nurtures a sense of responsibility and leadership within the community.

3. Participant feedback community meetings: These meetings provide an opportunity for community members and leaders to share their insights and use data to reflect and answer their initial concerns. This dialogue helps develop local leaders who can use data to advocate for environmental justice.

4. Immediate and long-term outcomes: The community based research process outcomes, will inform an action plan for improving access to clean water. In the short term, the community increases social capital by developing citizen scientists and gathering data in support of advocacy..

EJCPS Model Element 3 – Development of Multi-Stakeholder Partnerships and Leveraging of Resources:

1. Collaborating with local government bodies: By involving the Manatí and Ciales municipal governments, the project establishes partnerships with key decision-makers and ensures that CARE-EJ activities bring awareness and discussion of environmental and water focused municipal initiatives already in progress.

2. Engaging local community organizations: CARE-EJ proposes that participants from one community action-research process share their experience with another neighboring community and school. This peer to peer community engagement is expected to strengthen regional relationships and increase research, data collection and knowledge sharing activities.

3. Participating families: Involving families in the project not only fosters a sense of ownership and responsibility but also encourages inter-generational learning and collaboration, leading to a more sustainable and resilient community.

4. Online incident registration system: The project gathers data from water monitoring kits in an online platform. This facilitates data driven communication among various stakeholders.

5. Multi-stakeholder activities: After each initial community based research is completed, the project's knowledge sharing and change focused activities will promote multi-stakeholder engagement in community educational sessions, water testing, and trash pickup, involve collaboration. The collaborating in an activity will advance a sense of shared responsibility for environmental justice.

6. Public communication and outreach: At the end of every year of operation, CARE-EJ will hold an community workshop where the different communities are invited to share with a broader audience the knowledge and work they have performed. The audience of this event will include local residents, and representatives from private and public sectors and school communities. Press announcements, community testimonials

to each other, publications, and online presence of the project help to raise awareness and generate interest among other stakeholders, potentially attracting new partners and resources to support the project's goals.

EJCPS Model Element 4 – Consensus Building and Dispute Resolution:

1. Collaborative design of work practice: During each community onboarding meeting, those present collaborate on identifying the shared values and cross-cutting themes that will guide the groups research and action work.

2. Participatory decision-making: When joining the project, each new community goes through a process of participatory decision-making capacity building and practice as they collaborate in defining a question and giving direction to their study and resulting activities.This approach fosters a sense of shared ownership, helps build consensus around project goals, and reduces the likelihood of disputes arising from perceived exclusion or lack of representation.

3. Transparent communication: Transparency is key to building trust and practicing equitable access to information across stakeholders.The project's community workshops, press announcements, community testimonials, and publications, ensures that stakeholders stay informed. Communication products will be shared in an online portal. Community participants furthermore will have access to information shared or generated among them in a private cloud environment.

4. Online incident registration system: The creation of an online platform for reporting environmental incidents and water quality allows stakeholders to use data to discuss concerns, identify opportunities and plan next steps.

EJCPS Model Element 5 – Constructive Engagement with Other Stakeholders:

1. Inclusive participation: Equity and inclusion are key values that will be discussed at each community onboarding meeting when we guide them through a process of defining shared values and practices that build on the diverse and inclusive participation. This early development sets a tone that welcomes various perspectives as a foundation for scientific inquiry.

2. Open dialogue and communication: By organizing community meetings and educational workshops, the CARE-EJ project provides a platform for dialogue and discussion among community members, local organizations, and government bodies. These events allow stakeholders to share their perspectives, identify common goals, and work together to address environmental justice issues.

3. Online incident registration system: In addition to tracking water quality data, the system will register and report concerns regarding perceived environmental incidents and water quality concerns. Reports will provide a common point of reference for both identifying concerns and collaborating on solutions by providing data constructive dialogue and decision-making.

EJCPS Model Element 6 – Sound Management and Implementation:

1. Well-defined goals and objectives: The project has clearly outlined short-term, immediate, and long-term outcomes, which provide a solid foundation for planning, implementing, and evaluating the project's activities and impacts.

2. Adequate resources and funding: $500,000 invested by the EPA will be used to acquire necessary supplies, such as water testing equipment, develop an online platform for incident registration, secure the human resources necessary bring the project to fruition, and support other project activities.

3. Monitoring and evaluation: The CARE-EJ project will use initial pre-participation socio-demographic and health assessment survey. As community meetings and activities start up, participant attendance, feedback during community meetings, event evaluation forms, and analysis of data from the online incident registration system will be mechanisms for regular monitoring of its progress and alignment. As the research engagement and initial post-research actions occur in each community, participants will be asked to volunteer in a collection of Most Significant Change stories (Davies & Dart, 2005).

4. The project will count with key individuals who have education and experience managing research and evaluation, field-work, social work administration, and non-profit management.

5. Clear roles and responsibilities: The project engages various stakeholders, such as PR PASS (administration and coordination), local government bodies, community organizations, environmental scientists, health and community engagement specialists and participating families, each with specific roles and responsibilities. See letters of commitment in attached documents for more specific roles and responsibilities.

EJCPS Model Element 7 – Evaluation:

1. Monitoring progress: The project regularly monitors its progress through various data sources, such as attendance, access or use of materials, participant feedback community meetings, community event evaluations, and data from the online incident registration system. This ongoing monitoring helps track the project's performance and informs decision-making.

2. Feedback mechanisms: Participants will be informed in the first community meeting of the general contact number they can contact if they wish to provide specific feedback and the protocol used to share and address feedback. The CARE-EJ project management system has a feedback tracking mechanism that documents each incident and facilitates sharing with the project manager. When the feedback has been satisfactorily addressed, the status can be changed to "closed."

3. Collaboration in evaluation: During the first annual community workshop, PR PASS will invite interested representatives from the various communities and CARE-EJ

stakeholders to collaborate in a participatory evaluation of the project's impact. The impact evaluation will also include a community-sourced Health Impact Assessment.

4. Knowledge sharing and learning: CARE-EJ is committed to activating communities in the process of gathering data and generating local knowledge about the environment. The project promotes immediate community-to-community sharing of insights and community-wide reporting in the once a year community workshop. The design of the impact evaluation will be presented for discussion and validation at the second community workshop. Preliminary results will be shared for discussion in the third and final community workshop. The final report and other knowledge products will be shared in the project portal, thereafter.

e. Project Linkages

Addressing EPA Strategic Plan Goal 2, Objective 2.1 (Promote Environmental Justice and Civil Rights at the Federal, Tribal, State, and Local Levels):

1. Empowering communities: The project focuses on building agency, capacity, and knowledge among community members, enabling them to advocate for their rights and address environmental issues affecting their lives.

2. Strengthening multi-stakeholder partnerships: By engaging various stakeholders, including government bodies, local organizations, and public schools, the project fosters collaboration and resource-sharing, amplifying the collective impact on environmental justice and civil rights.

3. Raising awareness: The project grows awareness about environmental justice and water safety and management through community-based research. During the research phase and in annual community workshops, the project creates opportunities for government bodies to discuss water related policies and initiatives. Community organized activities broaden the awareness of locally sourced knowledge.

4. Promoting equitable access to resources: The project aims to reduce disparities in access clean water by funding and facilitating efforts to understand and enact change in each community.

5. Supporting community-led initiatives: The CARE-EJ project promotes environmental justice from the ground up. The project encourages communities to engage in constructive dialogue generating a research question regarding water quality and management and collect data monitoring water safety. Thereafter, the project sponsors the initial activities that are informed by the research. Finally, communities are invited to share their experiences with another community and with a larger audience once a year.

6. Influencing policy and decision-making: By demonstrating the effectiveness of community-based action and collaboration, the project can inform policy and decision-making processes at the federal, state, and local levels, contributing to the advancement of environmental justice and civil rights.

f. Partner and Collaborate

How will each partner contribute to the project CARE-EJ has a Steering Committee comprised of individuals that participated in the Café Ambiental and representatives of each municipal government. This group includes participants from communities who share a common interest in the focus and success of CARE-EJ.

An Advisory Committee comprised of 7-11 local scientists that are willing to collaborate providing timely information to each community as they define their research, analyze data and plan their course of action will be convened in response to the needs expressed.

Municipalities The municipal representatives of both Manatí and Ciales will be present to discuss municipal policies and initiatives regarding water quality at the beginning of each new community based research project in their municipalities. They will also have the option to be involved in the dissemination of testing kits and serve as host for community workshops and meetings.

Acción Comunitaria Cialitos, Inc., (ACC) is an established local community organization founded in 2013. ACC participated in the Café Ambiental. It has since expressed interest in participating consistently throughout the project (see Other Attachments for Letters of Collaboration). ACC will have representation in the Steering Committee and participate in the initial design consultation for the water monitoring and incident reporting system and in the development of monitoring protocols and participatory impact evaluation. They will also be the first community in Ciales to engage in the pilot community based action research project.

Not all communities have duly formed representative organizations. This is the case with Barrio Sabana Seca, Manatí. In these cases, a community leader will convene residents and the interested participants. Once the community participants are convened, the project runs with self-nominated participants for the tasks that emerge.

Go to Ciales is a tourism startup in Ciales, concerned with sustainability and environmental justice in their community. In addition to local trust, Go to Ciales, has deep organizational knowledge of their area and its inhabitants. They will be invaluable for field testing surface water, designing the online incident reporting system, reporting environmental incidents in the countryside, and educating the community on water conservation.

2.0 Project Activities / Milestone Schedule / Detailed

a. Project Activities

Distribution of Water Testing Kits:

CARE-EJ will provide an estimated 500 home tap water testing kits. We estimate community led action research projects will distribute between 300-400 of these.. The remainder of the kits will be provided ad hoc throughout the year through offices of our municipal stakeholders..

Project Kickoff and Stakeholder Engagement: The project will begin with a kickoff meeting involving all relevant stakeholders, including community members, local government

representatives, partnering organizations, and project team members. This meeting will serve to establish roles, responsibilities, and a shared understanding of the project objectives and activities for the Steering Committee

Community Onboarding Sessions (12 total, occurring in different communities, at the beginning of each school semester): The project team will organize and deliver community an onboarding session where the project focus on water, goals for research and action and participatory process are explained .

Community-based Research Activities:

Each semester 2 communities will begin an action-research cycle comprised of 8 concrete steps: (1) Onboarding - community participants discuss shared interests, values and practices as well as community concerns, (2) Theoretical Framework Development - government stakeholders and academic resources participate in clarifying theories and concepts, (3) Identifying a Research Question (4) Review of Data Collection Methodology, (5) Data Party - Analyzing the data, (6) Summary of Results - Outline a poster board of the project process and findings, (7) Define Action Plan (8) Initial Review of Research-Informed Activity - Includes the collection of Most Significant Change Stories.

Water Testing and Monitoring Activities: The project will carry out tap water testing and surface water testing in the target communities. The project team will work closely with participating families and local organizations to collect water samples, analyze them using water testing equipment, and report the through the online incident reporting system.

Trash Pickup and Proper Disposal Initiatives: Among the anticipated, research informed activities CARE-EJ are community-organized trash pickup events, disaster mitigation and environmental protection education fairs or other activities promoting or advancing proper waste disposal practices to prevent water pollution. The team will collaborate with local organizations and businesses to ensure the sustainability of these initiatives beyond the project's duration.

Online Incident Registration System Development and Implementation: Develop and implement an online incident registration system to facilitate the reporting of environmental incidents and water quality concerns. The system will be user-friendly and accessible, allowing community members to report issues easily and track the progress of their concerns.

Performance Measurement and Evaluation: Establish a performance measurement plan using CiviCRM as a tracking and case management software. This plan will include clear indicators, targets, and time-frames for achieving expected outputs and outcomes (see Table 1 for a more detailed breakdown). The project team will continuously monitor, evaluate, and report on progress towards these goals through an online portal which will be openly available to the public.

Steering Committee Review of Feedback and Progress (6 total - twice per year): The Steering Committee will hold meetings once a semester to review program monitoring data, feedback on project activities, discuss the findings from water testing, and address any concerns. This feedback will be incorporated into the project's ongoing implementation and future planning.

Annual Community Workshop - Formal Dissemination of Results and Knowledge Sharing (once per year, 3 in total): This is a space where communities can come together to share their knowledge and action plans. In preparation for this event, communities and the project team will produce various communication materials, including videos, publications, and case studies, to share the project's findings and successes. The collaborators will also engage with media outlets and social media platforms to ensure widespread dissemination of the project's outcomes and lessons learned. The community workshop is also the venue where the participants are able to collaborate and provide input in the participatory impact evaluation.

b. Milestone Schedule

Table 1: Significant milestones/events

Milestone	Description	Start Date	End Date	Responsible Party
Project Kickoff	Initial project meeting and planning session	11/01/23	11/15/23	Project Manager
Allocate subwards to partnering CBOs	Finalize workplan and allocate subaward	2/01/24	3/1/24	Community Outreach Coordinator
Purchase water testing kits	Purchase tap water testing kits to municipalities and community based organizations	2/01/24	3/01/24	Project Manager
Hire Project Staff	Recruit and hire project staff	11/01/23	1/01/24	Project Manager
Finalize online tap water quality reporting tool	Have preliminary tool for reporting tap water results. This is a blocker, and is high priority before tap water testing kits are distributed	11/1/2023	2/1/2024	Programmer /Integrator
Develop Educational Content	Create educational materials for workshops and meetings	11/01/23	2/01/24	Environmental Educator

Milestone	Description	Start Date	End Date	Responsible Party
Conduct Workshops	Host workshops on water quality and conservation	11/01/23	7/01/26	Environmental Educator
Water Testing (16 kits/month)	Perform water quality tests in community (50% completion, or 250 kits distributed)	02/01/24	5/31/25	Participants
Water Testing (16 kits/month)	Perform water quality tests in community (100% completion, or 500 kits distributed)	6/1/25	9/29/26	Participants
Data Collection & Analysis	Gather and analyze data from water tests and community input (minimum 250 water tests completed)	2/01/24	5/31/25	Project Manager
Data Collection & Analysis	Gather and analyze data from water tests and community input (minimum 500 water tests completed)	6/01/24	9/29/26	Project Manager
Progress Reporting	Submit required progress reports	12/01/23	10/30/26	Project Manager
Final Report & Evaluation	Prepare and submit the final project report and evaluation	6/01/26	7/01/26	Project Manager

c. Itemized Budget Sheet / Budget Narrative

See Other Attachments.

3.0 Environmental Results

a. Environmental Results (Logic Model)

See Other Attachments.

b. Performance Measurement Plan

1. Performance Indicators and Targets To effectively measure the project's performance, the PMP will include the following key performance indicators (KPIs) and their respective targets:

   (a) Outputs:

i. Number of community action-research sessions conducted
ii. Number of water testing activities performed
iii. Number of environmental incidents reported by citizens
iv. Number of trash pickup events conducted

(b) Outcomes:

i. Increase in awareness of water quality issues
ii. Reduction in water consumption and waste in homes and public areas
iii. Improvement in physical health due to consumption of clean and safe water
iv. Increase in social capital and environmental justice

2. Data Collection and Monitoring The project team will collect data using CiviCRM to track progress towards achieving the set KPIs. Data sources will include:

(a) Attendance records for community educational sessions, workshops, and meetings
(b) Water testing results from tap and surface water testing activities
(c) Incident reports submitted by citizens through the online platform
(d) Records of trash pickup and disposal activities

3. Evaluation and Reporting- The project team will conduct periodic evaluations of the collected data to measure progress towards achieving the set targets. Formative evaluations will be performed at the end of every semester.. Results will be shared with the Steering Committee and included in the topics of the Annual Community Workshop. Summary of Monitoring and Evaluation findings will be made available to funding agencies.

4. Continuous Improvement- The project team and Steering Committee will use the insights from the evaluations to identify areas where improvements can be made and to adjust project strategies and activities as needed. This process will ensure that the project remains responsive to the needs of the community and that it continuously improves its effectiveness in achieving the desired outcomes.

5. Capacity Building and Training- To ensure the successful implementation of the PMP, the project team will provide training and support to all staff members and volunteers on using CiviCRM and following the established data collection and monitoring processes. This will ensure that everyone involved in the project is well-equipped to contribute to the project's performance measurement efforts.

In conclusion, the Performance Measurement Plan for the CARE-EJ project aims to ensure that the project effectively tracks its progress towards achieving its goals and that it continuously improves its strategies and activities to maximize the positive impact on the target communities. By utilizing CiviCRM as the primary tool for tracking and case management, the project will maintain a comprehensive and accessible record of its performance, allowing for informed decision-making and increased accountability.

c. Sustainability Plan and Community Vision

Sustainability Plan:

1. Partnerships: Establish and maintain strong partnerships with local government entities and other community organizations, schools, and businesses. These partnerships will facilitate ongoing collaboration, resource sharing, and support for water management and environmental initiatives. Once the value of these community tools becomes apparent, we hope to secure funding to continue with the reporting system or facilitate transferring CARE-EJ to a private CBO or municipal entity.

2. Online Incident Registration System: Develop, test, and implement an online platform for registering water-related incidents and concerns. This system will enable continuous monitoring of water quality and facilitate community engagement in identifying and addressing issues. In addition, the entirety of the online reporting system including its source code, project files, etc will be made available freely to the public. We want other at-risk communities to take advantage of the project's publicly funded products.

3. Educational Materials: Develop a comprehensive set of educational materials on how to engage communities in action-research that advances water quality, conservation, and sustainability presenting select case studies from the project. These materials will be made available to the community, schools, and local organizations, ensuring long-term access to information and resources.

Community Vision:

The vision for the communities in Manatí, Ciales, and other areas of the northern and central region of Puerto Rico is to achieve a future where:

1. Clean and sustainable water resources are accessible to all residents, ensuring improved health and well-being.

2. Community members are empowered with knowledge and resources to actively advocate for their rights, better water quality, and conservation.

3. Local organizations, schools, and businesses collaborate to address environmental challenges and promote sustainable practices.

4. An increase in social capital and resilience is nurtured through community engagement and collaboration.

5. Generational commitment to environmental stewardship and sustainable water management practices are embedded in the values and actions of community members.

d. Impact Evaluation

PR PASS will facilitate a participatory impact evaluation of the CARE-EJ program that includes a community-sourced Health Impact Assessment. The objective of this impact assessment will be to understand the social and health impact the project has had and,

if and how, it has advanced the overarching aim of promoting community empowerment, strengthening regional networks and building trust. In order to facilitate the measurement of impact, the Steering Committee will proactively develop a participant sign-up form that gathers socio-demographic data and perception of access to safe water, community empowerment and social trust in the generation of change that benefits access to safe water.

e. Engaged Research

PR PASS is committed to community engaged practices in the social sciences. The design of the CARE-EJ Program is an example of this commitment. The focus and many of the activities cited in this proposal first arose in the Café Ambiental- event held in Manatí with the participation of residents from Manatí and Ciales. The CARE-EJ Steering Committee includes representatives from other communities that are not being immediately impacted but that agreed with the urgency of the topic and relevance of activities suggested. We are confident that the and case studies developed will provide a roadmap that can be replicated by other communities and funding agencies.

4.0 Programmatic Capability

a. Organizational Experience related to the proposed project and their infrastructure as it relates to their ability to successfully implement the proposed project.

PR PASS has conducted significant fieldwork in the communities of Puerto Rico, and while our organization (PR PASS) may not have direct grant administration experience, our team members and partners bring valuable experience. Our team has participated in rapid research projects funded by the Natural Hazards Center, focusing on disaster impacts on vulnerable communities, conducted evaluation research for organizations like Habitat for Humanity, and managed grant-funded projects for other organizations (Hogar de Ayuda el Refugio, Inc.). This wealth of experience positions PR PASS to effectively undertake projects that benefit the communities we serve.

Over the past 3 years, we have successfully implemented numerous projects focused on disaster recovery, housing, homelessness, community engagement, and research.

Some of our key accomplishments include:

1. Completed February 2023: Three-year contract with Habitat for Humanity of Puerto Rico and Habitat for Humanity LLC, we successfully completed a digital workflow transformation. The digital transformation established a case and contact management system (CiviCRM) and various data intake and reporting tools (Drupal) for their multiple programs. Information that was once scattered throughout the organization is now accessible from a unified dashboard. *Completed on time and budget.*

2. Completes October 2023: Three-year contract with Habitat for Humanity International PR, LLC. We provided program monitoring, developmental evaluation, institutional learning, and conducted an impact evaluation of a $50 million disaster recovery program

that included home repair, home building, community capacity building, construction training, and legal aid for home titles. Our participatory evaluation process involved participants and comparison communities in defining terms, study design, instrument development and validation, data collection and analysis, and knowledge sharing.

Our organization's infrastructure and personnel are well-equipped to support the successful implementation of the proposed project. We have a dedicated team of professionals with expertise in social work administration, information systems, community outreach, field work, participatory research, and non-profit management. Additionally, we have established partnerships with local stakeholders and organizations, which enable us to effectively engage with the target community and leverage resources for the project's success.

Our team members' experience with contracts for grant-funded projects has allowed us to develop strong financial management and reporting systems, ensuring accountability and transparency in the use of project funds. Furthermore, our organization is committed to ongoing monitoring and evaluation to track project progress and adapt our strategies as needed, guaranteeing the project's continued relevance and effectiveness.

b. Staff Experience / Qualifications of Project Manager (PM)

James O'Malley, MSW: Mr. O'Malley specializes in designing and developing services for non-profit organizations and public agencies in social services. In recent years he has worked with community based organizations like La Fondita de Jesús (homeless services) and Fondos Unidos de Puerto Rico (United Way). He excels in capacity-building seminars and providing resources for underserved communities. He brings a system thinking approach, a background in mechanical engineering, deep knowledge of information systems, and experience collaborating across disciplines.

He holds a Masters in Social Work Administration from the Interamerican University and Bachelors in Science from Washington University.

As a technical lead at Altamente LLC., he has managed information systems for various organizations, including developing fundraising platforms for groups like Habitat for Humanity of Puerto Rico and CienciaPR. With a B.S in mechanical engineering from Washington University in St. Louis, MO, he has the technical ability to contribute to environmental science projects.

Mr. O'Malley's dedication to social justice includes an eight-year tenure as a mentor in the juvenile prison system in Puerto Rico. His commitment, project management skills, and technical expertise make him an ideal candidate to lead this program.

Laura Gorbea, PhD: Dr. Gorbea will be providing the project with support in project management, community engagement and participatory evaluation. Her approach to environmental justice is rooted in transformative and engaged practices. Gorbea's experience as an applied anthropologist has crossed public and private sectors in a variety of fields including education, economic development, public health, manufacturing, construction, innovation, technology, nonprofit development, cooperatives and community-based engagements. This diversity has made her an effective translator and mediator in multisector engagements and facilitator in the co-generation of knowledge products.

As Executive Director of PR PASS Workshop, she manages operations and ensures that projects are advance the organization's vision. She also is responsible for creating capacity building opportunities for students and community collaborators, alike.

Dr. Gorbea holds a PhD in Anthropology from Stanford University, as well as a BA in Anthropology, and a BFA in Fine Arts from Washington University in St. Louis. She is a regular contributor at the Society for Applied Anthropology, the Natural Hazards Center and has recently co-authored a peer reviewed article on the use of RAPID methodology in a post-disaster setting.

c. Expenditure of Awarded Grant Funds, and plan for compliance with EPA's Pre-award Compliance Review for Nonprofit Organizations

PR PASS has an established 3 year history of working on projects with non-profit organizations. We use sound financial controls, information management, reporting, and accounting systems.

We address any pre-award concerns in the following manner:

1. Review the EPA's pre-award compliance requirements and guidelines to ensure a thorough understanding of the expectations and obligations for recipients of EPA grant funding.

2. Maintain accurate financial records and accounting systems that clearly differentiate between direct and indirect costs, as well as expenses related to specific grant awards.

3. Implement strong internal controls, such as segregation of duties, proper authorization, and regular financial reviews, to minimize the risk of errors, fraud, or misuse of grant funds.

4. Develop and implement procurement policies and procedures that adhere to federal regulations and promote open, competitive, and fair procurement processes.

5. Ensure that all staff members involved in the project are aware of the grant's terms and conditions, as well as their individual responsibilities to ensure compliance with EPA regulations and requirements.

6. Regularly monitor project progress, financial expenditures, and compliance with grant requirements, addressing any issues or concerns as they arise.

7. Submit all required financial and progress reports to the EPA in a timely manner, providing accurate and complete information on the use of grant funds and the progress of the project.

8. Cooperate with EPA officials during audits, site visits, or other forms of oversight, providing access to financial records, project documentation, and other relevant information as needed.

5.0 Past Performance

Our organization (PR PASS) has no past grants experience.

6.0 Quality Assurance Project Plan (QAPP) Information

We believe we will be required to develop a Quality Assurance Project Plan (QAPP), as we will be conducting tests on surface and tap water and compiling a data base of these results.

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OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: The HOPE Program

Address: 1360 Garrison Avenue

City: Bronx

State: NY: New York Zip Code: 10474

B. Unique Entity Identifier (UEI): Q8TJKKDLTJ64

C. Applicant/Recipient Point of Contact

Name: Irene Branche

Phone: Ex. 6 - Personal Privacy (PP)

Email: ibranche@thehopeprogram.org

Title: Chief Development and Evaluation Officer

II. Is the applicant currently receiving EPA Assistance? ☒ Yes ☐ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

N/A

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

N/A

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

N/A

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

Gianina Kesselman; HR Manager; 1 Smith Street, 4th Floor, Brooklyn, NY 11201; gkesselman@thehopeperogram.org; Ex. 6 Personal Privacy (PP) (F); Ex. 6 - Personal Privacy (PP) (P)

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

HOPE has a policy that meets all standards, including a process for informing management or the Board of Directors and a directive to provide a resolution within 5 days.

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Gentian Haxhillari	Chief Development and Evaluation Officer	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Irene | Middle Name:
Last Name: Branche | Suffix:
Title: Chief Development and Evaluation Officer

Complete Address:

Street1: 1 Smith Street, 4th Floor
Street2:
City: Brooklyn | State: NY: New York
Zip / Postal Code: 11201 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:** Ex. 6 Personal Privacy (PP)
E-mail Address: ibranche@thehopeprogram.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Gentian | Middle Name:
Last Name: Haxhillari | Suffix:
Title: Chief Financial and Operating Officer

Complete Address:

Street1: 1 Smith Street, 4th Floor
Street2:
City: Brooklyn | State: NY: New York
Zip / Postal Code: 11201 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:** Ex. 6 Personal Privacy (PP)
E-mail Address: ghaxhillari@thehopeprogram.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Gentian | Middle Name:
Last Name: Haxhillari | Suffix:
Title: Chief Financial and Operating Officer

Complete Address:

Street1: 1 Smith Street, 4th Floor
Street2:
City: Brooklyn | State: NY: New York
Zip / Postal Code: 11201 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:** Ex. 6 Personal Privacy (PP)
E-mail Address: ghaxhillari@thehopeprogram.org

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** | **First Name:** Ana | **Middle Name:**

Last Name: Chapman | **Suffix:**

Title: Chief Program Officer

Complete Address:

Street1: 1 Smith Street, 4th Floor

Street2:

City: Brooklyn | **State:** NY: New York

Zip / Postal Code: 11201 | **Country:** USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:** Ex. 6 Personal Privacy (PP)

E-mail Address: achapman@thehopeprogram.org

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier: NY

8. APPLICANT INFORMATION:

* a. Legal Name: The HOPE Program

* b. Employer/Taxpayer Identification Number (EIN/TIN): 13-3268539

* c. UEI: Q8TJKKDLTJ64

d. Address:

* Street1: 1360 Garrison Avenue
Street2:
* City: Bronx
County/Parish: New York
* State: NY: New York
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 10474-4916

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Irene
Middle Name:
* Last Name: Branche
Suffix:

Title: Chief Development and Evaluation Officer

Organizational Affiliation: The HOPE Program Leadership Team

* Telephone Number: Ex. 6 - Personal Privacy (PP)
Fax Number: Ex. 6 Personal Privacy (PP)

* Email: ibranche@thehopeprogram.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Mitigating the Urban Heat Island Effect in the South Bronx through CoolRoofs Installment on Industrial Rooftops

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: 14 | * b. Program/Project: 14

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 | * b. End Date: 10/31/2027

18. Estimated Funding ($):

* a. Federal	479,764.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	479,764.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: | * First Name: Irene

Middle Name:

* Last Name: Branche

Suffix:

* Title: Chief Development and Evaluation Officer

* Telephone Number: Ex. 6 Personal Privacy (PP) | Fax Number:

* Email: ibranche@thehopeprogram.org

* Signature of Authorized Representative: Gentian Haxhillari | * Date Signed: 04/14/2023

ML/4WmJqaJU4JF51EWAxwagNKO0=

Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

HOPE Expanding CoolRoofs to Industrial Buildings

1.0
479764.00
479764.00

479764.00
479764.00

94211.00
14378.00
126000.00
216825.00
451414.00
28349.00
479763.00

94211.00
14378.00
126000.00
216825.00
451414.00
28349.00
479763.00

160648.00
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40162.00

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40162.00

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40162.00
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451415
28349

The HOPE Program
1360 Garrison Avenue
Bronx
NY: New York
10474

Q8TJKKDLTJ64
Irene Branche
EX. 6 - Personal Privacy (PP)
ibranche@thehopeprogram.org
Chief Development and Evaluation Officer
Y: Yes
N/A
N/A
N/A
N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Gianina Kesselman; HR Manager; 1 Smith Street, 4th Floor, Brooklyn, NY 11201;
gkesselman@thehopeperogram.org; EX. 6 - Personal Privacy (PP) (F); Ex. 6 Personal Privacy (PP) (P)
HOPE has a policy that meets all standards, including a process for informing management or the Board of Directors and a directive to provide a resolution within 5 days.
Gentian Haxhillari
Chief Development and Evaluation Officer
2023-04-14

Irene
Branche

Chief Development and Evaluation Officer

1 Smith Street, 4th Floor
Brooklyn
NY: New York
11201
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
ibranche@thehopeprogram.org

Gentian
Haxhillari

Chief Financial and Operating Officer
1 Smith Street, 4th Floor
Brooklyn
NY: New York
11201
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
ghaxhillari@thehopeprogram.org

Gentian
Haxhillari

Chief Financial and Operating Officer
1 Smith Street, 4th Floor
Brooklyn
NY: New York
11201
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
ghaxhillari@thehopeprogram.org

Ana
Chapman

Chief Program Officer
1 Smith Street, 4th Floor
Brooklyn
NY: New York
11201
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
achapman@thehopeprogram.org

1234-Nichola Ramchurjee Resume.docx.pdf
application/pdf

HO4Z1Sr0g7PQD/P+3/Lhkf0GcW8=

1235-HOPE 501c3 (1) (1).pdf
application/pdf
lcYacblhgjD1grS7ffJJ8MzkJ1c=

1236-20230414- Letter of Support - Hope Program.pdf
application/pdf
tT6VBp7DL32apJi2ocfz/qeo6mM=

1237-Letter of Support for the HOPE Program - Cool Roofs[59].pdf
application/pdf
lWJj/EbBZEJdFo5AXNJfYBKFHKM=

1238-26053FEA.pdf
application/pdf
+RwB5RSIeOIu9L6sZDCZJ5VgHwA=

1239-EPA-EJCPS Logic Model.pdf
application/pdf
baayqb3dlxZbPMiJhRhbPGggu9U=

1240-EPA EJCPS Budget - Sheet1 (1).pdf
application/pdf
z/xSQZepz7SQAdqSt7XirLWC68Y=

Application
New
2023-04-14
NY
The HOPE Program
13-3268539
Q8TJKKDLTJ64
1360 Garrison Avenue
Bronx
New York
NY: New York
10474-4916
USA: UNITED STATES

Irene
Branche

Chief Development and Evaluation Officer
The HOPE Program Leadership Team
EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
ibranche@thehopeprogram.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Mitigating the Urban Heat Island Effect in the South Bronx through CoolRoofs Installment on Industrial Rooftops
14
14
2023-11-01
2027-10-31
479764.00
0.00
0.00
0.00
0.00
0.00
479764.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Irene
Branche

Chief Development and Evaluation Officer
Ex. 6 Personal Privacy (PP)
ibranche@thehopeprogram.org
Gentian Haxhillari
2023-04-14

1241-EPA-EJCPS Workplan FY23 (1).pdf
application/pdf
522aKDUwocVfucBc6KqcJjWOqZQ=

ML/4WmJqaJU4JF51EWAxwagNKO0=
2023-04-14T21:26:27.000-04:00
Gentian Haxhillari
GRANT13862016

Internal Revenue Service

Department of the Treasury

P. O. Box 2508
Cincinnati, OH 45201

Date: May 30, 2002

Person to Contact:
Pat Mahan 31-04019
Customer Service Representative
Toll Free Telephone Number:
8:00 a.m. to 6:30 p.m. EST
Ex. 6 - Personal Privacy (PP)
Fax Number:
Ex. 6 Personal Privacy (PP)
Federal Identification Number:
13-3268539

Hope Program, Inc.
1 Smith St
Brooklyn, NY 11201

Dear Sir or Madam:

This letter is in response to your telephone request of May 30, 2002, for a copy of your organization's determination letter. This letter will take the place of the copy you requested. We have also updated our records to reflect your new address as indicated above.

Our records indicate that a determination letter issued in July 1985 granted your organization exemption from federal income tax under section 501(c)(3) of the Internal Revenue Code. That letter is still in effect.

Based on information subsequently submitted, we classified your organization as one that is not a private foundation within the meaning of section 509(a) of the Code because it is an organization described in sections 509(a)(1) and 170(b)(1)(A)(vi).

This classification was based on the assumption that your organization's operations would continue as stated in the application. If your organization's sources of support, or its character, method of operations, or purposes have changed, please let us know so we can consider the effect of the change on the exempt status and foundation status of your organization.

Your organization is required to file Form 990, Return of Organization Exempt from Income Tax, only if its gross receipts each year are normally more than $25,000. If a return is required, it must be filed by the 15th day of the fifth month after the end of the organization's annual accounting period. The law imposes a penalty of $20 a day, up to a maximum of $10,000, when a return is filed late, unless there is reasonable cause for the delay.

All exempt organizations (unless specifically excluded) are liable for taxes under the Federal Insurance Contributions Act (social security taxes) on remuneration of $100 or more paid to each employee during a calendar year. Your organization is not liable for the tax imposed under the Federal Unemployment Tax Act (FUTA).

Organizations that are not private foundations are not subject to the excise taxes under Chapter 42 of the Code. However, these organizations are not automatically exempt from other federal excise taxes.

Donors may deduct contributions to your organization as provided in section 170 of the Code. Bequests, legacies, devises, transfers, or gifts to your organization or for its use are deductible for federal estate and gift tax purposes if they meet the applicable provisions of sections 2055, 2106, and 2522 of the Code.

Hope Program, Inc.
13-3268539

Your organization is not required to file federal income tax returns unless it is subject to the tax on unrelated business income under section 511 of the Code. If your organization is subject to this tax, it must file an income tax return on the Form 990-T, Exempt Organization Business Income Tax Return. In this letter, we are not determining whether any of your organization's present or proposed activities are unrelated trade or business as defined in section 513 of the Code.

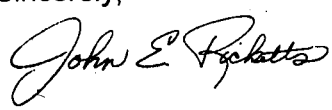
The law requires you to make your organization's annual return available for public inspection without charge for three years after the due date of the return. If your organization had a copy of its application for recognition of exemption on July 15, 1987, it is also required to make available for public inspection a copy of the exemption application, any supporting documents and the exemption letter to any individual who requests such documents in person or in writing. You can charge only a reasonable fee for reproduction and actual postage costs for the copied materials. The law does not require you to provide copies of public inspection documents that are widely available, such as by posting them on the Internet (World Wide Web). You may be liable for a penalty of $20 a day for each day you do not make these documents available for public inspection (up to a maximum of $10,000 in the case of an annual return).

Because this letter could help resolve any questions about your organization's exempt status and foundation status, you should keep it with the organization's permanent records.

If you have any questions, please call us at the telephone number shown in the heading of this letter.

This letter affirms your organization's exempt status.

Sincerely,



John E. Ricketts, Director, TE/GE
Customer Account Services

Hunts Point Produce Market™
WE KNOW BEST.

April 14, 2023

United States Office of Environmental Justice
Environmental Protection Agency [Mail Code 2201A]
1200 Pennsylvania Avenue, NW
Washington D.C., 20460

Dear United States Office of Environmental Justice:

I am pleased to write in support of The HOPE Program's proposal for U.S. EPA's Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program.

The HOPE Program's NYC °CoolRoofs initiative is a unique, innovative climate change innovation strategy that benefits communities like the South Bronx that are particularly heat vulnerable. I commit to providing HOPE, °CoolRoofs trainees, and volunteers with access to our building's rooftop in the South Bronx to cover it in a reflective coating that will increase our energy efficiency, cool the building, and reduce emissions in our community. We are incredibly grateful for this partnership opportunity and wholeheartedly support HOPE's proposal for funding.

If you have any further questions, please feel free to contact me at Ex. 6 - Personal Privacy (PP) or email me at Ex. 6 - Personal Privacy (PP)

Sincerely,



Phillip Grant, P.E., CEO
Hunts Point Terminal Produce Market

DISTRICT OFFICE
1070 SOUTHERN BOULEVARD
BRONX, NY 10459
Ex. 6 - Personal Privacy (PP)
FAX: Ex. 6 Personal Privacy (PP)

CITY HALL OFFICE
250 BROADWAY, SUITE 1747
NEW YORK, NY 10007
Ex. 6 - Personal Privacy (PP)

THE COUNCIL OF
THE CITY OF NEW YORK
RAFAEL SALAMANCA, JR.
COUNCIL MEMBER, 17TH DISTRICT, BRONX

CHAIRMAN
LAND USE

COMMITTEES
OVERSIGHT & INVESTIGATIONS
ECONOMIC DEVELOPMENT
RULES, PRIVELEGES AND ELECTIONS
CIVIL AND HUMAN RIGHTS
SANITATION & SOLID WASTE
MANANEMENT

April 11, 2023

United States Office of Environmental Justice
Environmental Protection Agency [Mail Code 2201A]
1200 Pennsylvania Avenue, NW
Washington D.C., 20460

Dear United States Office of Environmental Justice:

I am pleased to write in support of The HOPE Program's proposal for U.S. EPA's Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program.

This initiative will build on the track record of The HOPE Program and Sustainable South Bronx to provide hands-on environmental job training to individuals from the South Bronx and surrounding communities while simultaneously completing an innovative project proven to mitigate the urban heat island effect within a community that is especially vulnerable to the effects of climate change.

I have been a proud supporter of HOPE's implementation of the NYC °CoolRoofs program through green jobs training, which has supported hundreds in my community across the Bronx in preparing for tomorrow's green economy. I commit to advocating on behalf of The HOPE Program and introducing them to property owners in my district who may benefit from their rooftop coating services wherever possible through this project. I wholeheartedly support HOPE in this effort to reduce City Council District 17's carbon footprint and look forward to continued partnership. I hope you will too.

Sincerely,

Council Member Rafael Salamanca, Jr.
17th District, The Bronx

Ex. 6 Personal Privacy (PP)
Bronx, NY
Ex. 6 - Personal Privacy (PP) | Ex. 6 - Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)

Summary of Qualifications:

- Highly motivated project manager and community organizer with 10+ years' experience focusing on project management, data tracking system, excellent communication, and organization.
- Strong data analysis, training in advanced mathematical and statistical software skill set.
- Computer skills including G Suite apps, email, Internet, remote work, Microsoft Office Suite, SPSS, HTML

Professional Experience:

The HOPE Program — Brooklyn, NY
Project Manager — 11/2020 – Present

- Plan and execute outreach efforts and communication to engage and contract with diverse stakeholders.
- Update and maintain NYC CoolRoofs data tracking systems by utilizing analytic and data visualization tools for climate sustainability and GHG (greenhouse gas) emissions reductions.
- Integrate sustainability programs, and weather-related scheduling adjustments.
- Schedule site visits and inspections, confirm completion, and update data tracking report.

J T Hicks Associates — New York, NY
Office Engineer — 01/2020 - 06/2020

- Scheduled and monitored projects activities and site visits with teams, airfield operations, and facilities maintenance.
- Organized and maintained accurate and detailed project records including weekly and monthly project status reports.
- Coordinated between consultants, external agencies, contractors, property owners and other utility services.
- Prepared reports, maps, schedules, estimates, data collection, documents and agreements as needed.
- Inspected work sites, monitored project budget, scheduled, and checked project plans and drawings to verify authenticity.

Amazing Home Care — Bronx, NY
Assistant Care Person (ACP) — 12/2018 - 01/2020

- Created plans to help shorten patient's recovery period by 10% and work with doctors to develop steps to support dietary needs to lower cholesterol, blood pressure and monitored diabetic conditions.
- Provided and scheduled medical appointments and medication management; coordinated in-home therapies and services, and therapeutic recreation.

SUNY North Bronx Career Counseling and Outreach Center — Bronx, NY
Coordinator/Volunteer — 08/2017 - 07/2018

- Worked with high school students and unemployed adults to achieve certification leading to gainful employment in nursing assistance, childcare, and Microsoft Office
- Performed administrative duties by collecting and maintaining students' record databases, including student status updates and public assistance.
- Engaged the public through job fairs and community outreach activities.

JADE Multi Family Circle Center — Bronx, NY
Program Coordinator/Assistant Teacher — 12/2014 - 08/2017

- Developed and implemented policies for the administration ensuring compliance with city requirements.
- Authored graphic and written media to highlight programs, services and resources to parents and community members.
- Served as agency liaison at all mandated meetings and trainings; organized all internal trainings for staff and students.
- Planned and coordinated outreach programs to engage parents, stakeholders, and partners in collaboration efforts.
- Prepared and maintained databases, forms, and tracking systems to monitored daily functions.

University of Mysore — Mysore, India
Research Associate, Department of Environmental Science — 10/2010 - 04/2015

- Planned and executed project timelines and deliverables, objectives, budget, schedules, promotional media and reports.
- Performed site visits following detailed protocol for recording and processing of data; collected and analyzed data.
- Led public health campaigns focusing on schools, market vendors and consumers, and the residents in targeted areas addressing waste disposal and recycling.
- Conducted community outreach programs encouraging residents to become involved in the development of their neighborhoods; resulted in expansion, construction, and maintenance of buildings and public space.

Education & Training:

The HOPE Program — Brooklyn, NY
Career Enhancement Training — 08/2020 - Present

- Courses in customer service skills and principles, conflict resolution, problem solving, written and interpersonal communications, public speaking, time management, teamwork principles, and project-based learning.
- Computer literacy: Google Suite, Google Docs, email and Internet, remote learning, OSHA 10 General Industry

University of Mysore — Mysore, India
Master of Science and Professional Doctorate, Environmental Science

- Equivalent to U.S. Ph.D.; U.S. master's degree in the field from an accredited institution according to World Education Services, New York, 2015. Proof of evaluation available upon request.

1. Program Objectives

a. Project Summary Page

Project Title: Air Pollution Mitigation through Rooftop Coating and Transitional Employment

Project Location: Hunts Point, Bronx, NY 10474

Applicant Information: The HOPE Program, 1360 Garrison Ave, Bronx, NY 10474
Irene Branche, ibranche@thehopeprogram.org, Ex. 6 - Personal Privacy (PP)

Brief Description of Applicant Organization: HOPE empowers New Yorkers to build sustainable futures through training, jobs, advancement and lifelong career support. We currently operate one general career readiness program (HOPE*works*) and five green jobs training programs (Sustainable South Bronx, Intervine, YouthBuild, HVAC, and NYC CoolRoofs) to ensure that New Yorkers facing significant barriers to employment have the skills and confidence to succeed in the emerging green collar industry. Participants receive training in soft skills, hard skills, digital literacy, financial literacy, work wellness, industry certifications, on-the-job experience, and job search and retention support, as well as a wide range of wraparound services.

Are you applying for the Small CBO Set Aside Track for $150,000 projects? No.

Project Abstract: This project will build upon HOPE's existing implementation of the NYC CoolRoofs program, which provides a training and transitional employment opportunities with supportive career services for 70 New Yorkers annually across two cohorts, while simultaneously reducing emissions of nitrogen dioxide and particulate matter by painting rooftops with a reflective coating that improves buildings' energy efficiency. The project will allow us to coat an additional 150,000 square feet of rooftops on industrial buildings in the South Bronx, an area facing a particularly heavy environmental burden, and to expand our community engagement by hosting community-based organizations, leaders, and residents at our work sites.

Project Type: Environmental Job Training

Special Considerations: None

Environmental Issue: Air

Project Partners: Hunts Point Produce Market (business/industry), New York City Mayor's Office of Climate and Environmental Justice (government agency), Office of New York City Council Member Rafael Salamanca

Will you need to develop a QAPP for your project? No.

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b. Environmental and Public Health Information of the Underserved Community

The HOPE Program seeks to continue our innovative expansion of a critical rooftop cooling program to Hunts Point, a South Bronx neighborhood which is significantly impacted by the urban heat island effect and related community health risks.

This predominantly Black and Hispanic community, which faces a poverty rate of 39.6% overall, a shocking 23 percentage points that New York City overall[1], is also burdened with disproportionate environmental risks. Due to its proximity to the bustling Bruckner Expressway; the Hunts Point Food Market, which transports 60% of New York City's produce consumption every year; and the Hunts Point Wastewater Treatment Plant, this community ranks in the 90th to 100th percentile on the United States Environmental Protection Agency's air toxins respiratory hazards (EJSCREEN). In addition to degraded air quality, the Hunts Point industrial area and associated trucking contributes to locally higher temperatures, which are a health hazard on their own. These factors combine with a lack of green space to yield one of the highest heat vulnerability indices in New York City, according to the New York City Department of Health and Mental Hygiene. These environmental justice issues, alongside other factors, contribute to significant health disparities: asthma-related ER visits among children are nearly double the citywide rate in Hunts Point and the Bronx has a heart disease mortality rate which is 42% higher than Manhattan. The community we propose to serve aligns with Justice40 criteria in six categories including transportation, health, housing, legacy pollution, water and wastewater, and workforce development.



The map (left), courtesy of the New York City Economic Development Corporation, highlights how the environmental impact of the industrial area and food distribution center directly impacts residents of Hunts Point.

[1] NYU Furman Center, 2019

This urban heat island effect causes many problems for residents of the communities most impacted. As the United States Environmental Protection Agency reports, increased temperatures lead to:

- An estimated 5-10% increase in energy consumption, typically in low-income communities with few extra resources to cover these costs
- Increased use of electricity, which emits sulfur dioxide, nitrogen oxides, particulate matter and other air pollutants
- Impaired water quality
- Above average mortality rates

Fortunately, there are efforts to address these environmental impacts. The New York City Department of Environmental Protection announced in summer 2018 a $67 million investment in energy efficient upgrades to the wastewater treatment plant. More recently, the Hunts Point Produce Market received a historic investment from the federal Infrastructure and Investment Jobs Act (IIJA) to modernize and renovate its facility with a focus on cutting carbon emissions. Despite these efforts, large industrial polluters continue to degrade quality of life in the community.

In 2020, HOPE proposed a community-based solution to engage the industrial polluters in Hunts Point in joining these environmental solutions. HOPE is currently the sole operator of the NYC CoolRoofs program. New York City maximizes city funding and resources towards supporting and prioritizing non-profit and affordable housing buildings by offering no-cost cool roof installations to them, while private and for-profit organizations are generally responsible for the cost of the materials, but not the labor to install the coating. These costs have historically excluded private owners/operators from this vital solution, even when private industrial buildings are often the biggest contributors to decreased air quality, particularly in Hunts Point. Through funding from a 2021 EJCPS grant, HOPE leveraged the local labor provided by the NYC CoolRoofs program to cover the cost of coating 100,000 square feet of industrial rooftop in Hunts Point. We are seeking additional funds to coat an additional 150,000 square feet over the three year period of performance between the Hunts Point Produce Market and other local industrial buildings. By engaging job training participants in this paid transitional work opportunity, this model ensures that those most impacted by the environmental injustice earn wages and develop skills while serving as part of the solution. Further, this will serve as a demonstration project to engage industrial buildings in the CoolRoofs program at the subsidized cost offered by the city.

c. Organization's Historical Connection to Underserved Community

Sustainable South Bronx (SSBx) was founded in 2001 to address the environmental challenges facing this community. Located in Hunts Point, SSBx joined forces with The

Point Community Development Corporation, and other community stakeholders to transform a former illegal dumping ground into 1.4 acres of greenspace now known as Hunts Point Riverside Park. This legacy of partnership to transform our local community continues to inform our work today.

As SSBx continued to advocate for increased environmental features in this community, its leadership recognized the simultaneous need for job training for local residents to compete for the jobs coming out of their advocacy and across the growing green collar sector. Over time Sustainable South Bronx transitioned to a green job training organization, always remaining close to the community where it was launched.

In 2015, SSBx joined forces with The HOPE Program, one of New York City's leading workforce development organizations, and is now a wholly incorporated part of our organization. Since that time, we have expanded to launch four additional green jobs programs:

- CoolRoofs, as described above
- Intervine, a social enterprise which secures contracts to green the local community and hires jobseekers in our programs to conduct the work while earning a paycheck and continuing to develop skills for lasting careers
- YouthBuild, which provides high school equivalency preparation and hands-on job training for young adults in green construction and horticulture
- Green & Clean HVAC Training, a program that prepares jobseekers for careers in high-efficiency HVAC installation and maintenance through emerging technologies

Specific recent projects conducted through these programs include:

- Hunts Point Produce Market - 100,000 sq ft coated from the 800,000 sq ft. of coatable roof in fall 2022
- Ongoing maintenance of 14 environmental assets such as rain gardens in Soundview and West Farms to support watershed communities, leveraging paid training opportunities for local residents to complete the projects
- Planting and maintenance of a bioswale in partnership with The Point in the Hunts Point section of the Bronx

Further, we are partnering on solar installation projects, leveraging our jobseekers to clean up local parks, planting and counting trees, building green infrastructure in Concrete Plant Park in nearby Longwood and undertaking additional projects to improve the quality of life in Hunts Point and the surrounding communities. These projects are often conducted in partnership with community leaders, such as The Point CDC, Bronx River Alliance, our local New York State Assembly and New York City Council representatives and many

others.

Across all HOPE programs, approximately 20% of our full-time permanent staff are graduates of our programs or representatives of impacted communities, ensuring that at all times our programs and operations are informed by the individuals we serve. These include our CoolRoofs Crew Supervisor, who is a CoolRoofs graduate now serving in a management role, and our CoolRoofs Assistant Supervisor, who is also a graduate of the program. Both are positioned to serve as leaders in the program and mentors to program participants.

d. EJCPS Model

Rooftop coating at industrial buildings in Hunts Point began in 2021 thanks in part to funding from the EPA. Our approach leverages elements 1, 2, 4, 6 and 7 of the EPA's Environmental Justice Collaborative Problem-Solving Model.

1. Issue Identification, Community Vision and Strategic Goal Setting (Complete): Our proposed solution of providing rooftop coating to improve the energy efficiency of local industrial buildings is informed by local community groups, researchers from the City University of New York (CUNY) as well as New York City environmental policy. Specifically, the Food Policy Center at Hunter College has identified the environmental degradation that results from the 15,000 thousand trucks coming in and out of Hunts Point each day. While the Food Policy Center offers larger-scale solutions, such as the development of maritime delivery mechanisms, our proposed solution leverages local labor in a cost effective manner to contribute to improved air quality in the community.

While the challenge is hyper-local, we are proposing a solution that has a strong connection with New York City government. As previously described, we are proposing an expansion of the existing NYC CoolRoofs program, an initiative that we implement in close partnership with the New York City Department of Small Business Services and the Mayor's Office of Climate and Environmental Justice. It is a City initiative that provides local jobseekers with training and work experience installing energy-saving reflective rooftops to support the City's goal to reduce carbon emissions 80% by 2050. New York City estimates that every 2,500 square feet of rooftop coated yields a one-ton reduction in emissions. Further, this approach has been replicated in California, Florida, and many other communities across the country.

2. Community Capacity-Building and Leadership Development (ongoing): Our proposed solution empowers the individuals most impacted by the effects of climate change to deliver immediate change. In fact, the CoolRoofs model provides paid transitional employment, industry-recognized certifications, and supportive wraparound services to unemployed community residents seeking to build employability skills. Further, crew supervisors, and

frequently, permanent HOPE staff who oversee CoolRoofs implementation are often hired from within the CoolRoofs crews, ensuring that we are developing local leadership and buy-in for the expanded CoolRoofs program. We have further built local ownership over this program by inviting local leaders to visit and share coated rooftops, highlighting the partnership of private industrial buildings and celebrating deep partnership toward improved sustainability, and will continue to do so.

4. Multi-Stakeholder Partnerships and Leveraging of Resources (ongoing): We demonstrated commitment to this priority early in the planning for this project by engaging local elected officials, community groups, and sustainability experts. We are leveraging the expertise and relationship of these partners to identify future building partners. Further, we are leveraging the resources of the New York City Department of Small Business Services, which provides labor for cool roof installation for private buildings as long as the coating materials are covered. This ensures that the EPA's investment is well-leveraged and has a deeper impact than standalone funding.

5. Sound Management and Implementation (ongoing): As the sole implementation partner of the NYC CoolRoofs program since 2015, HOPE has significant experience in successfully implementing this model, including developing lines of communication with business partners, engaging community leaders such as elected officials in CoolRoofs, deploying local labor to earn competitive wages and access to leadership opportunities, training key stakeholders, setting achievable goals, and reporting impact to key stakeholders.

7. *Evaluation, Lessons Learned, and Replication of Best Practices (ongoing):* HOPE has a strong track record of evaluation and reflection. In fact, following each large-scale event or project that we implement, we gather staff from across departments and levels to offer feedback on what worked and opportunities for improvement. Further, we have developed systems to track progress toward goals and course correct as necessary. We will continue to leverage these tools, as well as ongoing communication with the EPA as a key stakeholder and other partners to continuously evaluate our progress and deepen the impact of this work for maximum benefit to our business partners and the residents of Hunts Point.

Specifically, and as described in reports to EPA for our previous EJCPS agreement, we have learned that industrial buildings often do not have stair access to rooftops or rooftop parapets, which is different from our experience with affordable housing and nonprofit partners. These are critical installations to transport the coating material to the rooftop and to meet safety guidelines. We were fortunate that the Hunts Point Produce Market covered the costs to install temporary parapets to make our collaboration possible. As a solution, we are proposing and increased budget to cover these costs and achieve the goal of our proposed EJCPS project, which is to ensure seamless engagement in CoolRoofs for our industrial building partners.

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e. Project Linkages

HOPE's proposed program directly aligns with the EPA Strategic Plan Goal 2, Objective 2.2. Specifically, the objective identifies the need for increased public participation, which CoolRoofs achieves in hiring and employing local residents to implement the program, with a focus on vulnerable and low-income communities, as described in the strategic plan. Further, the impact of this initiative will be to improve air quality and reduce the negative public health impact of the urban heat island effect, thereby improving public health for residents of Hunts Point and surrounding communities. Finally, this initiative addresses the EPA's focus on cross-agency collaboration by leveraging New York City resources alongside a federal grant to make changes in our local community.

Our proposed program also aligns with the federal Clean Air Act. As described above, the initiative reduces cooling needs, subsequently reducing the presence of criteria pollutants in the air, specifically nitrogen dioxide and particulate matter.

f. Partner and Collaborate.

The NYC CoolRoofs program is, at its core, rooted in collaboration between local government, nonprofit organizations, local buildings, and community residents. Through our collaborative model, we not only provide the community with training and education regarding environmental issues within the community, but also with opportunities for economic advancement, leadership, volunteerism, and an effective tool to reduce local energy outputs and air pollution. We will specifically collaborate with the following partners on this project:

Partner (stakeholder group)	Roles and Responsibilities	Resources brought to the project	Vested interest in partnership
The HOPE Program (workforce development CBO)			
Hunts Point Produce Market (business/ industry)		Rooftop access	Hunts Point Produce Market seeks to improve their own energy efficiency through cool roof coating
Office of New York City Councilmember	The Councilmember will leverage his	Community partnerships	

Rafael Salamanca	role to make introductions to HOPE to industrial buildings to participate in the program		
Mayor's Office of Climate and Environmental Justice	Lead City agency partner in the implementation of CoolRoofs, alongside the New York City Department of Small Business Services	As a lead partner, MOCEJ's support and buy-in for expansion to industrial buildings is foundational to our ability to implement the project; MOCEJ is authorizing the use of existing CoolRoofs resources for this project.	

2. Project Activities, Milestone Schedule, Detailed Budget

a. Project Activities:

The HOPE Program proposes to cover approximately 150,000 square feet over three years of industrial rooftop with a coating that reflects heat and improves the energy efficiency of the buildings, contributing to improved air quality in Hunts Point. According to previous estimates from New York City, which provides these services for nonprofit and affordable housing buildings at no-cost, 150,000 square feet of coating will divert 60 tons of emissions for this environmental justice community. Project activities are outlined, along with estimated timelines, in the Milestone Schedule table below.

b. Milestone Schedule:

Timeframe	**Activity**	**Goal**
September - October 2023	Convene community stakeholders to identify local buildings to target for outreach and to build awareness	Engage 5-10 community partners, including those identified in the project planning and additional stakeholders, as well as 25 individual community members

November 2023 - March 2024	Conduct outreach to buildings for spring and fall coating season	Secure contracts with 1-3 buildings to provide 50,000 square feet of rooftop for coating
April - July 2024	Spring coating season	Complete 50% of year 1 square footage target while providing essential paid transitional employment and workforce development services to local community members
August - October 2024	Fall coating season	Complete additional 50% of year 1 square footage target while providing essential paid transitional employment and workforce development services to local community members
October 2024	Fall convening	Bring together approximately 25 community stakeholders to reflect on year one of the grant, generate recommendations for year 2, and identify a pipeline

c. **Itemized budget Sheet/Budget Narrative:** Our budget sheet and budget narrative are included as an attachment.

3. Environmental Results - Outputs, Outcomes and Performance Measures (Logic Model)

a. Our **Logic Model** is included as an attachment.

b. **Performance Measurement Plan**

HOPE employs a custom Salesforce database to successfully manage all programmatic outputs and outcomes. We track detailed demographic details of enrollees, ongoing participation in our programs, job placement data, including initial wages, access to benefits, and full-time vs. part-time placements, time employed, subsequent jobs, career advancement and much more. We have recently deployed a new feature in Salesforce specifically to track progress against rooftop coating goals (previously tracked in spreadsheets). This new system will provide transparency and accountability across the organization to support this agreement.

We have a dedicated Salesforce Administrator to maintain data quality across all programs. This Administrator works closely with our Government Grants team to ensure accurate and timely reporting to public contractors. We will continue to follow these

practices of timely, accurate, and holistic data entry and analysis to monitor performance and progress throughout the project period. Specifically, we anticipate meeting our output goal of 1,000,000 square feet coated within two years. We also anticipate that 90% of participants will complete the eleven-week program. Finally, we will engage 25 new community members each fall coating season of the grant.

c. Sustainability Plan and Community Vision

As an environmental justice community with a largely low-income population, Hunts Point has long been a prime neighborhood for sustainability projects. And given the extent of the degradation, all of these efforts are critical to building a cleaner and more livable neighborhood for residents. As described previously, Hunts Point has enjoyed the development of new park space and there are large-scale efforts to transform the wastewater plant, both of which contribute to improved air quality in Hunts Point. This project builds on those efforts and leverages local talent to implement a community-based solution. Further, this initiative brings to Hunts Point a proven sustainability approach that, because of existing funding streams, has not historically been available in this high-need community prior to 2021.

4. Programmatic Capability

a. Organizational Experience: The HOPE Program's ability to successfully implement this grant is reflected in our highly experienced and dedicated staff, engaged board, robust infrastructure, financial processes, and track record of successful partnership. HOPE has a staff of approximately 60 FTEs, 20% of whom are graduates of our training programs or representatives of impacted communities. Over half of our staff have advanced degrees, several in mental health counseling and other highly relevant areas.

We operate from two locations, one in Downtown Brooklyn and another in the Hunts Point section of the Bronx, each readily accessible by public transportation. Both locations include classroom, office facilities, and mobile computer learning labs where participants will be able to develop their resumes and pursue post-program employment opportunities. The classroom spaces are equipped with projectors and other technologies to support training and community engagement.

HOPE uses FundEZ accounting software, and our systems ensure that assets are safeguarded, financial statements are prepared in conformity with GAAP, and that finances are managed with responsible stewardship. FundEZ also has robust reporting capabilities allowing users to perform detailed analysis of source data. Our finances are maintained by a full-time staff member, a seasoned non-profit financial analyst overseen by our Chief Financial and Operating Officer. Our board conducts financial reviews six times a year. We consistently achieve clean audits from our external auditor, CBIZ.

We use a custom Salesforce database to record and track client data for all programs, generating reports for public and private funders and to monitor progress towards programmatic goals. Participant demographic and personal data collected during the hiring process will be captured, as well as program progress and achievements, and employment outcomes. We have a dedicated Salesforce System Administrator to create comprehensive outcome reporting to ensure high data quality and analysis. We have been recognized as a leader in the field of data collection, and have been invited by leading funders to support peer organizations as they develop robust data systems.

b. **Staff Experience/Qualifications of Project Manager:** The Project Manager for this initiative will be Nichola Ramchurjee (resume included as an attachment). Nichola is uniquely positioned to manage this program as she holds a PhD from Mysore University in Environmental Sciences, and as a new American who struggled to connect with the workforce, completed HOPE's job training programs. She recently became a Registered Environmental Professional through the National Registry of Environmental Professionals. Nichola has led the team in successfully meeting CoolRoofs targets since November 2020, and played a key role in the prior implementation of our EJCPS agreement.

   The CoolRoofs program is overseen by HOPE's Chief Program Officer, Ana Chapman. Ana joined HOPE in 2021 and is responsible for the program design and implementation of HOPE's training programs. She also supports integration of these programs with best practices in career readiness, employer engagement and work-based learning, and wellness to ensure meaningful employment and advancement outcomes for the HOPE community. Ana has over 20 years of experience leading workforce development programs prior to her work at HOPE, including at the Queens Library, Hudson County Community College, and CUNY School of Professional Studies. Ana holds an MA in Individualized Study from NYU and a BA in Liberal Arts from The New School, and she is a graduate of the Workforce Professionals Training Institute Leadership Program. She is also currently working toward an EdD in General Education with an emphasis on the Efficacy of Workforce Development Programs at NorthCentral University.

c. **Expenditure of Awarded Grant Funds, and Plan for Compliance with EPA's Pre-Award Compliance Review for Nonprofit Organizations:** Based on our long track record of successfully managing public and private grants, HOPE has strong systems and processes in place to ensure proper expenditure, tracking and reporting of awarded grant funds. We employ a dedicated Government Grants Manager and Government Grants Associate who report to a Senior Finance Manager and a Chief Financial and Operations Officer. Together, this team prepares monthly financial reports for management and the Board of Directors, completes required grant reports, collaborates with our program teams to develop strategies that align spending with programmatic goals. When specific grants require it, we conduct monthly meetings of the Finance and Program departments

to track progress toward goal, specify remaining funding and programmatic metrics, and strategize continued work on the grant. Further, we maintain several funding relationships through which we collaborate directly with the funding to track these outcomes, as is expected within this opportunity. We will leverage these proven strategies to properly manage funding of an EPA EJCPS award. We successfully spent down our prior EJCPS award and met performance targets.

5. Past Performance

A list of current and former federal contracts held by HOPE is below. We successfully spent down our previous EPA EJCPS grant.

- EPA contract # EC96248620 - Collaborative
- EPA contract # JT96242921 - Brownfields
- DOL contract # Ex. 6 Personal Privacy (PP)
- DOL contract #

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OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: The New York Committee for Occupational Safety and Health

Address: 14 Wall St
Suite 5A

City: New york

State: NY: New York Zip Code: 10005

B. Unique Entity Identifier (UEI): NH6DNJL3AZQ5

C. Applicant/Recipient Point of Contact

Name: Charlene Obernauer

Phone: Ex. 6 - Personal Privacy (PP)

Email: charlene@nycosh.org

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

None

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☒ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

NA

VII. Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95) ☒ Yes ☐ No

a. Do the methods of notice accommodate those with impaired vision or hearing? ☐ Yes ☒ No

b. Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications? ☒ Yes ☐ No

c. Does the notice identify a designated civil rights coordinator? ☐ Yes ☒ No

VIII. Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a)) ☒ Yes ☐ No

IX. Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974)) ☒ Yes ☐ No

X. If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.

Charlene Obernauer, Executive Director
14 Wall Street #5A, New York NY 10005
Ex. 6 - Personal Privacy (PP)

XI. If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.

Charlene Obernauer, Executive Director
14 Wall Street #5A, New York NY 10005
Ex. 6 - Personal Privacy (PP)

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Charlene Obernauer	Executive Director	04/13/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Ms. First Name: Charlene Middle Name: Amber
Last Name: Obernauer Suffix:

Title: Executive Director

Complete Address:

Street1: 14 Wall St
Street2: Suite 5A
City: New york State: NY: New York
Zip / Postal Code: 10005 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: charlene@nycosh.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: Ms. First Name: Therese Middle Name:
Last Name: Ferreira Suffix:

Title: Finance Director

Complete Address:

Street1: 14 Wall St
Street2: Suite 5A
City: New york State: NY: New York
Zip / Postal Code: 10005 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: terry@nycosh.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: Mr. First Name: Lewis Middle Name:
Last Name: Quezada Suffix:

Title: Finance and Operations Associate

Complete Address:

Street1: 14 Wall St
Street2: Suite 5A
City: New york State: NY: New York
Zip / Postal Code: 10005 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: lquezada@nycosh.org

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: Ms. First Name: Lara Middle Name:

Last Name: Maldjian Suffix:

Title: Associate Director

Complete Address:

Street1: 14 Wall St

Street2: Suite 5A

City: New york State: NY: New York

Zip / Postal Code: 10005 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: lara@nycosh.org

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/13/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: The New York Committee for Occupational Safety and Health

* b. Employer/Taxpayer Identification Number (EIN/TIN): 132935028

* c. UEI: NH6DNJL3AZQ5

d. Address:

* Street1: 14 Wall Street
Street2: Suite 5A
* City: New York
County/Parish:
* State: NY: New York
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 100052836

e. Organizational Unit:

Department Name: NYCOSH

Division Name: Training Unit

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Ms.
* First Name: Charlene
Middle Name: Amber
* Last Name: Obernauer
Suffix:

Title: Executive Director

Organizational Affiliation: NYCOSH

* Telephone Number: Ex. 6 Personal Privacy (PP)
Fax Number:

* Email: charlene@nycosh.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Temperature Stress, Climate Change, and Resiliency Trainings for Construction Workers, Warehouse Workers, and Cleaners

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: NY-10 * b. Program/Project: NY-11

Attach an additional list of Program/Project Congressional Districts if needed.

1234-Congressional Districts.docx | Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 * b. End Date: 10/31/2026

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	500,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Ms. * First Name: Charlene

Middle Name: Amber

* Last Name: Obernauer

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 Personal Privacy (PP) Fax Number:

* Email: charlene@nycosh.org

* Signature of Authorized Representative: Charlene Obernauer * Date Signed: 04/13/2023

opckTbqrFZLV9k+ZHhBGbKTJbe8=

Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

The New York Committee for Occupational Safety and Health, Inc.

Application
New
2023-04-13
The New York Committee for Occupational Safety and Health
132935028
NH6DNJL3AZQ5
14 Wall Street
Suite 5A
New York
NY: New York
100052836
USA: UNITED STATES

NYCOSH
Training Unit
Ms.
Charlene
Amber
Obernauer

Executive Director
NYCOSH
Ex. 6 Personal Privacy (PP)
charlene@nycosh.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

Temperature Stress, Climate Change, and Resiliency Trainings for Construction Workers, Warehouse Workers, and Cleaners
NY-10
NY-11
1234-Congressional Districts.docx
application/vnd.openxmlformats-officedocument.wordprocessingml.document
OHvKfNnCi0jRUJjYE1HsNPlmOmw=

2023-11-01
2026-10-31
500000.00
0.00
0.00
0.00
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500000.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Ms.
Charlene
Amber
Obernauer

Executive Director
Ex. 6 Personal Privacy (PP)
charlene@nycosh.org
Charlene Obernauer
2023-04-13

Ms.
Charlene
Amber
Obernauer

Executive Director
14 Wall St
Suite 5A
New york
NY: New York
10005
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
charlene@nycosh.org

Ms.
Therese
Ferreira

Finance Director
14 Wall St
Suite 5A
New york

NY: New York
10005
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
terry@nycosh.org

Mr.
Lewis
Quezada

Finance and Operations Associate
14 Wall St
Suite 5A
New york
NY: New York
10005
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
lquezada@nycosh.org

Ms.
Lara
Maldjian

Associate Director
14 Wall St
Suite 5A
New york
NY: New York
10005
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
lara@nycosh.org

1235-APPENDIX F (2).pdf
application/pdf
cj6n5RJ3214AeitucRo+yDaUKyk=

1236-NYCOSH staff resumes.pdf
application/pdf
aaePr/SG7xFZNCFKAa5RIlxpxNI=

1237-NYCOSH Certificate of Incorporation.pdf
application/pdf
Wfd6Y7yLd4c101qrXlAPMQvGbGw=

1238-NYCOSH 501(c)3 letter of determination.pdf
application/pdf
FOIVQ+7aesy0U+fipMg1X13/V4s=

1239-NICE Letter of Commitment.pdf

application/pdf
9DwKnohi7zr3JT0+BnAleusr5U0=

1240-ALU Letter of Commitment.pdf
application/pdf
xHh/XabC71ah36OhO9BQUCj1bu8=

1241-EJCPS Logic Model.pdf
application/pdf
3jehyDAuUdLaA1MHyYWTLTbne98=

1242-La Colmena Letter of Commitment-final.pdf
application/pdf
A6nfvt7vqOzyPsfk13vc2sy6rQI=

1243-Project Narrative Attachment Form_NYCOSH_final.pdf
application/pdf
8ahS5MjgmF7JSQ9h8rD8pAEd8Rg=

1.0
66.306
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37445.81

37445.81
37445.81

52944.44
52944.44

165281.86
175874.66
158843.48

165281.86
175874.66
158843.48

467202.30
32797.70
IDC Rate Agreement

The New York Committee for Occupational Safety and Health
14 Wall St
Suite 5A
New york
NY: New York
10005

NH6DNJL3AZQ5

Charlene Obernauer
EX. 6 - Personal Privacy (PP)
charlene@nycosh.org
Executive Director
N: No
None
None
None
N: No
N: No
NA
Y: Yes
N: No
Y: Yes
N: No
Y: Yes
Y: Yes
Charlene Obernauer, Executive Director
14 Wall Street #5A, New York NY 10005
EX. 6 - Personal Privacy (PP)

Charlene Obernauer, Executive Director
14 Wall Street #5A, New York NY 10005
EX. 6 - Personal Privacy (PP)

Charlene Obernauer
Executive Director
2023-04-13

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2023-04-13T11:15:31.000-04:00
Charlene Obernauer
GRANT13859947

THE UNIVERSITY OF THE STATE OF NEW YORK
THE STATE EDUCATION DEPARTMENT
ALBANY, NEW YORK 12234

COUNSEL
AND
DEPUTY COMMISSIONER FOR LEGAL AFFAIRS

10/12/79

TO: Department of State
Division of Corporations

FROM: Office of Counsel and
Deputy Commissioner for Legal Affairs

By: Mary Dingman
Legal Assistant

SUBJECT: THE NEW YORK COMMITTEE FOR OCCUPATIONAL SAFETY AND HEALTH, INC.

REFERENCE: Proposed Certificate of Incorporation

462048S

The attached document was submitted to this office for review to determine whether the provisions of section 216 of the Education Law require the consent of the Commissioner of Education to its filing with the Department of State, or whether the Education Department would have any objections to its filing.

After review it is the opinion of this office that there is no necessity for the Commissioner to consent to filing, and that we have no objection to such filing.

This waiver of consent to filing is granted with the understanding and upon the conditions set forth on the reverse side of this memorandum.

Att.

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This waiver of consent to filing is granted with the understanding that nothing contained in the annexed document shall be construed as authorizing the corporation to engage in the practice of law, except as provided by subdivision 5 of section 495 of the Judiciary Law, or of any of the professions designated in Title VIII of the Education Law, or to use any title restricted by such law, or to conduct a school for any such profession, or to hold itself out to the public as offering professional services.

This waiver of consent to filing is granted with the further understanding that nothing contained in the annexed document shall be construed as authorizing the corporation to operate a nursery school, kindergarten, elementary school, secondary school, institution of higher education, cable television facility, educational television station pursuant to section 236 of the Education Law, library, museum, or historical society, or to maintain an historic site.

This waiver of consent to filing shall not be deemed to be or to take the place of registration for the operation of a private business school in accordance with the provisions of section 5002 of the Education Law, nor shall it be deemed to be, or to take the place of, a license granted by the Board of Regents pursuant to the provisions of section 5001 of the Education Law, a license granted by the Commissioner of Motor Vehicles pursuant to the provisions of section 394 of the Vehicle and Traffic Law, a license as an employment agency granted pursuant to section 172 of the General Business Law, or any other license, certificate, registration, or approval required by law.

2

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CERTIFICATE OF INCORPORATION

OF

THE NEW YORK COMMITTEE FOR OCCUPATIONAL

SAFETY AND HEALTH, INC.

Under Section 402 of the Not-For-Profit Corporation Law

THE UNDERSIGNED, for the purpose of forming a corporation under Section 402 of the Not-For-Profit Corporation Law, does hereby make, subscribe and file this Certificate for that purpose and certifies as follows:

FIRST: The name of the Corporation is THE NEW YORK COMMITTEE FOR OCCUPATIONAL SAFETY AND HEALTH, INC.

SECOND: The Corporation is a corporation as defined in Section 102(a)(5) of the Not-For-Profit Corporation Law, pursuant to which the Corporation's purposes shall not be for pecuniary profit or financial gain.

THIRD: Pursuant to Section 201(b) of the Not-For-Profit Corporation Law, the Corporation shall be a Type B Corporation.

FOURTH: The purposes for which the Corporation is formed are:

(a) To provide the public, industry and government with an awareness of occupational safety and health problems;

(b) To assist workers in the exercise of their human and civil rights as secured by law;

(c) To promote communication between these sectors on such issues;

(d) To establish and maintain a clearinghouse of materials on health and safety, and make the same available to workers, unions, industry, government and the public;

3

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(e) To conduct, sponsor and encourage research and inquiry into various facets of safety and health and to disseminate the results of such research to workers, unions, government, industry, professionals in various fields of interest and members of the general public;

(f) To organize, conduct, forster and encourage the organization of conferences, forums, seminars, concerts and lectures regarding issues of substantive and technical interest, importance and currency for persons interested in safety and health questions as well as for the general public, and to disseminate the results thereof;

(g) To publish periodic journals or other publications which discuss, report on and carry features concerning subjects described in (a) through (f) of this Paragraph as well as to prepare, produce and distribute materials including but not limited to books, pamphlets, and audio-visuals, in order to disseminate information as described in (a) through (f) of this Paragraph;

(h) To solicit, receive and maintain, invest and re-invest funds of real and personal property and to contribute its income and so much of the principal, in and as deemed advisable, for the purposes provided in (a) through (g) above.

FIFTH: (a) No part of the income of the Corporation shall inure to the benefit of any member, trustee, director, officer of the Corporation, or any private individual (except that a

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reasonable compensation may be paid for services rendered to or for the Corporation affecting one or more of its purposes), and no member, trustee, officer of the Corporation or any private individual shall be entitled to share in the distribution of any of the Corporate assets on dissolution of the Corporation.

(b) No substantial part of the activities of the Corporation shall be carrying on propaganda, or otherwise attempting to influence legislation, or participating in, or intervening in (including the publication or distribution of statements), a political campaign on behalf of any candidate for public office, except as permitted by Section 501 (h) of the Internal Revenue Code of 1954 as ammended.

(c) In the event of dissolution, pursuant to a plan adopted by the Directors, all of the remaining assets and property of the Corporation shall after necessary expenses thereof be distributed to such organizations as shall qualify under Section 501 (c)(3) of the Internal Revenue Code of 1954, as ammended, subject to an order of a Justice of the Supreme Court of the State of New York.

(d) In any year in which the Corporation shall be classified as a private foundation, the following shall apply: The Corporation shall distribute its income for each taxable year at such time and in such manner as not to subject it to tax under Section 4942 of the Internal Revenue Code of 1954, as ammended, and the Corporation shall not (a) engage in any act of self-dealing as defined in Section 4941(d) of the Code; (b) retain any excess business holdings as defined in Section 4943 (c) of the Code; (c) make any investments in such manner as to subject the Corporation to tax under Section 4944 of the Code; or (d) make any taxable exepnditure as defined in Section 4945 (d) of the Code.

(e) Nothing herein shall authorize this Corporation

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to engage in or include among its purposes any of the activities mentioned in the Not-For-Profit Corporation Law Section 404 (b) through (t), or Judiciary Law Section 495.

(f) Nothing herein shall authorize the Corporation to engage in the practice of the profession of law or any other profession required to be licensed by Title VIII of the Education Law.

(g) The Corporation will solicit funds from the public consistent with the purposes of the Corporation.

SIXTH: Notwithstanding any other provision of these articles, the Corporation is organized exclusively for one or more of the following purposes: religious, charitable, scientific, testing for public safety, literary or educational purposes, or to foster national or international amateur sports competition (but only if no part of its activities involves the provision of athletic facilities or equipment), or for the prevention of cruelty to children or animals, as specified in Section 501(c)(3) of the Internal Revenue Code of 1954, and shall not carry on any activities not permitted to be carried on by a corporation exempt from Federal income tax under Section 501(c)(3) of the Internal Revenue Code of 1954.

SEVENTH: The Corporation shall have all the powers of a corporation specified in Section 202 of the Not-For-Profit Corporation Law, together with the power to solicit grants and contributions for corporate purposes.

EIGHTH: The principal office of the Corporation is the City, County and State of New York, but the Corporation shall have the power to conduct operations elsewhere in furtherance of its corporate purposes. The territory in which the Corporation's operations will principally be conducted is the City, County and State of New York, but as noted above, the Corporation shall have the power to conduct operations elsewhere in furtherance of its corporate purposes.

ED_016126_00001077-00006

NINTH: The initial Directors of the Corporation, all of whom are at least nineteen (19) years of age or older, and their addresses are as follows:

TOBI BERGMAN Ex. 6 Personal Privacy (PP)
Brooklyn, New York 11215

DAVID MICHAELS Ex. 6 Personal Privacy (PP)
New York, New York 10003

DEBORAH NAGIN Ex. 6 Personal Privacy (PP)
Brooklyn, New York 11231

TENTH: The Post Office address to which the Secretary of State shall mail a copy of any notice required by law is:

THE NEW YORK COMMITTEE FOR OCCUPATIONAL SAFETY AND HEALTH, INC.
c/o Franklin Siegel, Esq.
Ex. 6 Personal Privacy (PP)
Brooklyn, New York 11201

ELEVENTH: Prior to delivery to the Secretary of State for filing, all required approvals and consents will be endorsed upon or annexed to the Certificate.

IN WITNESS WHEREOF, the undersigned incorporator, being over the age of nineteen (19) years and a citizen of the State of New York, has executed, subscribed and acknowledged this Certificate this 20th day of September, 1979.

TOBI BERGMAN
Ex. 6 Personal Privacy (PP)
Brooklyn, New York 11215

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A C K N O W L E D G E M E N T

STATE OF NEW YORK)
: ss.:
COUNTY OF NEW YORK)

On this 20th day of September, 1979, before me personally came TOBI BERGMAN, to me known and known to me as the person described in and who executed the foregoing Certificate, and he duly acknowledged to me that he executed the same.

Notary Public

[redacted]
Notary Public, State of New York
No. [redacted]
Qualified in Kings County
Commission Expires March 30, 1980

ED_016126_00001077-00008

SUPREME COURT OF THE STATE OF NEW YORK
COUNTY OF NEW YORK

In the Matter of the Incorporation of

THE NEW YORK COMMITTEE FOR OCCUPATIONAL SAFETY AND HEALTH, INC.

I, HERBERT SHAPIRO, a Justice of the Supreme Court of the State of New York, First Judicial Department, do hereby approve the foregoing Certificate of THE NEW YORK COMMITTEE FOR OCCUPATIONAL SAFETY AND HEALTH, INC., a Type B Corporation, and consent that the same be filed, pursuant to Section 404 of the Not-For-Profit Corporation Law.

Dated: New York
OCT 23 1979

Justice of the Supreme Court
of the State of New York

WAIVER OF NOTICE TO ATTORNEY GENERAL

THE UNDERSIGNED HAS NO OBJECTION TO THE GRANTING OF JUDICIAL APPROVAL HEREON AND WAIVES STATUTORY NOTICE

ROBERT ABRAMS
ATTORNEY GENERAL
STATE OF NEW YORK

THOMAS FERNANDES
Assistant Attorney General

ED_016126_00001077-00009

NYS DEPARTMENT OF STATE

FILING RECEIPT — **NAME RESERVATION (NOT-FOR-PROFIT)**

CORPORATION NAME

THE NEW YORK COMMITTEE FOR OCCUPATIONAL SAFETY AND HEALTH, INC.
(RESERVED FOR 60 DAYS)

DATE FILED	DURATION & COUNTY CODE	FILM NUMBER	CASH NUMBER
09/28/79		Ex. 6 Personal Privacy (PP)	Ex. 6 Personal Privacy (PP)

NUMBER AND KIND OF SHARES

LOCATION OF PRINCIPAL OFFICE

COMMENTS:

FOR FRANKLIN SIEGEL (SUBMIT THIS CTF WHEN FILING)

ADDRESS FOR PROCESS

REGISTERED AGENT

Ex. 6 Personal Privacy (PP)

FEES AND/OR TAX PAID AS FOLLOWS:

AMOUNT OF CHECK $ 00010.00 AMOUNT OF MONEY ORDER $ _____ AMOUNT OF CASH $ _____

$ _____ DOLLAR FEE TO COUNTY

$ FILING
$ TAX
$ CERTIFIED COPY
$ 10.00 CERTIFICATE

FILER NAME AND ADDRESS

FRANKLIN SIEGEL
Ex. 6 Personal Privacy (PP)
BROOKLYN NY 11201

TOTAL PAYMENT $0000010.00

REFUND OF $ TO FOLLOW

G030-516 (1/78)

A620485

— 12

CERTIFICATE OF INCORPORATION

OF

THE NEW YORK COMMITTEE FOR
OCCUPATIONAL SAFETY AND
HEALTH, INC.

New NFP Desk
9/27/79
A609938

11/8 m

STATE OF NEW YORK
DEPARTMENT OF STATE
FILED NOV 13 1979
AMT OF CHECK $ 50
FILING FEE $ 50

P Ny
Type B

426014

FRANKLIN SIEGEL
Attorney-At-Law
Brooklyn, New York 11201

ED_016126_00001077-00011

Internal Revenue Service
District Director

Department of the Treasury

P.O. Box 3200, Church St. Sta.
New York, New York 10008

Date: 15 OCT 1982

Our Letter Dated:
May 8, 1980
Person to Contact:
EP:EO:7201:P. Holub
Contact Telephone Number:
Ex. 6 Personal Privacy (PP)

Case # 1322431OEO

M-82-EO-1001

▷ New York Committee For Occupational
Safety & Health, Inc.
5 Beekman Street
New York, New York 10038

Gentlemen:

This modifies our letter of the above date in which we stated that you would be treated as an organization which is not a private foundation until the expiration of your advance ruling period.

Based on the information you submitted, we have determined that you are not a private foundation within the meaning of section 509(a) of the Internal Revenue Code, because you are an organization of the type described in section 509(a)(2). Your exempt status under section 501(c)(3) of the code is still in effect.

Grantors and contributors may rely on this determination until the Internal Revenue Service publishes notice to the contrary. However, a grantor or a contributor may not rely on this determination if he or she was in part responsible for, or was aware of, the act or failure to act that resulted in your loss of section 509(a)(2) status, or acquired knowledge that the Internal Revenue Service had given notice that you would be removed from classification as a section 509(a)(2) organization.

Because this letter could help resolve any questions about your private foundation status, please keep it in your permanent records.

If you have any questions, please contact the person whose name and telephone number are shown above.

cc: Franklin Siegel, Esq.
56 Thomas Street
New York, New York 10038

Sincerely yours,

District Director

District Director, Manhattan District

Letter 1050 (DO) (7-77)

ED_016126_00001078-00001

La Colmena
774 Port Richmond Avenue
Staten Island, NY 10301

April 12th, 2023

To Whom It May Concern:

We are writing to provide a letter of commitment from La Colmena as a partner of the New York Committee for Occupational Safety and Health (NYCOSH) in their application for EPA funding through RFA #EPA-R-OEJECR-OCS-23-01.

La Colmena is a nonprofit community-based organization founded in 2014, working to empower day laborers, domestic workers, and other low-wage immigrant workers in Staten Island through organizing, education, culture, and economic development. We are committed to providing the tools they need to become leaders who can speak and advocate for themselves and their communities. We serve a varied population of individuals and families from Mexico, Guatemala, Honduras, and Peru, among other places. Our members speak a range of indigenous languages and have different levels of literacy.

NYCOSH is a non-profit, membership organization of workers, unions, community-based organizations, workers' rights activists, and health and safety professionals founded in 1979 on the principle that workplace injuries, illnesses and deaths are preventable. The environmental and public health issues of focus for this grant proposal are temperature stress and workplace resiliency; the communities served will be outdoor workers, including day laborers, agricultural workers, and truck drivers. This funding will allow NYCOSH Safety & Health Specialists to provide trainings for workers across industries on temperature stress, the impact of climate change on worker industries, and developing resiliency; the program will focus on utilizing the hierarchy of hazard controls to protect workers on a job site. The funding will also provide the necessary resources to refine and cater curricula on these topics to specific industries. As the primary contractor, NYCOSH will oversee the administrative and fiscal components of the grant, as well as partnership subcontracts.

La Colmena is excited to partner with NYCOSH to reach immigrant construction workers on Staten Island, who frequently work in extreme temperatures. We hear from workers around the clock who are working outdoors in sweltering heat or in the freezing cold and are all too familiar with temperature-related fatalities; we know first hand the importance of protecting workers from this exposure.

Under this grant, La Colemena will receive a sub-award via NYCOSH for $75,000 to conduct the following activities:

1. Contribute to the project by conducting outreach and telling workers about the project.
2. Conduct outreach to at least 800 immigrant workers in person, virtually, and by phone to participate in trainings.
3. Ensure that members are responsive to NYCOSH evaluations so that accurate data is collected on membership.

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4. Assign approximately 20% of outreach staff time to this project.
5. Provide access to our training space on Staten Island when needed.

La Colmena has a valuable partnership with NYCOSH and fully supports this project. We look forward to working together with the goal of protecting immigrant construction workers on Staten Island.

We thank you for your consideration.

Sincerely,

Yesenia Mata
Executive Director
La Colmena
Ex. 6 - Personal Privacy (PP)
yesenia@lacolmenanyc.org

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) Brooklyn, NY 11218
ph: Ex. 6 - Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)

Professional Experience:

Finance Director, May 2017-Present
New York Committee for Occupational Safety and Health, New York, NY

Managing organizational and grant specific budgets, vouchering for grant payments, Accounts receivable and payable, preparation and oversight of annual audit, reporting out to Finance members of Board of Directors, creating and maintaining dynamic financial reports for day to day operations and financial forecasting, management of Operations and Development Director and Clerical/Administrative staff member.

Finance and Operations Manager, October 2015-May 2017
The Financial Clinic, New York, NY

Contract management, managing organizational and grant specific budgets, organizational databases, HR duties, Accounts receivable and payable, management of operations associate, management and analytics of sales surrounding social enterprise, preparation and oversight of annual audit, reporting out to Finance members of Board of Directors, creating and maintaining dynamic financial reports for day to day operations and financial forecasting.

Administrative Assistant, January 2015-September 2015
Reach Out and Read of Greater New York, New York, NY

Accounts receivable and payable, managing budgets, organizational databases, HR duties, worked with Development Director on fundraising, event planning, and reporting and budgets related to grant management.

Operations Manager, March 2012 – December 2014
Third Wave Foundation, New York, NY

Coordinated the granting of funds between donors and organizations that focus on underserved populations, managed accounts receivable and payable, programmatic and general budgets, organizational databases, investment accounts, audits, board meetings, HR duties, benefits administration, consultant contracts, an internship program, and daily office operations.

Education:

Hunter College, New York, NY
Degree: B.A. in Economics

Relevant coursework: Economic Statistics, Money and Banking, Econometrics, Microeconomics, Macroeconomics, Computer Science, Labor Economics, Economic Development.

Skills:

Proficient in Excel (and all other Microsoft Office programs), Salesforce, Quickbooks, GiftWorks, Exceed, Stata, C++, and database management.

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Ex. 6 Personal Privacy (PP) Brooklyn, NY 11201
E-mail: Ex. 6 - Personal Privacy (PP)
Tel: Ex. 6 - Personal Privacy (PP)

EDUCATION

CUNY SCHOOL OF PUBLIC HEALTH AND HEALTH POLICY, New York, NY — August 2015—December 2017
Master of Public Health, concentration in Environmental and Occupational Health Science
Capstone: "Industrial Hygiene in the Brewing Industry: A Case Study of a New York Regional Brewery"

ST. GEORGE'S UNIVERSITY, St. George, Grenada, W.I. — January 2013—March 2014
Completed three semesters of combined MD/MPH coursework

STONY BROOK UNIVERSITY, Stony Brook, NY — August 2005—May 2009
Bachelor of Arts in Political Science, 2009

EXPERIENCE

NEW YORK COMMITTEE FOR OCCUPATIONAL SAFETY AND HEALTH, New York, NY — December 2017—Present
Industrial Hygienist
Provide on-site industrial hygiene services, including site inspections, risk identification and management, and hazard remediation recommendations. Provide technical assistance to individuals and organizations and respond to inquiries regarding workplace hazards. Work with unions and community-based organizations to develop safety and health training programs. Develop training materials, including curricula, fact sheets, and other resources based on best safety practices and in compliance with federal, state, and local regulations. Conduct safety and health training sessions for unions and community organizations. Collaborated with partner organizations to provide technical information for the development of a national COVID-19 policy guidance document and the NY HERO Act.

THE CITY UNIVERSITY OF NEW YORK – SCHOOL OF LABOR & URBAN STUDIES, New York, NY — January 2021—May 2021
Adjunct Lecturer
Taught graduate and undergraduate mixed level Occupational Safety and Health course at the Department of Labor Studies during the Spring 2021 semester.

NEWYORK-PRESBYTERIAN HOSPITAL, New York, NY — November 2016—December 2017
Specialist, Environment of Care Compliance
Ensured the health and safety of Facilities Operations employees by conducting safety audits of work areas, investigating workplace accidents to determine root cause, and organizing safety directives and trainings. Managed and coordinated enterprise-wide water safety program. Conducted compliance audits and document reviews of inspection, testing, and maintenance records for fire alarm systems, water based fire protection systems, emergency power supply systems, and medical gas systems. Reviewed and updated hospital-wide policies as necessary. Ensured compliance with federal and state regulations, including OSHA, EPA, DEP, FDNY, NFPA Life Safety Code, and The Joint Commission Elements of Performance.

BUREAU VERITAS NORTH AMERICA, INC., Edison, NJ — May 2014—November 2016
Junior Industrial Hygienist, Health, Safety, and Environmental Services
Managed three major *Legionella* risk exposure control projects to evaluate the efficacy of water management practices in place. Performed a variety of field surveys and exposure assessments, including noise, carbon dioxide, carbon monoxide, respirable and total particulate, hexavalent chromium, heat stress, nano-compounds, and indoor air quality, in accordance with NIOSH and OSHA sampling methodologies. Performed facility audits to verify compliance with federal, state, and local regulations and internal policies. Performed monitoring and risk assessment during emergency response actions for a railroad service. Performed asbestos inspections at commercial and manufacturing sites within US and Canada, including an international beverage corporaton. Performed quantitative respirator fit testing using a TSI, Inc. Portacount Plus. Assisted clients in improving control methods and hygiene procedures, including personal protective equipment. Produced written reports and other deliverables for clients. Evaluated functionality of sampling equipment, and sent for repair and calibration as needed. Maintained necessary qualifications and training certificates.

STONY BROOK UNIVERSITY HOSPITAL, Stony Brook, NY — June 2010—January 2013
Research Assistant, Obstetrics and Gynecology Department
Screened and recruited patients for research studies. Managed data of enrolled patients and ensured all projects were in accordance with IRB requirements; submitted projects for renewal as needed. Collected and processed tissue samples from patients scheduled for Caesarean sections. Used Optical Coherence Tomography to obtain images of fetal membranes. Reviewed literature pertinent to research studies. Coordinated with research team members outside of department. Assisted in writing and reviewing two manuscripts for publication.

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CERTIFICATIONS

OSHA Authorized Construction Trainer
Licensed Asbestos Inspector, Project Monitor, Air Sampling Technician, State of New York No. Ex. 6 Personal Privacy (PP)
40-Hour HAZWOPER
FEMA Emergency Management Institute, Incident Command System ICS-100, ICS 200

PROFESSIONAL AFFILIATIONS

American Industrial Hygiene Association (AIHA)

PUBLICATIONS

Redacted (2015). Usefulness of two clinical chorioamnionitis definitions in predicting neonatal infectious outcomes: A systematic review. *Amer J Perinatol 32*(11), 1001-1009. doi: 10.1055/s-0035-1547325

Redacted (2014). Anatomy of the fetal membranes using optical coherence tomography: Part 1. *Placenta 25*(12). Doi: 10.1016/j.placenta.2014.09.011

Redacted 2011) Maternal and fetal metabolic and inflammatory response in gestational diabetes (GDM) at term. *Am J Obstet Gynecol 204* (1). doi:10.1016/j.agog.2010.10.263

LANGUAGES

Fluent in Russian (Native speaker – written and spoken)

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Queens, NY 11368

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Education

1989 Hunter College NYC, NY
BA Psychology/Sociology

Scholarship Honors

Adahama Marc Program Scholarship
Mayor Scholarship Foundation
Earned seven certificates of recognition for excellence in research
National Service Award in Psychology
Vice president of Hunter College Psychological Society
Vice President of Hunter College Psi-Chi Honor Society
Presented Research finding in Psychology conferences in Washington DC and NYC
Received the Queens Community Award by city council Helen Sears 2006
Was presented with the "Education and Training Award by National Occupational Safety & Health Movement, 2012
Was presented with the " SUMAK KAWSAY" 2014 Award by the Ecuadorian Counsel of NY, 2015
Was awarded with the APHA Jim Keogh Scholarship, 2015
Was awarded with the New York State Assembly Citation , 2018
Awarded for Outstanding Achievement from Worker Education Resource Committee, 2019

Work experience

2006- Present New York Committee for Occupational Safety and Health – NYC, NY
Safety and Health Specialist II

Train, advocate and provide technical assistance to law wage immigrant workers on safety and health issues and on their rights. Assist with Health promoter Program providing train the trainer sections; co- facilitating Safety & Health trainings with health promoters and helping develop Health Promoter Curriculum; Facilitate Nail Salon worker trainings on a weekly basis and help develop nail Salon curriculum. Have trained around 500 nail salon workers who have successfully graduated from our Nail Salon School and who are on their road to get their Nail Salon Permanent License with the State. Developed Train The Trainer curriculum and co-facilitated training to a group of community leaders so that they can continue helping nail salon workers achieved their dreams and get their permanent state license. Focus efforts on the development of public policy issues of importance to the most vulnerable workers by monitoring and analysis of immigrant worker injuries, illnesses and death. In addition, by activating regional and national coalitions with immigrant advocates religious groups, public and legal health advocates and other allies, to focus efforts with safety organizations and ethnic media to disseminate public service announcements, poster and other educational materials for immigrants on their rights to safety and health on the job. Provide hundreds of 10 and 30 hour OSHA construction/ Industrial certification to Immigrant workers. Have trained and certified hundreds of workers on the mandatory 10 hour Site Safety Training by the Departments of Buildings in NYC. Developed Disaster Preparedness curriculum and have trained workers and organizations on Workplace Disaster Preparedness.

2016- Present United Steel Workers (USW) & Tony Mazzocchi Center (TMC)

Specialized Emergency Response Trainer (SERT) and a USW Tony Mazzocchi Center (TMC) worker-trainer. Had responded to Disaster sites in North Carolina; Puerto Rico; California and NY to train Immigrant workers, community based organizations; union members; faith based; worker centers; city, state and government agencies on how to respond safety to a disaster

2011- 2012 Consortium for Workers Education – NYC, NY

Safety and Health Specialist Educator

Identified community based organizations and workers centers organizing immigrant workers. Developed a working rapport with the organizations and trained hundreds of immigrant workers addressing issues of worker health and safety; immigrant workers rights; wages and hours laws; organizing strategies; capacity building and advocacy.

2011-2012 Center for Financial Services Innovation – NYC, NY

Field Researcher for the Financial Diaries

Conducted research using an in-depth 16 month research technique which involved twice-monthly interviews to Latino families (referred by community partners) on how working families living in low-income communities actually made ends meet on a daily, weekly, monthly, or yearly basis; cataloging their struggles and studying their survival strategies, and from there determining which tools and support systems they do, and don't, need.

The goal of the research was to identify and publicize lessons about how working families manage their finances, and to better understand the condition of poverty, including how problems like poor health, low skills, social isolation, and limited access to markets affect family finances hoping that firms find value in research to create more useful products; that policymakers will be aided in crafting laws and regulations; and that nonprofit service providers gain insight into program design. Ultimately, the aim was to reduce the barriers to financial well-being currently faced by working families.

2004-2006 Latin American Integration Center – Queens, NY

Occupational Safety and Health Project Coordinator

Coordinate and conduct Occupational Safety and Health workshops educating the immigrant community at different sites expanding beyond the workplace and targeting community-based organizations, industries, consulates, churches, libraries, schools, community boards, health fairs, police prencints, park and street events. Distribute appropriate material and make referrals. Serve as a bridge between immigrant workers and those organizations. Advocate for those in need of legal assistance

Immigrant Workers Health Van Campaign Project Coordinator

Outreach and identify immigrant workers performing high risk jobs who may be developing occupational health problems; refer them for medical examinations at Elmhurst Hospital Van Campaign; distribute Occupational Safety and Health and workers rights pamphlets , booklets and material . Provide counseling and referral on immigrant rights on site. Educate labor workers on how to begin organizing among themselves to demand their rights at the workplace. Follow up on workers health and on services they receive at Elmhurst Hospital

September 11 Medical Monitoring Program

Conduct outreach events to identify September 11 workers in need of medical monitoring assistance and enroll them in the program. Establish a working relationship with local newspapers, radio and television channels and partnership with them to better distribute the information on the program. Conduct workshops on the effects of the aftermath of September 11

Participated in investigation of psycho physiological components of weeping. Administered an interpreted text. Participated in design of questionnaire. Co-authored article on subject. Explored differences in emergences and course of social smiling between pre-term and full-term infants. Assisted in development of scale, which was used to diagnose affective disorders in infants. Administered and interpreted texts. Entered data in computer.

Certification

OSHA Authorized Outreach Trainer 10 & 30 Hour Construction & General Industrial Trainer;
Scaffolding Safety and Health Authorized Trainer;
Silica Safety and Health Authorized Trainer;
hazard Communication/ GHS Safety and Health Authorized Trainer;
Material Handling Safety and Health Authorized Trainer;
Personal Protective Equipment Authorized Trainer;
Nail Salon Safety and Health Authorized Instructor;
15- Hour Disaster Site Workers Safety & Health;
USWTMC Train- The –Trainer; OSHA 7600; Incident Command System (ICS) ; infectious Disease Trainer
SST Worker Trainer

REFERENCES Furnished upon Request

OVERVIEW:

- Occupational Safety & Health educator, activist, and specialist empowering workers across private and public sectors
- Experienced labor advocate and trainer
- Adjunct Lecturer at the CUNY School of Labor and Urban Studies

EDUCATION:

The Murphy Institute/CUNY School of Professional Studies, New York, NY

M.A. in Labor Studies — May 2015
Advanced Certificate in Labor Studies — December 2013

University of Massachusetts, Amherst

B. A. in Social Thought & Political Economy (STPEC) within the College of Social and Behavioral Sciences, Student Speaker for STPEC at the college's graduation ceremony — May 2013

CERTIFICATIONS:

Keene State College	OSHA-10 General Industry Authorized Trainer	2018
Rutgers University	40-hour OSHA Hazardous Waste and Emergency Response	2018

WORK EXPERIENCE:

New York Committee for Occupational Safety and Health , New York, NY

Safety & Health Specialist II — **April 2020 – Present**
Safety & Health Specialist — **April 2018- April 2020**
Program Coordinator — **April 2015-2018**

- Conducts leadership and safety workshops/trainings for union shop stewards in varying sectors on union-powered safety and health committees and worker rights/protections
- Assists union and non-union workers in NYC in controlling and eliminating hazards in their workplace by utilizing the hierarchy of controls and through hazard assessments/surveys, trainings, and safety and health committees
- Research for white papers and policy reports in unsafe working conditions and best practices for controls
- NYC Central Labor Council Delegate and coordinator of union outreach drives, trainings, and events
- Research and workplace hazard assessment and surveying of workers across multiple industries
- Union shop steward and negotiation representative for CBA and labor/management meetings

City University of New York, School of Labor and Urban Studies, New York, NY
Adjunct Lecturer **August 2020 – Present**

- Teaches NYTWU 302, Worker Safety and Health
- The course introduces transit workers to the field of occupational safety and health and applies it to the urban mass transit work environment. The class explores risks and hazards, prevention and control methods, industry-specific policies and procedures, and resources for workers

AFSCME, District Council 37 **Feb 2014-Feb 2015**
Outreach Specialist

- Worked in union's safety and health department responsible for administering and completing $250,000 federal grant aimed to enroll 9/11 responders and survivors into healthcare and compensation programs
- Trained and coordinated the "Next Wave" young union activists in organizing and occupational safety and health
- Collaborated and developed strong relationships with community organizations, city agencies, and DC 37 Local unions
- Participated and coordinated joint labor/management safety and health committees with city agencies and union members

Social Service Employees Union Local 371, D.C. 37 AFSCME **Sept 2013-Feb 2014**
Intern

- Intern at SSEU Local 371 in Health and Safety department
- Participated and coordinated on-site visits with union leaders in health & safety walk-throughs and joint labor-management meetings

UNITE HERE, New England Joint Board **Jan 2013-May 2013**
Student union organizer

ADDITIONAL LEADERSHIP EXPERIENCE:

United Steel Worker (USW) Leadership Scholarship Program **2019-Present**
Activist

New York Transgender Advocacy Group **Dec 2019 thru 2020**
Junior Executive Board Member

New York City Central Labor Council, AFL-CIO **2016- Present**
Labor Delegate

National Council of Occupational Safety and Health's (NCOSH) Workplace Sexual Harassment Coalition
Steering Committee Member **2018-Present**

World Trade Center Health Program Survivor Steering Committee **2014-Present**
Labor Representative

United Steelworkers Local 4-406 **2015-2018**
Shop Steward, Negotiations Representative, Labor/Management Representative

SKILLS

Workplace hazard assessment and control
Labor Contract/CBA interpretation and enforcement
Strong training and facilitation skills
Strong negotiation skills
Proficient at Microsoft Office
Analytical writing and literature development in multiple formats
Public speaking
Event Planning
Team-oriented

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EDUCATION

COLUMBIA UNIVERSITY MAILMAN SCHOOL OF PUBLIC HEALTH — **May 2014**
Master of Public Health, Population and Family Health — **New York, NY**
Certificate in Sexuality, Sexual, and Reproductive Health

UNIVERSITY OF CALIFORNIA, BERKELEY — **May 2009**
Bachelor of Arts, Gender and Women's Studies — **Berkeley, CA**

PROFESSIONAL EXPERIENCE

NEW YORK COMMITTEE FOR OCCUPATIONAL SAFETY AND HEALTH (NYCOSH) — **March 2020 - Present**
ASSOCIATE DIRECTOR

- Participate in development, planning and grant-writing.
- Administer grant planning and reporting activities for upwards of 14 grants.
- Supervise six Safety and Health Specialists in planning, coordinating, and delivering trainings to thousands of workers yearly.
- Develop new curricula on an ongoing basis to suit the needs of a diverse range of workers.
- Coordinate New York Healthy Nail Salons Project in training and education work with partners.
- Represent NYCOSH in media and public engagements.

NYC DEPARTMENT OF HEALTH AND MENTAL HYGIENE (DOHMH) — **November 2017 – March 2019**
OVERDOSE EDUCATION AND NALOXONE MANAGER

- Manage 20 contracts with community based organizations awarded as a result of Requests for Proposals (RFPs) related to expanding naloxone distribution through targeted outreach strategies.
- Develop strategic plan for naloxone distribution by setting annual targets, identifying organizations in areas of greatest need, and defining an outreach plan to expand naloxone to new populations.
- Oversee implementation of strategic plan through the development of training curricula related to overdose prevention, recruitment of Opioid Overdose Prevention Programs (OOPPs) to dispense naloxone, and the provision of technical assistance to high-priority OOPPs.
- Provide management, organizational, and strategic direction to unit of seven people tasked with overseeing citywide naloxone distribution, including direct supervision of three individuals.
- Oversee $11 million in annual spending related to naloxone distribution activities.
- Manage Bureau's monthly city-wide naloxone data collection system, which collects data from over 200 OOPPs city-wide and receives over 6,000 data forms per month.
- Summarize naloxone distribution data and prepare reports and publications for internal and external distribution.

NYC DEPARTMENT OF HEALTH AND MENTAL HYGIENE (DOHMH) — **March 2016 – November 2017**
OVERDOSE PREVENTION COORDINATOR

- Planned and implemented naloxone distribution expansion strategies for at risk populations, with the goal of preventing overdose deaths in New York City.
- Developed citywide naloxone data collection system to support evaluation of the city's naloxone program with the support of internal collaborators and stakeholder organizations. Designed collection tools and policies, and created training materials to support OOPPs use of the new system.

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- Developed and maintained training documents, presentations, protocols and other technical assistance materials for OOPPs to support expanded organizational capacity for naloxone dispensing.
- Recruited primary care programs, emergency departments, drug treatment and housing providers to sustainably integrate naloxone distribution into organizational workflows.
- Developed five RFPs, reviewed proposals, and awarded 20 contracts to community-based organizations to expand naloxone dispensing through targeted outreach.
- Delivered overdose prevention trainings in a variety of settings, including as community naloxone dispensing to laypeople and workplace trainings. Conducted Training of Dispenser courses to further expand naloxone distribution.

NYC DEPARTMENT OF HEALTH AND MENTAL HYGIENE (DOHMH) **July 2014**
SPECIAL ASSISTANT TO THE ASSISTANT COMMISSIONER **– March 2016**

- Wrote internal and external reports, briefings, proposals, position statements and talking points on topics related to substance use, harm reduction, naloxone, judicious opioid prescribing, and medication-assisted treatment in NYC.
- Conducted research and quantitative data analysis, and prepared presentations on issues and special projects as required by the Assistant Commissioner (AC).
- Special projects included:
  - **Naloxone Saturation in Neighborhoods with Highest Overdose Mortality Rates**
    - Co-facilitated workgroup meetings and inter-agency communication, and developed protocols, timelines, and implementation plans.
  - **Evaluation of Rikers Island Visit House Overdose Prevention Program**
    - Developed quantitative survey, trained staff in survey adminstration, enrolled individuals into study, analyzed data, and drafted manuscript for publication.

NYC DEPARTMENT OF HEALTH AND MENTAL HYGIENE (DOHMH) **April 2013**
HEALTH RESEARCH TRAINING PROGRAM INTERN **– July 2014**

- **Overdose Prevention Evaluation:** developed and administered quantitative survey, tracked participants, and conducted data management and analysis.
- **Quality of Life Evaluation:** designed qualitative questionnaire, conducted in depth interviews and focus groups, coded transcripts, and conducted data analysis.
- **Overdose Prevention at Rikers Island Visit House, Pilot:** Collaboratively planned and conducted trainings for trainers of Overdose Prevention, acted as point person and guide for trainers at Rikers, and streamlined training processes.

SKILLS

Program planning and implementation; survey design; grant writing; training curriculum development; technical assistance; SPSS; spoken Armenian.

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Professional Profile

Collaborative non-profit executive with twelve years of conceptualizing and growing innovative programs to build healthy and sustainable social justice organizations. Experience in strategizing with expert partners and board members on campaign and organizational development, diverse fundraising with a focus on events and grant writing, and public speaking to large groups and media organizations. Strengths in policy and advocacy to pass state and city legislation, strategic and creative thinking to inspire new and effective ideas, compassionate program and people management, and issues related to healthy and equitable employment. Experience in education, coaching and advising executive leadership, and community organizing.

Professional Experience

Executive Director ***New York, New York***
New York Committee for Occupational Safety and Health (NYCOSH) **January 2014-Present**
Develop and execute strategic and visionary strategic plans and provide organizational thought leadership on NYCOSH's vision and mission. Establish and run programs, innovate partnerships and collaborations. Manage team of four and a $3M annual budget. Oversee fundraising program including grant writing, membership, events. Report and manage board of directors. Manage the organization's operations, budget, and development.

- Completed NYCOSH's 5-year strategic plan, doubling NYCOSH's annual budget in seven years, from $1.4 to $3M.
- Won policy victories such as the posting of a multi-lingual "Workers' Bill of Rights" in every nail salon in New York State as a result of co-founding of the New York Healthy Nail Salons Coalition.
- Pioneered innovative programs to gain visibility for NYCOSH, leading to placement in *The New York Times* on seven occasions, *The Wall Street Journal* on two occasions, and two interviews on *WNYC's* "The Brian Lehrer Show."
- Wrote and passed legislation related to construction worker injuries and deaths in New York City via successful legislative strategy to establish forty hours of construction training.
- Passed legislation to create a searchable New York State registry of workplace fatalities.
- Supported nearly 800 manicurists to receive their NYS licenses since 2016 as founder and director of New York Healthy Nail Salons School.
- Increased budget by 50% with effective grant writing, new fundraising projects, and a diversification of grant funding.
- Awarded a $1.6M dollar grant with the Manhattan District Attorney's office to fight employer crimes against New York workers.
- Received highest grant of more than $400,000 annually for the NYS Hazard Abatement Board funding program from 2014-2021.
- Serve as chief negotiator for organization's collective bargaining agreement, establishing just wages and working conditions while also managing the financial realities and organizational needs of NYCOSH.

Adjunct Professor ***New York, NY***
SUNY Harry Van Arsdale Labor Center **Spring 2018 – Present**
Successfully created and designed a new, popular-education based curriculum for the course.

- Adjunct Professor for Occupational Safety and Health (OSH) and the Environment, which introduces students to the basics of OSH and climate change, and the impact of climate change on our society.

Executive Director — ***Long Island, NY***
Long Island Jobs with Justice — **September 2009 – December 2013**
Led organization's strategy and operations for nearly five years. Manage and supervise a team of professional staff, but also serve as a manager and mentor to workers and people new to the working world. Managed organization's fundraising with a particular focus in grant writing for foundations.

- Doubled the organization's nascent budget in four years' time as director, from just $50,000 to nearly $300,000.
- Won campaigns against fare hikes and against the cutting of Nassau County bus routes by founding the Long Island Bus Riders' Union.

Organizer — ***Long Island, NY***
Long Island Jobs with Justice — **April 2007 – September 2009**
Developed and implemented educational and programmatic materials for campaigns to support undocumented youth applying to college. Organized base in support of various policy campaigns including the DREAM Act.

- Secured support from key Congress members for the legislation, including Long Island Republican Congressman Peter King, a notoriously conservative member of the legislature.

Board of Directors Experience

New Immigrant Community Empowerment — ***Queens, New York***
Co-Chair — **January 2015 – Present**
Presided over the Board during the organization's growth from a small non-profit with a $300K budget in 2015 to a $2M budget for 2021

- Helped secure City Council Initiative for day laborers resulting in more than $1M of funding annually.

Volunteer Experience

Volunteer — ***New York, New York***
Community Farmworker Alliance — **January 2005 – April 2010**
Founded a New York City-based volunteer organization in solidarity with the Coalition of Immokalee Workers to support living wages for farmworkers in Southern Florida that spearheaded and organized a campaign to get the *Trader Joes* company to buy fair trade tomatoes, re-directing tens of millions of dollars in tomato purchases to just growers.

Additional Experience

- Experienced public speaker. Highlights include presentations at national and international conferences including Groundswell Fund, Jobs with Justice, the American Public Health Association, and the National Institute for Environmental Health Sciences.
- Live appearances with *MSNBC, WNYC (The Brian Lehrer Show), NY1, News12, ABC News, Fox News, Democracy Now, Noticias, FiOS,* etc.
- Former columnist with *Living Out* magazine, a Long Island LGBT publication.

Education

CUNY Graduate Center — ***New York, New York***
Master's in Liberal Studies
Thesis on "The Right to Run"—women's fight to combat sexism and run for public office.

Stony Brook University (SUNY) — ***Stony Brook, New York***

Major: Women and Gender Studies, Minor: Theology

Universidad Autónoma Metropolitana Xochimilco ***Chiapas, Mexico***
Mexican Social Movements and Spanish Language

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Contact Information

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Ozone Park, NY 11416

Areas of Expertise & Technical Skills

- Proficient in Microsoft Office, Quickbooks, Salesforce, Publisher, eClinicalWorks (eCW) & AIRS.
- Customer service, quality assurance compliance, reporting and retention.
- Benefits navigation & medical case management.
- HIV Treatment Adherence, PrEP/PEP and HIV Testing.
- Team Leadership, Training and Outreach.

Languages

Fluent in Spanish (spoken and written)

Education

Business, Management and Economics, BS
Empire State College, New York

International Business, BS
UNAPEC, Dominican Republic

Professional Summary

Resourceful professional with over five years of experience in optimizing client experience and satisfaction. Dedicated to improving the access to quality health and social services for NYC communities and families in need. Strategic with exceptional leadership and problem-solving skills.

Work Experience

Finance and Operations Associate 03/23 - Present
NYCOSH, New York

- Supports with monthly Finance vouchers and invoices, finance narratives for government grants, and various other financial requests.
- Creates return on investment reports on earned income and other activities, as required.
- Works with external accountants to maintain accurate records and financials.
- Develops finance and finance-related grant reports and supports contract development.
- Supports maintenance of the NYCOSH database, track and process memberships and donations, sends corresponding invoices and/or materials as necessary.
- Creates and maintains file systems as required, and other duties as necessary.

Administrative Assistant 09/21 - 03/23
NYCOSH, New York

- Assists setting up and preparing materials for meetings and events, as assigned.
- Creates and maintains file systems.
- Supports staff by assisting with training materials, reports, and other tasks as need-ed.
- Keeps staff apprised of important events, news and messages.
- Supports maintenance of the NYCOSH database, tracks and process membership forms and donations.
- Sends and obtains corresponding invoices and materials.
- Performs other office duties as needed.

Health Homes Care Manager 10/20 - 09/21
Community Health Care Network, New York

- Screen for patient eligibility and regularly conduct assessments of patients' needs including medical, mental health, substance use, financial, housing and support needs.
- Provide crisis intervention and health education services as needed. Work with the medical staff to develop, implement, and coordinate the care plan for patients with chronic diseases.
- Coordinates patient services with internal and external service providers through care conferencing. Assist patients in applying for different city benefits.
- Serve as a liaison between enrolled patients/families and their respective medical providers and support services such as pharmacies, home attendant agencies, and insurance companies.
- Participate in patient's appointments with Primary Care Providers, and/or other specialties.

Patient Navigator - High Impact Prevention Program 11/19 - 10/20
Community Health Care Network, New York

- Worked with providers to identify PEP/PrEP patients, and assisted with intakes/pro-gram enrollment, service navigation, education and follow ups.
- Educated and helped patients accessing benefits and/or resources such as Food assistance, Medicaid/Insurance, medication assistance programs and shelter/hous-ing.
- Provided in-site and community education and awareness for HIV positive individuals, and PrEP/PEP for those at high risk of HIV infection.
- Identified patients diagnosed with HIV and ensured their access to medical care, partner, and prevention services.

Peer Educator - Retention & Adherence Program 05/19 - 11/19
Community Health Care Network, New York

- Provided individual support and education to patients to identify and develop pa-tient-centered treatment plan goals and monitored achievements of such.
- Provided referrals to necessary health and support services in the community.
- Worked collaboratively with Primary Care and Case Management staff to identify newly diagnosed/unsuppressed patients who could benefit from the program.
- Escorted patients to appointments with Primary Care Providers and other specialists as needed.

AMAZON LABOR UNION

AMAZON LABOR UNION

900 South Avenue, Suite 100
Staten Island New York, 10314

Amazon Labor Union
900 South Ave.
Suite 100
Staten Island, NY 10314

April 4th, 2023

To Whom It May Concern:

We are writing to provide a letter of commitment from the Amazon Labor Union (ALU) as a partner of the New York Committee for Occupational Safety and Health (NYCOSH) in their application for EPA funding through RFA #EPA-R-OEJECR-OCS-23-01. ALU is an independent labor union that fights for better working conditions for Amazon workers across the country. We currently represent workers at the JFK8 fulfillment center, which employs over 8,000 people.

NYCOSH is a non-profit, membership organization of workers, unions, community-based organizations, workers' rights activists, and health and safety professionals founded in 1979 on the principle that workplace injuries, illnesses and deaths are preventable. The environmental and public health issues of focus for this grant proposal are temperature stress and workplace resiliency; the communities served will be outdoor workers, including day laborers, agricultural workers, and truck drivers. **This funding will allow NYCOSH Safety & Health Specialists to provide trainings for workers across industries on temperature stress, the impact of climate change on worker industries, and developing resiliency; the program will focus on utilizing the hierarchy of hazard controls to protect workers on a job site.** The funding will also provide the necessary resources to refine and cater curricula on these topics to specific industries. As the primary contractor, NYCOSH will oversee the administrative and fiscal components of the grant, as well as partnership subcontracts.

ALU will partner with NYCOSH to reach workers who work outdoors, as well as indoors without air conditioning and/or heat. ALU signed on to NYCOSH's campaign around education related to temperature stress because of reports of temperature-related health issues from workers. The need to protect workers from extreme temperatures and develop climate resiliency is well established among worker-focused organizations in NYS; every year, New York city has high numbers of heat-related emergency department visits, hospital admissions, and deaths as found and declared by the NY state legislature. According to the New York City Office of the Mayor, each year there are an estimated 450 heat-related ED visits, 150 heat-related hospital admissions, 10 heat stroke deaths, and 350 heat-exacerbated deaths caused by heat-worsening existing chronic conditions.

ALU has a vested interest in educating workers on the hazards of temperature stress and climate change because their members are routinely exposed to extreme temperatures on the job. Under this grant, ALU will receive a sub-award via NYCOSH for $75,000 for the following activities:

1. Contribute to the project by conducting outreach to worker-members and recruiting workers to trainings.
2. Provide access to 830 workers during the contract years.

AMAZON
LABOR
UNION

AMAZON LABOR UNION

900 South Avenue, Suite 100
Staten Island New York, 10314

3. Amazon Labor Union will provide NYCOSH with a venue to conduct trainings, technical assistance in creating and disseminating trainings, promotion of trainings through direct worker outreach and social media, as well as access to printing fliers and materials for trainings. Assign approximately 25% of five staff organizers time to this project to conduct outreach. Organizing staff have the capability to conduct meaningful conversations and make asks of union members, utilize their time on the job to build relationships with members, and harness those relationships into conducting outreach for this program.
4. Amazon Labor Union highest priority is the health and safety of our members. We have a vested interest in ensuring the education of Amazon workers on safe temperature guidelines and how to protect themselves from irregular temperatures. We have had several instances of members fainting or needing to leave work due to unsafe temperature stress and lack of standards.
5. Amazon Labor Union will sustain our relationship with NYCOSH by having regular communication and bi-monthly meetings (once every other month) to make sure we are on target. ALU will use NYCOSH as a resource for future safety and health issues among members.

We thank you for your consideration.

Christian Smalls

Chris Smalls,
President
Amazon Labor Union
Ex. 6 - Personal Privacy (PP)
info@amazonlaborunion.org

NICE | NEW IMMIGRANT COMMUNITY EMPOWERMENT

Apr 10, 2023

To Whom It May Concern:

We are writing to provide a letter of commitment from New Immigrant Community Empowerment (NICE) as a partner of the New York Committee for Occupational Safety and Health (NYCOSH) in their application for EPA funding through The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program.

New Immigrant Community Empowerment (NICE) is a nonprofit organization that has 23+ years of experience improving the lives of immigrant workers in New York, with a focus on day laborers, domestic workers, construction workers, asylees, and long-time immigrant New Yorkers. We offer an extensive set of workforce development services, worker rights protection, and community organizing. Since its inception, NICE has worked with immigrant workers and families from Latin America, with 18,000+ members currently registered. We are located in the heart of immigrant-rich Jackson Heights. NICE works in New York City neighborhoods that have seen the highest amount of devastation due to the pandemic and economic landscape but have received the least amount of relief and access to workforce development services. The majority of the immigrant population we work with are essential workers, providing critical services on the frontlines and putting themselves at risk on a daily basis. Unsafe temperature exposure is something the vast majority of the immigrant workers we serve face. We see the effects of that in the higher incidence of temperature-related workplace issues and illness among immigrant workers.

NYCOSH is a non-profit, membership organization of workers, unions, community-based organizations, workers' rights activists, and health and safety professionals founded in 1979 on the principle that workplace injuries, illnesses and deaths are preventable. The environmental and public health issues of focus for this grant proposal are temperature stress and workplace resiliency; the communities served will be outdoor workers, including day laborers, agricultural workers, and truck drivers. This funding will allow NYCOSH Safety & Health Specialists to provide trainings for workers across industries on temperature stress, the impact of climate change on worker industries, and developing resiliency; the program will focus on utilizing the hierarchy of hazard controls to protect workers on a job site. The funding will also provide the necessary resources to refine and cater curricula on these topics to specific industries. As the primary contractor, NYCOSH will oversee the administrative and fiscal components of the grant, as well as partnership subcontracts.

Under this grant, NICE will receive a sub-award via NYCOSH for $75,000 to support the outreach and awareness of the project and draw immigrant workers who are exposed to hazardous temperatures and climate-related conditions.

71-29 Roosevelt Ave, 2nd Fl, Jackson Heights, NY, 11372 | www.nynice.org | Ex. 6 - Personal Privacy (PP)

NICE | NEW IMMIGRANT COMMUNITY EMPOWERMENT

NICE is prepared to support NYCOSH by conducting extensive outreach to immigrant workers, including domestic/cleaning/construction workers, to inform them of this project, the benefits of participating, and assisting them through the outreach process. Specifically, NICE will:

- Conduct outreach to at least 500 immigrant workers (flyers, calls, texts, and other channels)
- Distribute flyers and other materials with key information
- Support NYCOSH with the collection of information on exposure to temperature hazards
- Conduct in-person outreach at our Worker Centers, our places of congregation for immigrant workers; OSHA training and others
- Refer workers to NYCOSH virtual and in person 2-hour long training.

There is a significant need for training and education on temperature stress and the impact of climate change at the workplace among the community we serve. NICE is well-positioned to contribute positively to this project and serve hundreds of immigrant workers as they navigate hazardous work conditions.

If you have any questions or need additional information, please do not hesitate to contact me at nilbia@nynice.org.

Sincerely,



Nilbia Coyote
Executive Director
New Immigrant Community Empowerment

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: The Opportunity League

Address: 11 West Broad Street

City: BURLINGTON

State: NJ: New Jersey Zip Code: 08016

B. Unique Entity Identifier (UEI): LX56KJCDJM91

C. Applicant/Recipient Point of Contact

Name: Seigha I Omuso

Phone: Ex. 6 Personal Privacy (PP)

Email: somuso@theoleague.org

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

None

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII.	**Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)**	☒ Yes	☐ No
	a. Do the methods of notice accommodate those with impaired vision or hearing?	☐ Yes	☒ No
	b. Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?	☒ Yes	☐ No
	c. Does the notice identify a designated civil rights coordinator?	☐ Yes	☒ No
VIII.	**Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))**	☒ Yes	☐ No
IX.	**Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))**	☐ Yes	☒ No

X. If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.

N/a

XI. If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.

N/a

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Seigha Omuso	Executive Director	04/07/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Mr. First Name: Seigha Middle Name: I
Last Name: Omuso Suffix:

Title: Executive Director

Complete Address:

Street1: 11 West Broad Street
Street2:
City: BURLINGTON State: NJ: New Jersey
Zip / Postal Code: 08016 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: somuso@theoleague.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: Mr. First Name: Seigha Middle Name: I
Last Name: Omuso Suffix:

Title: Executive Director

Complete Address:

Street1: 11 West Broad Street
Street2:
City: BURLINGTON State: NJ: New Jersey
Zip / Postal Code: 08016 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: somuso@theoleague.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: Mr. First Name: Chris Middle Name: I
Last Name: Jackson Suffix:

Title: Operations Director

Complete Address:

Street1: 11 West Broad Street
Street2:
City: BURLINGTON State: NJ: New Jersey
Zip / Postal Code: 08016 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: cjackson@theoleague.org

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** Mr. **First Name:** Seigha **Middle Name:** I

Last Name: Omuso **Suffix:**

Title: Executive Director

Complete Address:

Street1: 11 West Broad Street

Street2:

City: BURLINGTON **State:** NJ: New Jersey

Zip / Postal Code: 08016 **Country:** USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: somuso@theoleague.org

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/07/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier: NJ

8. APPLICANT INFORMATION:

* a. Legal Name: The O League

* b. Employer/Taxpayer Identification Number (EIN/TIN): 270781955

* c. UEI: LX56KJCDJM91

d. Address:

* Street1: 11 West Broad Street
Street2:
* City: BURLINGTON
County/Parish: NJ
* State: NJ: New Jersey
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 08016-4413

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Seigha
Middle Name: I
* Last Name: Omuso
Suffix:

Title:

Organizational Affiliation: The O League

* Telephone Number: Ex. 6 Personal Privacy (PP)
Fax Number:

* Email: somuso@theoleague.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Greening Burlington City

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: NJ-003 * b. Program/Project: NJ-003

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 10/01/2023 * b. End Date: 09/30/2026

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	33,500.00
* c. State	0.00
* d. Local	40,000.00
* e. Other	2,000.00
* f. Program Income	0.00
* g. TOTAL	575,500.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☒ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☐ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Mr. * First Name: Seigha

Middle Name: I

* Last Name: Omuso

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 Personal Privacy (PP) Fax Number:

* Email: somuso@theoleague.org

* Signature of Authorized Representative: Seigha Omuso * Date Signed: 04/07/2023

AnM6cSQICdBCOpnCceYBNTk+lsI=

Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Greening Burlington City

Mr.
Seigha
I
Omuso

Executive Director
11 West Broad Street
BURLINGTON
NJ: New Jersey
08016
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
somuso@theoleague.org

Mr.
Seigha
I
Omuso

Executive Director
11 West Broad Street
BURLINGTON
NJ: New Jersey
08016
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
somuso@theoleague.org

Mr.

Chris
I
Jackson

Operations Director
11 West Broad Street
BURLINGTON
NJ: New Jersey
08016
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
cjackson@theoleague.org

Mr.
Seigha
I
Omuso

Executive Director
11 West Broad Street
BURLINGTON
NJ: New Jersey
08016
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
somuso@theoleague.org

1234-Greening Burlington City Project Work Plan.pdf
application/pdf
rnenrBxEmzspJhk7rjh9uX5qbV4=

The Opportunity League
11 West Broad Street
BURLINGTON
NJ: New Jersey
08016

LX56KJCDJM91
Seigha I Omuso
Ex. 6 Personal Privacy (PP)
somuso@theoleague.org
Executive Director
N: No
None
None
None
N: No
Y: Yes

N: No
Y: Yes
N: No
Y: Yes
N: No
N/a
N/a
Seigha Omuso
Executive Director
2023-04-07

Application
New
2023-04-07
NJ
The O League
270781955
LX56KJCDJM91
11 West Broad Street
BURLINGTON
NJ
NJ: New Jersey
08016-4413
USA: UNITED STATES

Seigha
I
Omuso

The O League
Ex. 6 Personal Privacy (PP)
somuso@theoleague.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Greening Burlington City
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b. Program is subject to E.O. 12372 but has not been selected by the State for review.
N: No
Y: Yes

Mr.
Seigha
I
Omuso

Executive Director
Ex. 6 Personal Privacy (PP)
somuso@theoleague.org
Seigha Omuso
2023-04-07

1235-TOL EPA Greening Burlington City Proposal Budget.pdf
application/pdf
CCed121/No/hV6F6kzixcWe0Yg8=

1236-TOL Greening Burlington City Logic Model.pdf
application/pdf
LF+ml2ylJylO7h+TcNwrheHQr20=

1237-501 c 3 2014 Determination Letter (1) (1) (4).pdf
application/pdf
4dGHCHaIfvuG/T6XE+sca+4uKvs=

1238-TOL Greening Burlington City Key Partner Bios.pdf
application/pdf
ZEJSWi9ORdoQCNMqCbGUdMlCMg8=

1239-Resume-Seigha-I.-Omuso (1).pdf
application/pdf
XgAycm3H1jKcJqTfRg7PjisaNt0=

1240-Resume-Shenee Omuso.pdf
application/pdf
NnaBAZGQToPP6mTmdxjUlwRVUIl=

1241-Burlington City Letter of Commitment for Greening Burlington City.pdf
application/pdf
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1242-Burlington Schools Letter of Commitment for Greening Burlington City.pdf
application/pdf
hac1bki/NJ300fyRfQOL2iW53o0=

1243-Main Street Burlington Letter of Commitment for Greening Burlington City.pdf
application/pdf
KG/D4L3lRlRdX2vXcHfk7LNDfMk=

1244-Garden Club Letter of Commitment for Greening Burlington City.pdf
application/pdf
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1245-PPA-Greening Burlington City Letter of Commitment.pdf
application/pdf
elVMsbImeuVPMFSkdnwCxu/njXQ=

1246-Hopeworks Letter of Committment for Greening Burlington City Proposal.pdf
application/pdf
17226kYJJmbrF0FNb2dD464vnhI=

1247-Rutgers Letter of Commitment-Greening Burlington City.pdf
application/pdf
oxOIuQRLyseGURJvKdMXf1ESDeY=

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Seigha Omuso
GRANT13853158

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: AUG 07 2014

THE O LEAGUE
Ex. 6 Personal Privacy (PP)
BURLINGTON, NJ 08016

Employer Identification Number:
27-0781955
DLN:
17053266301003
Contact Person:
CUSTOMER SERVICE ID# 31954
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)
Accounting Period Ending:
August 31
Public Charity Status:
170(b)(1)(A)(vi)
Form 990 Required:
Yes
Effective Date of Exemption:
January 15, 2012
Contribution Deductibility:
Yes
Addendum Applies:
Yes

Dear Applicant:

We are pleased to inform you that upon review of your application for tax exempt status we have determined that you are exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code. Contributions to you are deductible under section 170 of the Code. You are also qualified to receive tax deductible bequests, devises, transfers or gifts under section 2055, 2106 or 2522 of the Code. Because this letter could help resolve any questions regarding your exempt status, you should keep it in your permanent records.

Organizations exempt under section 501(c)(3) of the Code are further classified as either public charities or private foundations. We determined that you are a public charity under the Code section(s) listed in the heading of this letter.

For important information about your responsibilities as a tax-exempt organization, go to www.irs.gov/charities. Enter "4221-PC" in the search bar to view Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, which describes your recordkeeping, reporting, and disclosure requirements.

Sincerely,

Tamera Ripperda

Director, Exempt Organizations

Letter 947

Ex. 6 Personal Privacy (PP)

Greater Philadelphia

somuso@theoleague.org

Ex. 6 - Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

Summary

"It's the little details that are vital. Little things make big things happen." - John Wooden

After 5 years of award-winning corporate marketing at Canon Inc. I changed careers.

I became the Executive Director for The Opportunity League a 501c3 nonprofit organization focused on community development through sports and education. I was able to develop the organization to meet county and state programing standards expanding the organization from a dozen participants to serving 200 households annually.

Over the years, I have developed and implemented athletic, academic, leadership, college prep, and career pathway programming for 3rd to 12th, as well as, undergraduate and non-college bound learners. I have been recognized for our successful programming by the Burlington County Times as a "40 under 40" award recipient and received the "Legacy Award" from Southern Burlington County NAACP. I have also been named a Career Ambassador for non-college bound learners by the New Jersey School Boards Association.

Currently, I am a member of the Burlington County Partnership for Youth Success, Burlington County Youth Services Advisory Council, Burlington County Youth Investment Council (WFD), Burlington City Community Heart & Soul Partnership, and Burlington County Nonprofits Organization. These initiatives bridge gaps of communication in the community and develop employer/ employee relationships for youth and young adult career pathways.

Experience

Executive Director

The Opportunity League

Aug 2009 - Present (13 years 2 months +)

Resilience coach, motivational mentor, program developer, and community leader.

- Utilize an innovative approach to establish collaborative partnerships and expand funding
- Develop academic and athletic programs for youth and young adults that are designed to increase community involvement, awareness and personal growth
- Oversee 25-30 member team in executing organizational mission, vision & strategic plan

Selected Accomplishments:

- 100% acceptance rate to 2- & 4- year colleges for students in Next Steps College Prep Program
- Increase in STEAM program participants from 6 in 2017 to 42 students in 2019
- 100% placement rate for interns into major-related career 2011-2019
- Division 1 athletes: 6 / Division 2 athletes: 22 / Division 3 athletes: 17

Youth Council Member

Burlington County Workforce Investment Board

Nov 2012 - Present (9 years 11 months +)

The primary responsibility of the WIB is to serve as an alliance of the public and private sector for the purpose of coordinating planning, policy guidance and oversight of employment and training activities in Burlington County. In partnership with the Board of Chosen Freeholders, the overall goal is to develop and sustain a unified; labor market-driven system that can deliver needed services to job seekers and employers in an effective and cost efficient manner.



Head Basketball Coach

Rowan College at Burlington County

Aug 2016 - Jun 2021 (4 years 11 months)

- Managing a roster of 15 men and a coaching staff of 4 assistants.
- Responsible for the athletic and academic development and retention of student-athletes.
- Responsible for the administrative tasks of the team including but not limited to; scheduling, transportation, annual reporting, daily reporting, statistics and data analysis, recruitment, and community/ public representation.
- Public speaker and advocate

Selected Accomplishments:

- Conference runner ups in 2016-17 season. Conference final 4 in 2018-19.
- Student-athlete retention; 14 of 19 eligible graduates, 91% retention rate from fall to spring semester based on academic eligibility



Assistant Coach Varsity / Head Coach Junior Varsity

Doane Academy

Nov 2008 - Mar 2015 (6 years 5 months)

www.DoaneAcademy.org



Mens / Womens Basketball Coach

DeVry University

Jul 2010 - Jul 2012 (2 years 1 month)

Marketing Specialist

Canon Inc.

Jan 2007 - Mar 2012 (5 years 3 months)

- Responsible for new hire and termination maintenance in Sales, Service and Administration divisions
- Responsible for collecting company data for acquisitions and mergers to determine corporate strategy.
- Trained several individuals simultaneously at a national level for integrated systems conversions, policy and procedure
- Diverse knowledge of internal corporate sales, marketing, advertising, and events

Selected Accomplishments:

- Managed nationwide integrated systems group
- Promotional processing; saving the company an estimated $16 million annually

- Corporate Climate and Employee Morale Committee, Chairperson 2012

Advisory Board Member
YMCA of the USA (National Resource Office)
Dec 2009 - Dec 2010 (1 year 1 month)
The YMCA Advisory Board helps create and support the branch's strategic direction by providing local leadership. Staff and volunteers work together to impact the communities we serve.

Education

Cabrini University
B.S., Business Marketing
2002 - 2006

Skills

Community Development • Coaching • Leadership • Nonprofits • Marketing • Social Media Marketing • Advertising • Sales • Public Relations • Strategic Planning

Honors & Awards

Southern Burlington County NAACP Legacy Award - Southern Burlington County NAACP
Dec 2014
For dedication to the youth of our community. The investment of your time, energy and efforts in mentoring and development of our youth exemplifies the commitment to our next generation.

Burlington County "40 Under 40" Award Recipient - Burlington County Times
Aug 2013
The Forty Under 40 program recognizes local leaders who have demonstrated impressive career achievements and unparalleled community involvement in Burlington County.

Career Ambassador - Non-College Bound Learner - New Jersey School Boards Association
Jan 2020
The project's ultimate goal: Identify strategies to better equip career-focused students with the skills required in a job market that is rapidly changing due to advances in artificial intelligence, automation, robotics, and other factors.

Russ Berrie Making a Difference Honoree - Russell Berrie Foundation & Ramapo College
Apr 2022
For 26 years, the Russ Berrie Making a Difference Award

has recognized New Jersey residents whose outstanding community service and heroic acts have made a substantial impact on the lives of others. Since 1997, a total of 408 individuals have been honored, representing each of the 21 counties in New Jersey.

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Ex. 6 Personal Privacy (PP) Willingboro, NJ 08046 ~ Ex. 6 - Personal Privacy (PP) ~ scarroll@theoleague.org

EDUCATION

Kean University **Sept. 2013 – Aug. 2015** **Union, N.J.**
M.A. Speech Language Pathology - *Summa Cum Laude*

Fairleigh Dickinson University **Sept. 2009 - Dec. 2011** **Pemberton, N.J.**
M.A.T. Elementary Education *Summa Cum Laude*
Certificate of Eligibility with Advanced Standing in Elementary Education

Kean University **Jan. 2007 - Dec. 2008** **Union, N.J.**
B.A. Speech Language Pathology - *Summa Cum Laude*

Burlington County College **Sept. 2004 - Dec. 2006** **Pemberton, N.J.**
A.S. Liberal Arts *Summa Cum Laude*

PROFESSIONAL EXPERIENCE

The Opportunity League **Jan. 2016-Present** **Burlington, N.J.**
Director of Education & Career Pathways

- Hire and supervise Program Coordinators, Education Department Administrators, Interns, Special Interest Committees and Support Staff
- Develop Education Department budget and allocate program funds accordingly
- Lead departmental meetings/trainings and report department activity to Executive Director and Board of Trustees
- Identify, write and manage grants as part of organizational grant team
- Create syllabi, policy and assessment for education department programs for second grade through adults including programming in STEAM, college prep, workforce development, parent engagement, & afterschool academic enrichment
- Identify and establish strategic community partnerships as well as collaborate with other political, educational and social service organizations on community projects including The Smithsonian Institute, Amazon, Center For Aquatics at the Camden Aquarium, NJHI, Burl. City School District, Burl. Co. Health Department and Burl. City Police Department
- Established Burlington City Food Access Network that addresses food insecurity, unemployment and educational equity by applying local, state and federal data to community development projects

Life Education Solutions, LLC **Sept. 2019 – Present** **Burlington, N.J.**
President & Lead Speech-Language Pathologist

- Conduct speech-language screenings for school age-students
- Provide research based intervention practices to service a wide range of IEP/ IDEA classifications
- Administer speech-language evaluations for appropriate diagnoses and prepare reports
- Act as case manager for students identified with "speech-only" disorders (ex. articulation, voice and/or fluency)
- Manage caseload responsibilities including scheduling, tracking attendance and documenting progress
- Develop and implement IEPs as part of a multidisciplinary team
- Engage parents as active participants in assessment and intervention
- Utilize push in and pull out service delivery models
- Provide trainings for professional development seminars and school/community engagement events
- Promote multicultural awareness and the influence of second language learning among staff
- Utilize technology as a tool for therapy and managing caseloads

PROFESSIONAL CERTIFICATES/PROFESSIONAL DEVELOPMENT

ASHA Certificate of Clinical Competence-SLP License
Certificate of Eligibility with Advanced Standing in Elementary Education (K-5)
Certified Substitute Teacher (K-12)
Non-violent Crisis Intervention (CPI)
Behavioral Interventions for Students with Disabilities
Seclusion & Restraint
Anti-bullying Bill of Rights
Bloodbourne Pathogens
Ethics & Boundaries of School Employees
Safe Lifting in Special Education
Child Abuse
Rutgers University Working With Minors
NJ DOE SLS Certification

PROFESSIONAL/ACADEMIC MEMBERSHIP

Fellow, Environmental Leadership Program for the Delaware Watershed Network
Treasurer, Board of Island Managers
Member, American Speech-Hearing Association
Member, Rutgers University Institute for Public Health Committee
Member, Burlington County Juvenile Delinquency Board
Member, Burlington County Youth Services Advisory Council
Member, Burlington City Partner for Youth Success Board
Trustee, #YesSheCanCampaign Board
Awardee, 2020 Burl. Co. Woman of the Year-Diversity/Inclusion
Inductee, 2022 Russ Berrie Making A Difference Award
President, Capt. James Lawrence Parent-Teacher Org.
Member, Southern NJ NAACP

REFERENCES

Available Upon Request

City of Burlington
New Jersey

Office of the Mayor

BARRY W. CONAWAY
Mayor

April 3, 2023

Seigha Omuso
Executive Director
The Opportunity League of Burlington City
11 West Broad Street
Burlington City, NJ 08016

Re: Letter of Commitment for the Greening Burlington City Initiative

Dear Mr. Omuso:

I am writing on behalf of the City of Burlington to express the City's commitment to the Greening Burlington City initiative, and specifically to the tasks set out in the application for the EPA Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program for this initiative.

The Opportunity League (TOL) is a vital part of our City's efforts to serve the needs of our residents and improve the quality of life in all our diverse neighborhoods. The City views TOL as a partner and appreciates the value its programs bring to our youth and adults through job training, education support, access to healthy food, local business development and, now, flood control and stormwater management projects.

The City recognizes that our underserved neighborhoods need better green infrastructure to manage stormwater and beautify our streetscapes. Greening Burlington City will make our streets and homes cooler on hot days and improve the quality of water flowing through the City and into the Delaware River. Through the market gardens, this project will help overcome the lack of nearby sources for healthy produce, and will create a new source of needed income to resident urban farmers. By teaching skills and organizing volunteers, this project will help our residents bring their skills and energy to lifting up their neighborhoods.

Burlington City supports the proposed activities and commits to work with The Opportunity League and community members to identify potential and priority sites for these installations; and to use the City's communications avenues to tell City residents about the initiative and how they can get involved.

ED_016126_00001100-00001

We look forward to working with the Opportunity League and your partners on this project.

Sincerely,

Barry W. Conaway

Barry W. Conaway
Mayor

PINELANDS PRESERVATION ALLIANCE

Bishop Farmstead
17 Pemberton Rd
Southampton NJ 08088
Ex. 6 - Personal Privacy (PP)

ppa@pinelandsalliance.org
www.pinelandsalliance.org

March 21, 2023

Seigha Omuso
Executive Director
The Opportunity League of Burlington City
11 West Broad Street
Burlington City, NJ 08016

Re: Letter of Commitment for the Greening Burlington City Initiative

Dear Mr. Omuso:

I am writing on behalf of the Pinelands Preservation Alliance (PPA) and Rancocas Creek Farm (CRF) to express our commitment to supporting The Opportunity League (TOL) in carrying out the Green Burlington City project. PPA and RCF have reviewed and endorse the proposal TOL is submitting to EPA's Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program for the Greening Burlington City initiative, and we commit to the activities set out in the proposal for PPA and RCF.

PPA is an environmental organization dedicated to preserving the natural and cultural resources of the Pinelands region for the benefit and enjoyment of all. We recognize we will only succeed if we build a growing constituency of people throughout our state and region who are connected through a range of nature-based activities at home and in public open spaces. We see partnering with TOL as a way to reach people with whom we have not yet connected, to support their efforts to improve the environments in which they live, and in turn to value the Pinelands as a precious natural resource within the wider landscape of our region.

PPA brings significant experience and expertise in managing and carrying out green infrastructure projects through the Landscape Makeover Program. Since PPA launched Landscape Makeover in 2017, the project is continuing to grow in scope and scale. So far, the program has resulted in the planting of 76 rain gardens in 16 towns, and 26 education programs in which 1,123 public employees and private residents have participated, both within and outside the boundaries of the Pinelands National Reserve. Landscape Makeover succeeds through a network of partnership, which PPA manages, with local governments, schools, nonprofits, and residents. PPA works with the Rutgers Cooperative Extension Water Resources Program for the design and installation of rain gardens.

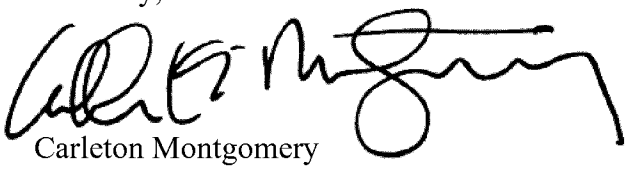
PPA also brings experience and expertise in farming and produce marketing through Rancocas Creek Farm, which is wholly-owned and operated by PPA. RCF grows produce and pigs, manages habitats and stormwater controls, and practices regenerative methods on 72 acres of farmland at PPA's headquarters in Southampton, NJ. Since 2021, RCF has been working with

TOL to train interns in farming and support the creation of a market garden at the Villages Marketplace in Burlington City.

For Green Burlington City, PPA and RCF commit to participate in the community planning meetings that TOL will organize; oversee the design and installation of rain gardens, street tree plantings and market gardens, working with the Rutgers Water Resources Program and community residents; support TOL and the other partners in the identification, prioritization and selection of sites for installations; provide trainings in rain garden and tree planting, in conjunction with Rutgers, for TOL staff and volunteers; create evaluation forms for each type of installation for TOL approval and use; carry out quarterly evaluations after installations; support TOL in setting up the pricing, payment and logistics system for purchase and sale of produce from the market gardeners; and contribute to the comprehensive report at the end of the grant period.

Please let me know if you require any additional information.

Sincerely,



Carleton Montgomery
Executive Director

City of Burlington Public Schools

518 LOCUST AVENUE, BURLINGTON, NEW JERSEY 08016

JOHN RUSSELL, Ed.D.
SUPERINTENDENT OF SCHOOLS
Ex. 6 - Personal Privacy (PP) FAX Ex. 6 - Personal Privacy (PP)

April 5, 2023

Seigha Omuso
Executive Director
The Opportunity League of Burlington City
11 West Broad Street
Burlington City, NJ 08016

Re: Letter of Commitment for the Greening Burlington City Initiative

Dear Mr. Omuso:

I am writing on behalf of the City of Burlington Public Schools express the Schools' commitment to participating in the Greening Burlington City initiative, and specifically to the activities described below. The schools believe this project will provide our students great opportunities for learning, developing skills and competencies, and contributing to the community.

The Burlington City Schools encompasses pre-school through high school education for our City's residents. We have valuable partnerships with The Opportunity League for the supplemental learning and job training opportunities that the Opportunity League provides to our youth. We are eager to expand these partnerships to participate in Greening Burlington City.

The School District will communicate with parents and students about the project and the various activities it includes through our regular means of communication. We will look to The Opportunity League to provide content which we can provide to our families. In addition, the Schools will encourage our teachers and students to participate as volunteers in the planning and installation projects at the heart of this initiative.

We look forward to working with the Opportunity League and your partners on this project.

Sincerely,

John Russell, Ed.D.
Superintendent

JR/pja

HOPE WORKS
Recode your future.

March 24, 2023
Seigha Omuso
Executive Director
The Opportunity League of Burlington City
11 West Broad Street
Burlington City, NJ 08016

Re: Letter of Commitment for the Greening Burlington City Initiative

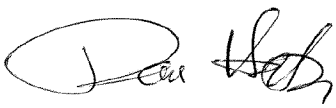
Dear Mr. Omuso:

I am writing on behalf of Hopeworks Camden to express our commitment to the Greening Burlington City initiative, and specifically to the tasks set out in the application for the EPA Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program for this initiative.

Hopeworks is a 501(c)3 charitable organization that uses technology, healing, and entrepreneurship to transform lives. Hopeworks develops web sites and GIS products for clients, both for-profit businesses and nonprofits. Through these real-world projects, its trainees learn to produce social media and GIS products that meet the high standards demanded by major businesses. Hopeworks has expertise in producing web sites that integrate online, interactive mapping and accessibility tools of the kind this project requires. Its unique trauma-informed approach, combined with high-demand, high wage technical training and paid work experience helps build young people who can not only get jobs, but keep them.

For Greening Burlington City, Hopeworks will create an interactive online map to guide, record and help evaluate the installation of green infrastructure, and will train at least two city residents in GIS technology through this effort. Hopeworks staff and trainees will participate in community planning meetings for the project as needed to obtain information and ideas for the map tool design, train residents in how to use the tool, and obtain feedback for improvements and corrections from project partners and residents based on their experiences using the tool.
We look forward to working with the Opportunity League and your partners on this exciting project.

Sincerely,



808 Market St., 3rd Floor, Camden, NJ 08102 | Ex. 6 - Personal Privacy (PP) | hopeworks.org

HOPE WORKS
Recode your future.

Dan Rhoton
CEO
Hopeworks

808 Market St., 3rd Floor, Camden, NJ 08102 | Ex. 6 - Personal Privacy (PP) | hopeworks.org

RUTGERS
New Jersey Agricultural Experiment Station

Christopher C. Obropta, Ph.D., P.E.
Extension Specialist, Water Resources

Rutgers New Jersey Agricultural Experiment Station Cooperative Extension
Rutgers, The State University of New Jersey
14 College Farm Road
New Brunswick • New Jersey 08901

http://www.water.rutgers.edu
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C: Ex. 6 - Personal Privacy (PP)
Fax: Ex. 6 - Personal Privacy (PP)

March 22, 2023

Seigha Omuso
Executive Director
The Opportunity League of Burlington City
11 West Broad Street. Burlington City, NJ 08016

Re: Green Burlington City Initiative – Letter of Commitment

Dear Mr. Omuso:

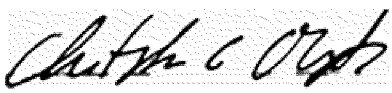
The Rutgers Cooperative Extension (RCE) Water Resources Program is pleased to partner with The Opportunity League (TOL) and Pinelands Preservation Alliance (PPA) to carry out the Greening Burlington City Initiative. For the last several years, the RCE Water Resources Program has worked closely with PPA to design and install green stormwater infrastructure and implement a rain garden rebate program in Southern New Jersey through the Landscape Makeover initiative that PPA manages. We continue to work with PPA on these projects. We now wish to express our commitment to supporting the Greening Burlington City project set out in TOL's proposal to the EPA Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program and to the roles described for the RCE Water Resources Program.

It is an exciting time as communities are beginning to embrace green infrastructure, and programming has started to create an upwelling of behavior change. We are happy to see the people of Burlington City propose a program that will improve the quality of life for the city's residents, and especially for those living in its most underserved neighborhoods, through engaging the community, installing rain gardens and street trees, and creating urban market gardens.

For this project, the RCE Water Resources Program commits to deliver the rain garden designs, support PPA in providing training to TOL and its volunteers, and support PPA in overseeing the installation of the rain gardens. These are the tasks we have performed many times for PPA and the Landscape Makeover Program, and for numerous similar projects throughout New Jersey.

This proposal will empower communities to action. This project has great potential to promote behavior change among the residents and businesses. These projects will help continue to raise the visibility of green infrastructure in South Jersey along with the nonprofit groups that are promoting these types of stormwater management practices.

Sincerely,



Christopher C. Obropta, Ph.D., P.E.
Extension Specialist in Water Resources

a. Project Summary Page

Project Title: Greening Burlington City

Project Location: Burlington City, New Jersey. Zip Codes are: 08016

Applicant Information:

The Opportunity League of Burlington City
11 West Broad Street.
Burlington, NJ 08016
Ex. 6 - Personal Privacy (PP)
https://theopportunity.org/
Principal Contact: Seigha Omuso, Executive Director, somuso@theoleague.org

Brief Description of The Opportunity League (TOL): TOL was founded in 2009 to build community health for the residents of Burlington City and surrounding towns. Our initiatives arise from deep engagement with the community and build on the unique assets of our neighborhoods. TOL provides after-school programs, career training and placement, athletics, and, beginning this year, a community market and urban farm to bring fresh, locally-grown produce to our food-desert neighborhoods. TOL works across sectors of health, economic development, education and food systems. This initiative will add new avenues to empowering our community by greening neighborhoods that have long suffered from air and water pollution and developing economically viable market gardens for healthy food.

CBO Set Aside: TOL is not applying for the Small CBO Set Aside Track for $150,000 projects.

Project Abstract: TOL and its partners will install rain gardens, street trees and urban market gardens in Burlington City in order to improve air quality, control and cleanse stormwater, strengthen hyper-local food sovereignty, raise community understanding of the natural systems affecting their lives, provide skills training for residents of the city, and empower residents to improve their neighborhoods.

Collaboration across sectors and the urban/rural divide is essential to this project. TOL will lead the project and organize the community decision making process to prioritize installation sites and recruit participants. Pinelands Preservation Alliance (PPA) and the Rutgers Water Resources Program will oversee the installation of rain gardens and tree plantings according to the community decisions; train residents in the selection, installation and maintenance of rain gardens; and partner with TOL to provide environmental education programs based on these installations. Rancocas Creek Farm will help TOL establish successful, economically viable market gardens. Burlington City will assist in identifying locations, obtaining permissions and constructing rain gardens and tree plantings, and in obtaining access to city-controlled parcels for market gardens. Main Street Burlington and the City schools will help spread the word and recruit resident engagement. Burlington City Garden Club will bring the gardening experience of generations to bear in assisting in the installation and ongoing maintenance of the rain gardens and street tree plantings. Hopeworks will create and train residents in Geographic Information Systems (GIS) tools to advance, record and evaluate the project.

We believe this project will require that we develop a QAPP.

b. Environmental and Public Health information of Burlington City

Burlington City has major health and environmental vulnerabilities, exacerbated by climate change, that this project will address.

According to the EPA EJScreen, Burlington City residents face exceptional environmental risks. For example, the City's block group with the highest minority status shows as being in the 89th percentile people of color and 98th for low-income, while also ranking in the 95th percentile or higher in all EJ Indices except wastewater discharge. Six of the City's block groups show EJ Indices for most risks that are in the 60th percentile and above.

Similarly, the Centers for Disease Control's Social Vulnerability Index identifies two of the four Census tracts in Burlington City, representing more than half the population, as highly vulnerable to natural and other emergencies. Looking specifically at the Summary theme, one tract ranks at 0.9508 (meaning it is more vulnerable than 95% of Census tracts in America) and one at 0.6427.

FEMA's Risk Mapping and Planning Map shows large portions of the City as high and very high flood risk areas, including much of the City's most low-income neighborhoods. The National Flood Hazard Layers (NFHL) show that 72% of the City is in the AE zone subject to inundation by the 1-percent-annual-chance flood event and 15% in the X (shaded) zone. (Excluding the largely unpopulated island within the City boundary, the numbers are 71% and 14%, respectively.) Consistent with these designations, Burlington County's Hazard Mitigation Plan notes that "[r]iverine and tidal flooding impact the City of Burlington and has caused heavy flooding damage in the area of U.S. Route 130, combined with the effects from the Delaware River."

The New Jersey Department of Environmental Protection (DEP) identifies Burlington City as an environmentally "overburdened community" under the state's Environmental Justice Law, N.J.S.A. 13:1D-157, due to a similar mix of demographic and environmental factors as drive the EPA mapping. The New Jersey Economic Development Authority identifies Burlington City as a "food desert" due to the lack of local grocery stores and food sources.

Burlington City also has exceptionally low tree canopy. While iTree.org's landscape tool reports Burlington City as a whole has a 17% canopy cover, the vast majority of this cover is on the uninhabited Burlington Island in the Delaware River, not where people actually live. Counting only the block groups without the island, the canopy cover falls to 6.8% of the inhabited areas.

The most vulnerable neighborhoods identified through these mapping criteria are also predominantly Black and Hispanic. These data show that Burlington City residents, and especially those in certain neighborhoods with lower income and higher Black and Hispanic populations, are disproportionately vulnerable to flooding, air pollution, heat, and poor access to healthy food. The consequences of these conditions can be seen in the ongoing housing segregation, low-income and educational achievement, and relatively poor housing stock affecting those neighborhoods. While we lack local-scale comparative health outcomes data, the various mapping programs cited above are all premised on research showing that the demographic and environmental factors they use for their rankings have demonstrable, negative effects on residents' health and life prospects. The CDC's Local Data for Better Health modeling provides a consistent picture for Burlington City.

This project aims to engage the entire City in beginning to address the pollution, flood risk, food access and poor prospects that so many residents face through greening the City's most afflicted neighborhoods. These greening projects will also train residents in marketable skills and educate the community about environmental and food systems that affect their quality of life. Increasing green infrastructure in our intensively-developed City will mitigate climate change impacts such as flooding and heat exposure. Local market gardens will bring the added benefits of locally grown food for sale through local markets, generating further job skills and paid employment. The results will be a healthier physical environment, better nutrition for families, and new avenues for growing employment and prosperity in the City. By involving residents in the planning and execution of this project, the initiative will increase inclusion and empowerment among residents who have felt excluded from the decisions that shape their neighborhoods.

c. Organization's Historical Connection to Underserved Community:

Deep involvement with its underserved community has been the core of The Opportunity League's identity, mission and program since TOL was founded in 2009 in response to the limited number of opportunities for youth in Burlington City in education, sports, and employment. These needs were substantiated in 2015 with the development of the Childhood Opportunity Index by Diversity Data Kids. Compared to averages in the state, the indicator of childhood opportunities in education received values of low, and received very low indices in social, economic, health, and environment opportunities for most of the City's neighborhoods. In response, TOL committed to work with our residents to create opportunities that close the equity gap for traditionally underrepresented and overlooked residents. TOL provides training programs and mentoring for traditionally underserved populations, programs that remove barriers to employment and engagement in civic life, and supportive services for communities such as STEM educational enrichment and entrepreneurship for youth (including those with disabilities), college readiness, ESL, senior citizen job training, workforce development/ certifications, cross-cultural/international athletic programs. Our community participates in making decisions and gives feedback on programs and services to ensure their needs are met, and we draw upon the active support of our town's business community, city government and sister civic organizations.

As we strived to prioritize the needs of our neighbors, we heard that one of the greatest needs for Burlington City, a designated food desert, is a sustainable solution to food security. Residents were invited to the table and empowered as decision-makers in devising, planning, developing, and now implementing the initiative we call the Villages Community Marketplace (VCM) as part of a cross-sector collaboration of the Burlington City Food Access Network (BC-FAN) in 2021. VCM will open this year as a bricks and mortar store providing fresh produce, prepared foods, job training, a community center for young and old, an on-site market garden, and a center of collaboration with partners like Rancocas Creek Farm and the Pinelands Preservation Alliance to promote food sovereignty through sustainable, regenerative local food systems.

The Opportunity League currently leads the BC-FAN as we tackle food security issues in the city. BC-FAN includes residents, the police department, the County Health Department, churches,

the school district, the municipality, New Jersey universities, industry experts, and small and large businesses and non-profit organizations. Members of the community have utilized their time, talents, and expertise to coordinate special events, add to indoor/outdoor renovations, teach youth in the culinary arts and community gardening, support social media campaigns, and participate in food drives, food deliveries and hot meal distribution for immediate food access needs.

Since October 2021, residents and cross-sector partners have met weekly to work together on the Villages Community Marketplace project. Meetings feature interactive activities that build connection, rapport, and unity among members. Decisions are made as a group, engaging residents as co-creators and decision-makers in the process. As the lead organization, TOL serves as facilitator, database/resource manager, and organizer of activities and meetings. Tasks are implemented by community participants and reported weekly using various project management tools. Their active engagement ensures accountability, and that participants can see the progress we are making together. Residents show up as decision-makers and leaders in the facility design and the services VCM will offer, our farm-to-table training programs, local product merchant and entrepreneurship initiatives, the local farmers market, community gardening, food justice and policy reform strategizing, and creating jobs and new products within the marketplace. We have made tremendous progress in developing the project because the VCM model empowers community members to play an active role in decision-making, multiplies the capacity of TOL staff, and creates solutions tailored to our hyperlocal communities.

TOL sees the Greening Burlington City initiative as a logical and necessary extension of our existing programs. We can now build on years of collaborative work in our own community and beyond to ensure this program is both resident-driven and successful in achieving the outcomes we propose.

d. EJCPS Model: The EJCPS Logic Model for this project is attached as a separate document.

e. Project Linkages:

The most vulnerable neighborhoods of Burlington City are predominantly Black and Hispanic. These neighborhoods suffer inequities because they are overburdened by the environmental impacts summarized above. The core approach of greening the city through rain gardens, street tree plantings and urban farms speaks to mitigating the impacts of climate change on this vulnerable community, because these measures reduce the risks to residents from flooding, contaminated stormwater, and high heat events. While being a food desert may not be considered an "environmental justice" issue, it arises from the same factors of racial segregation, bias and income disparities that drive core environmental justice issues of air and water pollution. This project will advance environmental justice by improving environmental conditions in these neighborhoods through collective action, increase residents' access to locally grown fresh produce, and train residents in marketable skills that include farming, landscaping with native plants, and Geographic Information Systems (GIS) technology. Each of these activities will take place through community organizing and inclusive planning that will help to empower neighborhoods to improve their quality of life.

The initiative will build the community's capacity in several ways. It will foster and deepen collaborations among residents and between Burlington City and organizations outside the city. It will enlarge the network of individuals with skills in growing plants and raising food. It will build wealth by creating new employment opportunities and enabling residents to sell the food they grow in new market gardens. And it will improve the built environment that does so much to influence the quality of life and the City's business vitality.

f. Partnerships and Collaboration:

The Pinelands Preservation Alliance (PPA) is a 501(c)3 charity and a leading regional environmental organization based in Southampton, NJ. PPA launched and manages the Landscape Makeover Program, a multiyear project that marshals the assets of public agencies, the Rutgers University Water Resources Program, environmental nonprofits and volunteers to install rain gardens on public properties, help residents create rain gardens for their homes, and restore water bodies harmed by stormwater runoff across South Jersey. PPA will bring its extensive experience managing green infrastructure projects to participate in community planning and oversee the installation of rain gardens and tree plantings. PPA will train residents in the selection, installation and maintenance of rain gardens and partner with TOL to provide environmental education programs based on these installations. PPA sees its growing partnership with TOL as advancing its mission by promoting environmental understanding, connecting new constituencies with the resources of the Pinelands and broader region, and expanding sustainable farming. PPA will be a subawardee and enter a formal agreement with TOL.

Rancocas Creek Farm (RCF), a regenerative farm at PPA's headquarters, will bring its expertise in growing and selling food and training farmers to help TOL establish market gardens in the city and ensure their economic viability. RCF is an initiative of PPA. RCF is already committed to supplying TOL's Villages Community Marketplace by providing RCF produce to supplement food grown in the urban farms, in order to ensure there is sufficient variety and volume for the smaller urban farms to successfully market their produce locally. RCF's effort will be funded through the subaward to PPA.

Rutgers University Cooperative Extension's Water Resources Program designs and supports the installation of green stormwater infrastructure, particularly rain gardens, throughout the state of New Jersey through partnerships with nonprofits and public institutions. The Water Resources Program is a core partner for PPA in the Landscape Makeover Program and is a subawardee of grants that fund that program. The Program will support TOL and PPA in evaluating and prioritizing sites, will design the rain gardens, will oversee installation of the rain gardens and street trees, and will participate in the community education events. Rutgers will be a subawardee in Greening Burlington City and will enter a formal agreement with TOL.

Burlington City brings its knowledge of the city, its control of various parcels and facilities, and its municipal works assets to the project. The City will participate in the community planning process, and it will assist in identifying locations, in obtaining permissions and constructing rain gardens and tree plantings, and in obtaining access to city-controlled parcels for market gardens. Burlington City will contribute its effort.

Main Street Burlington is a 501 (c)(3) non-profit corporation whose goal is to generate economic activity and encourage investment in the City through a variety of events and services for current and potential businesses, as well as residents and visitors. Main Street sees this project as aligned with the fundamental approach of the Main Street America movement, which is built on a 4-point model for transformation focused on economic vitality, downtown aesthetics, downtown promotion, and a vibrant organization of volunteers networked into the community and its organizations. They see that this project promotes community leadership through neighborhood meetings, environmental preservation and beautification, and economic development. Main Street will draw on its relationships with local businesses and civic organizations to promote the initiative to residents and businesses through its active social media channels and events, as well as seeking ways to integrate the program into its Farmer's Market initiative, and participating in community planning meetings that TOL will organize. Main Street will contribute its efforts.

The Burlington City school system is responsible for pre-K through high school education for our residents. The schools will support this project by using their establishing methods to communicate with their families about the initiative and how families can get involved, and by encouraging teachers to participate in class activities, such as helping with plantings, based on information TOL provides. The school system will contribute its effort.

Burlington City Garden Club is a local volunteer group that will bring the gardening experience of generations to bear in assisting in the installation and ongoing maintenance of the rain gardens and street tree plantings. Led by and made up of residents, the Garden Club is focused on and committed to Burlington City. The Garden Club will contribute its effort.

Hopeworks is a 501(c)3 charitable organization that uses technology, healing, and entrepreneurship to transform lives. Hopeworks develops web sites and GIS products for clients, both for-profit businesses and nonprofits. Through these real-world projects, its trainees learn to produce social media and GIS products that meet the high standards demanded by major businesses. Hopeworks has expertise in producing web sites that integrate online, interactive mapping and accessibility tools of the kind this project requires. Its unique trauma-informed approach, combined with high-demand, high wage technical training and paid work experience helps build young people who can not only get jobs, but keep them. Hopeworks will create an interactive online map to guide, record and help evaluate the installation of green infrastructure, and will train at least two city residents in GIS technology through this effort. Hopeworks will be a subawardee and enter a formal agreement with TOL.

2. Project Activities and Milestone Schedule:

This project includes the following activities:

(a) Launch and sustain a community-based planning process.

i. TOL will advertise and convene a regular monthly meeting or forum for residents and partners to launch, plan and oversee the initiative.

ii. TOL will advertise and explain the project through at least monthly posts via Facebook, Instagram and email, and will distribute at least two flyers during the

grant period to all City residences, describing the project and opportunities to get involved.

iii. TOL will keep track of interested parties, create the agenda for each meeting, and communicate with participants through an email list and social media throughout the planning process.

(b) Use community knowledge and GIS tools to identify and map potential sites for rain gardens, market gardens and tree planting.

i. Hopeworks will create an interactive online map to collect and display candidate sites and relevant information about each in context with other geographic, demographic and analytical features of the City.

ii. The identification and characterization of candidate sites will take place in the community-based planning meetings and will be managed by TOL with support from the partners.

(c) Prioritize the potential sites for rain gardens, market gardens and tree plantings based on factors agreed in the planning process.

i. Prioritization will take place through the community planning meetings to ensure resident engagement and incorporation of local knowledge.

ii. Factors will include the size of available space, the location's likely impact, and the landowner in each case. Residents may propose additional factors.

iii. TOL will manage this process and keep the official priority lists.

(d) Hold at least 8 community education and training programs reaching at least 80 residents about rain gardens and tree plantings.

i. TOL will schedule and advertise the programs to residents through at least 2 flyers and monthly social media posts, and word of mouth, with the aim of reaching all City residents with the information.

ii. PPA and Rutgers Water Resources Program will design and deliver the programs in consultation with the Garden Club, whose members will participate in the programs as teachers and ambassadors.

iii. TOL will track participation and lessons learned in the training sessions.

(e) Rain Gardens:

i. Create installation, training and maintenance plans for at least 8 rain gardens. PPA will develop these plans for review, revision and approval through the planning process. Each plan will address methods of installation, plant materials, irrigation, installation and training staff, and ongoing maintenance needs. As gardens are planted, the relevant plan will be tailored to each site.

ii. Design rain gardens for priority sites. PPA will develop the designs in collaboration with the Rutgers Cooperative Extension, using the same process that has worked successfully in the Landscape Makeover initiative. The design

will include species selection, any additional materials required, planting patterns, and methods of installation tailored to each site.

iii. Install at least 8 rain gardens of approximately 800 square feet. PPA will manage the installations, acquire plants and organize equipment and tools. TOL will organize volunteers from the community, the Garden Club members will participate in the plantings, and Burlington City will contribute assistance by the city's works department.

iv. Use the design and installation process to train residents in the skills of evaluating a site, selecting appropriate plants, planting the garden, and maintaining the garden over time. TOL, PPA and Garden Club members will provide the instruction as we install the rain gardens. In addition to the installation days, TOL will schedule at least quarterly meetings at each site to review their progress and provide instruction in maintenance.

(f) Street Trees:

i. Create installation, training and maintenance plans for the tree plantings. PPA will develop these plans for review, revision and approval through the planning process. Each plan will address methods of installation, tree species, irrigation, installation and training staff, and ongoing maintenance needs.

i. TOL will obtain required permissions from the City for the selected locations.

ii. TOL will organize volunteers from the community, the Garden Club members will participate in the plantings, and Burlington City will contribute assistance by the city's works department.

iii. PPA will oversee the installation of at least 100 street trees.

iv. Use the design and installation process to train residents in the skills of evaluating a site, preparing the site, selecting appropriate tree species and sizes, planting the trees, and maintaining the trees over time. TOL, PPA and Garden Club members will provide the instruction as we install the trees. In addition to the installation days, TOL will schedule at least quarterly meetings at each site to review the trees' health and provide instruction in maintenance.

(g) Market Gardens:

i. Create installation, training and maintenance plans for the market gardens. PPA will develop these plans for review, revision and approval through the planning process. Each plan will address methods of installation, plant materials, irrigation, installation and training staff, and ongoing maintenance needs. As the market gardens are launched, the relevant plan will be tailored to each site.

i. TOL will obtain long-term agreements for use of the land, or acquire the land in fee, for at least two new market gardens.

ii. TOL will recruit residents to manage each market garden on a day-to-day basis, with the intention that the farmers will sell produce they raise to the Village

Marketplace, a stand at Burlington City's weekly farmers market, or potentially other wholesale purchasers located in and around Burlington City. TOL, PPA and Rancocas Creek Farm will work with resident farmers to create agreements between growers and TOL setting out the terms for residents to participate as farmers.

iii. Through consultation with the residents taking responsibility for each garden, Rancocas Creek Farm and TOL's farm staff will design the beds and create planting, maintenance and harvest schedules for each, ensuring each element is responsive to the residents' goals and capacities.

iv. Create the market gardens. TOL will schedule and oversee the installations and plantings to create the market gardens with participation of the resident growers, Rancocas Creek Farm and the Garden Club.

v. TOL and Rancocas Creek Farm will acquire essential equipment for the market gardens, such as hand tools and access to water for irrigation and washing produce. The tools and equipment will be owned by TOL.

vi. Establish pricing and sales procedures for sale of produce, payment of expenses, and returns to farmers. The principal purchasers will be TOL's Village Marketplace and Burlington City's weekly farmers market. PPA and Rancocas Creek Farm will bring their produce sales experience to help TOL manage these procedures.

vii. TOL will continue to have overall responsibility for managing the market gardens to ensure they remain in production for the benefit of the community.

(h) Communications

i. TOL will produce initial advertising of the program to the community via social media, email and a print flyer sent to all City residences.

ii. TOL will produce monthly communications via social media, email and at least one additional flyer.

iii. TOL will provide a report to the community at the close of grant period via its web site, social media and email posts, and the planning committee.

(i) Evaluate and Report on the Project

i. Maintain an online map of all project installations and provide at least quarterly updates for each site within the map. Hopeworks will maintain the online map and ensure data is entered correctly. TOL will ensure the site information is updated quarterly. PPA, Rancocas Creek Farm and the Garden Club will participate in the quarterly visits and reporting.

ii. Produce a final report on the initiative. TOL will draft and curate the report. The community participants and the partner organizations will review drafts and publicize the final report through their various neighborhood and social media avenues.

The Milestone Schedule:

		Start	Complete	Mos.
a.	Launch and sustain a community-based forum to serve as the planning process.	10/2/2023	Ongoing	36
b.	Identify and map potential sites for rain gardens, market gardens and tree planting	2/1/2024	8/31/2024	7
c.	Create the online map tool	1/2/2024	5/31/2024	5
d.	Prioritize the potential sites	9/3/2024	11/29/2024	2
e.	**Rain Gardens**			
i.	Create installation, training and maintenance plans	12/2/2024	6/28/2024	7
ii.	Design rain gardens for priority sites.	12/2/2024	6/28/2024	7
iii.	Install the rain gardens	7/1/2024	11/29/2024	4
iii.	Train residents	5/1/2024	11/29/2024	7
f.	**Street Trees**			
i.	Create installation, trainings and maintenance plan	12/2/2024	4/30/2024	5
ii.	Obtain required permissions	9/3/2024	3/31/2025	4
iii.	Organize volunteers	9/3/2024	3/31/2025	6
iv.	Install the trees	4/1/2025	11/28/2025	7
v.	Train residents	4/1/2025	11/28/2025	7
g.	**Market Gardens**			
i.	Create installation, training and maintenance plans	12/2/2024	6/30/2024	7
ii.	Obtain long-term agreements for use of the land	12/2/2024	10/31/2024	10

iii.	Recruit and train residents to manage each market garden	12/2/2024	10/31/2024	11
iv.	Design the beds and create planting, maintenance and harvest schedules	11/4/2024	3/31/2025	4
v.	Create the market gardens	4/1/2025	11/30/2025	7
vi.	Acquire essential equipment	1/2/2025	3/31/2025	3
vii.	Ongoing oversight of the market gardens	12/1/2025	ongoing	13
h.	**Communications**			
i.	Initial advertising of the program to the community via social media, email and print flyer	10/2/2023	5/1/2024	7
ii.	Monthly communications via social media, email and at least one additional flyer	1/2/2024	8/28/2026	32
iii.	Report to the community at close of grant period	9/2/2026	9/30/2026	1
i.	**Evaluate and Report**			
i.	Create, review and finalize evaluation forms	2/2/2024	1/25/2025	12
ii.	Quarterly on-site evaluations of each site	1/2/2025	ongoing	21
iii.	Final report on the initiative	9/2/2026	9/30/2026	1

3.0 Environmental Results – Outputs, Outcomes, and Performance Measures (Logic Model)

a. *Environmental Results (Logic Model):* Please see the attached logic model.

b. Performance Measurement Plan:

TOL will track performance against the detailed project schedule and provide written monthly reports to the project partners and community planning forum. The performance reports will address qualitative progress (such as the ideas and points of consensus arising from the planning forum) and numerical measures (such number of volunteers participating in each activity and rain garden installations, sizes and costs).

Once quarterly on-site evaluations of installed sites and trees begin, these evaluations will use forms for the rain gardens, market gardens, and street trees to be provided by PPA and Rutgers Extension based on their extensive experience in green infrastructure projects and input from the planning forum participants. The forms will evaluate the health of the installations and the

systems in place for care and maintenance. The evaluation form for the market gardens will also include the economic elements of sales of produce, costs of ongoing inputs, and returns to the farmers.

The monthly status reports and quarterly site evaluations will provide the data for a final report describing the project's processes, actions, community engagement, education activities, partner roles, performance of the installations through the end of the grant period, and capacity and prospects for sustaining the installations.

c. Sustainability Plan and Community Vision:

A core objective of the project is to create expertise among people who live in the community and work for Burlington City government and nonprofits on planting and maintaining rain gardens and street trees, and on urban farming, for both maintenance of this first round of installations and new future installations. The rain gardens and street trees represent different required skills and levels of commitment on the part of staff and community members as compared to the market gardens, so they also require TOL to establish different structures for sustaining each part of the endeavor. Through this project, TOL will create the staff capacity to manage both elements of the ongoing work as well as the relationships with organizations like PPA, Rancocas Creek Farm and Rutgers Extension.

TOL's new staff capacity will enable it and the City to identify, design, fund, install and maintain additional rain gardens and street trees over time. Through TOL's ongoing community organizing and education work, it will be able to recruit new residents to participate in the activities that best meet their interests, talents and availability.

Making market gardens successful is clearly a greater challenge. They require continuing inputs of plants and supplies, greater growing and business skills, effective marketing, pricing and payment systems, and fairly intensive labor during the growing season. Through the Villages Community Marketplace and similar projects, such as the Roots To Prevention program in the nearby City of Camden, TOL, PPA and RCF staff will bring extensive experience in training individuals in the key skills, managing the pricing and other logistics around marketing small-scale production, and overseeing the work of resident farmers to ensure the farms are productive, economically viable, and meet all relevant regulatory standards.

4.0 Programmatic Capability:

While developing green stormwater infrastructure is a new project for The Opportunity League, TOL has extensive experience in community organizing and partnerships to carry out innovative programs, and has recruited partners for this project which bring vast experience in this work. TOL has consistently been awarded the NJ Office of Faith-Based Initiatives College Readiness Grant since 2019 because of our success year to year meeting target program goals and assisting students and families successfully transition from high school to college. To date, we have a 100% college acceptance rate, our partnerships have doubled every grant year, 97% of graduating students remain in college, and we have raised over $500,000 in college scholarships.

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In 2021, TOL was awarded an Asset Based Community Development Grant by Data Across Health Sectors (DASH) for the Villages Community Marketplace project. TOL received this grant based on its ability to engage community members and leverage the strengths of the community, including individual, institutional, business, cultural, and physical assets, to create change. Highlights demonstrating TOL's effective management of this grant include: TOL won additional funding beyond the grant period for our community garden building as a way to continue engaging community members in the project. TOL established weekly, consistent meetings with 18-25 residents that enabled us to derive granular data points on resident engagement in areas such as variance in attendance, project management strategies, and best modes of communication to move project goals forward and connect meaningfully. We have established and maintained relationships with organizations across the country to share resources, challenges, and successes around utilizing data to drive decision-making around equity and accountability. TOL collaborated with residents to develop surveys, and empowered residents to administer surveys, to collect data in a manner that builds trust and values resident input on the development of the Villages project. And TOL is developing a Villages app that supports health equity strategies and aids us in understanding the needs of our community, and how resources are best allocated around food access. The input we receive is allowing us to better understand the spending habits among low-to-moderate-income and minority individuals, and the barriers they face in making healthy food choices in the prevention of chronic disease.

Pinelands Preservation Alliance (PPA), Rancocas Creek Farm (RCF), and Rutgers Cooperative Extension Water Resources Program are the lead partners with technical expertise in the green infrastructure and farming elements of this project.

PPA has significant experience and expertise in managing and carrying out green infrastructure projects through the Landscape Makeover Program. Since PPA launched Landscape Makeover in 2017, the project is continuing to grow in scope and scale. So far, the program has resulted in the planting of 76 rain gardens in 16 towns, and 26 education programs in which 1,123 public employees and private residents have participated, both within and outside the boundaries of the Pinelands National Reserve. Landscape Makeover succeeds through a network of partnership, which PPA manages, with local governments, schools, nonprofits, and residents. PPA works with the Rutgers Cooperative Extension Water Resources Program for the design and installation of these rain gardens.

Rutgers' Water Resources Program works across the state of New Jersey designing and overseeing or providing support for the installation of green stormwater infrastructure, including but not limited to rain gardens. The Water Resources Program was launched in 2002 and has developed into an award-winning state-wide program dedicated to solving New Jersey's water resources issues. Through competitive grants secured from local, state, and national entities, the program now supports several full-time staff, part-time community outreach specialists, and undergraduate students. The diversity of backgrounds of this staff reflects the variety of needs to be addressed and the holistic approach needed to solve New Jersey's water resources issues. With engineers, scientists, educators, landscape architects, and other design professionals, the team routinely approaches each project and program from a multidisciplinary point of view. The mission of the Water Resources Program is to identify and

address water resources issues by engaging and empowering communities to employ practical science-based solutions to help create a more equitable and sustainable New Jersey. This is accomplished through research, project development, assessment and extension, and through the collaborative efforts of our many regional, national, and international partners. The Program engages with local residents and partners, and it works on the philosophy expressed in ancient proverb that if you give a man a fish, you feed him for a day, but teach him how to fish and you feed him for his lifetime. We are now in the business of teaching people to fish.

PPA also brings experience and expertise in farming and produce marketing through RCF, which is wholly-owned and operated by PPA. RCF grows produce and pigs, manages habitats and stormwater controls, and practices regenerative methods on 72 acres of farmland at PPA's headquarters in Southampton, NJ. Since 2021, RCF has been working with TOL to train interns in farming and support the creation of the market garden currently in development to begin production in the summer of 2023 at the Villages Marketplace. RCF and the Villages Marketplace are teaming to sell produce we are growing at the weekly Burlington City farmers market. PPA and RCF are also teaming with Roots to Prevention in growing market relationships that will sustain urban market gardens in the City of Camden.

5.0 Past Performance

Grants Received	Amount
Data Across Sectors for Health Grant	$27,000
New Jersey Health Initiatives Grant	$50,000
NJ Office of Faith-Based Initiative Grants for Community Supported Agriculture/ Community Garden	$30,000
Healthy Places by Design Grant	$17,000
NJ Office of Faith-Based Initiatives College Readiness Grant	$65,000
Amazon Donation	$75,000
NJ Senator Troy Singleton's Office Donation	$5,000
National Youth Leadership Council Grant for Farm to Table Youth Internship	$1,000
T- Mobile National Hometown Grant	$50,000
NJ Office of Faith-Based Initiatives Social Enterprise Grant	$15,000

TOTAL	**$335, 000**

The following examples demonstrate TOL's effective management of grants.

Collaborative planning and tracking progress: TOL's effort for the New Jersey Health Initiatives/Robert Wood Johnson Foundation grant for addressing food insecurity in Burlington City included establishing and updating a detailed plan and timeline with goals, objectives, timelines, and budget allocations through an inclusive process with all stakeholders, including the grant maker.

Implementing a complex project: The Villages Community Marketplace (VCM) Project has received support from a number of funders. This project is an innovative and sustainable approach to address negative health outcomes around poverty, food access, crime, unemployment, limited community engagement, low educational attainment and chronic disease in Burlington City. Over the course of three years, we have overcome many challenges and progressed through the projected timeline towards the opening the Marketplace in the summer of 2023.

Assigning clear responsibilities to individuals or teams to ensure that everyone is aware of their duties and will help to prevent any confusion or duplication of effort: The VCM project has included numerous moving parts – constituency building and recruitment of partners, land acquisition, building renovations, store layout and inventory planning, setting up and staffing a commercial kitchen, designing the onsite market garden, and creating a responsible, credible financial plan that will serve the community's needs at prices residents can afford. These tasks each required engaging experts in their fields and ensuring all the moving parts fit together seamlessly. We required partners from the private sector (such as Amazon, which has contributed funding and volunteer work), the public sector (such as the Burlington County Health Department, which as contributed code enforcement, health resources and data support), and other nonprofits (such as Pinelands Preservation Alliance and Rancocas Creek Farm, which are contributing farming expertise and training opportunities).

Utilizing measures to demonstrate accountability, assess impact, identify best practices, improve project design, and ensure sustainability: TOL collaborates with residents to develop and deliver the surveys mentioned above. These surveys enable us to design our programs to meet the real, rather than just assumed, needs of residents, while empowering them through their ability to drive the projects and building trust. In the case of the VCM, the surveys are enabling us to design the most desired community education topics, set hours of operation, select the products that community members most want, develop events that will attract residents, and identify the barriers to healthier nutrition for families in our community.

Monitoring progress and reported regularly to stakeholders to ensure that the project stayed on track and met the grant's objectives: Documenting plans, tasks and accomplishments using

project management software has been essential to TOL for effective grant management of such a complex project as VCM. We document project plans, quarterly progress reports, and budget/expense information for each aspect of the project, and we use this information to report to each funder according to their requirements.

Communicating with grant makers: All grant makers expect to be informed about the projects they fund, and each has different reporting expectations. TOL has maintained good relationships with each of our funders by meeting those expectations as part of our practice of communicating with all stakeholders, including the grant making organization, partners, and the community. Our ability to document progress has enabled TOL to prove the value of this project and raise over $200,000 so far to support the Villages Community Marketplace, from an initial seed grant of $50,000 in 2021.

6.0 Quality Assurance Project Plan (QAPP) Information:

We believe we will need to create a QAPP.

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OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: The Research Foundation for the SUNY

Address: 1400 Washington Ave, MSC 100

City: Albany

State: NY: New York Zip Code: 12222-0100

B. Unique Entity Identifier (UEI): NHH3T1Z96H29

C. Applicant/Recipient Point of Contact

Name: Christine McCrary

Phone: Ex. 6 Personal Privacy (PP)

Email: Ex. 6 - Personal Privacy (PP)

Title: Director, PreAward Services

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

• Alaei, Kamiar v. State University of New York at Albany, et al., No. 1:21-cv-00377 (U.S. District Court, Northern District of New York, April 1, 2021) – Pending.
• Alaei, Kamiar v. State University of New York, et al., No. 132554 (New York State Court of Claims, January 23, 2019) – Pending.
• Alexander M. v. Cleary, et al., AD No. 528959 (Supreme Court of the State of New York, Appellate Division: Third Department, April 8, 2019) – Pending.
• COMPLAINANT NAME CONFIDENTIAL, OCR Case No. 02-20-2347 (U.S. Department of Education, Office for Civil Rights, Aug. 7, 2020) – Pending
• Frye v. State University of New York at Albany, No. 1:20-cv-01483 (U.S. District Court, Northern District of New York, Dec. 3, 2020) – Pending
• Heim v. Daniel, et al., No. 1:18-CV00836 (U.S. District Court, Northern District of New York, July 16, 2018) - Pending
• Pejovic, et al. v. State University of New York at Albany, No. 21-1927 (U.S. Court of Appeals, 2nd Circuit, Aug. 5, 2021) – Pending
Min, Qilong v. State University of New York, University at Albany; Equal Employment Opportunity Commission Case No. 525-2021-01639 – Pending.

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

None

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. **If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).**

☐ Yes ☐ No

b. **If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.**

VII.	**Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)**	☒ Yes ☐ No
a.	**Do the methods of notice accommodate those with impaired vision or hearing?**	☒ Yes ☐ No
b.	**Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?**	☒ Yes ☐ No
c.	**Does the notice identify a designated civil rights coordinator?**	☒ Yes ☐ No
VIII.	**Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))**	☒ Yes ☐ No
IX.	**Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))**	☒ Yes ☐ No

X. If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.

Samuel Caldwell, MBA, Chief Diversity Officer and Assistant Vice President for Diversity and Inclusion; University Hall 207, 1400 Washington Avenue, Albany, NY 12222-0100, Ex. 6 - Personal Privacy (PP) Ex. 6 - Personal Privacy (PP)

XI. If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.

https://www.albany.edu/diversityandinclusion/equalopportunity.php

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Christine McCrary	Director, Pre-Award Services	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Christine | Middle Name:
Last Name: McCrary | Suffix:
Title: Director, PreAward Services

Complete Address:

Street1: 1400 Washington Ave.
Street2: MSC 100A
City: Albany | State: NY: New York
Zip / Postal Code: 12222-0100 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: Ex. 6 Personal Privacy (PP)

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Erin | Middle Name:
Last Name: Lupe | Suffix:
Title: Financial Reporting and Collection Manager

Complete Address:

Street1: 1400 Washington Ave.
Street2:
City: Albany | State: NY: New York
Zip / Postal Code: 12222-0100 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: Ex. 6 - Personal Privacy (PP)

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Christine | Middle Name:
Last Name: McCrary | Suffix:
Title: Director, PreAward Services

Complete Address:

Street1: 1400 Washington Ave.
Street2: MSC 100A
City: Albany | State: NY: New York
Zip / Postal Code: 12222-0100 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: Ex. 6 - Personal Privacy (PP)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: | First Name: Aynul | Middle Name:

Last Name: Bari | Suffix:

Title: Assistant Professor

Complete Address:

Street1: 1400 Washington Ave.

Street2:

City: Albany | State: NY: New York

Zip / Postal Code: 12222-0100 | Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**

E-mail Address: Ex. 6 Personal Privacy (PP)

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: The Research Foundation for the SUNY

* b. Employer/Taxpayer Identification Number (EIN/TIN): 141368361

* c. UEI: NHH3T1Z96H29

d. Address:

* Street1: 1400 Washington Ave.
Street2: MSC 100A
* City: Albany
County/Parish: Albany
* State: NY: New York
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 12222-0100

e. Organizational Unit:

Department Name: Sponsored Programs Admin

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Christine
Middle Name:
* Last Name: McCrary
Suffix:

Title: Director, Pre-Award Services

Organizational Affiliation: The Research Foundation for the SUNY

* Telephone Number: Ex. 6 Personal Privacy (PP)
Fax Number:

* Email: Ex. 6 Personal Privacy (PP)

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Monitoring and reduction of indoor air toxics, bioaerosols and emerging contaminants in urban and rural underserved neighborhoods in New York State

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: NY-020 * b. Program/Project: NY-020

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 * b. End Date: 10/31/2026

18. Estimated Funding ($):

* a. Federal	499,946.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	499,946.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name: Christine

Middle Name:

* Last Name: McCrary

Suffix:

* Title: Director, Pre-Award Services

* Telephone Number: Ex. 6 Personal Privacy (PP) Fax Number:

* Email: Ex. 6 - Personal Privacy (PP)

* Signature of Authorized Representative: Christine McCrary * Date Signed: 04/14/2023

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

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Application
New
2023-04-14
The Research Foundation for the SUNY
141368361
NHH3T1Z96H29
1400 Washington Ave.
MSC 100A
Albany
Albany
NY: New York
12222-0100
USA: UNITED STATES

Sponsored Programs Admin
Christine
McCrary

Director, Pre-Award Services
The Research Foundation for the SUNY
Ex. 6 Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Monitoring and reduction of indoor air toxics, bioaerosols and emerging contaminants in urban and rural underserved neighborhoods in New York State

NY-020
NY-020
2023-11-01
2026-10-31
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499946.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Christine
McCrary

Director, Pre-Award Services
Ex. 6 Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
Christine McCrary
2023-04-14

1234-7. Other attachment forms.pdf
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385,645
114,301

F&A (56.5%) is taken on an MTDC Base that excludes Equipment, Tuition and Subaward portion above the first 25K.

The Research Foundation for the SUNY
1400 Washington Ave, MSC 100
Albany
NY: New York
12222-0100

NHH3T1Z96H29
Christine McCrary
Ex. 6 Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
Director, PreAward Services
N: No
• Alaei, Kamiar v. State University of New York at Albany, et al., No. 1:21-cv-00377 (U.S. District Court, Northern District of New York, April 1, 2021) – Pending.
• Alaei, Kamiar v. State University of New York, et al., No. 132554 (New York State Court of Claims, January 23, 2019) – Pending.
• Alexander M. v. Cleary, et al., AD No. 528959 (Supreme Court of the State of New York, Appellate Division: Third Department, April 8, 2019) – Pending.
• COMPLAINANT NAME CONFIDENTIAL, OCR Case No. 02-20-2347 (U.S. Department of Education, Office for Civil
Rights, Aug. 7, 2020) – Pending
• Frye v. State University of New York at Albany, No. 1:20-cv-01483 (U.S. District Court, Northern District of New York, Dec. 3, 2020) – Pending
• Heim v. Daniel, et al., No. 1:18-CV00836 (U.S. District Court, Northern District of New York, July 16, 2018) - Pending
• Pejovic, et al. v. State University of New York at Albany, No. 21-1927 (U.S. Court of Appeals, 2nd Circuit, Aug. 5, 2021) – Pending
Min, Qilong v. State University of New York, University at Albany; Equal Employment Opportunity Commission Case
No. 525-2021-01639 – Pending.
None
None
N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Samuel Caldwell, MBA, Chief Diversity Officer and Assistant Vice President for Diversity and Inclusion; University Hall 207, 1400 Washington Avenue, Albany, NY 12222-0100, EX. 6 - Personal Privacy (PP) Ex. 6 Personal Privacy (PP)
https://www.albany.edu/diversityandinclusion/equalopportunity.php
Christine McCrary
Director, Pre-Award Services
2023-04-14

1235-Project Narrative_EPA EJPS_4-14-23_rev.pdf

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Christine
McCrary

Director, PreAward Services
1400 Washington Ave.
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Albany
NY: New York
12222-0100
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)

EX. 6 - Personal Privacy (PP)

Erin
Lupe

Financial Reporting and Collection Manager
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12222-0100
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)

EX. 6 - Personal Privacy (PP)

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EX. 6 - Personal Privacy (PP)

EX. 6 - Personal Privacy (PP)

Aynul
Bari

Assistant Professor
1400 Washington Ave.
Albany
NY: New York
12222-0100
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)

EX. 6 - Personal Privacy (PP)

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Christine McCrary
GRANT13861531

1. Program objectives

1a. Project Summary Page

- Project Title: **Monitoring and reduction of indoor air toxics, bioaerosols and emerging contaminants in urban and rural underserved neighborhoods in New York State**
- Project Locations: **Capital District**: South End, Albany, NY 12202; Schenectady, NY 12303, Cohoes, NY 12047, Hoosick Falls, NY, 12090; Petersburgh, NY, 12138; **North Country**: Fort Drum, NY, 13602; St. Regis Mohawk Reservation, Akwesasne, NY 13655; **Hudson Valley Region**: Kingston, NY 12401; Poughkeepsie, NY 12601; Newburgh, NY 12550; Catskill, NY, 12414; Ellenville, NY, 12128.
- Applicant Information: Project Manager (PM) and PI: Md. Aynul Bari, Department of Environmental & Sustainable Engineering, University at Albany; Co-PI: Elias Dueker, Bard College; Applicant organization: The Research Foundation for SUNY, University at Albany; 1400 Washington Avenue, MSC 100A, Albany, NY 12222; main contact: Christine McCrary, Ex. 6 Personal Privacy (PP)
- Brief Description of Applicant Organization: The SUNY Research Foundation (RF) is the largest comprehensive university-connected research foundation in the country and supports a vibrant research ecosystem that cultivates innovation and entrepreneurship across multiple key areas including Artificial Intelligence, Clean Energy, Biotechnology, Longevity, Substance Addiction, Nextgen Quantum Computing, Environmental Health, and Resiliency. Our mission is to provide talent, services, and technology that empower SUNY to research, innovate, and transfer discoveries that transform the world's knowledge economy.
- Set-aside: no set-aside
- Project Abstract: The overarching goal of this three-year project is to improve indoor air quality and public health across underserved neighborhoods in New York State (NYS) by establishing a community-driven air quality network platform. The specific objectives are to: 1) determine heterogeneity in indoor and outdoor concentrations of air toxics, bioaerosols and emerging contaminants at residential neighborhoods, 2) determine pollution hotspots and exposure disparities across neighborhoods, 3) identify indoor-generated and near-field outdoor sources, 4) determine heterogeneity in health risks associated with indoor and outdoor exposure, and 5) reduce indoor exposure to air pollutants. Key approaches include 1) measuring weekly indoor and outdoor (backyard) air concentrations at urban and rural neighborhoods over a 2-year period in at least 85 homes, 2) cost-effective time-integrated indoor and outdoor sampling for air toxics and emerging contaminants, 3) determining pollution hotspots through high precision mobile measurements of air toxics and methane across communities, 4) applying receptor model to identify indoor and outdoor sources, and 5) conducting intervention measures to reduce indoor air pollution. Expected outputs include 1) high precision data of air toxics and methane from indoor and mobile measurements, 2) time-integrated dataset for air toxics/VOCs and emerging contaminants. Expected outcomes include, 1) increased knowledge and understanding of indoor air quality problems, 2) enhanced understanding of sources of indoor air pollutants and reduction of human health risk, 3) increased community action to reduce indoor air pollution.
- Project type: monitoring, Special considerations: Rural Areas, Environmental Issue- Air
- List of Project Partners: 1) Academic: Bard College Community Sciences lab, 2) Industry: Entangle Technologies Inc., 3. Non-profit organizations: i) Hudson Valley Air Quality Coalition/ Citizens for Local Power, ii) Mid Hudson Energy Transition-MHET, iii) AVillage Inc., iv) St. Regis Mohawk Reservation (partnership under development)
- Need to develop QAPP for this project: Yes

ED_016126_00001117-00001

1b. Environmental and Public Health Information of the Underserved Community

Table 1 and 2 show EJ indexes and socioeconomic indicators of selected urban and rural communities including underserved neighborhoods in the study regions retrieved from the EPA's EJSCREEN tool.

Table 1. Characterization of selected urban communities (%tile in State versus %tile in USA)

Variables	South End, Albany	Cohoes	Schenectady	Kingston	Poughkeepsie	City of Newburgh
EJ Index-air toxics cancer risk	65 (71)	42 (30)	57 (47)	61 (64)	73 (82)	66 (62)
EJ Index-air toxics hazard index	61 (62)	49 (44)	62 (63)	58 (57)	65 (67)	69 (72)
EJ Index-superfund proximity	77 (86)	41 (63)	47 (73)	44 (69)	75 (87)	63 (84)
EJ Index-traffic proximity	73 (81)	41 (50)	72 (80)	62 (72)	73 (81)	65 (76)
EJ Index-RMP facility proximity	88 (88)	71 (71)	69 (67)	61 (59)	88 (86)	93 (91)
Demographic Index	71 (75)	52 (50)	72 (76)	66 (68)	77 (80)	85 (87)
People of color	65 (69)	38 (39)	65 (69)	60 (63)	70 (76)	78 (85)
Low Income	81 (77)	74 (68)	85 (82)	76 (71)	83 (79)	82 (78)

Table 2. Characterization of selected rural communities (%tile in State versus %tile in USA)

Variables	Hoosick Falls	Petersburgh	Fort Drum	St. Regis Mohawk Reservation	Catskill	Ellenville
EJ Index-air toxics cancer risk	32 (22)	19 (13)	48 (36)	51 (39)	51 (39)	53 (42)
EJ Index-air toxics hazard index	24 (13)	14 (7)	38 (21)	40 (23)	56 (54)	42 (24)
EJ Index-superfund proximity	63 (68)	37 (48)	50 (71)	60 (77)	62 (77)	32 (61)
EJ Index-traffic proximity	2 (0)	0 (0)	10 (11)	13 (14)	39 (49)	46 (58)
EJ Index-RMP facility proximity	24 (20)	10 (7)	38 (34)	37 (33)	13 (8)	20 (12)
Demographic Index	39 (36)	22 (19)	59 (60)	63 (65)	63 (65)	66 (69)
People of color	14 (13)	17 (16)	56 (59)	69 (75)	47 (49)	61 (65)
Low Income	73 (63)	48 (41)	66 (60)	38 (32)	85 (81)	74 (69)

Several urban communities are marked as low-income ones being affected by Superfund and RMP facility proximity with the national percentiles over 80%. Several local environmental problems exist among neighborhood communities in the selected study region. Albany South is a major hub for trains carrying crude oil from the Bakken formation to the east coast. Albany South End neighborhood with a population of ~5,000 is located near the Port of Albany and the Port of Rensselaer having several facilities for transferring and storing petroleum, gasoline, and ethanol. There has been growing public health concerns among residents living in the South End communities e.g., Ezra Prentice neighborhood. In recent years, there is also heightened concern among residents of Cohoes about possible impacts of Norlite's former incineration of fire-fighting foam and potential contamination of PFAS. Drinking water contamination by PFAS was discovered in a rural community in the U.S. superfund site (Hoosick Falls) in winter 2016, in a town of Petersburg in February 2016, in an urban community City of Newburgh in May 2016, and Fort Drum Army installation in 2019, spurring a potential concern about industrial contamination of air quality across neighborhoods.

On the other hand, the Hudson River Valley region is an agricultural and industrial hub and is known for it's poor air quality in NYS. Wintertime residential wood burning is a known issue in the Hudson Valley communities such as Kingston (population ~24,000). In addition to known PFAS water contamination issue, residents living in the City of Newburgh (population ~28,000) have potential concerns about poor air quality from industrial operations e.g., Danskammer Generating Station.

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The proposed study will seek to address indoor and near-field outdoor exposure and public health risk across urban and rural communities. The project will provide benefits to these communities by using near real-time air toxics data, time-integrated air toxics, and emerging contaminants as well as bioaerosols and share information through knowledge translation activities to engage them in education and trust building. Through indoor air quality monitoring with intervention measures (two-time visits before and after intervention) in at least 65 homes (out of 85) among communities, the study will ensure their meaningful participation with respect to design, planning and performance of the project. The underserved community will benefit from study results, improve their knowledge, raise awareness and become empowered to take actions to reduce exposure from indoor air pollutants and reduce health care costs by improving indoor air quality and health.

1c. Organization's Historical Connection to Underserved Community

UAlbany has a long history serving underserved communities. UAlbany's Institute of History and Public Engagement worked with the Capital District YCMA under the Healthy Historic Walking Path project in 2014 and developed a series of self-guided walking tours through a number of Albany neighborhoods - including the underserved community South End. The School of Social Welfare supported at-risk members of the community and explored critical social issues including violence, substance abuse, youth opportunity and minority health disparities including mental health interventions in underserved populations. The School of Public Health (SPH) has a strong historical connection to underserved community through addressing disparities in health and mental health outcomes for underserved populations. SPH's recent efforts under the Health Resources and Services Administration (HRSA) grant enhance the public health workforce, with a special focus on preparing individuals to address health disparities and social determinants of health, especially in underserved populations. To incorporate diversity and inclusion in innovative ways in research, teaching and learning, UAlbany's Department of Environmental and Sustainable Engineering (PI Bari) carried out an exploratory study (July 2021–June 2023) under Strategic Allocation of Resources (StAR) program to improve indoor and outdoor air quality in diverse communities including Environmental Justice neighborhoods in the Capital District and Hudson Valley Region. In a recently funded EPA's Enhanced Air Quality Monitoring for Communities' (Bari et al., 2023; start: June 1, 2023), the PIs will work with Environmental Justice communities and promote sustainable air quality in NYS Capital District, Hudson Valley Region, and New York City in and near underserved neighborhoods.

The proposed study will facilitate the community-driven participation to monitor indoor air quality across urban and rural areas including underserved neighborhoods. The underserved community's residents and/or non-profit organizations will be involved in developing the project plan e.g., assist in planning and designing indoor/outdoor air monitoring, home recruitment, provide community data and resources to help researchers interpret with the community context, assist in arranging community meetings/webinars for educating the community and raising awareness about air quality issues.

Bard College's Community Sciences Lab has been conducting community-based air quality science with communities in Ulster and Dutchess Counties for the past 3 years. They have partnered with Hudson Valley Air Quality Coalition and the Kingston Emergency Food Collaborative to provide indoor air quality and water quality testing and short-term interventions in 20 living spaces in emergency and subsidized housing to date. This work is conducted in full

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partnership with residents and community leaders, and has resulted in the Bard CSL streamlining testing and reporting as part of its research process.

1d. EJCPS Model

The project will utilize at least five out of seven elements of the EJCPS model (Fig. 1) to improve indoor air quality across underserved neighborhoods. To date, the PIs have measured indoor air quality in at least 50 homes in urban and rural areas including underserved neighborhoods and have already accomplished several EJCPS model elements in the study regions e.g.,

1. Issue identification, community vision and strategic goal-setting
2. Community capacity building and leadership development
3. Multi-stake holder partnership and leveraging of resources

Under the recently funded EPA's Enhanced Air Quality Monitoring for Communities' project (Bari et al., 2023) starting from June 1, 2023, the PIs will also implement following other elements e.g.,

4. Constructive engagement with other stakeholders.

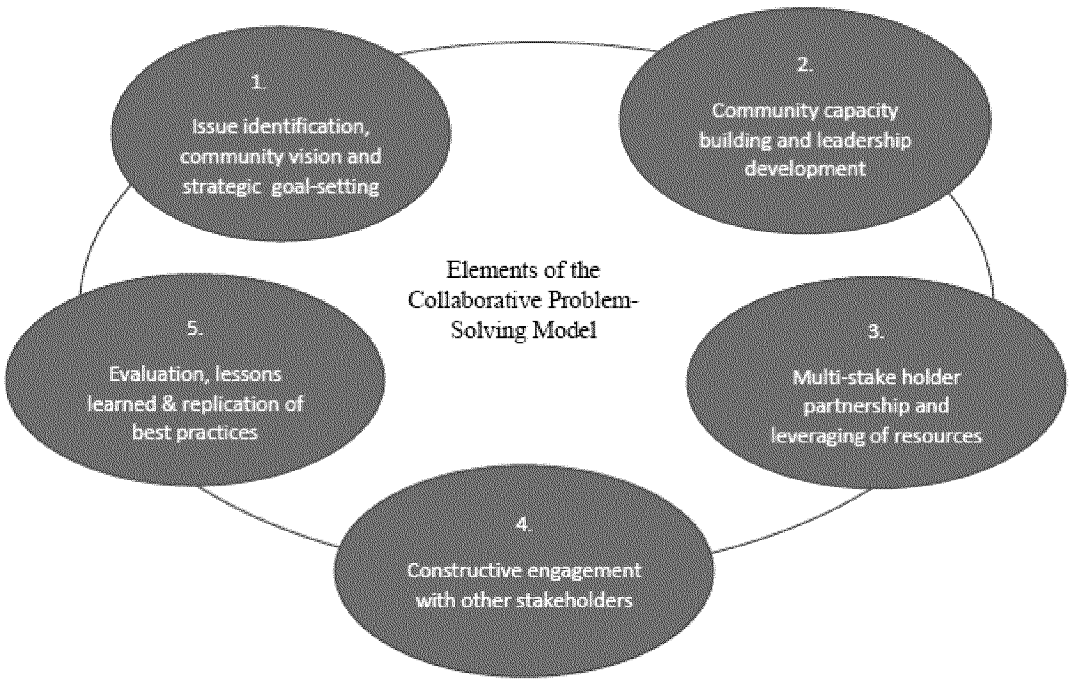

Fig. 1. Elements of the EJCPS model

1e. Project Linkages

The major goal of the proposed study is to improve indoor and outdoor air quality in diverse communities and neighborhoods in the Capital District, North Country including one tribal land and Hudson Valley Region in New York State with a view to having the right for general public to inhale clean air, irrespective of race, ethnicity, and socio-economic status. The project will therefore support EPA Strategic Plan Goal 2, Objective 2.1 to promote Environmental Justice and Civil Rights particularly at the State, tribal and local levels.

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1f. Partner and Collaborate

Under the EPA's Enhanced Air Quality Monitoring for Communities' project (Bari et al., 2023), the PIs have already made partnerships with different community organizations, city government and Conservation Advisory Councils to promote sustainable air quality among underserved communities in the study region. For this Environmental Justice Collaborative Problem-Solving (EJCPS) project, the PIs will continue to make and strengthen diverse partnerships at the community level to achieve the project's goals and objectives.

List of Project Partners: The project will accomplish its goals through use of appropriate and diverse partnerships from multiple stakeholder groups as follows:

1. Academic: Bard College Community Sciences lab
2. Industry: Entanglement Technologies Inc.
3. Non-profit organizations
   i) Hudson Valley Air Quality Coalition (HVAQ)/Citizens for Local Power (CLP)
   ii) Mid Hudson Energy Transition-MHET
   iii) AVillage Inc.
4. Tribe: St. Regis Mohawk Reservation (partnership under development)

Planned roles and activities of each partner:

Bard College:

Through the Community Sciences Lab, which is part of the Center for Environmental Sciences and Humanities (CESH), Bard College will perform the following tasks as part of this proposal:

- At all locations, support and interpret bioaerosol sampling (bacterial and fungal).
- In partnership with the Hudson Valley Air Quality Coalition (HVAQ), assist in neighborhood selection/home recruitment in the Hudson Valley.
- In the Hudson Valley (Kingston, Newburgh, Poughkeepsie, Catskill, Ellenville), conduct intervention study (as outlined in the section 2. Project Activities) with 50 site visits (25 houses visited before and after intervention).
- Involve undergraduate student interns in microscopic observations of aerosol particles in Hudson Valley homes.
- Support data collection and help researchers to interpret with a clear community context (in partnership with HVAQ).
- Assist in educating the community and raising awareness about indoor and outdoor air quality issues.

Entanglement Technologies Inc.:

Entanglement Technologies will support this project by providing the requisite equipment AROMA-VOC analyzer for monitoring air toxics and methane at indoor homes and for mobile hotspot identification across underserved neighborhoods throughout the duration of the project. They will also provide support to guide data management and processing and assist with data analysis for the indoor and mobile monitoring study in order to facilitate the successful execution of the research goals.

Community partners (non-profit organizations):

- Assist in conducting questionnaire surveys and to understand community needs and concerns and conducting polls for feedback to understand community priorities
- Assist in planning and designing indoor air quality monitoring, home recruitment
- Provide community data and resources to help researchers interpret with the community context

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- Assist in arranging community meetings/webinars for educating the community and raising awareness about air quality issues
- Assist in measuring performance of the project

The subawardee Bard College has a vested interest in working with this partnership with the RFSUNY at UAlbany. Indoor air quality is a pressing issue in the Hudson Valley Region, particularly in communities with older buildings and increasing dampness due to flooding, climate change, and other building structural issues. For the past three years, the Bard Community Sciences Lab has been working in tandem with community groups (Hudson Valley Air Quality Coalition, Communities for Local Power, Mid-Hudson Energy Transition) and community and elected leaders to address growing concerns about indoor air quality in Hudson Valley housing (both urban and rural). Starting in emergency housing (motels) in Ulster County, Bard College partnered with Kingston Emergency Food Collaborative to support residents in understanding their air quality and managing their often moldy and close conditions with air purifiers. Bard College has since expanded their work into subsidized housing and low-income rental units, and partnered with SUNY-Albany researcher (PI Bari) to more deeply investigate the chemical and biological challenges to air quality in housing throughout the Hudson Valley and Capital Region of New York. The funding from the EPA with this proposal would help take this collaborative research further, in that it would be possible to continue the study beyond the protective measures, to be able to return to the home and sample after those measures have been taking to ensure that air quality has been mitigated, at least in the short-term. Additionally, Bard College is crafting a partnership with organization like Communities for Local Power and Mid-Hudson Energy Transition who will then work to connect residents with air quality issues to funds/efforts to maintain and sustain these relationships and to remediate degraded housing conditions for long-term benefit. The PIs will plan to maintain and sustain these relationships into the future through attending monthly meetings of the community organizations to get updates and community concerns and potential future citizen science monitoring across underserved neighborhoods.

Fig. 2. Shows community engagement plan to understand how we engage with and develop partnership with identified and targeted communities to effectively perform the project.

Increasing levels of engagement

Variable	Definition	Activities
Shared leadership	formed strong partnership structures and final decision-making is at the community level	- create forums to bring community leaders together to consider air quality issues - enable and empower community leaders to make a decision
Collaborate	increased community involvement, bi-directional communication and formation of partnership with community on each aspect of project from development to solution	- use web-based engagement processes (facebook, twitter) to exchange views - conduct knowledge translation activities (monthly/quarterly meeting with community partners) to engage community towards trust building - co-design and plan ideas and solutions with community members - organize online/in-person training workshops for discussions and facilitate deliberation
Involvement	better community involvement with participatory form of communication	- provide opportunities for community scholars and citizen science researchers by deploying sensors - collect data and analyze them with regards to community context - discuss and review findings with community members to help them make informed decisions
Consultation	more community involvement to seek answer and get feedbacks from the community	- conduct questionnaire surveys to better understand community needs and concerns - conduct polls for feedback to understand community priorities - leverage community partner tools and select the champions from community
Outreach	limited community involvement to provide information to community	- reaching out to underserved community champions, leaders, faith-based leaders, federal, state and local agencies, advocates and concerned residents to increase awareness about air pollution.

Fig. 2. Community engagement continuum

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2. Project Activities/Milestone Schedule

2a. Project activities

The following section outlines the research design, methods and techniques that have been proposed to meet the objectives stated above.

2.1. Determine heterogeneity in indoor and outdoor air toxics at urban and rural neighborhoods

To enhance understanding of community-specific near-field air quality exposure (indoors: living room, outdoors: home backyard/porch), a community indoor and outdoor air quality monitoring will be performed in urban and rural communities including underserved neighborhoods in NYS Capital District, North Country and the Hudson Valley Region (Fig. 3). At residential neighborhoods, indoor and outdoor sampling will be conducted in 4-6 homes and/or apartments in each neighborhood to collect data from at least 85 homes (Capital District and North Country= 60 homes; Hudson Valley Region= 25 homes) over a 2-year period across neighborhoods including underserved communities. An intervention study will be performed, where two visits (before and after intervention measures with air purifiers) are planned at least 40 homes in the Capital Region and North Country and 25 homes in the Hudson Valley Region. Based on environmental and public health concerns (e.g., PFAS contamination, wood burning, mold issue), some urban and rural communities were selected in the Capital Region (Albany South End, Cohoes, Schenectady, Voorheesville, Hoosick Falls, Petersburgh), North Country (Fort Drum, St. Regis Mohawk Reservation). and in the Hudson Valley Region (Kingston, Poughkeepsie, City of Newburgh, Catskill, Ellenville).

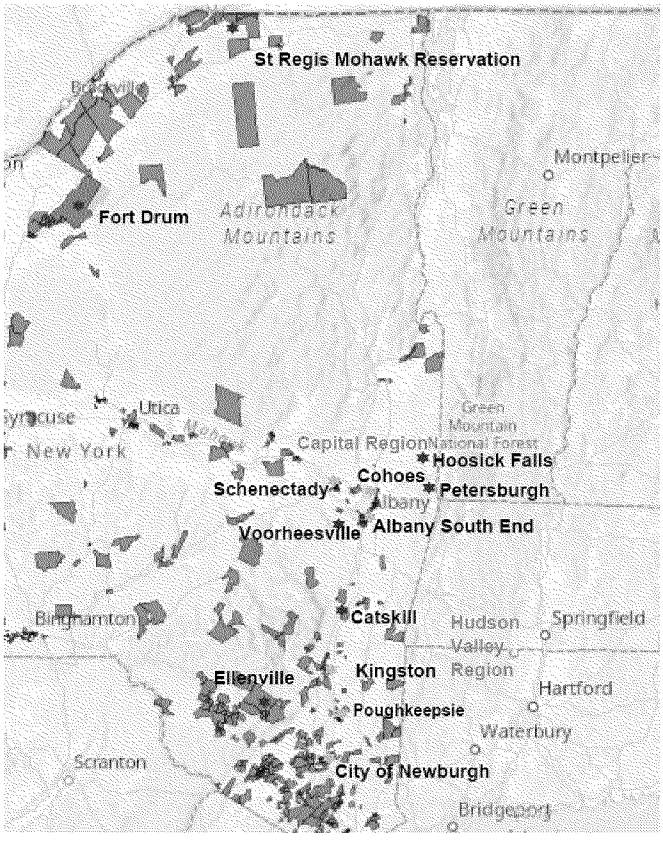

Fig. 3. Some selected neighborhoods in the Capital District, North Country and the Hudson Valley Region (urban: orange star, rural: red star, shaded areas are Environmental Justice neighborhoods)

The homes will be selected randomly based on a priori hypothesis that age of home would impair the indoor air quality. A single stage stratified sample design (USEPA, 2002) will be used for the study by selecting neighborhoods with different average age of housing stock and socioeconomic status. Indoor measurements will be taken at a breathing height of approximately 1.5 m within the family or living room. Outdoor sampling will be performed in the backyard (where available) and as far away from any combustion sources e.g., barbeques, automobiles, and other localized outdoor sources as possible.

Data on air exchange rate, relative humidity, temperature, and questionnaire-based housing characteristics, and occupants' activities will be collected at each home. To identify potential sources of indoor residential exposure and factors that may influence pollutant concentrations, two

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different types of questionnaires will be completed. A baseline questionnaire will be administered to the participants to obtain information on housing characteristics such as age and type of home, cooking system, ventilation system, renovations etc. A daily questionnaire will be completed by all home participants for every corresponding measurement period to obtain information on daily activities such as cleaning and cooking, opening of windows, use of exhaust fan, use of air conditioning, presence of pets etc. Air exchange rate, AER (h^{-1}) will be determined in the living room of each home/apartment using CO_2 as a tracer gas (Cui et al., 2015).

2.1.1. High resolution sampling of air toxics and methane

To measure real-time indoor and outdoor concentrations of hazardous air pollutants or air toxics, a recently developed precision chemical vapor analyzer AROMA-VOC (Entanglement Technologies, San Bruno, CA) will be used through speciated analysis mode (in ppt sensitivity, Table 3). The analyzer is a combined thermal desorption unit and cavity ringdown spectrometer (CRDS). The project will also measure real-time concentrations of methane (CH_4, measurement range: 2 ppb-20 ppm), through rapid scan mode in ppb sensitivity using CDRS. AROMA-VOC analyzer has been recently used for ambient air toxics measurements in North Carlina (Bhandari et al., 2022) and kitchen pollutants study in California and Australia to measure VOC emissions from indoor sources of natural gas (PSE Healthy Energy, 2023; Tay, 2022). A LiFeBlue Battery (300AH, Model LB12300D) will be used to run the analyzer for at least 6-8 hours per day during the sampling week.

Table 3. List of species to be measured using AROMA-VOC analyzer

Pollutants/parameters	Residence time	Limit of detection
Speciated analysis mode		
Benzene	10-min	< 10 pptv (0.03 µg/m^3)
Toluene	10-min	< 50 pptv (0.15 µg/m^3)
Ethylbenzene	10-min	< 100 pptv (0.45 µg/m^3)
Xylenes	10-min	< 100 pptv (0.45 µg/m^3)
1,3-butadiene	10-min	< 200 pptv (0.55 µg/m^3)
Styrene	10-min	< 500 pptv (0.21 µg/m^3)
Trichloroethylene (TCE)	10-min	< 50 pptv (0.10 µg/m^3)
1,1-dichloroethylene	10-min	< 500 pptv (2.0 µg/m^3)
1,1,2-trichloroethane	10-min	< 500 pptv (2.7 µg/m^3)
Chlorobenzene	10-min	< 500 pptv (2.3 µg/m^3)
Acrolein	10-min	< 200 pptv (0.55 µg/m^3)
Isoprene	10-min	< 100 pptv (0.30 µg/m^3)
1,2-cis-Dichloroethylene	10-min	< 100 pptv (0.40 µg/m^3)
Rapid scan mode		
Ethylene Oxide	5-sec	10 ppb
Methane (CH_4)	5-sec	2 ppb



Fig. 4. AROMA-VOC analyzer (18" w x20" h x 23" d)

In this study, VOC air sampling will be performed at least for 1-hr in 4-6 homes in each neighborhood before and after intervention measures. Data on meteorological parameters e.g., wind speed, wind direction will be also collected at each neighborhood using 3D Ultrasonic Anemometer (Young 81000).

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2.1.2. Cost-effective passive VOC sampling

The study will use passive sampling approach and conduct 24-h VOC sampling using SKC 575 passive samplers indoors at each neighborhoods (4-6 homes) in the study regions and follow the schedule of the EPA VOC/air toxics monitoring network for urban areas. Both indoor and outdoor 24-h sampling will be also conducted at least one home in each neighborhood. This will assist in understanding the extent of neighborhood air toxics levels compared to urban exposure. The study will analyze at least 46 speciated VOCs (Table 4), which includes important volatile chemical products (VCPs) such as ethanol, methyl-t-butyl ether (MTBE), methyl ethyl ketone (MEK), ethyl acetate, methyl isobutyl ketone (MIBK), and n-butyl acetate. Recent findings from the National Oceanic Atmospheric Administration (NOAA) have identified VCPs from residential sectors including pesticides, coatings, adhesives, cleaning agents, etc. are emerging as a major source of vapor emissions in the U.S. cities, contributing 78% of anthropogenic VOC emissions in NYC during 2018 and attribute to summertime ozone (O_3) and secondary organic aerosol (SOA) formation (McDonald et al., 2018; Ghatzelis et al., 2021). The indoor and outdoor measurements of VCPs will further assist in understanding the contribution of VCP-related sources from residential sectors in NYS.

Table 4. A suite of 46 VOC species (including 20 HAPs) for passive VOC analysis

No.	List of groups and species	No.	List of groups and species
	Aromatics		**Halogenated VOCs**
1	Benzene*	31	Dichloromethane*
2	Toluene*	31	Chloroform*
3	Ethylbenzene*	32	Carbon tetrachloride*
4	(m+p)-Xylene*	33	1,2-Dichloroethane*
5	o-Xylene	34	Trichloroethylene (TCE)*
6	Styrene*	35	Tetrachloroethylene*
7	1,3,5-Trimethylbenzene	36	Cumene (isopropylbenzene)*
8	1,2,4-Trimethylbenzene	37	1,1,2,2-Tetrachloroethane*
9	1,2,4-Trichlorobenzene	38	Pentachloroethane
10	Naphthalene*	39	1,3-Dichlorobenzene
	Alkanes	40	1,4-Dichlorobenzene*
11	Pentane	41	1,3-Diethylbenzene
12	Hexane*	42	Hexachloroethane*
13	Heptane	43	1,2,3-Trichlorobenzene
14	Octane		**Terpenes**
15	Decane	44	α-Pinene
16	Dodecane	46	d-Limonene
17	Tetradecane	46	p-Cymene
18	Hexadecane		
19	2,2-Dimethylbutane		
20	2-Methylhexane		
21	2-Methylheptane		
22	2,2,4-Trimethylpentane*		
	Oxygenated VOCs		
23	Ethanol		
24	iso-Propyl alcohol (IPA)		
25	Methyl ethyl ketone		
26	Methyl t-butyl ether (MTBE)*		
27	Methyl isobutyl ketone (MIBK)*		
28	Ethyl acetate		
29	n-Butyl acetate		

*EPA hazardous air pollutants or air toxics

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Several statistical approaches e.g., non-parametric tests such as, Wilcoxon Signed Ranks test, Kruskal-Wallis ANOVA on Ranks), correlation coefficient, and coefficient of divergence (COD) will be used to determine spatial heterogeneity in indoor and outdoor air toxics among different neighborhoods in the Capital Region, North Country and the Hudson Valley Region. An interpolation method, inverse distance weighting (IDW) will be also applied to measured air pollutants to elucidate the spatial variation and distribution of pollutant concentrations. This will further assist in determining the areas impacted by the specific pollutants across residential neighborhoods in the study regions.

2.2. Measure bioaerosols at urban and rural neighborhoods

2.2.1. Hudson Valley Region

In the Hudson Valley Region, mold is a known issue across communities. Decaying building materials, including fiberglass, gypsum, plaster, and wood shed aerosol particles that can build up in high concentrations inside homes. Mold and bacteria can proliferate in damp conditions, and may give off particles (spores, endotoxins, beta-glucans) that increase respiratory inflammation and exacerbate chronic asthma.

While we are conducting research that will be globally relevant, we are involving the local community and residents in these homes directly in the assessment of chemical and biological air quality hazards. The residents who invite us to assess their homes and participate in our research often are our best source of new study recruits and important environmental and health-related context. While most research studies deploy instruments, gather data, and then leave, with report-backs to participants being sparse or sometimes non-existent, using our unique tools for sampling and analysis in the lab we are able to report back to residents within days, allowing them to take protective measures (install air purifiers, notify landlords, report to doctors).

Details for our proposed work are as follows:

1. Outreach and screening: through our community partnerships, interested residents reach out to the Community Sciences Lab (CSL). CSL staff connect with them in person, go over the research study we are conducting, all IRB-required documents, and sign consent forms, schedules a date for Visit 1.
2. Visit 1:
   a. Residents fill out a questionnaire (health and building observations, etc.)
   b. Research team takes air quality measurements ($PM_{2.5}$, RH, Temperature) throughout the home, also use bioslides to take samples from potential aerosol particle sources.
   c. Building Inspector checks all safety aspects, including gas connections, CO outlets, VOC's, structural integrity, dampness and moisture
   d. Air samples (300 lpm, 30 mins vacuum sampling into sterile water) are taken in 2-3 high-traffic areas of the house (including any rooms that are identified by the resident as "problematic" for respiratory issues
   e. To evaluate comprehensive mold and bacterial aerosols in the home, as per Meklin et al. 2007), dust samples are collected from throughout the home using a swiffer cloth.
   f. If mold or other air quality challenges are identified on-site, these are addressed (e.g. calling gas company to fix leaks, writing up information about faulty CO intrusions),
   g. After sampling is complete, air purifiers are deployed, and if mold has been identified through visual inspection, plans are made to bring in professional cleaning service.
   h. Air samples are taken outside simultaneously ($PM_{2.5}$, RH, Temperature, vacuum sampler)

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3. In the lab
   a. Aliquots from the vacuum samples are analyzed for endotoxins (eu/m3 air) and beta-glucans (pg/m^3 air) using the Endosafe-PTS Charles River system.
   b. Aliquots from the vacuum samples are run through a FlowCam imager, producing imagery from every particle above ~2 um from air sampler.
   c. Staff and trained students inspect, characterize, and capture imagery from the bioslides for later identification and comparison with FlowCam imagery.
   d. Dust samples are processed for service lab analyses of mold and bacterial presence and identification. This qPCR method uses the MS-qPCR approach, as established by the EPA (Vesper et al, 2011).
   e. A report outlining findings is created by lab staff and sent to residents within 30 days of Visit 1.
4. Visit 2 (60 days after Visit 1):
   a. All measurements from Visit 1 are repeated and compared to Visit 1 findings.
   b. Another report is issued to the resident, alternative plans are made if no change.
   c. In all cases, long-term remediation, if needed, is explored through partnerships with organizations like HVAQ and MHET

2.2.2. Capital Region and North Country

The study will also perform bioaerosol monitoring (endotoxin and glucan) across underserved communities in the Capital Region and North Country. Sampling will be done during the visit 1 (day 1 of the sampling week) before the intervention. After sampling, participants (40 out of 60 homes) will be asked to run air purifiers for a week. Sampling will be also done during the visit 2 (day 7 of the sampling week) to find any changes due to intervention measures.

2.3. Determine heterogeneity in indoor and outdoor emerging contaminants

To characterize spatial variation of emerging contaminants such as per- and poly-fluoroalkyl substances (PFAS), time-integrated weekly air samples will be collected on glass fibre filters indoors in at least 4 homes of each neighborhood using Harvard Impactors (Air Diagnostics and Engineering, Inc.) and SKC Leland Legacy pumps (SKC, Inc.). Outdoor air samples will be also collected from at least one home in each community. Dust samples will be collected from all homes (before and after intervention measures) using a Eureka Mighty Mite (Model 3670) vacuum cleaner. Collected air and dust samples will be analyzed for at least 41 PFAS compounds using LC-MS-MS (Agilent 6470 triple quadrupole MS coupled with 1290 UHPLC) at UAlbany lab.

2.4. Determine plume tracking and pollution hotspots across communities

Air pollutants are ubiquitous in both indoor and outdoor environments and indoor air quality can be highly affected by outdoor air pollution. Outdoor air pollutants can infiltrate into buildings through open doors, open windows, ventilation systems, and cracks in structures. This highlights the importance of assessing outdoor air quality exposure across underserved neighborhoods. In recent years, the use of mobile monitoring approaches with high precision analyzers has shown a great promise for high spatial resolution for determining air toxics and methane emissions in urban areas and oil and gas development as well as in landfill sites (Ars et al., 2020; Jakober et al., 2015). Mobile monitoring is increasingly used to determine fine-scale high resolution pollution mapping

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for identification of unexpected sources of exposure disparity across communities (Kumar et al., 2021).

In this study, a mobile measurement platform will be developed on a mini-van or pick-up truck by outfitting with a suite of research grade instrumentation (Table 3) and low-cost sensors (Table 5, available in PI Bari's lab) to collect measurements of HAPs or air toxics (10 min resolution), climate forcing agents e.g., CH_4 (5-sec resolution), black carbon, CO_2 and other pollutants as well as meteorological parameters and global position information at 2-sec resolution. The calibration and validation of low-cost sensors have been done in our other studies (Bari et al., 2022; Miller et al., 2022).

Table 5. Target pollutants and sensors to be used for mobile monitoring

Type of sensor unit	Target sensors	Manufacturer and part number	Method	Sampling frequency	Limit of detection
Multipollutant monitor (MPM)	PM_1, $PM_{2.5}$, PM_{10}	Plantower PMSA003	Optical particle counter	2-sec	1 µg/m^3
	O_3	Alphasense OX-A431	4-electrode electrochemical	2-sec	1 ppb
	NO_2	Alphasense NO2-A43F	4-electrode electrochemical	2-sec	1 ppb
	CH_4	Figaro TGS 2600	Metal oxide resistance	2-sec	*
	H_2S	Alphasense H2S-A4	4-electrode electrochemical	2-sec	5 ppb
	SO_2	Alphasense SO2-A4	4-electrode electrochemical	2-sec	15 ppb
	CO_2	Alphasense IRC-A1	Infrared, pyroelectric	2-sec	*
	RH, T	Sensirion SHT25	Infrared, pyroelectric	2-sec	0-100%, 0-120°C
DUET sensor (TelosAir)	TVOC	sgp30	Metal oxide resistance	2-sec	1 ppb
	CO	Alphasense CO-A4	4-electrode electrochemical	2-sec	20 ppb
	RH, T	Sensirion SHT25	Infrared, pyroelectric	2-sec	0-100%, 0-120°C
Black carbon detector (ObservAir, DST)	Black carbon	ObervAir (DST)	aerosol absorption	2-sec	0.05 µg/m^3
	O_3	Alphasense OX-B431	4-electrode electrochemical	2-sec	15 ppb
	NO_2	Alphasense NO2-B43F	4-electrode electrochemical	2-sec	15 ppb
	RH, T	Sensirion SHT3x	Infrared, pyroelectric	2-sec	0-100%, 0-120°C

*below background concentrations

We will perform mobile monitoring of air toxics, CH_4, ethylene oxide, and other air pollutants for two weeks in Winter, two weeks in Summer and one week each in Spring and Fall over 1-year period to get an overview of seasonal variability in air concentrations across underserved neighborhoods. The mobile measurement platform will be used for "plume-tracking" to identify areas of elevated concentrations of air toxics/VOCs, climate forcing agents, and other air pollutants in the vicinity of known emission sources across communities. At first the mobile van/truck will be stationed at a location upwind of the emission sources to collect the measurement of background concentrations of air pollutants. A suitable stationary downwind location will be also selected based on the highest concentrations observed, and instruments will be operated for several hours to obtain quantitative data for comparison. To identify potential influences by emission sources, mobile vehicle will be also driven at a minimum speed within 5-10 km surrounding the known emission facilities.

To investigate spatial variation in pollution exposure at hyperlocal (~100 m), local (~1 km), and between neighborhoods (> 5 km), we will also conduct mobile monitoring as complementary measures during the indoor/outdoor monitoring period across neighborhoods in the study regions through driving along neighborhood streets, block-by-block, and across communities. The study will identify pollution hotspots and assess disparities in outdoor air pollution exposure among residents of different races and ethnic groups by measuring high-resolution observations of air

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pollutants. Both relatively low-cost and research grade monitors (existing in PI's lab) for indoor microenvironments will be used to monitor black carbon (ObservAir, MicroAeth), ultrafine particles (P-Trak Ultrafine particle counter, model 8525, TSI), nanoparticles (Partectors, Naneos), $PM_{2.5}$ (p-DR 1500), CO/CO_2 (Q-Trak Indoor Air Quality Monitor, model 7575, TSI), O_3 (Aeroqual S500) and TVOC (DUET, TelosAir). Air pollution exposure and in-car environmental parameters (ventilation rate, temperature, relative humidity) will be evaluated under different ventilation settings e.g., windows open, air conditioning on ambient air intake mode and air conditioning on recirculation mode. Measurements will be taken at each selected underserved neighborhoods at different times of the day (morning, afternoon, evening), week (weekday/weekend), and seasons to capture the temporal variation. The dataset will be analyzed to characterize the spatiotemporal variations in pollutant concentrations, inter-pollutant correlations, determine pollution hotspots and racial/ethnic exposure disparities across neighborhoods.

2.5. Identify indoor-generated and near-field outdoor sources

A multivariate receptor model positive matrix factorization (PMF) model, USEPA version EPAPMF 5.0 will be applied to identify and apportion sources of VOCs including air toxics and PFAS. PMF model will be applied separately to passive VOC data and time-integrated weekly PFAS air samples to identify indoor sources of VOC and PFAS in neighborhood communities. The combined dataset of before and after intervention measures will be used to understand the effects of intervention study. In this study, a combined dataset of VOCs species from 24-h passive sampling and 1-hr real-time measurements (AROMA-VOC) and CH_4 will be used as the input data for the PMF analyses, which can aid in enhanced understanding of the extent of sources in the study regions. Kuwayama et al. (2019) used a similar approach of combining datasets of CH_4, CO_2 and VOC species in PMF model for source apportionment of ambient methane enhancements in Los Angeles, California.

2.6. Identify local source impacts

To test the hypothesis that outdoor air toxics and emerging contaminants have strong signal from local nearby sources, a source directional tool, conditional bivariate probability function (CBPF) (Uria-telelaetxe and Carslaw, 2014) will be applied. This approach can provide information on the nature of local emission sources and potentially identify contributions from different source types through their wind speed dependence.

2.7 Determine health risks of indoor air toxics and emerging contaminants

To assess the potential public health risk posed by exposure to VOCs and PFAS and associated sources, a deterministic screening human health risk assessment will be performed using both of the inhalation and ingestion exposure pathways. For assessing public health risks associated with long-term (chronic) and short-term (acute) inhalation exposures, dose-response criteria of the United States regulatory agencies have been used in several studies to screen ambient concentrations of hazardous air pollutants (e.g., Bari et al., 2017) Source-specific risk estimates may add valuable information for understanding potential control strategies for particular sources (Liao et al., 2015).

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2. b. Milestones schedule

Table 6. Timeline and milestones of the proposed project

Milestones/Quarter	Year 1				Year 2				Year 3			
	1	2	3	4	5	6	7	8	9	10	11	12
Milestone 1 Determine heterogeneity in indoor air toxics												
Capital District/North Country												
Hudson Valley Region												
Milestone 2 Community engagement												
Community meetings												
Milestone 3. Bioaerosol monitoring												
Milestone 4 Determine heterogeneity in emerging contaminants												
Milestone 5 Determine plume tracking and pollution hotspots												
Milestone 6 Source apportionment-receptor modeling												
Milestone 7 Determine local source impacts												
Milestone 8 Screening health risk assessment												
Milestone 9 Final Report												
Milestone 10 Journal manuscripts												

2. c. Itemized Budget Sheet / Budget Narrative (see section 7)

3. Environmental Results – Outcomes, Outputs and Performance Measures

3a. Environmental results (logic model) (see section 7)

Table 7. Outputs and outcomes of the proposed project

Resources/ inputs	Activities	Outputs	Audience	Short-term Outcomes (6-12 months)	Intermediate Outcomes (12-24 months)	Long-term Outcomes (2+ years)
• Staff time • Graduate and undergraduate students • Community partners • Industry • Volunteers	• Determine heterogeneity in indoor and outdoor air toxics at urban and rural neighborhoods • Measure bioaerosols at urban and rural neighborhoods • Determine heterogeneity in indoor and outdoor emerging contaminants • Determine plume tracking and pollution hotspots across communities • Identify indoor-generated and near-field outdoor sources • Identify local source impacts • Determine health risks of indoor air toxics and emerging contaminants	• At least 6 urban and 6 rural community assessments will be performed. • At least 85 homes (two visits in 65 homes before and after intervention) will be reached. • At least 25 homes will be assessed for mold issues. • high precision real-time data of air toxics (10-min) and methane (5-sec) from indoor and mobile monitoring • 155 bioaerosol (endotoxin, glucan) samples, 130 passive VOC 24-h samples, 85 weekly PFAS air samples, 170 PFAS dust samples • 85 resident participants in a survey to identify community needs • Community participants' report to 85 individuals • Promotion of community engagement	• Community residents • Community organizations • Industry • City, state, local government • universities	• Increased in number of residents aware of indoor air quality issues • Increased trust and working relationship • Increased access to information and tools for understanding reduction of indoor air pollution and public health risks • Increased knowledge and understanding of near-field (indoors, outdoors) air pollution sources • Increase in number of local stakeholders committed to project and addressing communities indoor air quality issues	• Increased critical thinking ability and decision making about air quality issues • Community neighborhoods start making decisions to improve air quality • Specific actions and/or practices are adopted by communities to improve air quality • Assessment of actions to improve indoor air quality • Increase in number of residents that use air purifiers to reduce indoor air toxics and other pollutants	• Improved understanding of outdoor and indoor air quality issues • Improved environmental stewardship and community action to reduce air emissions • Reduction of indoor air concentrations and human exposure to certain pollutants. • Reduction in asthma-related hospital visits due to intervention measures. • Reduction of asthma rates among community residents

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3b. Performance Measures and Plan

The PIs plan to initiate a number of approaches to increase the likelihood that the project will proceed on schedule and ensure the timely and efficient expenditure of grant funds.

Setting up clear expectations for performance

- Make sure about contract detail e.g., performance timelines, interim milestone, expected short-term, medium-term and long-term project outcomes.
- Set up expectations for reporting and accounting with partners
- Provide suggestions and share best practices to help partners administer and implement their activities efficiently.

Monitoring project implementation and spending

- Check from time to time to oversee overall program spending.
- Evaluate progress by reporting on spending at project/stakeholder meetings.
- Develop expenditure schedules, review them quarterly and follow up on discrepancies.
- Monitor partners' performance and progress and provide technical assistance if needed.
- Explain subawardee about the importance of timely performance and how their spending contributes to the PI's overall performance.

3c. Sustainability Plan and Community Vision

The PIs plan to utilize the findings of this project to achieve community's goals and objectives. For example, different activities and initiatives including community reporting will benefit general people to gain 1) increased knowledge and understanding of indoor air quality issues, 2) increased community awareness, 3) increased accessed to information, 4) enhanced understanding of sources of indoor and outdoor air pollution and reduction of human health risk, 5) increased environmental stewardship and community action to reduce air emissions, and 6) reduction of indoor air concentrations and human exposure to certain air pollutants.

The PIs will plan to maintain and sustain these relationships into the future through attending monthly/quarterly meetings of the community organizations to get updates and community concerns and potential future citizen science monitoring across underserved neighborhoods. Through the project activities, the PIs will will bring together residents of different neighborhoods in the Capital Region, North Country and the Hudson Valley Region including urban and rural Environmental Justice (EJ) communities, to develop a community indoor air quality program which will serve as a model for other U.S. States and can be applied to other U.S. neighborhoods.

This proposal is in direct response to community needs, questions, and demands regarding access to clean air. PI Bari's research lab and Bard Community Sciences Lab have been in direct communication with low-income and lower middle-class communities for the past 2 years through previous research. We have built community trust and supported community leadership development while also providing desperately-needed information and scientific support as residents attempt to navigate indoor and outdoor air quality issues. This community-based research record has created a strong foundation on which to build the proposed research. With ongoing collaborations with community partners such as AVillage, Outdoor Promise, HVAQ, etc, the research accomplished will result in long-term change – out science will inform future policy for organizations and state institutions working to better the health of communities in general. In NY State, clean air and water is considered a basic right. Our research will immediately plug into the infrastructure in NY State to realize this for all.

For instance, MHET is interested in incorporating indoor air quality testing before deployment of energy efficiency subsidies in Hudson Valley homes. They are very interested in learning more

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from the work proposed here to ascertain the best ways to both detect and mitigated (both short-term and long-term) air quality issues in homes. This constitutes a unique collaboration combining energy efficiency, climate change adaptation, and health enhancements for residents. For landlords and home owners, this research will allow for science-based decision-making regarding upgrades and climate retrofitting of properties that are otherwise deteriorating.

4. Programmatic Capability

4a. Organization Experience:

UAlbany has long experience and infrastructure related to the proposed project. UAlbany's Department of Geography and Planning, the School of Social Welfare and School of Public Health have experience in working with underserved communities to focus on community air quality, health disparities and social determinants of health. Under the Strategic Allocation of Resources (StAR) program, the Department of Environmental and Sustainable Engineering (PI Bari) has conducting an exploratory study (July 2021–June 2023) to improve indoor and outdoor air quality in diverse communities including Environmental Justice neighborhoods in the Capital District and Hudson Valley Region. In a recently funded EPA's EPA's Enhanced Air Quality Monitoring for Communities' (Bari et al., 2023; start: June 1, 2023), the PIs will work with Environmental Justice communities and promote sustainable air quality in NYS Capital District, Hudson Valley Region, and New York City in and near underserved neighborhoods.

4b. Staff Experience/Qualification of Project Manager (PM):

The Project Manager and PI Bari has more than 12 years of experience in assessing air quality issues in urban, suburban and rural areas at numerous locations across Canada (Alberta, Ontario) Europe (Germany, Cyprus), and the United States (New York). He was a leading researcher in the Health Canada funded indoor air quality study conducted in the Capital Region of Alberta (Edmonton) and investigated indoor and outdoor (backyard) air quality exposure among residential neighborhoods. He has undertaken long-term air quality trend analysis, multivariate receptor modeling (e.g., positive matrix factorization-PMF) and used a variety of advanced statistical approaches for interpreting and understanding characteristics and sources of air pollutants and associated public health risk over the past 12 years. The PI is currently leading indoor and outdoor air quality study (2021-2023, funded by UAlbany) for the Capital District and the Hudson Valley Region, where PI has built ties and connections with communities. PI is serving as a co-PI (PI Scott Miller) of a recently awarded project by the New York State Energy Research and Development Authority (NYSERDA) to design and deploy low-cost multipollutant air quality sensors at 37 sites in the New York City metropolitan area. The PI is also leading another recently awarded project by the U.S.EPA to promote sustainable air quality at underserved neighborhoods in New York State through low-cost sensor monitoring, integrated measurement, and community engagement. The PI is also serving as a co-PI (PI Jie Zhang) for another EPA project to build Capital District communities air quality measurement network across five schools using low-cost sensors and mobile measurements.

Co-PI Elias Dueker is an environmental microbiologist whose research focuses on microbial connections between water and air. This work has become key to supporting climate-associated scientific questions that communities are struggling with in real-time: are air and water quality linked? What happens when polluted waterways flood into homes? How do these flood events impact indoor and outdoor air quality once the waters recede? Eli has worked with Hudson Valley communities to support science-based management of air and water for the past 9 years. In 2014 he co-founded the Saw Kill Watershed Community, a science-based, water quality-focused

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community group which has shepherded local education and policy-making to protect access to clean water. This group has been monitoring water quality and climate influences with Bard College's Community Sciences Lab (CSL) continuously since 2015. In 2019, the CSL, under Eli's leadership, partnered with the City of Kingston to install a particulate monitoring station near City Hall as part of the Kingston Air Quality Initiative. In 2021, Eli and the staff of the CSL became founding members of the Hudson Valley Air Quality Coalition, which brings Community leaders together regularly to discuss indoor and outdoor air quality issues.

4c. Expenditure of Awarded Grant Funds:

The PI will monitor project implementation and spending through various ways:

- Check with finance manager time to time to oversee overall program spending.
- Evaluate progress by reporting on spending at project meetings.
- Develop expenditure schedules, review them quarterly and follow up on discrepancies.
- Establish a system for payment processing including timelines for processing invoice
- Monitor partners' performance and progress and provide technical assistance if needed.
- Pay attention to how the timeliness calculation works to determine timely funds expenditure.
- Explain subawardee about the importance of timely performance and how their spending contributes to the PI's overall performance.

The PIs and all partners will work together to make sure that funds are well-managed and spend in a timely manner to successfully achieve the goals and objectives of the project.

5. Past Performance

The PI Bari is an early career researcher, and he has no prior past performance information and/or reporting history under Federal agency assistance agreements.

The PI recently started NSF-IRES (International Research Experiences for Students) project (September 1, 2022-August 2025) - entitled "IRES Track I: U.S.-Bangladesh collaboration to improve air quality: Application of low-cost sensor technologies and satellite remote sensing" from September 1st, 2022 and no reporting information is available yet.

6. Quality Assurance Project Plan (QAPP) Information

The project will involve the collection of new data for air toxics, bioaerosols and emerging contaminants across urban and rural underserved communities in NYS. The project will require to develop a Quality Assurance Project Plan (QAPP) if selected for funding.

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1. **Other Attachments Forms**
   i. **Itemized Budget Sheet:**

Personnel – **Md. Aynul Bari**, PhD, Department of Environmental and Sustainable Engineering (ESE), University at Albany, State University of New York, is the Principal Investigator and he will supervise and lead all aspects of the project. Dr. Bari will devote Ex. 6 Personal Privacy (PP) of effort during the summer of each year of the project. In addition to overall project responsibility, the PI will supervise one gradate and one undergraduate student, and contribute to data analysis and interpretation, as well as dissemination of results and reporting. Dr. Bari's annual salary is projected at Ex. 6 Personal Privacy (PP) and the salary rate increases 2% each year. The total salary request is Ex. 6 Personal Privacy (PP)

Other Personnel – The budget includes one **graduate assistant (GA)** throughout all three years of the project during the academic year of each year ($63,718). The GA will work with the PI and devote 50% of time (20 hours per week) throughout all three years of the project. The GA will assist in conducting weekly field campaign for indoor air quality monitoring at urban and rural underserved neighborhoods, analyzing air toxics data and performing lab analysis of collected filters for emerging contaminants. The budget also includes one **undergraduate research assistant (URA)** during the academic year (10 hours per week) and the summer of Year 1 for 10 hours per week ($11,701). The undergraduate student will work closely with the PI and the GA to assist in indoor air quality monitoring and data screening and processing.

- **Fringe Benefits** – The proposed federally negotiated fringe benefit rates for The Research Foundation for The State University of New York, University at Albany are as follows: 14% in Years 1, 14.17% (weighted average of FY24 and FY25) in Year 2, and 14.5% in in Year 3 for faculty summer salary; 13% in Years 1, 13.50% (weighted average of FY24 and FY25) in Year 2, and 14.67% (weighted average of FY25 and FY26) in Year 3 for the graduate assistant; and 6% for all three years of the project for the undergraduate assistant. The fringe benefits include medical and dental insurance, retirement, workers compensation, disability insurance, and PTO.
- **Travel** – Travel costs of $11,398 are requested for domestic travel (Year 1: $5,350, Year 2: $3,524, Year 3: $2,524) for the entire project duration (three years). In Years 2 and 3, the PI or the graduate student will attend one domestic conference such as AGU Fall Meeting or AAAR (American Association for Aerosol Research ($2,524/person/trip: Airfare, $600; Registration, $585; Ground transportation, parking, and incidentals, $100; Lodging, $134 x 6 days = $804; M&IE, $79 x 4 days, $59.25 x 2 days = $434.50) to present research and establish future collaboration. Funds of $5,350 are requested to cover mobile monitoring and local travel. For mobile monitoring (5 weeks in total: 2 weeks in Winter and 1 week in each Spring, Summer and Fall), $4,150 are allocated for local mileage ($0.55 X 600 miles X 5 weeks) and mini-van/truck rental ($500/week) for real-time VOCs and methane measurements across neighborhoods using AROMA-VOC. For local transport, $1,000 are allocated in year 1 and 2 for indoor quality air monitoring for homes and community outreach efforts. A 2% increase for the travel costs are included in Years 2 and 3 to allow for inflation.
- **Equipment** – Funds of $107,100 are requested in Year 1 to purchase a recently developed real-time measurement technique AROMA-VOC (Entanglement Technologies, Inc., list price $126,000, 15% discount for academic research) for VOCs including hazardous air pollutants or air toxics and methane. This equipment will be used for indoor VOC monitoring and mobile hotspot identification across neighborhoods.

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- **Supplies** – Funds of $24,194 are requested in Year 1 to purchase endotoxin and glucan cartridges for bioaerosol monitoring, air purifiers, laptop, PFAS/VOC chemicals, vacuum cleaner with dust bags, glass fibre filters and copy papers as shown the Table below.

Item	Number	Unit cost	Total
Endotoxin cartridges	105	$40	$4,200
glucan cartridges	105	$45	$4,725
Air purifiers	50	$100	$5,000
Laptop	1	$1,500	$1,500
PFAS chemicals and lab supplies	-	-	$8,000
Vacuum cleaner	2	$82	$164
Dust bags	150		$200
Glass fibre filters	200		$200
Copy papers	30	$4	$120
Total supplies			$24,109

- **Contractual -** $15,000 is included to pay for the involvement of community partners. Funds of $18,980 are also requested for contract with labs to conduct tests for passive VOC samples (SKC 375 passive VOC samplers with lab analysis, @$146*130 = $18,980).
- **Other Direct Costs**

  Subawards: **Bard College** will participate in this project as a subawardee, and their total budget is $65,881. Through the community Sciences Lab in the Center for Environmental Sciences and Humanities (CESH), Bard College will provide technical and analytical support for the Hudson Valley communities (e.g., Kingston, Red Hook, Annandale-on-Hudson, Newburgh, Poughkeepsie), support bioaerosol (bacteria, fungal) sampling, conduct intervention study with 50 site visits (25 houses visited before and after intervention).

  Community meeting logistics: $3,600 is included ($1,200 in each year) to pay for community meeting logistics, which is necessary to identify and engage communities.

  Participants support: Upon completion of the study, the PI plans to provide $40 gift cards to 75 home participants, total cost of $6,000 for 75 homes, $3,000 in each of the first two years), to cover the power supply used and survey/questionnaires completed.

  Shipping: A total fund of $1,000 is allocated for shipping costs for supplies needed.

  Tuition: Tuition of $35,361 is included for one graduate student. Tuition covers 18 credits (9 credits per semester) at the out-of-state tuition rate with a 3% increase each year.
- **Direct Costs** – The total direct costs of this project are $385,643.
- **Indirect Costs** – Facilities and administrative costs of 56.5% in Year 1 to 3 are calculated on a Modified Total Direct Cost base in accordance with our Department of Health and Human Services federally negotiated indirect cost rate agreement dated March 25, 2021. In accordance with this agreement, tuition and Equipment are excluded when calculating the total direct cost base. The indirect cost base is $202,301 and the total indirect costs for this project are $114,300.

Total Amount Requested – The sum of the direct and indirect costs of this project is $499,946.

Expenditure of Awarded Funds – The RFSUNY's post-award administration will manage all aspects e.g., review of grant expenditures to ensure compliance, payment of vendor invoices, financial reporting and billing to sponsors, distribution of payroll charges, and documentation of cost sharing. The PI Bari will ensure the external partner expended the grant fund in a timely and efficient manner.

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EJCPS Detailed Budget

	Description	Total
Personnel	• Project Manager and Principal Investigator, Dr. Aynul Bari @ Ex. 6 Personal Privacy (PP) summer months = $11,272 for three years • Graduate student @$20,820 annual salary X 50% of time on project = $63,718 for three years • Undergraduate student @$15,912 annual salary X 25% of time in year 1 and summer in year 2= $11,701	$86,691
Fringe Benefits	• Project Manager 14% of salary = $1,616 for three years • Graduate student 13% of salary = $8,283 for three years • Undergraduate student 6% annual salary = $702	$10,601
Travel	• AGU Fall Meeting/AAAR Conference Roundtrip per person (Airfare, $600; Registration, $585; Ground transportation, parking, and incidentals, $100; Lodging, $134 x 6 days = $804; M&IE, $79 x 4 days, $59.25 x 2 days = $434.50) = $2,524 • Local mileage for mobile monitoring: 600 miles @ $0.55/mi. X 5 weeks) = $4,150 • Mini-van/truck rental for mobile monitoring: @$500/week X 5 weeks = $2,500 • Local transport, $1,000 per year (@$100/month) homes monitoring and community outreach efforts= $3,000	$11,398
Equipment	AROMA-VOC (Entanglement Technologies, Inc.)	$107,100
Supplies	• 105 Endotoxin (@$40) and glucan cartridges(@$40 = $8,400 • 50 air purifiers @$100 = $5,000 • 1 laptop for home monitoring, community $1,500 • PFAS/VOC chemicals and lab supplies, $8,000 • Vacuum cleaner with dust bags, $364 • 200 glass fibre filters $200 and 30 reams of copy papers $120	$24,109
Contractual	• Micropurchases - community partners @$500 = $15,000 • Contract with Lab for VOC analysis @$146*130 = $18,980	$42,100
Construction		$0
Indirect Costs	Federal Indirect Cost Rate x Personnel = Indirect Costs (Federal Negotiated Indirect Cost Rate)	$114,300
Other	• Subawards to Bard College for bioaerosol monitoring = $65,881 • Community meeting logistics @$1,200/year = $3,600 • Participant Support Costs ($40 gift cards to 75 home participants for each visitX 150 visits = $6,000 • Shipping = $1,000 • Tuition for one graduate student = $35,361	
		$499,944

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ii. Environmental Results / Logic Model:

Resources/ inputs	**Activities**	**Outputs**	**Audience**	**Short-term Outcomes** (6-12 months)	**Intermediate Outcomes** (12-24 months)	**Long-term Outcomes** (2+ years)
• Staff time • Graduate and undergraduate students • Community partners • Industry • Volunteers	• Determine heterogeneity in indoor and outdoor air toxics at urban and rural neighborhoods • Measure bioaerosols at urban and rural neighborhoods • Determine heterogeneity in indoor and outdoor emerging contaminants • Determine plume tracking and pollution hotspots across communities • Identify indoor-generated and near-field outdoor sources • Identify local source impacts • Determine health risks of indoor air toxics and emerging contaminants	• At least 6 urban and 6 rural community assessments will be performed. • At least 85 homes (two visits in 65 homes before and after intervention) will be reached. • At least 25 homes will be assessed for mold issues. • high precision real-time data of air toxics (10-min) and methane (5-sec) from indoor and mobile monitoring • 155 bioaerosol (endotoxin, glucan) samples, 130 passive VOC 24-h samples, 85 weekly PFAS air samples, 170 PFAS dust samples • 85 resident participants in a survey to identify community needs • Community participants' report to 85 individuals • Promotion of community engagement	• Community residents • Community organizations • Industry • City, state, local government • universities	• Increased in number of residents aware of indoor air quality issues • Increased trust and working relationship • Increased access to information and tools for understanding reduction of indoor air pollution and public health risks • Increased knowledge and understanding of near-field (indoors, outdoors) air pollution sources • Increase in number of local stakeholders committed to project and addressing communities indoor air quality issues	• Increased critical thinking ability and decision making about air quality issues • Community neighborhoods start making decisions to improve air quality • Specific actions and/or practices are adopted by communities to improve air quality • Assessment of actions to improve indoor air quality • Increase in number of residents that use air purifiers to reduce indoor air toxics and other pollutants	• Improved understanding of outdoor and indoor air quality issues • Improved environmental stewardship and community action to reduce air emissions • Reduction of indoor air concentrations and human exposure to certain pollutants. • Reduction in asthma-related hospital visits due to intervention measures. • Reduction of asthma rates among community residents

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iii. Letters of Commitment from Partners:
Subawardee (Academic): Bard College, Dr. Elias Dueker

BARD

A College of the Liberal Arts and Sciences *Division of Science, Mathematics, and Computing*

The Research Foundation for SUNY

Redacted

March 22, 2023

RE: Partnership letter of Commitment for the Environmental Justice Collaborative Problem-solving (EJCPS) Cooperative Agreement Program (RFA Number: EPA-R-OEJECR-OCS-23-01)

Dear Aynul,

If the proposal submitted by the Research Foundation for SUNY, entitled **"Monitoring and reduction of indoor air toxics, bioaerosols and emerging contaminants in urban and rural underserved neighborhoods in New York State"** is selected for funding by the EPA, Bard's Community Sciences Lab, as part of the Center for Environmental Science and Humanities, will collaborate and commit resources as outlined in the Project Description of the proposal.

Specifically, our role would be to:

- At all locations, support and interpret bioaerosol sampling (bacterial and fungal).
- In partnership with the Hudson Valley Air Quality Coalition (HVAQ), assist in neighborhood selection/home recruitment in the Hudson Valley.
- In the Hudson Valley (Kingston, Red Hook, Annandale-on-Hudson, Newburgh, Poughkeepsie), conduct intervention study (as outlined in the proposal) with 50 site visits (25 houses visited before and after intervention).
- Involve undergraduate student interns in microscopic observations of aerosol particles in Hudson Valley homes.
- Support data collection and help researchers to interpret with a clear community context (in partnership with HVAQ).
- Assist in educating the community and raising awareness about indoor and outdoor air quality issues.

Additionally, we will provide $3,000 in cost-share with the grant funds to 4 student interns (as outlined in the proposal details) in being trained on and performing microscopic observations and analyses of aerosol samples from Hudson Valley homes.

We are excited about the potential outcomes of this EPA project and look forward to working with the Research Foundation for SUNY on this and other air quality-focused projects in the future.

Sincerely,

M Elias Dueker

M. Elias Dueker
Associate Professor, Biology & Environmental and Urban Studies
Co-Director, Center for Environmental Sciences and Humanities

PO Box 5000, Annandale-on-Hudson, NY 12504-5000 *Telephone:* Ex. 6 Personal Privacy (PP)

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Industry: Entanglement Technologies, Inc.

entanglement
TECHNOLOGIES, INC.

The Research Foundation for SUNY University at Albany
1400 Washington Avenue
Albany, NY 12222

March 24, 2023

RE: Partnership letter of Commitment for the Environmental Justice Collaborative Problem-solving (EJCPS) Cooperative Agreement Program (RFA Number: EPA-R-OEJECR-OCS-23-01)

Dear Dr. Bari,

I'm writing on behalf of Entanglement Technologies, Inc. in support of your proposal, titled "**Monitoring and reduction of indoor air toxics, bioaerosols and emerging contaminants in urban and rural underserved neighborhoods in New York State**" for the EPA's Environmental Justice Collaborative Problem-solving (EJCPS) Cooperative Agreement Program.

Entanglement Technologies intends to support this work through the use of our AROMA-VOC analyzer for monitoring air toxics and methane at indoor homes and for mobile hotspot identification across underserved neighborhoods throughout the duration of the project. We will be available to answer any questions that arise and assist with data analysis for the indoor and mobile monitoring study.

We look forward to working with you to provide rapid and sensitive hazardous air pollutant measurements to better understand air toxics exposure across underserved neighborhoods in New York. Please let me know if you have any specific questions at amarcotte@entanglementtech.com.

Thank you.

Sincerely,

Aurelie Marcotte, Ph.D.
Director of Sales and Business Development
Entanglement Technologies, Inc

1192 Cherry Avenue, San Bruno, CA 94066 Phone: Ex. 6 Personal Privacy (PP)

Community partners

Hudson Valley Air Quality Coalition (HVAQ):

March 31, 2023

The Research Foundation for SUNY
University at Albany
1400 Washington Avenue, Albany, NY 12222

RE: **Partnership letter of Commitment for the Environmental Justice Collaborative Problem-solving (EJCPS) Cooperative Agreement Program** (RFA Number: EPA-R-OEJECR-OCS-23-01)

Dear Aynul:

Here at the Hudson Valley Air Quality Coalition (HVAQ), we are a small coalition of building scientists, environmental scientists, community organizers and leaders focused on addressing the pressing environmental justice issue of indoor and outdoor air pollution. We are very happy to support and participate in the important work of SUNY Albany and Bard College to gain greater knowledge of neighborhood-scale indoor and outdoor air quality in the Hudson Valley.

If the proposal submitted by the Research Foundation for SUNY, entitled "**Monitoring and reduction of indoor air toxics, bioaerosols and emerging contaminants in urban and rural underserved neighborhoods in New York State**" is selected for funding by the EPA, it is our intent to collaborate as outlined in the Project Description of the proposal.

Specifically, our role would be to:

- Assist in conducting questionnaire surveys to understand community needs and concerns and conducting polls for feedback to understand community priorities
- Assist in planning and designing outdoor/indoor air monitoring at community neighborhoods
- Assist in neighborhood selection and home recruitment for both outdoor and indoor air quality monitoring
- Support data collection and help researchers to interpret with the community context
- Assist in arranging community meetings/webinars for educating the community and raising awareness about air quality issues
- Assist in measuring performance of the project

In return, as a member of this partnership, we look forward to increasing community awareness through communicating the data collected through this research project, which will include a deeper understanding of pollutants levels, an identification of local sources and reduction measures for certain air pollutants, and promoting environmental stewardship to improve air quality and the health of residents in our community. We look forward to working with you on this important project for our community and the rest of the Hudson Valley. Thank you!

Sincerely,

Founding Members of HVAQ:
Ana Texeira, Community Leader and Organizer
Desiree Lyle, Building Scientist
Judith Karpova, Building Scientist
Lorraine Farina, Community Leader and Organizer
Eli Dueker, Environmental Microbiologist

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Citizens For Local Power (CLP)



The Research Foundation for SUNY
University at Albany
1400 Washington Avenue, Albany, NY 12222

RE: Partnership letter of Commitment for the Environmental Justice Collaborative Problem-solving (EJCPS) Cooperative Agreement Program (RFA Number: EPA-R-OEJECR-OCS-23-01)

April 4, 2023

To whom it may concern:
We are happy to support the important work of the Hudson Valley Air Quality Coalition and SUNY Albany and its partners to gain greater knowledge of neighborhood-scale indoor and outdoor air quality in the Hudson Valley. If the proposal submitted by the Research Foundation for SUNY, entitled "Monitoring and reduction of indoor air toxics, bioaerosols and emerging contaminants in urban and rural underserved neighborhoods in New York State" is selected for funding by the EPA, we will be serving as fiscal sponsor for HVAQ's $10,000 stipend as they fulfill their role (outreach, public education, air quality studies), as outlined in the Project Description of the proposal.

We look forward to working with you on this important project for our community and the rest of the Hudson Valley.

Thank you!

Sincerely,

Jess Mullen
Executive Director

EIN#: 473531432

Mid-Hudson Energy Transition

280 Wall Street, Suite 379
Kingston, NY 12401

Mid-Hudson Energy Transition

info@mid-hudson.energy
http://mid-hudson.energy

The Research Foundation for SUNY
University at Albany
1400 Washington Avenue, Albany, NY 12222

April 5, 2023

RE: Partnership letter of Commitment for the Environmental Justice Collaborative Problem-solving (EJCPS) Cooperative Agreement Program (RFA Number: EPA-R-OEJECR-OCS-23-01)

To whom it may concern:

Mid-Hudson Energy Transition is happy to support the important work of the Hudson Valley Air Quality Coalition and SUNY Albany and its partners to gain greater knowledge of neighborhood-scale indoor and outdoor air quality in the Hudson Valley. If the proposal submitted by the Research Foundation for SUNY, entitled "Promoting sustainable air quality at underserved neighborhoods in New York State through low-cost sensor monitoring, integrated measurement and community engagement" is selected for funding by the EPA, we will be working cooperatively with HVAQ to implement the terms of the grant as outlined in the Project Description of the proposal.

Mid-Hudson Energy Transition is a 501(c)3 organization dedicated to empowering municipalities, their residents, and businesses to own and share renewable energy, create healthier buildings, and strengthen the resilience of the Hudson Valley in the face of climate change. MHET serves as the Administrator for the Community Choice Aggregation program of the City of Kingston, "Kingston Community Energy." KCE is realizing an advanced version of CCA that looks beyond the provision of electrical service to include opt-out community solar for *all* residents, including low and middle income residents of historically marginalized communities, and that places special emphasis on the critical importance of helping these communities improve the energy efficiency of their buildings – a process in which it is essential to first address any existing indoor air quality problems, which will otherwise be exacerbated by energy efficiency measures to the detriment and endangerment of their occupants.

We are excited about the potential outcomes of this EPA project and look forward to supporting HVAQ's work and that of the Research Foundation for SUNY on this and other air quality-focused projects in the future. We look forward to working with you on this important project for our community and the rest of the Hudson Valley.

Sincerely,

Jasmine Graham

Executive Director
Mid-Hudson Energy Transition
Ex. 6 - Personal Privacy (PP)

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iv. Resumes of the Project Manager (PM) and Other Key Personnel:

Project Manager (PM) and PI: Ex. 6 Personal Privacy (PP) Department of Environment & Sustainable Engineering, UAlbany

Assistant Professor
University at Albany, Department of Environmental & Sustainable Engineering
1400 Washington Avenue, BIO 228, Albany, NY 12222
Telephone: Ex. 6 Personal Privacy (PP) e-mail: Ex. 6 - Personal Privacy (PP)

Professional Preparation

Institution	Location	Degree	Dates
Bangladesh University of Engineering and Technology	Dhaka, Bangladesh	BSc, Civil Engineering	1995-2000
University of Stuttgart	Stuttgart, Germany	M.Sc., Environmental Engineering	2002-2004
University of Stuttgart	Stuttgart, Germany	PhD, Environmental Engineering	2004-2009
University of Alberta	Edmonton, Alberta	Research Associate, Air Quality	2011-2018

Positions and Appointments

Dec. 2009-Nov. 2010 NSERC Visiting Fellow, Environment and Climate Change Canada
2011-2013 Postdoctoral Fellow, School of Public Health, University of Alberta, Canada
2014-2018 Research Associate, School of Public Health, University of Alberta, Canada
2018- Assistant Professor, Department of Environmental & Sustainable Engineering, University at Albany, State University of New York

Research and Professions Experiences

Ex. 6 Personal Privacy (PP) current research focuses on understanding far-field (ambient) and near-field (outdoors, indoors) exposure and sources of criteria air pollutants, air toxics and emerging contaminants, evaluation of low-cost air pollution sensors, air quality trend analysis, source apportionment, assessment of local and long-range source impacts, and exposure risk assessment.

Relevant Publications (from 35 peer-reviewed journal articles) and presentations:

1. Ex. 6 Personal Privacy (PP) 2022. Elucidating sources of VOCs in the Capital Region of New York State: Implications to secondary transformation and public health exposure. *Chemosphere (in press)*.
2. Ex. 6 Personal Privacy (PP) 2022. Understanding heterogeneity and sources of black carbon in residential neighbourhoods in the Capital Region of New York State. Abstract in the Air Sensors International Conference, Pasadena, CA, May 11–13.
3. Ex. 6 Personal Privacy (PP) 2017. Concentrations, sources and human health risk of inhalation exposure to air toxics in Edmonton, Canada. *Chemosphere* 173, 160–171.
4. Ex. 6 Personal Privacy (PP) 2015. Indoor and outdoor levels and sources of sub-micron particulate matter (PM_1) at homes in Edmonton, Canada. *Environmental Science & Technology* 49, 6419–6429.
5. Ex. 6 Personal Privacy (PP) 2015. Source apportionment of indoor and outdoor volatile organic compounds at homes in Edmonton, Canada. *Building and Environment* 90, 114–124.

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Other significant publications:

1. Ex. 6 Personal Privacy (PP), 2020. Ambient volatile organic compounds (VOCs) in two coastal cities in western Canada: Spatiotemporal variation, source apportionment, and health risk assessment. *Science of the Total Environment 706,* doi. 10.1016/ j.scitotenv.2019.135970.
2. Ex. 6 Personal Privacy (PP) (2015). Fifteen-year trends in criteria air pollutants in oil sands communities of Alberta, Canada. *Environment International* 74, 200–208.
3. Ex. 6 Personal Privacy (PP) (2009). Wood smoke as a source of particle-phase organic compounds in residential areas. *Atmospheric Environment* 43, 4722–4732.
4. Ex. 6 Personal Privacy (PP). (2016). Fine particulate matter ($PM_{2.5}$) in Edmonton, Canada: source apportionment and potential risk for human health. *Environmental Pollution* 218, 219–229.
5. Ex. 6 Personal Privacy (PP) (2018). Ambient volatile organic compounds (VOCs) in Calgary, Alberta: sources and screening health risk assessment. *Science of the Total Environment* 631–632, 627–640.

Synergistic Activities

1. *Professional Affiliation*

2017– present: Professional Engineer (P.Eng.) with the Association of Professional Engineers and Geoscientists of Alberta (APEGA), Canada

2018-members of the Association of Environmental Engineering and Science Professors (AEESP), the Air & Waste Management Association (A&WMA), and the American Association for Aerosol Research (AAAR)

2. Member of New York State MESONET (weather monitoring) Science Advisory Committee.
3. Journal service

Guest Editors for Special Issues (SI)

2020-2021: Special Issue "Pollutants in Indoor Air" in journal 'Pollutants'.

2020-2021: Special Issue "Advanced Technologies in Air Science: Monitoring, Analyzing, Modeling, and Implementation" in journal 'Atmosphere'..

2020: Special Issue "Sources, Spatiotemporal Variation and Potential Health Risk of Hazardous Air Pollutants" in journal 'Atmosphere'.

2019/20: Special Issue "Sustainable Air Pollution Management" in journal 'Sustainability'.

Topical Advisory Panel

2021: Journal "Toxics"(https://www.mdpi.com/journal/toxics/topic_editors)

4. Media: Recorded an "Academic Minute" spot for WAMC/NPR, Northeast Public Radio (2019). https://academicminute.org/2019/01/md-aynul-bari-university-at-albany-air-pollution-in-the-home/
5. Proposal Review
   - Received invitation for NSF Panel Review for Smart & Connected Communities (2022)
   - Reviewed proposal for Swiss National Science Foundation (2019)
   - Reviewed proposal for Health Canada's Clean Air Regulatory Agenda (CARA) Program (2017)

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Subawardee: Ex. 6 Personal Privacy (PP) **Bard College**
Associate Professor
Biology Program, Environmental and Urban Studies (EUS) Program
Bard College
30 Campus Road, Annandale-On-Hudson, NY 12504
Phone: Ex. 6 Personal Privacy (PP), Email: Ex. 6 - Personal Privacy (PP)

Education

Ph. D.	Columbia University Department of Earth and Environmental Sciences Cary Institute of Ecosystem Studies (affiliated graduate student)	2012
M. Phil.	Columbia University Department of Earth and Environmental Sciences	2009
M. A.	Columbia University Department of Earth and Environmental Sciences	2008
B. A.	Rhodes College English Department	1992

Academic Appointments

Associate Professor, Bard College	2020 – present
Assistant Professor, Bard College	2014--2020
Visiting Research Scientist, Cary Institute of Ecosystem Studies	2014 – 2020
Associate Research Scientist, CUNY Queens College	2014 – 2018
Postdoctoral Research Scientist, CUNY Queens College	2013 – 2014
Adjunct Instructor, Environmental Studies Program, New York University	2013
Postdoctoral Research Scientist, Lamont-Doherty Earth Observatory	2012 – 2013

Selected Community Leadership Positions

Board Member, Roe Jan Watershed Community	2018 - present
Co-founder, Hudson River Subwatershed and Tributary Research Network	2017 -present
Board Member, Sustainable Hudson Valley	2019 - 2021
Board Member, Hudson River Watershed Alliance	2019 - 2021
Board Member, Hudson River Environmental Society	2017 - 2019

Selected Awards

- Open Society University Network ($1,300,000): "Global Community Science Coalition," 2020
- IDEXX, inc. Labs ($6,200): "Tracking *Legionella pneumophila* in urban and rural streams," 2019
- NYS DEC ($45,000): "Building the Hudson River and Sub-Tributaries Research Network (THuRST)," Lead PI: Kate Meierdiercks (Sienna College), 2018
- Watershed WaveMaker Award from Hudson River Watershed Alliance (recognizing the Bard Water Lab and Saw Kill Watershed Community), 2017
- NYS DEC ($48,297): "Science-based development of Saw Kill Watershed Community (Phase II)," 2017
- NYS DEC ($45,297): "Science-based development of Saw Kill Watershed group,"2015
- Red Hook Conservation Advisory Council ($325): support for the Saw Kill Monitoring Program, 2014
- Hudson River Foundation Rapid Response Fund ($9,175): "Seed-funding for Bard Water Lab," 2015

- Hudson River Foundation Research Fund ($180,000): "Sewage loading to the Hudson River as a determinant of microbial air quality: exploration of public health connections and monitoring approaches," co-PI: Gregory O'Mullan (CUNY Queens), 2013
- City University of New York Postdoctoral Travel Award Program ($1,000): funding to present "Onshore winds and coastal fog enhance bacterial connections between water and air in the coastal environment" at American Geophysical Union (AGU) Conference, 2013
- Janet Holden Adams Fund ($2,300): "Deep-sequencing of microbes in coastal fog," 2013
- Hudson River Foundation Rapid Response Grant ($10,400): "Post-Superstorm Sandy collection and analysis of samples from flood impacted areas," 2012

Selected Publications (* = undergraduate researcher)

- Ex. 6 Personal Privacy (PP) (2018). Comparison of bacterial diversity in air and water of a major urban center *Frontiers in Microbiology* 9(2868). doi: 10.3389/fmicb.2018.02868.
- Ex. 6 Personal Privacy (PP) (2018). The biology of fog: results from coastal Maine and Namib Desert reveal common drivers of fog microbial composition. *Science of the Total Environment* 647(1547-1556).
- Ex. 6 Personal Privacy (PP), and Ex. 6 Personal Privacy (PP) (2017). Onshore wind speed modulates microbial aerosols along an urban waterfront. *Atmosphere* 8(11): 215; doi:10.3390/atmos8110215.
- Ex. 6 Personal Privacy (PP) (2017). Challenges to managing microbial fecal pollution in coastal environments: extra-enteric ecology and microbial exchange among water, sediment, and air. *Current Pollution Reports* 3(1): 1-16.
- Ex. 6 Personal Privacy (PP) (2016). Culturable bioaerosols along an urban waterfront are primarily associated with coarse particles. *PeerJ* 4: e2827.
- Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) (2015). Microbial stimulation and succession following a test well injection simulating CO_2 leakage into a shallow Newark Basin aquifer. *PLOS One*, 10.1371/journal.pone.0117812.
- Ex. 6 Personal Privacy (PP) (2014). Aeration remediation of a polluted waterway increases near-surface coarse and culturable microbial aerosols. doi: 10.1016/j.scitotenv.2014.01.092. *Science of the Total Environment*, 478:184-189.
- Ex. 6 Personal Privacy (PP) (2012). Local environmental pollution strongly influences culturable bacterial aerosols at an urban aquatic Superfund site. *Environmental Science & Technology*, 46 (20): 10926-10933.
- Ex. 6 Personal Privacy (PP) (2011). Coupling of fog and marine microbial content in the near-shore coastal environment. *Biogeosciences*, 9 (2): 803-814.
- Ex. 6 Personal Privacy (PP) (2011). Environmental controls on coastal coarse aerosols: implications for microbial content and deposition in the near-shore environment. *Environmental Science & Technology*, 45(8): 3386-3392.

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v. Proof of Non-profit Status

DocuSign Envelope ID: E5AA4F24-1B6A-4191-8E6D-2D5D0E9A2F81

SUNY RF
The Research Foundation for
The State University of New York

Proof of Nonprofit Status

Office of General Counsel & Secretary

35 State Street
Albany, New York

Mailing Address:
Post Office Box 9
Albany, New York
12201-0009

(T) Ex. 6 Personal Privacy (PP)
(F) Ex. 6 Personal Privacy (PP)

www.rfsuny.org

January 18, 2022

Re: The Research Foundation of State University of New York
<u>Confirmation of IRC 501(c)(3) Tax Exempt Status</u>

To Whom It May Concern:

The Research Foundation for The State University of New York (the "Foundation") is a private, non-profit corporation and is an organization described in Internal Revenue Code Section 501(c)(3). Enclosed for your information is the April 11, 2008, determination letter in which the Internal Revenue Service concluded the Foundation qualified for exemption from federal income taxes. As of the date of this letter, the determination remains unchanged.

The Foundation has been a tax-exempt organization under Internal Revenue Code since its inception in 1951.

The Foundation's public charity status is identified as an organization exempt from Federal Income Tax under Internal Revenue Code Section 509(a)(1) of the code.

If you have further questions concerning this subject, please do not hesitate to contact me at Ex. 6 Personal Privacy (PP)

Sincerely,

DocuSigned by:
C100611B11C8400

Christopher L. Ashley
General Counsel & Secretary

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Ms. First Name: SanDonna Middle Name:
Last Name: Jones Suffix:

Title: Executive Director

Complete Address:

Street1: 1044 South Orange Avenue
Street2:
City: Newark State: NJ: New Jersey
Zip / Postal Code: 07106-1723 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: sbjones@uvso.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: Ms. First Name: SanDonna Middle Name:
Last Name: Jones Suffix:

Title: Executive Director

Complete Address:

Street1: 1044 South Orange Aveunue
Street2:
City: Newark State: NJ: New Jersey
Zip / Postal Code: 07106-1723 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: sbjones@uvso.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: Ms. First Name: SanDonna Middle Name:
Last Name: Jones Suffix:

Title: Executive Director

Complete Address:

Street1: 1044 South Orange Avenue
Street2:
City: Newark State: NJ: New Jersey
Zip / Postal Code: 07106-1723 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: sbjones@uvso.org

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** Ms. **First Name:** SanDonna **Middle Name:**

Last Name: Jones **Suffix:**

Title: Executive Director

Complete Address:

Street1: 1044 South Orange Avenue

Street2:

City: Newark **State:** NJ: New Jersey

Zip / Postal Code: 07106-1723 **Country:** USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: sbjones@uvso.org

EPA Form 5700-54 (Rev 4-02)

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Unified Vailsburg Services Organization (UVSO)

Address: 1044 South Orange Avenue

City: Newark

State: NJ: New Jersey Zip Code: 07106-1723

B. Unique Entity Identifier (UEI): Ex. 6 Personal Privacy (PP)

C. Applicant/Recipient Point of Contact

Name: SanDonna Jones

Phone: Ex. 6 - Personal Privacy (PP)

Email: sbjones@uvso.org

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

NONE

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

NONE

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

NONE

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☒ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☐ Yes ☒ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
SanDonna B Jones	Executive Director	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Unified Vailsburg Services Organization

* b. Employer/Taxpayer Identification Number (EIN/TIN): 23-7304852

* c. UEI: D4C7JY3DUNB3

d. Address:

* Street1: 1044 South Orange Avenue
Street2:
* City: Newark
County/Parish:
* State: NJ: New Jersey
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 07106-1723

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Mrs.
* First Name: SanDonna
Middle Name: B.
* Last Name: Jones
Suffix:

Title: Executive Director

Organizational Affiliation:

* Telephone Number: Ex. 6 - Personal Privacy (PP) x
Fax Number: Ex. 6 - Personal Privacy (PP)

* Email: sbjones@uvso.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Community Initiatives to Reduce Childhood Lead Exposure (CIRCLE)

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: 10 | * b. Program/Project: 10

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 | * b. End Date: 10/31/2025

18. Estimated Funding ($):

* a. Federal	499,997.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	499,997.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Ms. | * First Name: SanDonna

Middle Name: B.

* Last Name: Jones

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 - Personal Privacy (PP) | Fax Number: Ex. 6 - Personal Privacy (PP)

* Email: sbjones@uvso.org

* Signature of Authorized Representative: SanDonna B Jones | * Date Signed: 04/14/2023

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Unified Vailsburg Services Organization

Application
New
2023-04-14
Unified Vailsburg Services Organization
23-7304852
D4C7JY3DUNB3
1044 South Orange Avenue
Newark
NJ: New Jersey
07106-1723
USA: UNITED STATES

Mrs.
SanDonna
B.
Jones

Executive Director
EX. 6 - Personal Privacy (PP) X
EX. 6 - Personal Privacy (PP)
sbjones@uvso.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Community Initiatives to Reduce Childhood Lead Exposure (CIRCLE)
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c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Ms.
SanDonna
B.
Jones

Executive Director
EX. 6 - Personal Privacy (PP) X
sbjones@uvso.org
EX. 6 - Personal Privacy (PP)
SanDonna B Jones
2023-04-14

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de minimis rate of 10% of MTDC

Ms.
SanDonna
Jones

Executive Director
1044 South Orange Avenue
Newark
NJ: New Jersey
07106-1723
USA: UNITED STATES

EX. 6 - Personal Privacy (PP) X
sbjones@uvso.org

Ms.
SanDonna
Jones

Executive Director
1044 South Orange Aveunue
Newark
NJ: New Jersey
07106-1723
USA: UNITED STATES

EX. 6 - Personal Privacy (PP) X

sbjones@uvso.org

Ms.
SanDonna
Jones

Executive Director
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07106-1723
USA: UNITED STATES

EX. 6 - Personal Privacy (PP) X
sbjones@uvso.org

Ms.
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Executive Director
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07106-1723
USA: UNITED STATES

EX. 6 - Personal Privacy (PP) X
sbjones@uvso.org

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Unified Vailsburg Services Organization (UVSO)
1044 South Orange Avenue
Newark
NJ: New Jersey
07106-1723

D4C7JY3DUNB3
SanDonna Jones
EX. 6 - Personal Privacy (PP) X
sbjones@uvso.org
Executive Director
N: No
NONE
NONE
NONE
N: No

N: No
Y: Yes
Y: Yes
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Y: Yes
N: No
Y: Yes
SanDonna B Jones
Executive Director
2023-04-14

1235-Itemized Budget Sheet UVSO CU.pdf
application/pdf
iAZpBGptwfwnIC+oDonpyl0pzBs=

1236-CIVIC_LogicModel.pdf
application/pdf
jVM2hLoSLp4LNP6XD3vjYGnisIo=

1237-CIVIC_letters.pdf
application/pdf
lyfUe9NjQhOvX/DODaLCvsMsM/U=

1238-CIVIC_allCVs.pdf
application/pdf
adG7FR3T7cFimIoAUpEEh2w560I=

1239-UVSO IRS Determination Letter.pdf
application/pdf
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UpyKY0cN4/Ofo6N/yn07BMFYiE0=
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SanDonna B Jones
GRANT13861612

PI Name: SanDonna Jones
Project Title: Community Initiatives to Reduce Childhood Lead Exposure (CIRCLE)
Project Period: 1 November 2023 – 31 October 2025

	Year 1	Year 2	Total
Personnel			
Two (2) Lead Assessors (to be hired)	110,000	110,000	**220,000**
Community Engagement Manager (20%) (Michael Morrison)	Ex. 6 Personal Privacy (PP)		
*Executive Director **(3%)** (SanDonna Jones)*			
Total Salaries	**126,480**	**126,480**	**252,960**
Fringe (20%)	**25,296**	**25,296**	**50,592**
Total Salaries & Fringe	**151,776**	**151,776**	**303,552**
Direct Charges			
Travel			
Equipment			
Two (2) XRF Analyzers	35,590	0	**35,590**
Participant Support Costs			
Participation Incentives ("Thank You's") (e.g. UVSO-logo'd items,	3,000	3,090	**6,090**
Supplies			
Tabletop vacuum cleaners (1,000)	15,000	0	**15,000**
Contractual			
Columbia University	53,099	46,353	**99,452**
Construction	0	0	**0**
Other Direct costs			
Professional Development			
Rutgers Lead Inspector Course (Tuition Remission)	1,700	0	**1,700**
New Jersey Lead Certification	300	0	**300**
Printing and Production	3,570	0	**3,570**
Total Direct Charges	**112,259**	**49,443**	**161,702**
Total Direct	**264,035**	**201,219**	**465,254**
Modified Total Direct Costs (MTDC)*	**195,646**	**151,776**	**347,422**
Indirect Charges (de minimis)	**19,565**	**15,178**	**34,743**
TOTAL	**283,600**	**216,397**	**499,997**

PI Name: SanDonna Jones
Project Title: Community Initiatives to Reduce Childhood Lead Exposure (CIRCLE)
Project Period: 1 November 2023 – 31 October 2025

BUDGET JUSTIFICATION FOR UVSO

PERSONNEL
Senior Personnel

SanDonna Jones, Executive Director will charge Ex. 6 Personal Privacy (PP) of her time per year to the project, with the remainder of time provided in-kind. Her role would be overall program management which includes: partner coordination with Columbia University, the City of Newark, La Casa de Don Pedro and others; as well as delegation of UVSO staff to be engaged in the project.

Michael Morrison, Community Engagement Manager will devote a minimum of Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) of his time per year to the project, with any additional time provided in-kind. He will directly oversee the two (2) Lead Safety Organizers (LSOs) and help coordinate the series of community meetings.

Other Personnel

TBH, Lead Safety Organizers (LSOs) will devote 100% ($55,000/year X 2 persons) of their time to co-facilitate the community meetings as well as contact all medical offices, clinics, and hospitals where pregnant women from Vailsburg are likely to obtain prenatal care, most of them located outside Vailsburg but in surrounding areas. They will train residents on the Lumetallix kits as well as deploy Viken Pb200i x-ray fluorescence (XRF) analyzers to verify lead detection results.

Total Salaries is $151,776/year for a total of $303,552.

FRINGE BENEFITS
The current fringe benefit rate for our organization is 20% to be accessed on all salaries at $25,296/year for a total of $50,592. This includes: FICA and related payroll costs, health, and dental benefits.

EQUIPMENT
XRF Analyzers (2):
A total of $35,590 in Year 1 to purchase two (2) XRF Analyzers to verify the results of the Lumetallix testing by residents.

PARTICICIPANT SUPPORT COSTS
Incentives (tokens of appreciation) will be purchased for residents for their participation. A total of $6,090 for an estimated 1,000 participants ($3,000 in Year 1 & $3,090 in Year 2) will be allocated.

SUPPLIES
A total of 1,000 tabletop vacuum cleaners (one for each participant) will be purchased so that residents can collect dust particles that would be subsequently tested for the presence of lead. This totals $15,000 ($15 each).

CONTRACTUAL
A total of $99,452 to be allocated (subcontracted) to academic partner Columbia University. A total of $53,099 in Year 1 and $46,353 in Year 2 to perform the following research activities:

- Training of Lead Safety Organizers (LSOs): Academic partner Columbia University will train the two LSOs hired by UVSO to use the Lumetallix kit for testing lead in paint and dust and collecting samples for laboratory comparisons.
- Laboratory confirmation: Paint and house dust samples provided by the LSOs will be digested and analyzed in the laboratory by inductively-coupled plasma mass spectroscopy after acid digestion at Columbia University.
- Blood-lead data analysis: Columbia University will compare Vailsburg blood-level data starting in 2016 to that of surrounding zip code areas to test for any potential change in response to the lead testing by members of the Vailsburg neighborhood.

The itemized budget and budget justification for Columbia University are attached.

OTHER DIRECT COSTS

Professional Development
Two (2) Lead Safety Organizers will enroll in the Rutgers University School of Public Health's New Jersey Lead Inspector and Risk Assessor Certification Course. This allocation includes $850 each for two (2) participants (totaling $1,700).

Following the Rutgers certification course, the two (2) LSOs will take the New Jersey Lead Certification exam ($150 for 2 participants) (totaling $300).

Printing and Production:
Collateral for the initiative will be designed and printed so that residents have pertinent information regarding the project's goals and objectives, importance of their participation, and expansive community benefits. A total of $3,570 will be allocated.

Direct costs are $264,035 in Year 1 and $201,219 in Year 2 for a total of $465,254.

INDIRECT COSTS
Indirect costs are calculated at the de minimis rate of 10% on Modified Total Direct Costs (*MTDC). **The totals are $19,891 in Year 1 and $15,504 in Year 2 for a total of $35,395**.

The total (Direct Costs + Indirect Costs) of this request is $499,997: $283,600 in Year 1 and $216,396 in Year 2.

**Modified Total Direct Cost (MTDC) - MTDC means all direct salaries and wages, applicable fringe benefits, materials and supplies, services, travel, and up to the first $25,000 of each*

subaward (regardless of the period of performance of the subawards under the award). MTDC excludes equipment, capital expenditures, charges for patient care, rental costs, tuition remission, scholarships and fellowships, participant support costs and the portion of each subaward in excess of $25,000. Other items may only be excluded when necessary to avoid a serious inequity in the distribution of indirect costs, and with the approval of the cognizant agency for indirect costs.

BUDGET WORKSHEET

EPA EJ

COLUMBIA UNIVERSITY

RFP: **EPA-R-OEJECR-OCS-23-01**

Title: **Community Initiatives to Reduce Childhood Lead Exposure (CIRCLE)**

RASCAL: **PT-AABT2000**

PI: **Alexander van Geen,**

Co-PIs **Dan O'Flaherty, Pam Factor-Litvak**

	Months			Year 1	Year 2	Cumulative
				11/1/2023	**11/1/2024**	**11/1/2023**
				10/31/2024	**10/31/2025**	**10/31/2025**
Salaries & Wages	**Yr 1**	**Yr 2**	Mo Salary			
Senior Personnel						
Alexander van Geen, PI	N/C	N/C	N/A	-	-	-
Dan O'Flaherty, co-PI	N/C	N/C	N/A	-	-	-
Pam Factor-Litvak, co-PI	N/C	N/C	N/A	-	-	-
Other Personnel						
TBH, Staff Associate	2.5	2	$7,403	19,062	15,707	**34,769**
Total Salaries/Wages				**19,062**	**15,707**	**34,769**
Fringe Benefits						
29.3% as of 7/1/2022	29.3%			5,585	4,602	**10,187**
Total Salaries/Wages and Fringe Benefits				24,647	20,309	**44,956**
Total Travel				**0**	**0**	**0**
*Airfare budgeted at a penalty advance purchase no refund rate - may not be available at time of travel.						
Other Direct Costs						
Materials/Supplies				9,500	9,500	**19,000**
Year 1 and Year 2: 500 kits @$15 ea. And $2000 in misc. supplies						-
						-
						-
Sub Total Other Direct Costs				9,500	9,500	19,000
Total Direct Costs				**34,147**	**29,809**	**63,956**
Modified Total Direct Costs						
(Direct Costs less Permanent Equipment, GRA Tuition, etc)				34,147	29,809	**63,956**
Indirect Cost Recovery @ 55.5% of MTDC				18,952	16,544	**35,496**
Total Direct and Indirect Costs				**53,099**	**46,353**	**99,452**
(sum of I and K)						

Budget Justification – Columbia University

Salaries:

Senior Personnel

Alexander van Geen, Lamont Research Professor, PI: a researcher at Columbia University's Lamont-Doherty Earth Observatory will serve as PI at no cost to the project.

Brendan O'Flaherty, Professor, PI: a professor at Columbia University's Department of Economics will serve as PI at no cost to the project.

Pam Factor-Litvak, Professor, PI: a professor at Columbia University's Mailman School of Public Health will serve as PI at no cost to the project.

Other Personnel

TBH, Staff Associate: Support is requested to cover the salary of an experienced laboratory assistant for 2.5 months in Year 1 2.0 months in Year 2 of the project. This person will be responsible for preparing the field kits and supplying the labeled sample bags needed for collecting paint chips, house dust, and soil. Most of these materials will be analyzed by the UVSO-hired LSO's by X-ray fluorescence but a subset will be digested for comparison with measurements by inductively-coupled plasma mass spectrometry at Columbia University. Including 29.3% in fringe benefits, the total salary request amounts to $24,647 and $20,309 in Year 1 and Year 2, respectively.

There is an estimated 3% increase per year on salaries.

Columbia University's fiscal year is from July 1 to June 30.

Fringe Benefits

Fringe benefits are budgeted at Columbia University's government-negotiated rate of 29.3% for regular full-time employees effective July 1, 2022 and are accessed on all the salaries (with the exception of the GRA stipend which is exempt from Fringe) listed above based on position.

Other Direct Costs

Materials and Supplies:

In each of Year 1 and Year 2, we request a total of $9,500 per year for materials and supplies costs. This includes a total of $7,500 per year to purchase 500 Lumetallix kits ($7,500 for 500 kits at $15 ea.) and $2,000 per year for miscellaneous laboratory supplies including ultra-clean acids and NIST reference materials.

Facilities & Administrative Costs

Indirect Costs:

Sponsored Projects Administration certifies that the Primary Places of Performance at Lamont-Doherty Earth Observatory for the proposed research supported by a subaward from the EPA grant to UVSO will occur at 61 Route 9W P. O. Box 1000 Palisades, NY 10964, at the Comer Geochemistry Building Rooms 131 and B12, located on the LDEO campus, and that the appropriate F&A rate is 55.5%.

Total Budget: $53,099 in Year 1, $46,353 in Year 2, total for both years of $99,452.

CITY OF NEWARK
Mayor Ras J. Baraka

Department of Health and Community Wellness
Director's Office

A City We Can All Believe In

Ketlen Baptiste Alsbrook
Director

110 William Street
Newark, New Jersey 07102
Tel.: Ex. 6 - Personal Privacy (PP)
Fax: Ex. 6 - Personal Privacy (PP)
Email: Ex. 6 - Personal Privacy (PP)

April 13, 2023

SanDonna B. Jones
Executive Director
Unified Vailsburg Services Organization
1044 South Orange Avenue
Newark, New Jersey 07106

Dear Mrs. Jones:

On behalf of the Newark Department of Health and Community Wellness, I am writing to express our commitment to partner with Unified Vailsburg Services Organization (UVSO) and other partners to enhance the childhood lead poison prevention efforts in Newark, particularly as part of the proposed pilot in the Vailsburg community of the West Ward.

For over 20 years, the Department of Health has been the recipient of Federal and, now, State grants that provide funding to screen children for lead exposure. The Health Department conduct home inspections for lead paint hazards, provide nurse case management for children with elevated blood lead levels, and to complete home abatements to eliminate lead hazards in residential units throughout the City of Newark.

If the proposal submitted by UVSO to the EPA Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program it's funded, it is my intent to collaborate as detailed in the proposal. Specifically, my department will follow-up on requests for inspection and, where needed, mitigate lead hazards in Vailsburg residents' homes relayed through your organization. Additionally, we will coordinate with UVSO to obtain the necessary sets of paired x-ray fluorescence (XRF) and lead kit measurements to evaluate the reliability of the kit. Furthermore, the Department of Health commit to provide aggregated (de- identified) data or EBLL results for Vailsburg and surrounding zip code areas for 2016-2025.

We are committed to this work and look forward to improving the health and wellness of our residents and families.

Respectfully,

Ketlen Baptiste Alsbrook, Director and CEO
Department of Health and Community Wellness

COLUMBIA GLOBAL

Columbia World Projects
COLUMBIA UNIVERSITY

COLUMBIA GLOBAL CENTERS

II&I Institute for Ideas & Imagination

GLOBAL THOUGHT
COLUMBIA UNIVERSITY

April 2, 2023

SanDonna B. Jones, Executive Director
Unified Vailsburg Services Organization
1044 South Orange Avenue
Newark, NJ 07106 US

Dear Ms. Jones,

I am writing to express Columbia University's commitment to support the "Initiatives to Reduce Childhood Lead Exposure (CIRCLE)" project that your organization has submitted to EPA's Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program. The project fits squarely within an university-wide initiative, which I direct, Columbia World Projects, that aims to forge a closer and more useful connection between Columbia University's vast research capabilities and the needs of the world.

As a health scientist, I understand the serious public health challenge that childhood lead exposure presents for many communities in the US, particularly those with low socioeconomic status and large populations of migrants and minorities. Despite the phasing out of leaded gasoline and the banning of lead-based paint, many children are still at risk due to poor housing, proximity to major roadways, and outdated lead-pipe-based water supplies.

Columbia University has a team of interdisciplinary experts who are ideally suited to partner with you on this project. Professors Pam Factor-Litvak from the Mailman School of Public Health, Brendan O'Flaherty from the Department of Economics, and Alexander van Geen from the Lamont-Doherty Earth Observatory are uniquely suited to support Unified Vailsburg Services Organization in addressing the issue of lead exposure in an underserved community.

Your project's focus on distributing a field kit to test paint and house dust for lead in pregnant women is innovative. If blood-lead levels in children in the intervention areas decline more rapidly over time relative to surrounding areas, your approach could become a model for greater community participation in addressing environmental issues throughout the country.

We look forward to working with Unified Vailsburg Services Organization on this important project and making a positive impact on the health of children in underserved communities.

Sincerely,

Wafaa El-Sadr, MD, MPH, MPA
Executive Vice President, Columbia Global
University Professor of Epidemiology and Medicine
Mathilde Krim-amfAR Chair of Global Health
Director, ICAP at Columbia University
Director, Columbia World Project

Wynnie-Fred Victor Hinds
City of Newark Environmental Commission
Address: 514 Frelinghuysen Ave., #4073, Newark, NJ 07112
Ex. 6 - Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)

SanDonna B. Jones, Executive Director
Unified Vailsburg Services Organization
1044 South Orange Avenue Newark, NJ 07106 US
sbjones@uvso.org
Ex. 6 - Personal Privacy (PP)

April 10, 2023

Dear Ms. Jones,

I write to express my support for the proposal to the EPA Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program entitled "Community Initiatives to Reduce Childhood Lead Exposure (CIRCLE)" led by Unified Vailsburg Services Organization (UVSO) to enhance the childhood lead poison prevention efforts in Newark, particularly in the city's Vailsburg neighborhood.

The Newark Environmental Commission is made up of Newark residents who serve in a volunteer capacity. The Commission is charged to advise the Mayor and the Municipal Council on issues of the environment and sustainability. Members are nominated or can apply to open positions and are appointed by the Municipal Council. They meet monthly and provide recommendations to the City of Newark about environmental, sustainability, and quality of life issues relevant to the City of Newark.

The Commission is proud to have worked with environmental justice groups throughout New Jersey to gain passage of Newark's Environmental Justice and Cumulative Impacts Ordinance, the first of its kind in the United States. This ground-breaking law requires companies and other applicants that want to work in Newark to prove they are not adding to Newark's existing pollution. The law highlights the fact that Newark has long been subject to extreme levels of industrial pollution that is harmful to the health of those who live and work here.

If the proposal submitted by UVSO with partners to EPA is funded, it is my intent to maximize its impact by bringing it to the attention of my fellow Commissioners and, if they agree, encourage you to refer to our endorsement at community meetings and on flyers distributed in the Vailsburg neighborhood to encourage participation. The Commission is well aware that exposure of children to lead in the Vailsburg neighborhood is higher than in surrounding areas and that such exposure has lifelong implications.

We very much hope that this project is funded as it is bound to benefit residents and families of Newark.

Sincerely,

WFVH

Wynnie-Fred Victor Hinds

City of Newark Environmental Commission

Board of Directors

Arcelio Aponte, Chairman
Barclays

Rita E. Robles,
Vice Chairwoman
Legal Services of New Jersey

Richard Roper,
Immediate Past Chair
The Roper Group

Daniel Czerniawski,
Treasurer
Actors Federal Credit Union

Antonio Valla, Secretary
Uptown Development

Jesus Mercado, Jr.,
At Large
eXp Realty

Farhan Ali
McCarter & English, LLC.

Margaret Cammarieri
Retired

Sandra Cruz
Merck & Co., Inc.

Dr. Enrique Diloné
Self-Employed

Dawn Gammon

Steven Gomez
SEED Impact

Dr. Gayle Griffin
Retired

Eltia Montano Galarza
Montano, Galarza, LLC.

Dawn C. Robertson
PGIM Real Estate

Ivette Rosario
Rutgers University - Newark

Peter T. Rosario
President and
Chief Executive Officer

April 10, 2023

SanDonna B. Jones
Executive Director
Unified Vailsburg Services Organization
1044 South Orange Avenue
Newark, New Jersey 07106

Dear SanDonna:

On behalf of La Casa de Don Pedro, I am writing to express our commitment to collaborate with Unified Vailsburg Services Organization (UVSO) and other partners to enhance the childhood lead poison prevention efforts in Newark, particularly as part of the proposed pilot in the Vailsburg community of the West Ward.

As you know, La Casa is a multi-service community development corporation that serves thousands of children and families daily through its various programs and services. We are a grantee of the New Jersey Department of Community Affairs' (DCA) Lead-Safe Home Remediation and HUD Lead-Based Paint Hazard Reduction Programs. Although La Casa is based in the North Ward of Newark, we are one of the designated DCA providers serving Essex County. The purpose of the program is to identify and remediate lead-based paint hazards via interim controls and lead abatement to prevent elevated blood lead levels in children and pregnant women. The program targets municipalities in New Jersey with high reported incidences of elevated blood lead levels in children under age six. Needless to say, the Vailsburg neighborhood that UVSO serves has recorded one of the highest blood lead levels in the Tri-State area.

If the proposal submitted by UVSO, in collaboration with Columbia University, to the EPA Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program is funded, it is La Casa's intent to collaborate however needed in the remediation of eligible homes.

We remain committed to this work and look forward to possibly working with UVSO in improving the health and wellness of our residents and families.

Respectfully,

Peter Rosario
President & CEO

Lukas Helmbrecht
LumetalliX B.V.
Science Park 104
1098XG Amsterdam
Ex. 6 - Personal Privacy (PP)

Amsterdam, April 11th, 2023

SanDonna B. Jones, Executive Director
Unified Vailsburg Services Organization
1044 South Orange Avenue Newark, NJ 07106 US
Ex. 6 - Personal Privacy (PP) <sbjones@uvso.org>

Subject: Letter of Support for LumetalliX and UVSO Project Collaboration

Dear Ms. Jones,

We are pleased to express our enthusiasm for collaborating with Unified Vailsburg Services Organization (UVSO) in the fight against Lead poisoning in Newark. This initiative was brought to our attention by Lex van Geen at Columbia University, with whom we have been working on previous projects to empower local communities to protect their health through accessible Lead testing.

LumetalliX offers the most user-friendly, rapid, and reliable Lead-test on the market. Considering that 1 in 3 children worldwide have elevated blood Lead levels, it is evident that the key to addressing this crisis is enabling individuals to perform self-testing with a reliable yet affordable test. Our Lead detection solution accomplishes this by making Lead directly observable to the naked eye, glowing bright green upon detection.

The key components of the LumetalliX test kit are a harmless spray and a specialized flashlight designed for easy and safe application by the general public. Users can simply spray on paint, dust, plastic, ceramics, and other surfaces to see potential Lead light up.

Our mission is to make Lead testing available to everyone, which aligns seamlessly with UVSO's efforts to empower communities to safeguard themselves and create a healthier future for their children. We are eager to support this project in any way we can, offering test kits at an 80% discount and providing scientific and technical expertise at no extra cost.

We wish UVSO the best of luck in securing funding for this project and eagerly anticipate our collaboration in creating safer homes with reduced Lead exposure.

Warm regards,

Lukas Helmbrecht
CEO & Co-Founder

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BIOGRAPHICAL SKETCH

NAME: Redacted

POSITION TITLE & INSTITUTION: Executive Director, Unified Vailsburg Services Organization

A. PROFESSIONAL PREPARATION -

INSTITUTION	LOCATION	MAJOR/AREA OF STUDY	DEGREE (if applicable)	YEAR (YYYY)
Yale University	Connecticut	Psychology, Philosophy		1993
Harvard Institute on Affordable Housing	Massachusetts	Affordable Housing		1997
Columbia School of Business	New York	Institute for Non-Profit Management		2001

B. APPOINTMENTS -

From - To	Position Title, Organization and Location
2019 - Present	Executive Director Unified Vailsburg Services Organization Newark, New Jersey
2004 - 2019	YouthBuild Newark (Newark Opportunity Youth Network) Newark, New Jersey -- 2018 - 2019 Executive Director, Administration and Development -- 2012 - 2018 Deputy Executive Director -- 2007 - 2012 Director, Grants and Administration -- 2004 - 2007 Development Coordinator
2001 - 2010	SBJ Consulting, Inc. New Jersey and New York
2003 - 2005	Entrepreneurial Training Institute Facilitator New Jersey Economid Development Authority Newark and Trenton, New Jersey
1996 - 2001	Coordinator Newark Community Development Network Newark, New Jersey

BIOGRAPHICAL SKETCH

NAME: Redacted

POSITION TITLE & INSTITUTION: Lamont Research Professor, Columbia University

(a) PROFESSIONAL PREPARATION -

INSTITUTION	LOCATION	MAJOR / AREA OF STUDY	DEGREE (if applicable)	YEAR YYYY
University of Washington	Seattle, Washington	Chemistry/Oceanography	BS	1982
Massachusetts Institute of Technology/Woods Hole Oceanographic Institution	Cambridge, Massachusetts	Chemical Oceanography	PHD	1989
Stanford University	Palo Alto, California	Civil & Environmental Engineering	Postdoctoral Fellow	1989 - 1990
US Geological Survey	Menlo Park, California	Water Resources Division	Postdoctoral Fellow	1990 - 1993

(b) APPOINTMENTS -

2010 - present Lamont Research Professor, Columbia University, Palisades, NY
2000 - 2010 Doherty Senior Research Scientist, Columbia University, Palisades, NY
1997 - 2000 Research Scientist, Columbia University, Palisades, NY
1994 - 1997 Associate Research Scientist, Columbia University, Palisades, NY
1990 - 1993 Post-doctoral investigator, US Geological Survey, Menlo Park, CA
1989 - 1990 NATO-supported postdoctoral fellow , Stanford University, Palo Alto, CA
1984 - 1989 Research assistant, Massachusetts Institute of Technology, Cambridge, MA
1982 - 1983 Watch officer on research vessel, Dutch Navy, Den Helder

(c) PRODUCTS -

Products Most Closely Related to the Proposed Project

1. Redacted Does Involving Parents in Soil Sampling Identify Causes of Child Exposure to Lead? A Case Study of Community Engagement in Mining-Impacted Towns in Peru. Geohealth. 2019 Aug;3(8):218-236. PubMed Central PMCID: PMC7007120.
2. Redacted Testing Homes for Potential Sources of Lead Exposure as a High-School Science Project. Geohealth. 2021 Nov;5(11):e2021GH000498. PubMed Central PMCID: PMC8576849.
3. Redacted New Approaches to Identifying and Reducing the Global Burden of Disease From Pollution. Geohealth. 2020 Apr;4(4):e2018GH000167. PubMed Central PMCID: PMC7097880.
4. Redacted Fallout of Lead Over Paris From the 2019 Notre-Dame Cathedral Fire. Geohealth. 2020 Aug;4(8):e2020GH000279. PubMed Central PMCID: PMC8027784.
5. Redacted Well-Switching to Reduce Arsenic

Exposure in Bangladesh: Making the Most of Inaccurate Field Kit Measurements. Geohealth. 2021 Dec;5(12):e2021GH000464. PubMed Central PMCID: PMC8670558.

Other Significant Products, Whether or Not Related to the Proposed Project

1. Redacted Can information alone change behavior? Response to arsenic contamination of groundwater in Bangladesh. Journal of Development Economics. 2006 December 20; 84(2):731. Available from: https://www.sciencedirect.com/science/article/abs/pii/S030438780600201X#! DOI: doi.org/10.1016/j.jdeveco.2006.12.002
2. Redacted Effectiveness of Different Approaches to Arsenic Mitigation over 18 Years in Araihazar, Bangladesh: Implications for National Policy. Environ Sci Technol. 2019 May 21;53(10):5596-5604. PubMed Central PMCID: PMC6535723.
3. Redacted Redacted Arsenic exposure from drinking water, and all-cause and chronic-disease mortalities in Bangladesh (HEALS): a prospective cohort study. Lancet. 2010 Jul 24;376(9737):252-8. PubMed Central PMCID: PMC3951449.
4. Redacted Redacted Redacted Promotion of well-switching to mitigate the current arsenic crisis in Bangladesh. Bull World Health Organ. 2002;80(9):732-7. PubMed Central PMCID: PMC2567605.
5. Redacted Redacted Arsenic contamination of Bangladesh aquifers exacerbated by clay layers. Nat Commun. 2020 May 7;11(1):2244. PubMed Central PMCID: PMC7205959.

(d) SYNERGISTIC ACTIVITIES -

1. American Geophysical Union annual meeting, San Francisco. Convener of session entitled "Water in the Coupled Earth-Human System: Convergent Science Addressing Societal Water and Health Needs". 2019
2. Provided sampling and analytical support to a team of Reuters reporters investigating the state of housing on US military bases. This triggered a multi-million dollar testing and remediation plan to reduce Pb exposure (https://www.reuters.com/investigates/section/usa-military/). 2018
3. Convener of two International Continental Scientific Drilling Program/NSF workshops to develop new sampling technologies for groundwater studies, Salt Lake City and Hanoi. 2010-11
4. Co-convener of AGU Chapman conference on arsenic in groundwater of southern Asia held in Siem Reap, Cambodia, that led to a well-cited 2010 Review in Science. 2009
5. Hosted discussion by international team of scientists at American Chemical Society meeting that led to a Policy Forum on arsenic mitigation that appeared in Science. 2006

BIOGRAPHICAL SKETCH

NAME: Redacted

eRA COMMONS USER NAME (credential, e.g., agency login): Redacted

POSITION TITLE: Vice Chair for Research Department of Epidemiology

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)*

INSTITUTION AND LOCATION	DEGREE (if applicable)	END DATE MM/YYYY	FIELD OF STUDY
University of Rochester, Rochester, New York	AB	05/1977	Chemistry
Harvard School of Public Health, Boston, MA	MS	05/1979	Epidemiology
Yale University, New Haven, CT	MPHIL	05/1981	Epidemiology
Columbia University, New York, New York	PHD	05/1992	Epidemiology

Relevant Publications (from a total of 210):

Redacted

Redacted

Redacted. Mixed metals exposure and cognitive function in Bangladeshi adolescents. Ecotoxicology and Environmental Safety. 2022; Mar 1;232:113229. doi: 10.1016/j.ecoenv.2022.113229. Epub 2022 Feb 4.

Redacted. Long-term effects of environmental lead on erythropoietin production in young adults: a follow up study of a prospective cohort in Kosovo. Journal of Environmental and Public Health 2020; 2020: 3646252.

Redacted

Redacted. Prenatal and early childhood exposure to phthalates and childhood behavior at age 7 years. Environment International 2020; 143:105894.

Redacted. Perinatal phthalates exposure decreases fine-motor functions in 11-year old girls: Results from weighted quantile sum regression. Environment International 2020; 136:105424 doi: 10.1016/j.envint.2019.105424

Redacted

Redacted

Redacted. Water arsenic exposure and intellectual function in adolescence in Araihazar, Bangladesh. Environment International 2018; 118:304-313.

Redacted. Long term effects of environmental lead exposure on blood pressure and plasma soluble cell adhesion molecules in young adults: a follow up study of a prospective cohort in Kosovo. Journal of Environmental and Public Health 2018; doi: 10.1155/2018/3180487.

Redacted

Redacted. Child intelligence and reductions in water arsenic and manganese: a two-year follow up study in Bangladesh. Environmental Health Perspectives 2016; 124:1114-1120.

Redacted. Persistent effects of maternal prenatal exposure to phthalates on child IQ at age 7 years. PLoS One, 2014; 9(12):e114003.

Redacted. Is blood lead level associated with thyroid dysfunction during pregnancy? Results from the Yugoslavia Prospective Study of Environmental

Lead Exposure. Environmental Health Perspectives, 2014; 122: 1134-1140.

Redacted

Redacted Prenatal exposure to lead, delta-aminolevulinic acid, and schizophrenia: further evidence. Environmental Health Perspectives 2008; 116:1586-1590.

Redacted Developmental impacts of heavy metals and undernutrition. Basic Clinical Pharmacology and Toxicology. 2008; 102:212-7.

Redacted

Methodology, inference and causation: the relationship between blood lead, bone lead and child intelligence. Neuropsychology and Developmental Cognition Section C Child Neuropsychology 2003; 9:22-34.

Redacted Methodology, inference and causation: environmental lead exposure and childhood intelligence. Archives of Clinical Neuropsychology 2001; 16:343-352.

Redacted The Yugoslavia prospective lead study: contributions of prenatal and postnatal lead exposure to early intelligence. Neurotoxicology and Teratology 2000; 22:811-816.

Redacted The Yugoslavia prospective lead study: contributions of prenatal and postnatal lead exposure to early intelligence. Neurotoxicology and Teratology 2000; 22:811-816.

Redacted The Yugoslavia prospective study of environmental lead exposure. Environmental Health Perspectives 1999; 107: 9-15.

Redacted

Redacted Hyperproduction of erythropoietin in lead-exposed children. Environmental Health Perspectives 1998; 106: 361-364.

Redacted

Redacted Lead exposure and intelligence in 7-year old children: the Yugoslavia prospective study. Environmental Health Perspectives 1997; 105: 956-963.

Redacted

Redacted A prospective study of birthweight and length of gestation in a population surrounding a lead smelter in Kosovo, Yugoslavia. International Journal of Epidemiology 1991; 20:722-728.

Redacted Depressed serum erythropoietin in pregnant women with elevated blood lead. Archives of Environmental Health 1991; 46:347-350.

Redacted Increased proteinuria among a cohort of lead exposed pregnant women. Environmental Health Perspectives 1993; 101:418-421.

Redacted

Redacted

Consequences of lead exposure and iron supplementation on childhood development at age four years. Neurotoxicology and Teratology 1994; 16:233-240.

Redacted

Employment since 1996

2005-now Professor of economics, Columbia University

Summer 2006 Acting Director of Finance/Treasurer/Chief Financial Officer, City of Newark, New Jersey. Responsible for the financial affairs of the largest city in New Jersey with an annual budget of about $900 million.

1996-2005 Associate professor, Department of Economics and Department of.

Education

Harvard University, Ph.D; A.B..

Selected Publications

Homelessness and housing policy

"Aggregate-level inferences from individual-level data: The case of permanent supportive housing and Housing First," forthcoming, Journal of Housing Economics.

"Why it won't ever be 2019 again," 2021, keynote address at FEANTSA annual research conference; forthcoming, European Journal of Homelessness. Published 2022 in European Journal of Homelessness, 16 (2): 231-250.

"Homelessness research: A guide for economists (and friends)," 2019, Journal of Housing Economics 44: 1-25.

"Homelessness prevention: On average, it works" with Redacted 2016, Journal of Housing Economics 31(1):14-34.

"How New York and Los Angeles housing policies are different—and maybe why," with Redacted Redacted 2013. In: David Halle and Andrew A. Beveridge, editors, New York and Los Angeles: The Uncertain Future, pp. 286-309. New York: Oxford University Press.

.

How to House the Homeless. Co-editor, with Redacted 2010. New York: Russell Sage.

"When should homeless families get subsidized apartments?" 2009, Journal of Housing Economics 18 (2): 69-80.

"Homeless shelters for single adults: Why does their population change?" with Redacted 2008, Social Service Review 82 (3): 511-50.

"Fewer subsidized exits and a recession: How New York City's family homeless shelter population became immense," with Redacted 2006, Journal of Housing Economics 15 (2): 99-125.

"Wrong person and wrong place: For homelessness, the conjunction is what matters," 2004, Journal of Housing Economics 13 (1): 1-15.

"Do homeless shelter conditions determine shelter population? The case of the Dinkins deluge," 1999, with Redacted Journal of Urban Economics 46: 377-415.

Making Room: The Economics of Homelessness. Cambridge, MA: Harvard University Press, 1996. Chosen by Association of American Publishers as the best economics book of 1996.

"An economic theory of housing and homelessness," 1995, Journal of Housing Economics 4: 13-49.

Race
The Economics of Race in the United States. Cambridge, MA: Harvard University Press, 2015.

"Apes, essences, and races: What natural scientists believed about human variation, 1700-1900," with Jill Shapiro, 2004. In David Colander, Robert Prasch, and Falguni Sheth, editors, Racism, Liberalism, and Economics. Ann Arbor: University of Michigan Press.

Crime
Shadows of Doubt: Crime, Stereotypes, and the Pursuit of Justice. With Redacted Cambridge, MA: Harvard University Press, 2019.

"Urban crime," 2015, with Rajiv Sethi, pp. 1519-1621 in Gilles Duranton, J. Vernon Henderson, and William Strange, eds., Handbook of Regional and Urban Economics, volume 5B. Amsterdam: Elsevier.

"Racial stereotypes and robbery," with Redacted 2008, Journal of Economic Behavior and Organization 68 (3-4): 511-524.

"Why repeated criminal opportunities matter: A dynamic stochastic analysis of criminal decision-making," 1998, Journal of Law, Economics, and Organization 14: 232-55.

Other urban economics
"What happens when you give money to panhandlers," with Redacted and Redacted, 2019, Journal of Urban Economics (108): 107-123.

City Economics. Cambridge, MA: Harvard University Press, 2005. Chinese translation: Beijing, Renmin University Press, 2015.

Other
"Technical progress, globalization, and speed of change: What track and field records show," with Redacted Redacted 2001, Journal of Political Economy 109: 1132-49.

"Some results on two-armed bandits when both projects vary," 1989, Journal of Applied Probability 26: 655-58.

"Potential Pareto optimality of risky projects," 1986, Quarterly Journal of Economics 51: 648-52.

BIOGRAPHICAL SKETCH

NAME: Redacted

POSITION TITLE & INSTITUTION: Executive Director, Weequahic Park Association

A. PROFESSIONAL PREPARATION -

INSTITUTION	LOCATION	MAJOR/AREA OF STUDY	DEGREE (if applicable)	YEAR (YYYY)
Brooklyn College	Brooklyn, NY	Bio-Chem/Liberal Arts	NA	1983
The City College of New York	New York, NY	Management & Administration/Economics	B.A.	1989
Université de Genève	Geneva, Switzerland	Social Sciences & Economics	NA	1990
The New School University	New York, NY	International Relations	M.S.	2008

B. APPOINTMENTS -

From - To	Position Title, Organization and Location
2018-Present	Executive Director, Weequahic Park Association, Newark, NJ
2017-Present	Commissioner, City of Newark Environmental Commission, Newark, NJ
05/2019-03/2020	Community Outreach & Engagement Manager, Association for New Jersey Environmental Commissions (ANJEC), Morristown, NJ
02/2017-05/2017	West Ward Climate Resiliency Coordinator, New Jersey Environmental Justice Alliance. (NJEJA), Trenton, Newark, New Jersey

C. PRODUCTS –

Products Most Closely Related to the Proposed Project

Redacted "Do we really need an Amazon Air Hub at Newark Airport?". nj.com True Jersey, 17 March 2022, https://www.nj.com/opinion/2022/03/do-we-really-need-an-amazon-air-hub-at-newark-airport-opinion.html?fbclid=IwAR1I5idY5d90msSSM-ykQPEiMrfEzqBGPEjw_DanmYDHcdGK-P213Zt09w8

Redacted "Managing NJ's urban stormwater". ANJEC Report: Local Environment Matters, Vol. 40, No. 2, Spring 2020, p.16.

Redacted "New Jersey municipalities strive to become EV-Friendly". ANJEC Report: Local Environment Matters, Vol. 39, No. 4, Autumn 2019, p. 9

BIOGRAPHICAL SKETCH

NAME: Redacted

POSITION TITLE & INSTITUTION: CEO & Co-Founder, LumetalliX

(a)PROFESSIONAL PREPARATION -

INSTITUTION	LOCATION	MAJOR / AREA OF STUDY	DEGREE (if applicable)	YEAR YYYY
University of Duisburg Essen	Duisburg, Germany	Nanotechnology	BS	2011
University of Duisburg Essen	Duisburg, Germany	Nanotechnology	MS	2015
University of Amsterdam / National Dutch Research Institute AMOLF	Amsterdam The Netherlands	Chemistry	PhD	2016-2020

(b)APPOINTMENTS -

2021 - present CEO & co-founder, LumetalliX, Amsterdam, The Netherlands
2020 - 2020 Junior researcher, AMOLF, Amsterdam, The Netherlands
2016 - 2020 PhD researcher, AMOLF, Amsterdam, The Netherlands
2013 - 2015 Co-founder of Kaiserberg Seminare Gbr, Duisburg, Germany
2008 - 2014 Student assistant and tutor, University of Duisburg Essen, Duisburg, Germany.

(c) PRODUCTS -

Other Significant Products, Whether or Not Related to the Proposed Project

1. Redacted Shape-preserving transformation of carbonate minerals into lead halide perovskite semiconductors based on ion exchange/insertion reactions. Nature Chemistry 10, 740–745 (2018). https://doi.org/10.1038/s41557-018-0064-1
2. Redacted on Exchange Lithography: Localized Ion Exchange Reactions for Spatial Patterning of Perovskite Semiconductors and Insulators. Adv. Mater. 2021, 33, 2005291. https://doi.org/10.1002/adma.202005291
3. Redacted Redacted Directed Emission from Self-Assembled Microhelices. Adv. Funct. Mater. 2020, 30, 1908218. https://doi.org/10.1002/adfm.201908218

Internal Revenue Service
District Director

Department of the Treasury

P. O. Box 2508
Cincinnati, OH 45201

Date: OCT 25 1996

Person to Contact:
Gordon Schnur
Telephone Number:
Ex. 6 - Personal Privacy (PP)

OCT 29 RECD

Fax Number
Ex. 6 - Personal Privacy (PP)
Federal Identification Number:
23-7304852

Unified Vailsburg Services
40-42 Richelieu Ter.
Newark, NJ 07106-1634

Dear Sir or Madam:

This letter is in response to your request for a copy of your organization's determination letter. This letter will take the place of the copy you requested.

Our records indicate that a determination letter issued in August 1973 granted your organization exemption from federal income tax under section 501(c)(3) of the Internal Revenue Code. That letter is still in effect.

Based on information subsequently submitted, we classified your organization as one that is not a private foundation within the meaning of section 509(a) of the Code because it is an organization described in section 509(a)(1) and 170(b)(1)(A)(vi).

This classification was based on the assumption that your organization's operations would continue as stated in the application. If your organization's sources of support, or its character, method of operations, or purposes have changed, please let us know so we can consider the effect of the change on the exempt status and foundation status of your organization.

Your organization is required to file Form 990, Return of Organization Exempt from Income Tax, only if its gross receipts each year are normally more than $25,000. If a return is required, it must be filed by the 15th day of the fifth month after the end of the organization's annual accounting period. The law imposes a penalty of $10 a day, up to a maximum of $5,000, when a return is filed late, unless there is reasonable cause for the delay.

All exempt organizations (unless specifically excluded) are liable for taxes under the Federal Insurance Contributions Act (social security taxes) on remuneration of $100 or more paid to each employee during a calendar year. Your organization is not liable for the tax imposed under the Federal Unemployment Tax Act (FUTA).

Organizations that are not private foundations are not subject to the excise taxes under Chapter 42 of the Code. However, these organizations are not automatically exempt from other federal excise taxes.

Unified Vailsburg Services
23-7304852

Donors may deduct contributions to your organization as provided in section 170 of the Code. Bequests, legacies, devises, transfers, or gifts to your organization or for its use are deductible for federal estate and gift tax purposes if they meet the applicable provisions of sections 2055, 2106, and 2522 of the Code.

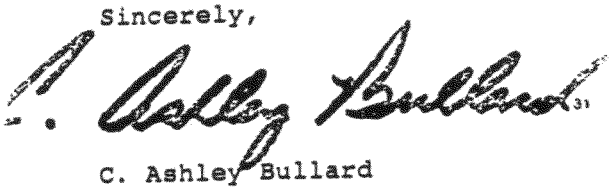
Your organization is not required to file federal income tax returns unless it is subject to the tax on unrelated business income under section 511 of the Code. If your organization is subject to this tax, it must file an income tax return on the Form 990-T, Exempt Organization Business Income Tax Return. In this letter, we are not determining whether any of your organization's present or proposed activities are unrelated trade or business as defined in section 513 of the Code.

Because this letter could help resolve any questions about your organization's exempt status and foundation status, you should keep it with the organization's permanent records.

Please direct any questions to the person identified in the letterhead above.

This letter affirms your organization's exempt status.

Sincerely,



C. Ashley Bullard
District Director

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Urban Green Council

Address: 55 Broad Street 9th floor

City: NEW YORK

State: NY: New York Zip Code: 10004

B. Unique Entity Identifier (UEI): N8JJYV1PJZ56

C. Applicant/Recipient Point of Contact

Name: Christina Anjesky

Phone: Ex. 6 Personal Privacy (PP)

Email: ca@urbangreencouncil.org

Title: Senior Director, Strategy

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

none

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

none

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

none

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII.	**Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)**	☒ Yes	☐ No
	a. Do the methods of notice accommodate those with impaired vision or hearing?	☒ Yes	☐ No
	b. Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?	☒ Yes	☐ No
	c. Does the notice identify a designated civil rights coordinator?	☐ Yes	☐ No
VIII.	**Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))**	☒ Yes	☐ No
IX.	**Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))**	☐ Yes	☒ No

X. If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.

not applicable

XI. If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.

not applicable

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Christina Anjesky	Senior Director	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Chris | Middle Name:
Last Name: Anjesky | Suffix:
Title: Senior Director
Complete Address:
Street1: 55 Broad Street, 9th Floor
Street2:
City: New York | State: NY: New York
Zip / Postal Code: 10004 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: ca@urbangreencouncil.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Casey | Middle Name:
Last Name: Eisenreich | Suffix:
Title: Operations Manager
Complete Address:
Street1: 55 Broad Street 9th floor
Street2:
City: NEW YORK | State: NY: New York
Zip / Postal Code: 10004 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: ce@urbangreencouncil.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Casey | Middle Name:
Last Name: Eisenreich | Suffix:
Title: Operations Manager
Complete Address:
Street1: 55 Broad Street 9th floor
Street2:
City: NEW YORK | State: NY: New York
Zip / Postal Code: 10004 | Country: USA: UNITED STATES
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EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

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EPA Form 5700-54 (Rev 4-02)

APPLICATION WORK PLAN

1.0 Program Objectives

a. Project Summary Page

Project Title: Community Initiatives to Reduce Childhood Lead Exposure (CIRCLE)

Project Location: Vailsburg neighborhood, Newark, NJ 070106

Applicant information: Unified Vailsburg Services Organization Ex. 6 - Personal Privacy (PP)
1044 South Orange Avenue Newark, NJ 07106 US
SanDonna B. Jones, Executive Director, Ex. 6 - Personal Privacy (PP)

Description of community-based organization (CBO):

Unified Vailsburg Services Organization (UVSO) was founded as an ecumenical coalition with a mission to stabilize the neighborhood in 1972 and now serves an average of 1,200 Vailsburg residents every day through a wide range of programs. These include: two (2) preschool centers, two (2) Early Head Start centers, two (2) public school-based after-school programs, a teen center, community organizing, neighborhood planning, affordable housing management, and a variety of extracurricular activities at no cost to participating families. This application is not intended for the Small CBO Set Aside Track.

Project Abstract

Background: Half a million US children, often living in low socio-economic status communities, still ingest lead in the form of paint chips, dust, soil, or water.

Main Objective: The goal of this project is to evaluate if engaging impacted households and communities directly in testing paint and house dust using a kit helps reduce lead exposure.

Activities: We will evaluate this approach in the Vailsburg neighborhood (pop. 35,000) of Newark, New Jersey, where lead exposure has historically been high. UVSO will offer a kit for testing lead and house dust to all women who give birth in Vailsburg over the study period. Follow-up will be provided to interpret kit results, along with X-ray fluorescence spectroscopy verification by certified lead inspectors and facilitation of City of Newark financing of lead remediation.

Outputs: We aim for participation of a majority of the ~500 women giving birth in Vailsburg over a 12-month period and expect a similar number of requests from families with small children. Assuming an average of 10 tests per home, the project will yield up to 10,000 kit measurements, with follow-up required by City of Newark inspectors in an estimated 10% of homes.

Outcomes: We expect average blood-lead levels reported by pediatricians and hospitals in Vailsburg to decline to the average of neighboring areas over the study period. If confirmed by analysis with our academic partner, such an outcome will provide an argument for expanding community-based testing for lead-based paint and dust throughout the US.

Special Consideration: The project will lead to a Health Impact Assessment of the intervention.

Environmental issue: Child exposure to lead-based paint in disproportionately impacted area.

Project Type: Training, technical evaluation, citizen science, and health impact assessment.

List of Project Partners: Unified Vailsburg Services Organization, City of Newark Department of Health and Community Wellness, Newark Environmental Commission, La Casa de Don Pedro, and Columbia University.

Quality Assurance Project Plan: This will be required as new data will be collected.

b. Environmental and Public Health information of the Underserved Community

Vailsburg was annexed by Newark in 1905 as an independent suburb, and is now the westernmost neighborhood within the city, separated from the rest of Newark by the Garden State Parkway and the former Pabst brewery. There is a large stock of single-family and two-family housing units, including many Dutch Colonial and Victorian inspired homes, as well as the Ivy Hill Park Apartments, New Jersey's largest rental complex. Vailsburg has some abandoned properties and other signs of urban decay, but there are also many well-maintained homes and streets. Much of Vailsburg's current population are immigrants from West Africa and West Indies, with many Haitian, Guyanese and Jamaican establishments. There is also a growing population of immigrants from Ghana, Nigeria and Liberia in the neighborhood, as well as Ukrainians. There are several charter schools and four (4) elementary (K-8) schools serving Vailsburg, which include Ivy Hill Elementary School, Lincoln Elementary School, Mount Vernon Elementary School, and Speedway Academies, but no high school.

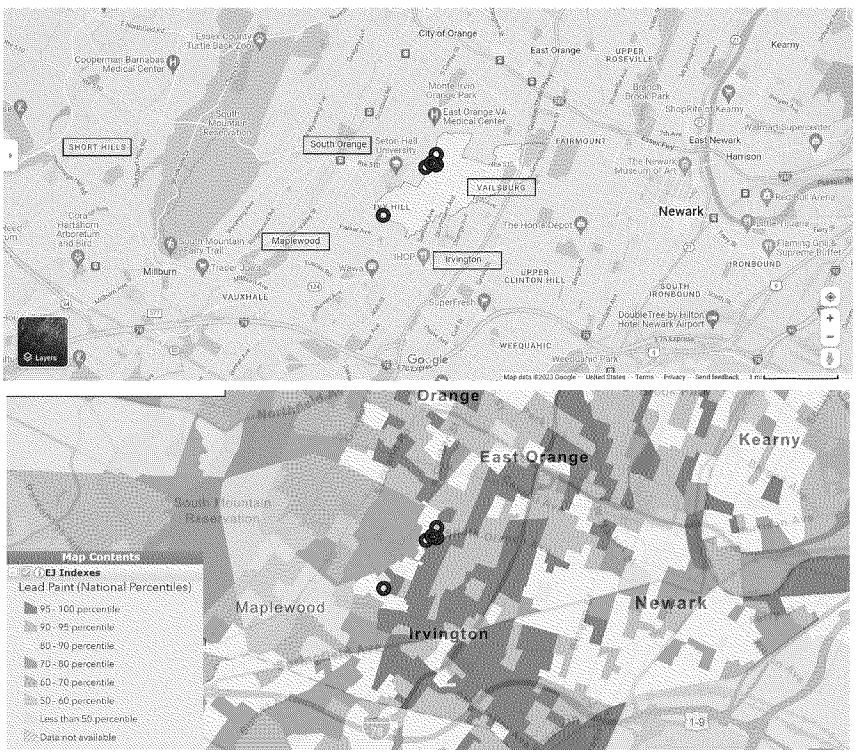

Figure 1. (a) Google Map of Newark, New Jersey, centered on the Vailsburg neighborhood, outlined in red. The towns of Irvington, South Orange, Maplewood, and Short Hills referred to later in the text and Figure 2 are also shown here. (b) Occurrence of lead paint, as displayed by the EPA EJScreen Mapping Tool. The location of UVSO facilities is shown by red circles.

<u>History of child exposure to lead in the US and in Vailsburg specifically:</u>

The US banned sales of lead-based paint for residential use in 1978 and subsequently phased out the addition of lead to gasoline until its complete ban in 1996. As a result of both these interventions, the proportion of children under six with blood-lead concentrations >5 µg/dL in the US declined dramatically from >99% to <1% in 40 years (Pirkle et al., 1994; Tsoi et al., 2016). This is good news because early-life exposure to lead is now clearly implicated in diminished intellectual function in children, learning and behavioral difficulties at school, juvenile detention, as well as reduced income and increased hypertension and cardiovascular disease later in life (Grosse et al., 2002; Navas-Acien et al., 2007; Tsoi et al., 2016; Roberts et al., 2017; Aizer and Curry, 2019).

The dramatic decline does not mean children's lead exposure has ended everywhere in the

country. One example is the neighborhood of Vailsburg (zip code 07106) in Newark, New Jersey, where UVSO is based and which is the focus of this project (Fig. 1). Despite the dramatic reduction in lead exposure recorded throughout the US including Vailsburg, a plateau was reached around 2012 (Fig. 2). As recently as 2015, the proportion of children with blood levels >5 µg/dL in Vailsburg and one adjacent zip code area to the south (Irvington, 07111) was 8%, twice as high as the 4% proportion in the two adjacent wealthier zip code areas (South Orange, 07079; Maplewood, 07040, Fig. 2). In 2015 and several previous years, not one child similarly exposed to lead was recorded in nearby Short Hills (zip code 07078), one of the wealthiest areas in the US. The spatial contrast in child lead exposure may be even more pronounced as the proportion of children whose blood is tested in Vailsburg is lower than in other parts of Newark. In 2015, the proportion in Vailsburg was 40% (ACNJ, 2018), compared to 70% in the adjacent Clinton Hill neighborhood (zip code 07108) which has a similar proportion of people of color.

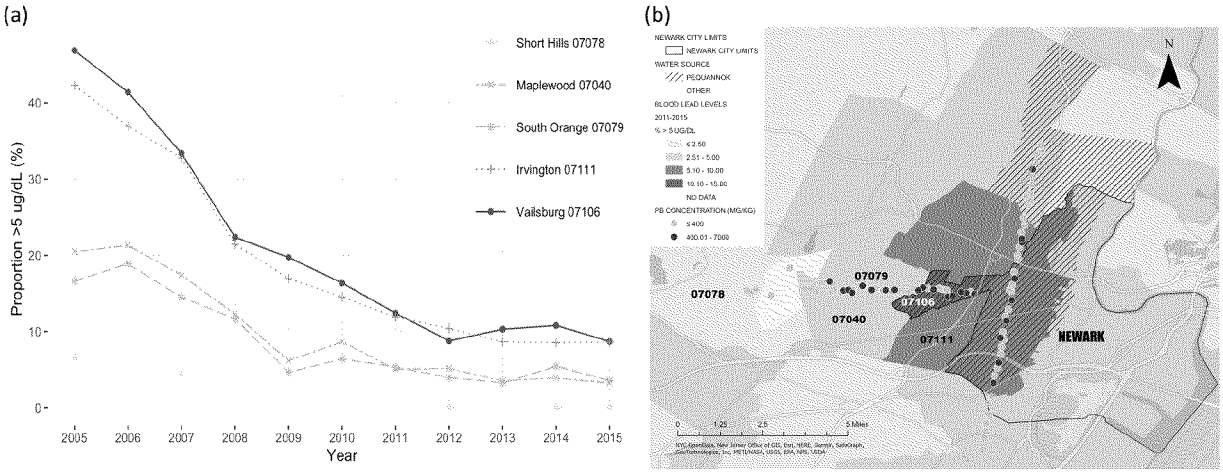

Figure 2. (a) Time series showing a declining proportion of children under six with blood-lead levels >5 µg/dL in Vailsburg, New Jersey, and 3 additional zip code areas. (b) Map of Vailsburg and surrounding areas showing the proportion of children under six exposed to lead. Also shown are soil-lead data obtained by our academic partner relative to the EPA standard of 400 ppm for bare soil in residential areas where children play. Diagonal hatching shows the area served by the Pequannock municipal water treatment plant (CDM Smith, 2018).

According to the Centers for Disease Control and Prevention (CDC), about 500,000 children in the US, often living in low socio-economic status neighborhoods, still ingest chips of old lead-based paint, play in areas where soil is contaminated with legacy lead from gasoline and other sources, or drink water supplied by lead pipes. Since no level of exposure to lead is safe, the CDC introduced in 2012 a blood-lead "reference value" corresponding to the 97.5th percentile of blood-lead values among US children under six. This reference level was lowered in 2021 from 5 to 3.5 µg/dL to reflect an overall decline in lead exposure in the US population.

Based on data from 21 states which responded to FOIA requests filed by Reuters in their investigation into the ongoing problem of lead exposure, the Reuters team identified a total of 2,606 census tracts and 278 zip code areas where the proportion of children with blood-lead levels over 5 µg/dL was greater than 5% between 2005-15 (Pell and Schneyer, 2016). There are still hundreds of communities around the country that are hot spots of childhood lead exposure similar to Vailsburg.

The main sources of continuing lead exposure are broadly known but the specifics vary

considerably across regions, towns, and even from one household to the next (Landrigan et al., 2018). The importance of preventing infants from ingesting lead-based paint chips and dust has long been recognized but still occurs frequently in pre-1978 housing (Lanphear et al. 1998). Elevated lead levels in tap water point to another potentially significant and highly variable source (Pieper et al., 2017), as documented in a number of US cities such as Washington DC, Flint, Michigan, and more recently Newark, New Jersey. Vailsburg is served by the Pequannock water supply system that failed to maintain a sufficiently high pH in 2016-18 and, as a result, exposed a large number of residents to elevated levels of lead released by corroding pipes, including a large proportion of lead service lines. This temporary failure has been linked to an increase in underweight births in the Pequannock service area relative to other surrounding service areas (Dave and Yan, 2022). With the massive replacement of lead service lines recently completed throughout Newark, this source of lead exposure to Vailsburg and more generally Newark residents may no longer be significant.



Figure 3. Maps of a portion of the state of New Jersey extending from Newark to Paterson. (a) Proportion of children under six tested in 2005-15 with blood-lead levels >5 µg/dL, the CDC reference value until it was lowered to 3.5 µg/dL in 2021. Compiled by investigative reporters from Reuters. Also shown are soil-lead data obtained by this proposal's academic partner, Columbia University, relative to the EPA standard for bare soil in play areas of 400 mg/kg (ppm) lead. (b) US Census Bureau's American Community Survey 5-year summary estimates of the proportion of individuals other than non-Hispanic white-alone individuals.From EJScreen.

There is also considerable evidence of a link between child lead exposure and playing in contaminated soil and/or dust from soil, although this is less frequently recognized (Lanphear et al., 1998; Mielke et al., 1999; Filippelli et al., 2018). Superfund research conducted at the Bunker Hill site in Idaho and elsewhere has shown that contaminated soil can be tracked into homes and remains a source of exposure even if the main source, such as the stacks from a smelter, has been eliminated (von Lindern et al, 2003). Motivated by this potential association, academic partner Columbia University collected close to 200 surface soil samples from public areas such parks and tree pits in Vailsburg and surrounding areas and analyzed them by X-ray fluorescence. The soil lead data show that a greater frequency of samples in Vailsburg and the nearby zip codes with elevated blood lead levels have concentrations that exceed the 400 ppm EPA standard for bare residential soil in areas where children play (Fig. 2b). To explore this association further, the transect of soil samples was recently extended to Paterson, New Jersey, another high lead

exposure town to the north of Newark. Here too, the frequency of high lead soil increases in areas with a higher proportion of people of color (Fig. 3). It is important to note that the data indicate an association and not necessarily that elevated soil lead is the cause of high child exposure. These low-income areas could, for instance, have lingering industrial pollution recorded in the soil and also contain a high proportion of dilapidated pre-1978 homes (Fig. 1b). What is clear is that lead exposure persists in such communities and that it needs to be addressed.

Goal of the project and benefits to the Vailsburg community:

This project aims to increase the effectiveness of ongoing state and city efforts to reduce child exposure to lead from the ingestion of lead-based paint and house dust. We propose using a novel approach that will directly involve the impacted community in screening for lead to identify risks at home. UVSO will distribute a new and much improved field kit to screen for lead in paint and dust at home to all women expecting a child in the Vailsburg neighborhood over a period of 12 months (Fig. 4a). If, for whatever reason, the new kit does not perform as expected during the pilot phase, the widely available 3M Lead Check kit (Fig. 4b) will be offered to participants instead. The kit will be presented at a series of community meetings and distributed during group training sessions, with individual home training as needed. In those homes where residents have identified areas of concern, UVSO will call in City of Newark certified lead inspectors equipped with X-ray fluorescence analyzers to verify the results.

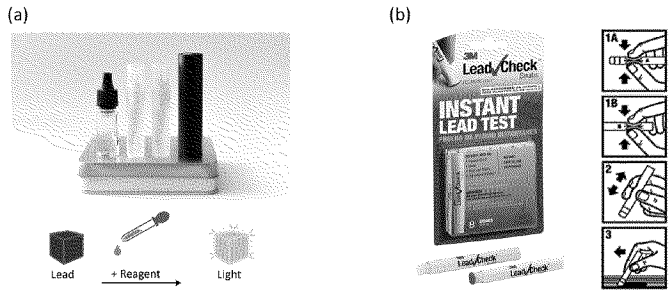

Figure 4. (a) LumetalliX kit containing a dropper dispenser, two spray bottles, and a UV flashlight. See Fig. 5 for recent application in Vailsburg. (b) 3MLead Check swabs for paint testing.

Academic partner, Columbia University, will systematically compare the kit and XRF results early in the project to ensure that the kit is not producing incorrect information. In housing where areas of concern have been confirmed by city inspectors and assessors, UVSO will ensure that participating households are aware of all lead remediation financing options available to eligible households. As a result of this intervention, we anticipate a decline in blood-lead levels for the entire Vailsburg neighborhood to the point of parity with surrounding areas that have lower exposure. Once backed by a rigorous assessment of the latest child blood-lead results from Vailsburg and surrounding zip code areas obtained from the state by academic partner, Columbia University, this outcome will provide a strong argument for expanding this new participatory approach to lead testing to dozens of impacted communities in New Jersey and hundreds more throughout the country. For example, in Paterson, New Jersey, the proportion of children with blood-lead >5 μg/dL is also greater than in surrounding areas and the proportion of people of color is also high according to the EPA Environmental Justice Screening and Mapping Tool (Fig. 2).

Health Impact Assessment

The design of this intervention sets the stage for a Health Impact Assessment at little to no additional cost because blood-lead levels are routinely measured throughout the state of New Jersey, including the Vailsburg neighborhood and surrounding zip code areas. As indicated in

New Jersey's 2020 Annual Childhood Lead Report, healthcare providers in the state are required to screen all children for lead at both 12 and 24 months of age. Children three years of age or older must be tested at least once before their sixth birthday if they had not already been screened at age one and two years. Laboratories are required to report all blood-lead tests to New Jersey's Department of Health. 78% of children born in New Jersey who turned three in 2020 received at least one blood-lead test in their lifetime. According to the New Jersey state report, the percentage of children less than six years of age with a blood-lead level that is elevated (>5 µg/dL, according to the state's definition) decreased from 2.5 to 2.1% between 2018 and 2020. In 2020, the municipalities with the highest percentage of children less than six years of age with a blood-lead level at or above 5 µg/dL include two urban centers in Essex County and are as follows: East Orange (7.1%), Trenton (6.3%), Irvington (5.7%), South Brunswick (5.0%) and Plainfield (4.5%). East Orange and Irvington are the two municipalities immediately north and south of the Vailsburg neighborhood of Newark (where blood-lead data are reported for the entirety of Newark).

Health impacts will be evaluated by comparing outcomes (below) in the period prior to the intervention to the period during and following the intervention, as well as by comparing the time trends in Vailsburg to surrounding communities, namely East Orange, Irvington, South Orange, Maplewood and Millburn/Short Hills. Health impacts to be evaluated include the following: (a) proportion of children under age 6 years with blood-lead concentrations < 5µg/dL (old CDC reference level), (b) proportion of children under age 6 years with blood-lead concentrations < 3.5 µg/dL (new CDC reference level), and (c) proportion of children who received blood-lead testing.

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c. Organization's Historical Connection to Underserved Community

UVSO was founded in 1972 as a coalition of churches and youth groups. The organization's mission at the time was to stabilize the neighborhood during a large demographic shift and now serves an average of 1,200 Vailsburg residents every day through a wide range of programs. These include two (2) preschool centers, two (2) Early Head Start centers, two (2) public school-based after-school programs, a teen center, community organizing, neighborhood planning, affordable housing management, and extracurricular activities at no cost to families.

UVSO has, over the past 50 years, worked hand-in-hand with the community (i.e. residents, small businesses, faith leaders, schools, and cross-sectoral stakeholders) to coordinate programming and services that address the neighborhood's ever-evolving needs. Whether it be the provision of affordable housing, access to quality early childhood education, provision of senior services, food distribution, and engagement in neighborhood planning, UVSO has served as a trusted institution in the Vailsburg community capable of bringing people together to address a myriad of quality of life issues. Even though UVSO has now professionalized its operations and is fairly large, it maintains its roots in the community by mandating majority participation of residents and resident business owners in the organization's governance process. It remains in close contact with neighborhood concerns, and all long-range strategic planning initiatives are developed with considerable community input. For example, UVSO interviewed four mothers of young children to assess awareness of lead exposure issues in the Vailsburg community, and found varying degrees of awareness about lead but unanimous interest in learning more about lead testing. This was true even in cases when the family lived in newer housing less at risk for lead exposure. One mother mentioned an interest in remediation even if costs were involved. Input such as this could be obtained because of UVSO's historical connection to the community.

d. EJCPS Model

All seven elements of the EJCPS model will be utilized at least partially for the proposed intervention. Element (1) *Issue Identification, Community Vision & Strategic Goal Setting* has essentially been addressed because childhood lead exposure is a well-established toxicant with multiple ramifications and existing data show that the Vailsburg neighborhood is particularly affected. At the same time, early community discussions at the pilot stage will undoubtedly affect the distribution of kits and training. The hiring of 2 full-time Lead Safety Organizers (LSOs) from the Vailsburg neighborhood and training them to become certified inspectors is at the core of Element (2) *Community Capacity-Building & Leadership Development*. UVSO's Community Engagement Manager, who is from the neighborhood, will support the logistics of the project, such as distributing kits and responding to questions from users. Element (3) *Consensus Building & Dispute Resolution* will focus on helping renting families convince their landlord to participate and seek help from the city when remediation is needed. Element (4) *Multi-Stakeholder Partnerships & Leveraging of Resources* is key for the project as the City of Newark will use its Housing and Urban Development (HUD) grant to finance remediation for eligible families, i.e. families at or below 80% Area Median Income. Element (5) *Constructive Engagement by Relevant Stakeholders* will be important but is somewhat redundant with Elements (3) and (4) in the context of this project. Due to UVSO's long history of success in carrying out projects of benefit to the Vailsburg neighborhood, along with its leadership in this project, Element (6) *Sound Management & Implementation* is safely expected to be satisfied. The Health Impact Assessment scheduled for the last phase of the project, along with the project's commitment to expand community-centered lead testing in New Jersey and other areas, addresses the final Element (7) *Evaluation, Lessons Learned, and Replication of Best Practices*.

e. Project Linkages

This project, if it is successful in the sense that (1) the kit results compare well with X-ray fluorescence data and (2) blood-lead levels in Vailsburg attain or even improve upon levels of exposure in surrounding areas, could influence the way the EPA engages with communities disproportionately impacted by environmental toxicants. The project could lead to the kit being deployed by thousands of community-based organizations and schools across the country and create a precedent for community organizations to be more directly involved in mapping lead and other toxicants. The hope is that such participation will be seen as a benefit to all stakeholders, instead of putting policy makers and elected officials on the defensive. Our expectation is that community engagement in generating data will be paired with engagement in the remediation process as well. For all these reasons, we believe this project fits squarely within EPA's Strategic Plan to protect "human health and the environment for all people, with an emphasis on historically overburdened and underserved communities."

f. Partner and Collaborate

City of Newark Department of Health and Community Well Being:

The project has been discussed extensively with the City of Newark Department of Health and Community Wellbeing (see letter). According to the 2020 Annual Childhood Lead Report for New Jersey, state law requires local health departments to investigate reported cases of blood-lead levels $\geq$5 μg/dL and to order the abatement of lead hazards identified in the course of an investigation. The procedures for conducting environmental investigations include an inspection of the child's primary residence and any secondary addresses, such as a child care center. The environmental inspection includes a determination of the presence of lead-based paint and leaded dust; the identification of locations where that paint is in a hazardous condition, such as peeling, chipping, or flaking; and, as appropriate, the presence of lead on the dwelling's exterior or soil. The licensed lead inspector/risk assessor, along with a public health nurse acting as case manager, speaks to the child's parent/guardian and completes a questionnaire to help determine any other potential sources of exposure to lead, such as water or consumer products.

In 2020, across the City of Newark (pop. 307,000 in 2021), which includes the Vailsburg neighborhood, 118 cases of elevated blood-lead levels were marked for investigation. Of these, 89 investigations were conducted with 63 of 66 cases completing the required abatement (2020 Annual Childhood Lead Report, the last year data are available). In East Orange (pop. 69,000), 40 cases of elevated blood-lead levels were determined to need investigation in 2020, with 37 investigations conducted. Abatement was required in 28 of these East Orange cases (twice as many compared to Newark when taking into account population) and completed in 27 instances. In Irvington (pop. 60,000), 44 cases of elevated blood-lead levels had to be investigated in 2020, with 27 investigations conducted (a number similar to Newark adjusting for population) and 5 of 7 cases completing the required abatement. Assuming that East Orange is more representative of the Vailsburg neighborhood than Irvington, and taking into account Vailsburg's population of 35,000, perhaps a dozen cases of abatement are required in Vailsburg in a typical year. Given that about 500 children are born each year in Vailsburg, we expect the number of required abatements to increase by several fold in response to our intervention, as more pregnant women or families with young children test their home with a kit before their child is born.

The City of Newark is the recipient of several federal HUD grants specifically for the remediation of lead hazards at home. This program is undersubscribed and should have the capacity to handle increased demand generated by community testing in Vailsburg. After

verification of a lead hazard by an LSO, UVSO will encourage the participant to contact the Department of Health for an official inspection. Whenever needed, the LSO will also facilitate discussion of remediation options.

Several recent peer-reviewed publications and unpublished reports demonstrate Columbia University's long-standing interest in lead mitigation through community participation. Geochemist Prof. Alexander van Geen worked with mothers of young children in several Peruvian mining towns and deployed a kit for screening soil for lead-contaminated mine tailings (van Geen et al., 2010; Landes et al., 2019). Another project collaborated with high school students from Westchester County, New York, in testing their and their classmates' homes for lead in paint, soil, and water (Sefchick et al., 2021). Additional projects include sampling and coring soil to map lead contamination near the site of a former smelter in the Red Hook neighborhood of Brooklyn, New York, as well as analyzing pre- and post-filter water for lead during the Newark water crisis from samples collected by viewers of the local Spanish-language TV station Univision. Columbia University also played a key role in identifying lead-based paint as a major hazard on several US military bases in collaboration with the reporters from Reuters that produced a nationwide map of historical blood-lead data.

During the 6-month preparatory stage, Columbia scientists will work with the LSOs hired by UVSO to compare field measurements that use the established 3M kit and the new LumetalliX kit. The LumetalliX kit has a lower threshold of detection (~1000 ppm) for lead than the 3M kit (5,000 ppm) (Filippelli et al., 2020) and a recent test of the LumetalliX kit at the UVSO teen center in Vailsburg showed that the LumetalliX kit is easier to use, more sensitive, and more consistent with XRF measurements on paint and house dust. Of particular interest is that the LumetalliX kit identified high lead particles in floor dust collected with a small table-top vacuum cleaner at the UVSO teen center, whereas the 3M kit did not (Fig. 4). However, wider sampling is needed before committing to the LumetalliX kit. Using X-ray fluorescence, testing of the two kits on a set of paint samples put together by Reuters containing varying lead concentrations show a comparable performance. The backup for this project will be the 3M kit, which has been evaluated (not certified) by EPA and has been sold throughout the country for over a decade.

As the academic partner for this project, Columbia University will also contribute the expertise of Prof. Brendan O'Flaherty in urban economics and Prof. Pam Factor-Litvak in public health and epidemiology. Brendan O'Flaherty is professor of economics at Columbia University and author of many papers and several books about urban economics, homelessness and housing, and race. His books include *Making Room: The Economics of Homelessness* (1996), *City Economics* (2005), *The Economics of Race in the United States* (2015), and *Shadows of Doubt* (2019, Harvard University Press). He has also served in many roles, both official and unofficial, in the City of Newark including aide to the mayor and acting chief financial officer. He grew up in Vailsburg, lived there most of his life, and has been a member of the board of directors of UVSO since 1992 and is currently treasurer of UVSO.

Pam Factor-Litvak is a professor of epidemiology at the Mailman School of Public Health, Columbia University, where she also serves as vice chair of the department of epidemiology and associate dean for research resources. She is an established environmental and life course epidemiologist who has spent over 35 years evaluating neurotoxicity in children. Beginning with her dissertation research, which took place alongside the Yugoslavia Study of Lead Exposure, Pregnancy Outcomes and Child Development, she has evaluated the long term associations between early life exposure to lead (and more recently endocrine disruptors) and child development; she has been continuously funded by NIH for this work. Most recently, she has

worked in the urban slums in low- and middle-income countries evaluating living conditions, air pollution and other modifiable environmental exposures and childhood developmental outcomes.

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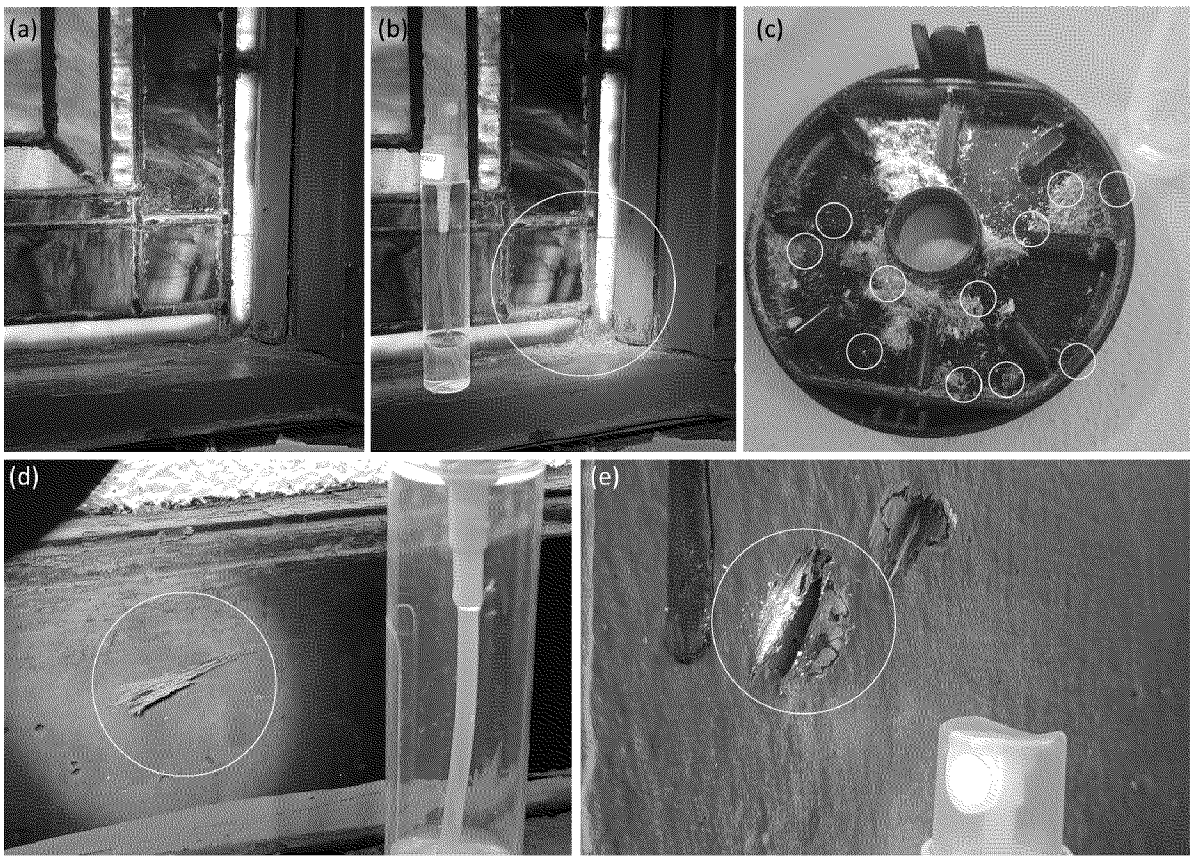


Figure 4. Photos illustrating the outcome of using the LumetalliX kit at the UVSO Teen Center, a former church that has stained glass windows encased in metallic lead. Shining the UV flashlight in a corner of one of these windows shows (a) no/(b) strong green fluorescence before/after spraying the reagent. Dust collected with a small vacuum cleaner in the same room shows (c) green fluorescent particles after spraying the LumetalliX reagent. Windows in the basement of the Teen Center were painted with lead-based paint at some point but have been painted over since, as shown by spraying the LumetalliX over two gashes (d-e) through the layers. The fluorescence is more visible by eye than in the photos.

Partner LumetalliX has developed an innovative lead test that renders lead visible to the naked eye by emitting light. This offers a possibility to reduce lead poisoning by engaging those affected by lead exposure the most to test and protect themselves and their children. The technology behind LumetalliX was invented at the Dutch national research institute AMOLF by Prof. Dr. Noorduin and Dr. Helmbrecht. The scientific principle underpinning this test involves converting lead into a semiconductor, which emits a bright green light when exposed to UV light. LumetalliX has developed a proprietary reagent capable of converting lead in any

oxidation state into the same semiconductor. While conversion reactions typically depend on controlled laboratory conditions, the LumetalliX reagent can perform this reaction in real-world settings. The technology is particularly effective for detecting lead-based paints. Users can simply spray the reagent onto paint or potential lead-contaminated dust to see the lead light up.

Since its invention, the technology has been validated through over ten thousand tests in both laboratory and real-world environments. The initial phase involved screening numerous compounds with and without lead to confirm the absence of false positives and false negatives. Currently, the technology is being trialed in Ivory Coast, where lead-based paint is still sold today. The goal of this collaboration between Ivorian and French partners with Columbia is to enable pregnant women to test their homes for lead in order to protect their unborn children.

The volunteer Newark Environmental Commission advises the Mayor and the Municipal Council on issues of the environment and sustainability. The Commission worked with environmental justice groups throughout New Jersey to gain passage of Newark's Environmental Justice and Cumulative Impacts Ordinance, the first of its kind in the United States. This ground-breaking law requires companies and other applicants that want to work in Newark to prove they are not adding to Newark's existing pollution. The law highlights the fact that Newark has long been subject to extreme levels of industrial pollution that is harmful to the health of those who live and work here. Lead exposure has been a historical challenge in the City of Newark and the Commission will help to increase awareness among residents and policymakers.

La Casa de Don Pedro is a multi-service community development corporation that serves thousands of children and families daily through its various programs and services. They are a grantee of the New Jersey Department of Community Affairs' (DCA) Lead-Safe Home Remediation and HUD Lead-Based Paint Hazard Reduction Programs. Although La Casa is based in the North Ward of Newark, they are one of the designated DCA providers serving the entirety of Essex County, which includes Vailsburg. The Vailsburg neighborhood would be an eligible area for La Casa to serve because of its particularly high blood-lead levels.

2.0 Project Activities/Milestone Schedule/Detailed Budget Narrative

a. Project Activities

(1) Hiring of Lead-Safety Organizers (LSOs): UVSO will widely advertise the creation of two full-time positions that will be central to carrying out the project and will span 2 years. Preference will be given to female applicants from the Vailsburg community or a neighboring community with similar socio-economic characteristics. Requirements will include a demonstrated interest in community involvement as well as an aptitude for grasping and communicating basic scientific concepts such as toxicant concentrations, spatial heterogeneity, and dose-response relationships.

(2) Training of LSOs: Academic partner Columbia University will train the two LSOs hired by UVSO to use the LumetalliX kit for testing lead in paint and dust and collecting samples for laboratory comparisons. The LSOs will also register for a course at Rutgers University School of Public Health to become certified lead inspectors and assessors.

(3) Ethics approval: A detailed protocol for the study will be submitted for ethics review of human subjects research, including Columbia University's Institutional Review Board and other competent authorities.

(4) Community meetings: The LSOs will hold public meetings twice a month at UVSO and other local centers to raise awareness of the risk posed by lead-based paint and lead-based paint in dust and how the risk can be reduced. Eligible participants will be encouraged to participate in

the testing program.

(5) Enrolling medical facilities: LSOs will make appointments to visit all medical offices, clinics, and hospitals, including a Veterans Administration facility, that could potentially be visited for prenatal care by pregnant women from the Vailsburg neighborhood. Most of these will be located in surrounding areas rather than Vailsburg. Flyers will be provided for recruitment.

(6) Laboratory confirmation: Paint and house dust samples provided by the LSOs will be digested and analyzed in the laboratory by inductively-coupled plasma mass spectroscopy after acid digestion at Columbia University.

(7) Training of participants: LSOs will follow-up with any member of the Vailsburg neighborhood expressing an interest in testing their home. No Vailsburg resident will be turned away but women expecting a child and households with small children will be prioritized if the demand for kits exceeds capacity.

(8) Verifying high lead readings: LSOs will visit households where high lead levels were detected in paint or house dust to verify the findings by XRF. Especially during the early phase of the project, paint and house dust samples will be collected to confirm analysis at Columbia.

(9) Calling in Newark lead inspectors: LSOs will facilitate setting up an appointment for an inspection of any homes with high lead results by the Newark Department of Health. If requested by the participant, one LSO will try to be present during the inspection.

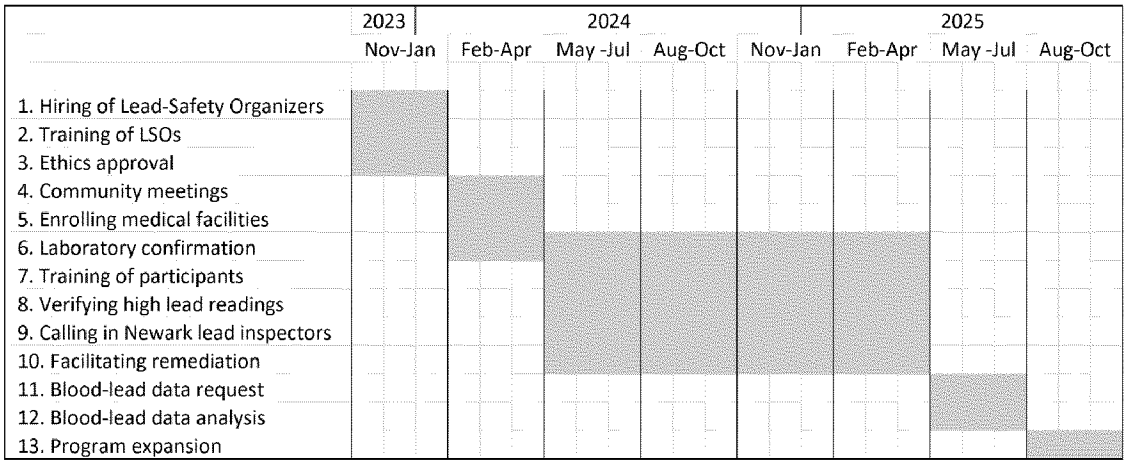
(10) Facilitating remediation: LSOs will remain in touch with participants whose lead risks were confirmed by Newark inspectors until arrangements have been made for remediation.

(11) Blood-lead data request: The City of Newark Department of Health and Community Wellness will request blood-lead data from the state Department of Health starting in 2016, the first year not covered by the Reuters data, through 2025. No identifying information beyond the zip code area will be requested.

(12) Blood-lead data analysis: Columbia University will compare Vailsburg blood-level data starting in 2016 to that of surrounding zip code areas to test for any potential change in response to the lead testing by members of the Vailsburg neighborhood.

(13) Program expansion: If blood-lead data indicate that the intervention had a positive impact relative to neighboring areas, UVSO and its partners will publicize their findings through publications and other means to encourage other communities to follow suit.

b. Milestone Schedule



c. Budget Narrative

Unified Vailsburg Services Organization (UVSO):

PERSONNEL

Senior Personnel

SanDonna Jones, Executive Director will charge 3% ($4,080/year) of her time per year to the project, with the remainder of time provided in-kind. Her role would be overall program management, including partner coordination with Columbia University, the City of Newark, La Casa de Don Pedro and others; and delegation of UVSO staff for engagement in the project.

Michael Morrison, Community Engagement Manager will devote a minimum of 20% ($12,400/year) of his time per year to the project, with any additional time provided in-kind. He will oversee the two (2) LSOs and coordinate community meetings.

Other Personnel

TBH, Lead Safety Organizers (LSOs) will devote 100% ($55,000/year X 2 persons) of their time to co-facilitate the community meetings as well as contact all medical offices, clinics, and hospitals where pregnant women from Vailsburg are likely to obtain prenatal care, most of them located outside Vailsburg but in surrounding areas. They will train residents on the LumetalliX kits as well as deploy Viken Pb200i X-ray fluorescence (XRF) analyzers to verify kit results.

Total Salaries are $151,776/year for a total of $303,552.

FRINGE BENEFITS

The current fringe benefit rate for UVSO is 20% to be accessed on all salaries at $25,296/year for a total of $50,592. This includes: FICA and related payroll costs, health, and dental benefits.

EQUIPMENT

XRF Analyzers (2):

A total of $35,590 in Year 1 to purchase two (2) XRF Analyzers to verify LumetalliX results.

PARTICIPANT SUPPORT COSTS

Incentives (tokens of appreciation) will be purchased for residents for their participation. A total of $6,090 for an estimated 1,000 participants ($3,000 in Year 1 & $3,090 in Year 2) is allocated.

SUPPLIES

A total of 1,000 tabletop vacuum cleaners (one for each participant) will be purchased so that residents can collect dust particles that are tested for lead. This totals $15,000 ($15 each).

CONTRACTUAL

A total of $99,452 to be allocated (subcontracted) to academic partner Columbia University. A total of $53,099 in Year 1 and $46,353 in Year 2 to perform the following research activities:

Training of Lead Safety Organizers (LSOs): Academic partner Columbia University will train the two LSOs hired by UVSO to use the LumetalliX kit for testing lead in paint and dust and collecting samples for laboratory comparisons.

Laboratory confirmation: Paint and house dust samples provided by the LSOs will be digested and analyzed in the laboratory by inductively-coupled plasma mass spectroscopy after acid digestion at Columbia University.

Blood-lead data analysis: Columbia University will compare Vailsburg blood-level data starting

in 2016 to that of surrounding zip code areas to test for any potential change in response to the lead testing by members of the Vailsburg neighborhood.

The itemized budget and budget justification for Columbia University are listed below.

OTHER DIRECT COSTS

Professional Development

Two (2) LSOs will enroll in the Rutgers University School of Public Health's New Jersey Lead Inspector and Risk Assessor Certification Course. This allocation includes $850 each for two (2) participants (totaling $1,700).

Following the Rutgers certification course, the two (2) LSOs will take the New Jersey Lead Certification exam ($150 for 2 participants) (totaling $300).

Printing and Production:

Collateral for the initiative will be designed and printed so that residents have pertinent information regarding the project's goals and objectives, importance of their participation, and expansive community benefits. A total of $3,570 will be allocated.

Direct costs are $264,035 in Year 1 and $201,219 in Year 2 for a total of $465,254.

INDIRECT COSTS

Indirect costs are calculated at the de minimis rate of 10% on Modified Total Direct Costs (*MTDC). The totals are $19,891 in Year 1 and $15,504 in Year 2 for a total of $35,395.

The total (Direct Costs + Indirect Costs) of this request is $499,997: $283,600 in Year 1 and $216,396 in Year 2.

**Modified Total Direct Cost (MTDC) - MTDC means all direct salaries and wages, applicable fringe benefits, materials and supplies, services, travel, and up to the first $25,000 of each subaward (regardless of the period of performance of the subawards under the award). MTDC excludes equipment, capital expenditures, charges for patient care, rental costs, tuition remission, scholarships and fellowships, participant support costs and the portion of each subaward in excess of $25,000. Other items may only be excluded when necessary to avoid a serious inequity in the distribution of indirect costs, and with the approval of the cognizant agency for indirect costs.*

<u>Columbia University:</u>

PERSONNEL

Senior Personnel

Alexander van Geen, Lamont Research Professor*, PI: a researcher at Columbia University's Lamont-Doherty Earth Observatory will devote 10% of his time in Year 1 and Year 2 at no cost to the project.

*Lamont Research Professors (LRPs) have 9-month appointments, compatible with the instructional faculty. However, LRPs are expected to raise their salary by securing external funding for their research. Lamont-Doherty Earth Observatory provides endowment-supported salary funding if necessary. Similar to instructional faculty positions, LRPs have the opportunity to receive a further 3 months of summer salary if they can raise additional funds from outside sources (dependent of course upon Federal agency guidelines for the granting of summer salary).

Brendan O'Flaherty, Professor, co-PI: a professor at Columbia University's Department of Economics will devote 5% of his time in Year 1 and Year 2 at no cost to the project.

Pam Factor-Litvak, Professor, co-PI: a professor at Columbia University's Mailman School of Public Health will devote 5% of her time in Year 1 and Year 2 at no cost to the project.

Other Personnel

TBH, Staff Associate: Support is requested to cover the salary of an experienced laboratory assistant for 2.5 months in Year 1 and 2.0 months in Year 2 of the project. This person will be responsible for preparing the field kits and supplying the labeled sample bags needed for collecting paint chips, house dust, and soil. Most of these materials will be analyzed by the UVSO-hired LSOs by X-ray fluorescence but a subset will be digested for comparison with measurements by inductively-coupled plasma mass spectrometry at Columbia University. Including 29.3% in fringe benefits, the total salary request amounts to $24,647 and $25,387 in Year 1 and Year 2 respectively. There is an estimated 3% increase per year on salaries. Columbia University's fiscal year is from July 1 to June 30.

FRINGE BENEFITS

Fringe benefits are budgeted at Columbia University's government-negotiated rate of 29.3% for regular full-time employees effective July 1, 2022 and are accessed on all the salaries (with the exception of the GRA stipend which is exempt from Fringe) listed above based on position.

OTHER DIRECT COSTS

Materials and Supplies

In Year 1 and Year 2, $9,500 in support is requested to purchase 500 LumetalliX kits ($5,000 at $15 ea.) and $2,000 in miscellaneous laboratory supplies including.

INDIRECT COSTS

Sponsored Projects Administration certifies that the Primary Places of Performance at Lamont-Doherty Earth Observatory for the proposed research supported by a subaward from the EPA grant to UVSO will occur at 61 Route 9W P. O. Box 1000 Palisades, NY 10964, at the Comer Geochemistry Building Rooms 131 and B12, located on the LDEO campus, and that the appropriate F&A rate is 55.5%.

Total Budget: $53,099 in Year 1, $46,353 in Year 2, total for both years of $99,452.

3.0 Environmental Results - Outputs, Outcomes, and Performance Measures (Logic Model)

a. Environmental Results - Outputs/Outcomes

A graphical version of the content of this paragraph is included with this proposal under Other Attachments. The resources brought to bear on this project include EPA funding of 2 full-time LSOs, preferably female, recruited from the Vailsburg neighborhood by UVSO, the cost of 2 XRF analyzers for deployment by the LSOs, and the cost of up 1,000 lead kits for distribution in the community. Activities included early in the project include training of both LSOs during a 3-day lead safety inspector and assessor course regularly offered by the Center for Public Health Workforce Development at the Rutger School of Public Health in Somerset, New Jersey. After certification, the LSOs will be able to deploy two Viken Pb200i X-ray fluorescence analyzers purchased by UVSO. In parallel, the LSOs will hold a series of well-publicized community meetings throughout Vailsburg, the primary audience of the project, and contact all medical offices, clinics, and hospitals where pregnant women from Vailsburg are likely to obtain prenatal care, most of them located outside Vailsburg but in surrounding areas. This state of preparation is anticipated over the first 6 months of the project and is expected to lead to increased awareness of the risks of lead exposure, one of the project's first outputs. Among activities over the next 12

months, LSOs will conduct regular group training sessions for kit users at UVSO or deliver kits and training at home individually when participants cannot come to these sessions. About 2-4 new participants per day are expected to be recruited over 12 months. Whenever a lead hazard has been identified by participants, a short-term outcome will be a follow-up with verification by XRF by a LSO. Throughout the project, UVSO will be the communication hub with the other partners of the project and its Community Engagement Manager will serve in this role.

The City of Newark Department of Health and Community Wellness, a partner in the project but also part of this project's audience, has committed to respond to requests for lead inspection by certified personnel in the short-term and, where needed, for support of lead remediation for eligible households using existing Housing and Urban Development grants to the city in the medium term (see letter). Contributions in-kind will include substantial amounts of time dedicated to the project by Columbia University faculty with expertise in environmental chemistry, urban economics, and environmental epidemiology. UVSO will coordinate activities among all three partners to raise awareness of lead hazards that are avoidable throughout the Vailsburg community, provide kits and training to eligible participants, trigger inspections based on the kit and, where needed, interventions to remediate the hazard by the city. UVSO will also encourage mothers of newborns in particular to have their child's blood tested for lead. The City of Newark will request childhood blood-lead data for years relevant to the project from the state Department of Health on behalf of the project. The data will then be analyzed by the academic partner to determine the impact of the intervention and the interpretation communicated to all partners, a key intermediate outcome of the project. Towards the end of the EPA-supported phase of the project, UVSO will hold a public meeting to disseminate these findings. With its partners, UVSO will consider ways of scaling up the intervention if it has been a success as measured by the number of kits used by the community and, eventually, an accelerated drop in blood-lead levels. This would be a significant long-term impact of the project, including the resulting improved health, higher educational achievement, and higher earnings for underserved communities throughout the country.

b. Performance Measurement Plan

Performance of the project will be tracked at several levels throughout the project. The first will be the (1) number of community meetings held and how well attended these meetings are. The next will be the (2) number of kits distributed and the proportion of well-documented kit results returned via a data collection app (SurveyCTO) on the participant's phone. For the subset of participants where a lead hazard has been identified in paint or house dust, one measure of performance will be how soon one of (3) the UVSO certified inspectors can verify the results and (4) how soon in turn City of Newark's certified lead inspectors conduct their testing and complete their assessment. Another measure of performance will be any potential (5) increase in the proportion of children from Vailsburg whose blood is tested at least once before they turn two. The ultimate measure of success will be any (6) decline in child blood-lead concentrations and proportion of children with blood-lead levels >3.5 μg/dL relative to the neighboring zip code areas.

c. Sustainability Plan and Environmental Justice Integration (4/100)

If the blood-lead levels in Vailsburg decline more rapidly following the use of field kits by members of the community, this will constitute a strong argument for greater participation in lead testing by impacted communities, and also for testing beyond lead, e.g. $PM_{2.5}$. It is the intention of this partnership to expand the scope of the kit testing by contacting and helping nearby

impacted communities in New Jersey (Paterson, Trenton) and New York (Newburgh, Albany, Rochester, Buffalo) that are easily identified using the Reuters map. Through EPA and HUD, we will also bring our findings to policymakers at the federal level as a way of promoting more community participation in environmental testing throughout the country.

4.0 Programmatic Capability

a. Organizational Experience

In its coordination with the Heart of Vailsburg Block Club Coalition, UVSO developed an Accountability Tool which is a form that allows residents to articulate their specific concerns (e.g. lighting, municipal services, environmental waste, code enforcement, etc.). This tool sends information to appropriate departments within the City and enables UVSO and/or block association leaders to follow-up if action is not taken. This is one example of UVSO helping to empower residents in a manner that is constructive, i.e. resolution-seeking rather than only complaint-oriented. Through years of neighborhood planning, UVSO has also helped residents and stakeholders to articulate their long-term vision of the community by convening a series of neighborhood meetings and charrettes. This new project will benefit from the residents' trust in UVSO and UVSO's long-standing working relationship with the City of Newark.

As a previous grant recipient of the EPA's Environmental Justice Small Grants Program, UVSO's project, "#GetMAD! Motivated and Doing: Solid Waste & Illegal Dumping Awareness" was a public education and awareness campaign delivered through youth publicists, journalists, and community organizers trained in the UVSO Public Relations Apprenticeship Program (PRAP) curriculum. PRAP's goal was to teach working-age youth to conduct research, investigate, produce creative content, and organize engagement activities to ignite action and reinforce behaviors that increase the quality of life in Vailsburg. The PRAP exposed environmental injustices in Vailsburg from illegal dumping and improper hazardous waste disposal.

UVSO worked with the City of Newark's Department of Neighborhood Services to host a City-Wide Clean-Up. The Vailsburg residents and community members participated and retrieved resources and information on recycling and garbage pick-up schedules. As a part of heightened awareness, a poll was issued to address garbage collection schedules. Residents decided to have garbage pick-up overnight to avoid traffic jams and ensure clean streets for students who walk to school. Project partners included the City of Newark Summer Youth Employment Program, the Office of Community Engagement of Newark Public Schools, the GEM Project, and Brown70Films, which provided students with an intensive several-week knowledge-based and technical hands-on training in photography and video.

Outputs included the facilitation of community meetings, youth-conducted research, recording and reporting on the landscape and health effects of dumping and litter, engagement of illegal dumping mitigation best-practice ambassadors; development of messaging and promotional content/materials to communicate public health concerns and best practices.

b. Staff Experience/Qualifications of Program Manager

UVSO's Executive Director will serve as the overall Program Manager. She will blend her 28+ years of experience in resource development, strategic planning, partnership-building, and overall operations. Having always worked in the civic (non-profit) sector, she is well-versed in community engagement, cross-sectoral collaboration, including community-university partnerships, and data collection. Having attended Yale University undergrad, she honed her skills at the Columbia School of Business' Institute for Non-Profit Management and learned more about housing development and preservation at the Harvard Institute on Affordable

Housing. Previous professional roles include: principal of SBJ Consulting (working with a myriad of non-profit entities); an Entrepreneurial Training Institute (ETI) Facilitator for the New Jersey Economic Development Authority (NJEDA) wherein, through the Seton Hall University Institute on Work, she mentored non-profit participants as they developed business plans for revenue-generating enterprises; Coordinator of the Newark Community Development Network (NCDN) – a coalition of community development corporations; and work with the Regional Plan Association (New Jersey Office) – an urban and transportation planning firm. These roles required project management and stakeholder engagement and training.

UVSO's Executive Director was a primary author of the "Neighborhoods" section of the City of Newark's Comprehensive Economic Development Strategy (formerly the Overall Economic Development Program) (reports published 1997, 2001, 2006). She also assisted in the community outreach and participation process of the City of Newark's master planning process – specifically the revision of the land use component (as part of the Master Plan Working Group) and beginning the revision of the overall zoning ordinance (1997 – 2001). All of these efforts required convening a broad base of stakeholders, inclusive of input from residents.

UVSO's Community Engagement Manager will support the project by overseeing the two (2) LSOs to be hired. His experience in project management and event coordination in school settings – including as a special education paraprofessional is relevant. As a Race, Equity and Inclusion Leader, he has coordinated campaigns to advocate community involvement.

Additional staff, such as Family Workers from UVSO's early childhood education centers, would support the project at no cost by interfacing daily with 400+ families with young children and have trusted relationships with parents.

c. Expenditure of Awarded Grant Funds.

UVSO has procedures and controls in place to ensure that awarded grant funds are expended in a timely and efficient manner and will be prepared to submit EPA's Administrative Capability Questionnaire (EPA Form 6600-09) before funds are awarded.

5.0 Past Performance

UVSO was previously funded under EPA's Environmental Justice Small Grant Program for the project entitled "#GetMAD! Motivated and Doing: Solid Waste & Illegal Dumping Awareness." Project outcomes have included (a) an increase in resident awareness of health effects of illegal dumping and improper solid waste disposal that was sustained via social media and UVSO website visits, (b) an increase in resident participation in quality of life renewal efforts, sustained via on-going digital communications with residents, (c) an increase in illegal dumping reporting and convictions along with an decrease in dumping incidents, (d) an increase in resident cross-over to environmentally-friendly consumer products and disposal practices, and (e) a series of youth-produced public service announcements that discussed the implications of littering as well as solid waste and illegal dumping. Interim and final reports were submitted (program narrative and federal financial report). A no-cost extension was granted which enabled UVSO to create strategies that allowed youth to achieve expanded community awareness and help facilitate residents' change in behavior.

6.0 Quality Assurance Project Plan (QAPP) Information

This project will generate new data and a systematic QAPP which covers recruitment, participation, kit results, laboratory verification, and blood-lead data interpretation will therefore be required if the project is selected for funding.

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:	* 2. Type of Application:	* If Revision, select appropriate letter(s):
☐ Preapplication	☒ New	
☒ Application	☐ Continuation	* Other (Specify):
☐ Changed/Corrected Application	☐ Revision	

* 3. Date Received:	4. Applicant Identifier:
04/14/2023	N8JJYV1PJZ56

5a. Federal Entity Identifier:	5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:	7. State Application Identifier:
	NY

8. APPLICANT INFORMATION:

* a. Legal Name:	Urban Green Council

* b. Employer/Taxpayer Identification Number (EIN/TIN):	* c. UEI:
01-0601798	N8JJYV1PJZ56

d. Address:

* Street1:	55 Broad Street 9th floor
Street2:	A40
* City:	NEW YORK
County/Parish:	NY
* State:	NY: New York
Province:	
* Country:	USA: UNITED STATES
* Zip / Postal Code:	10004-2001

e. Organizational Unit:

Department Name:	Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:		* First Name:	Christina
Middle Name:			
* Last Name:	Anjesky		
Suffix:			

Title:	Senior Director

Organizational Affiliation:
Urban Green Council

* Telephone Number:	Ex. 6 Personal Privacy (PP)	Fax Number:	

* Email:	ca@urbangreencouncil.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Equitable Cooling and Extreme Heat: Collaborative Pathways to a Max Indoor Temperature in NYC

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: 10 * b. Program/Project: 3-15

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 * b. End Date: 10/31/2026

18. Estimated Funding ($):

* a. Federal	497,174.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	497,174.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name: Chris

Middle Name:

* Last Name: Anjesky

Suffix:

* Title: Senior Director

* Telephone Number: Ex. 6 Personal Privacy (PP) Fax Number:

* Email: ca@urbangreencouncil.org

* Signature of Authorized Representative: Christina Anjesky * Date Signed: 04/14/2023

yspJYmi7kiSYZ58oBvfwYiVsnWU=

Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Cooling and Heat Vulnerability in NYC Environmental Justice Communities

Application
New
2023-04-14
N8JJYV1PJZ56
NY
Urban Green Council
01-0601798
N8JJYV1PJZ56
55 Broad Street 9th floor
A40
NEW YORK
NY
NY: New York
10004-2001
USA: UNITED STATES

Christina
Anjesky

Senior Director
Urban Green Council
Ex. 6 Personal Privacy (PP)
ca@urbangreencouncil.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Equitable Cooling and Extreme Heat: Collaborative Pathways to a Max Indoor Temperature in NYC

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3-15
2023-11-01
2026-10-31
497174.00
0.00
0.00
0.00
0.00
0.00
497174.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Chris
Anjesky

Senior Director
Ex. 6 Personal Privacy (PP)
ca@urbangreencouncil.org
Christina Anjesky
2023-04-14

Urban Green Council
55 Broad Street 9th floor

NEW YORK
NY: New York
10004

N8JJYV1PJZ56
Christina Anjesky
Ex. 6 Personal Privacy (PP)
ca@urbangreencouncil.org
Senior Director, Strategy
N: No
none
none
none
N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
N: No
not applicable
not applicable
Christina Anjesky
Senior Director
2023-04-14

1234-Final Project Narrative & Work Plan - Urban Green Council.pdf

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1235-Logic Model Attachment.pdf
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1236-MOCEJ_Letter of Commitment UGC.pdf
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1237-NYCC Commitment Letter.pdf
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1238-RiseBoro Committment Letter.pdf
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1239-Urban Green Council - Budget By Activity.pdf
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1240-Urban Green Council 501(c)(3).pdf
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Chris
Anjesky

Senior Director
55 Broad Street, 9th Floor
New York
NY: New York
10004
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
ca@urbangreencouncil.org

Casey
Eisenreich

Operations Manager
55 Broad Street 9th floor
NEW YORK
NY: New York
10004
USA: UNITED STATES

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ce@urbangreencouncil.org

Casey
Eisenreich

Operations Manager
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NY: New York
10004
USA: UNITED STATES

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Christopher
Halfnight

Senior Director, Research and Policy

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NEW YORK
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10004
USA: UNITED STATES

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ch@urbangreencouncil.org

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Christina Anjesky
GRANT13861280

April 13th, 2023

Mr. Jacob Burney
Office of Environmental
Justice and External Civil Rights
Environmental Protection Agency
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Dear Mr. Burney,

New York Communities for Change (NYCC) brings neighbors together to build power and improve lives and communities. We use direct action, legislative advocacy, and community organizing and engagement to fight for a safe and healthy New York. Given our mission, we are excited to be a partner with Urban Green Council on Equitable Cooling and Extreme Heat: Collaborative Pathways to a Max Indoor Temperature in NYC, and will be participating in a number of ways:

- Community and stakeholder engagement on the regulatory landscape around summer indoor air temperatures;
- Engaging NYCC members and partner organizations through a community survey on summer heat in their homes;
- Collaborative convening on barriers and solutions to setting a maximum indoor air temperature in environmental justice communities to drive future city policies;
- Community outreach and education on short- and long-term solutions to extreme indoor
heat in NYC.

We will engage our leadership and members through our 8 chapters throughout New York City. to design and execute these program components in collaboration with Urban Green and other participants, and will receive funding for these activities.

Safe and healthy communities, including green housing, is a core tenet of NYCC, and this project directly supports this goal. We sincerely hope you will fund this critical initiative.

Sincerely,

Olivia Leirer
Co-Executive Director

Cc: Christopher Halfnight, Urban Green Council



New York Communities for Change 470 Vanderbilt Ave. 9th Floor, Brooklyn, NY 11238
Ex. 6 - Personal Privacy (PP) www.nycommunities.org

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: MAR 21 2007

US GREEN BUILDING COUNCIL NEW YORK CHAPTER
C/O ROBERT RABATIN
RESNICK & NEWMAN
580 WHITE PLAINS ROAD
TARRYTOWN, NY 10591

Employer Identification Number:
01-0601798
DLN:
17053357723066
Contact Person:
JOHN JENNEWEIN ID# 31307
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)

Public Charity Status:
170(b)(1)(A)(vi)

Dear Applicant:

Our letter dated January 2003, stated you would be exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code, and you would be treated as a public charity, rather than as a private foundation, during an advance ruling period.

Based on the information you submitted, you are classified as a public charity under the Code section listed in the heading of this letter. Since your exempt status was not under consideration, you continue to be classified as an organization exempt from Federal income tax under section 501(c)(3) of the Code.

Publication 557, Tax-Exempt Status for Your Organization, provides detailed information about your rights and responsibilities as an exempt organization. You may request a copy by calling the toll-free number for forms, Ex. 6 Personal Privacy (PP). Information is also available on our Internet Web Site at www.irs.gov.

If you have general questions about exempt organizations, please call our toll-free number shown in the heading.

Please keep this letter in your permanent records.

We have sent a copy of this letter to your representative as indicated in your power of attorney.

Sincerely yours,

Lois G. Lerner
Director, Exempt Organizations
Rulings and Agreements

Letter 1050 (DO/CG)

RiseBoro
COMMUNITY PARTNERSHIP

riseboro.org

P : Ex. 6 - Personal Privacy (PP)
F : Ex. 6 - Personal Privacy (PP)

217 Wyckoff Avenue
Brooklyn, New York 11237

RB Seniors
RB Housing
RB Health
RB Education
RB Empowerment

April 11, 2023

Mr. Jacob Burney
Office of Environmental Justice and External Civil Rights
Environmental Protection Agency
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Dear Mr. Burney,

Since its inception, RiseBoro Community Partnership has collaborated with community leaders, government agencies, and private investors in an effort to serve as a comprehensive housing, health, and services agency for poor communities that have suffered from years of disinvestment in its housing stock and human capital. With a housing department staff of over 150 employees and an agency staff of nearly 2,000, we have grown from a small community-based organization to one of the largest nonprofits in Brooklyn.

RiseBoro has been responsible for the development of several thousand units of affordable housing, ranging from single-family homes to scattered site rehabs to large mixed-use developments. Additionally, RiseBoro provides property management of units that offer permanent housing for low to moderate-income families, senior citizens, and a host of special needs populations including formerly homeless families, veterans, physically disabled, and victims of domestic violence.

We are excited to be a part of ***Equitable Cooling and Extreme Heat: Collaborative Pathways to a Max Indoor Temperature in NYC,*** as sustainability is a central component of RiseBoro Community Partnership's approach to affordable housing development, and we have successfully collaborated with Urban Green Council in the past. In support of this project we will provide technical analysis of building data- including indoor summer temperatures and installation of sensors to assess the quality of cooling residents currently receive. In addition, we will lead tenant engagement and education efforts. RiseBoro will receive funding for these activities under this RFA.

Respectfully,

Josh Shaffer, Energy Manager

cc: Christopher Halfnight, Urban Green Council

Redacted Senior Director, Research & Policy | Urban Green Council

EXPERIENCE

Urban Green Council, New York, NY
Senior Director, Research & Policy, 2016 – Present
Lead the Research and Policy teams for environmental nonprofit; develop and manage studies, convenings and advocacy initiatives that advance energy efficiency, building decarbonization and resilience. Relevant experience includes:

- Advising NYC government on development and implementation of building performance standard (Local Law 97) and zero-emissions new construction law (Local Law 154)
- Managed stakeholder engagement group for NYC Mayor's Office of Climate and Environmental Justice study of carbon trading under Local Law 97
- Co-led stakeholder convening, analysis and writing for *Going Electric* study on retrofits in multifamily housing
- Managed 70-expert convening on NYC's building performance law, developing *Blueprint for Efficiency*
- Extensive research and policy development on green building best practices, energy and carbon management, green codes development, and clean tech innovation
- Extensive convening and facilitation experience with wide range of stakeholders
- Hired as Policy Manager; promoted to Associate Director in 2018; promoted to current position in 2022

Natural Resources Defense Council (NRDC), New York, NY
Consultant, 2015
Researched and drafted policy analysis on the economic benefits of offshore wind energy and authored comments for federal regulatory proceedings.

Yale Center for Environmental Law & Policy, New Haven, CT
Graduate Research Assistant, 2013 – 2015
Led research and analysis to develop local government tools to manage 35 impacts of fracking. Collaborated with small team to coordinate two workshops with public and private sector experts in the field.

Urban Ecology & Design Lab, New Haven, CT
Graduate Research Assistant, 2013 – 2014
Developed legal and policy strategies for changes in land use to inform a coastal resilience plan for Guilford, CT.

Shapiro, Arato & Isserles LLP, New York, NY
Attorney (Contract), 2012 – 2013
Conducted legal research, drafting, and discovery in international commercial fraud dispute.

Shearman & Sterling LLP, New York, NY
Associate, 2007 – 2011
Drafted trial motions and collaborated with nonprofit for successful pro bono Clean Water Act citizen suit. Performed extensive legal research, analysis, and writing in diverse litigation and capital markets practice.

EDUCATION

Yale University, School of Forestry & Environmental Studies, New Haven, CT
Master of Environmental Management

McGill University, Faculty of Law, Montreal, Canada
J.D. and B.C.L. (with Great Distinction)

McGill University, Faculty of Arts, Montreal, Canada
B.A. (Honors English, with First Class Honors)

ADDITIONAL

Admitted to Bar in New York State, Southern District of New York, Eastern District of New York, Law Society of Upper Canada

Redacted | **Senior Director, Education | Urban Green Council**

EXPERIENCE

Urban Green Council, New York, NY
Senior Director, Education, 2010 – Present

- Responsible for creating Urban Green's signature educational programs including *GPRO*, a national green building certificate program, 2020's *Crushing the Energy Code* in NY State and *Coop/Condo Energy 101 Workshop* for residents and board members of multifamily buildings.
- Creates engaging curriculum for workers from all sectors of the building design, construction and operations industries that demystify complex topics and provide participants actionable ways to begin improving their buildings' performance. Over 15,000 workers have participated in these courses.

Ellen Honigstock Architect PC, Brooklyn, NY
Principal, 1999 – 2010

- Managed architectural practice focused on residential and commercial alterations, including multifamily, daycare centers, medical facilities, advertising offices and retail shops.
- From 2004, the firm concentrated on energy audits, benchmarking and creating sustainable design strategies for existing buildings that included solar photovoltaic systems, solar thermal energy systems, and rainwater harvesting.

SEIU Local 32BJ Thomas Shortman Training Fund, New York, NY
Instructor
Taught courses related to sustainable building operations: *Building Science, Building Envelope, Water Conservation, Indoor Environmental Quality, Quantifying Energy, Green Building Plan; BPI Energy Efficient Building Operator; Multi-Family Building Analyst*

Sustainable Kensington Windsor Terrace; Brooklyn, NY
Founder, Chief Organizer, 2009 – Present

- Developed the original Solarize Brooklyn, the first community solar program in NYC. Solarize Brooklyn doubled the number of solar installations in the targeted neighborhoods, accounting for 10% of all residential solar projects in Brooklyn at the time.
- Convened the Advisory Committee, worked closely with Solar One to design program details and coordinated neighborhood outreach and press.

NYC Green Codes Task Force, New York, NY
Co-Chair of the Homes Subcommittee, Member of Construction Practices Subcommittee

Stephen Wanta Architect, New York, NY, 1996-1999
Project Architect

Darius Toraby RA, PC, New York, NY, 1986-1996
Project Manager / Project Architect

EDUCATION

Columbia University, Graduate School of Architecture, Planning and Preservation, New York, NY
Masters of Architecture, 1992

University of Virginia, Charlottesville, VA
Bachelor of Arts, Architecture 1985 – 1988

Rutgers University, New Brunswick, NJ, *Major: Physics; Minor: Philosophy, 1983-1985*

REGISTRATIONS AND CERTIFICATIONS

Registered Architect: NY, NJ, CT

LEED AP: O&M

BPI Certified: Building Analyst, Envelope, Multi-Family BA, Energy Efficient Building Operator

Redacted | **Senior Advisor | Urban Green Council**

EXPERIENCE

Urban Green Council, New York, NY
Senior Advisor, formerly Director of Research, July 2008 – present

- Directed and wrote much of Urban Green's *90 by 50* report, which determined the energy efficiency measures necessary to reduce NYC greenhouse gas emissions 90% by 2050.
- Provide technical oversight and expertise to a range of Urban Green projects for the City of New York, including annual Benchmarking analyses, the Green Codes Task Force, and the Building Resiliency Project.
- Prepared teaching materials for GPRO, Urban Green's sustainability training program for trades and contractors.
- Directed other research projects including *There are Holes in Our Walls*, an analysis of window AC units, and the *Cost of Green in New York*.

Pratt Institute, Dept of Mathematics and Science, Brooklyn, NY
Visiting Professor, 1998-present

- Develops and teaches courses such as Climate Change Science, Green Building Science, and Urban Energy Management (Graduate seminar).

Community Environmental Center, Long Island City, NY
Senior Engineer & Director of Engineering Services Division, 2001-2008

- Directed energy assessments in Multifamily Performance Program (MPP) and the New Construction Program, both funded by NYSERDA. Defined, directed and oversaw building energy assessments and oversaw implementation.
- Provided technical leadership for NYSERDA's Assisted Multifamily Program statewide, 2001-2006. Major role in program implementation: prepared and maintained AMP audit guidelines and equipment and installation standards, oversaw technical service providers, a group of seven to ten engineering firms across New York State.

Consulting Engineer, 1987-2001
Sample Clients: AES/New Energy (New York, NY & Los Angeles, CA); Analytical Solutions/Anylec Research (Bayport, NY); Joseph Technologies, Inc. (Woodcliff Lake, NJ); Brookhaven National Laboratory. Typical Tasks:

- Assessment of CHP projects including technical characterization and utility rate analysis.
- Assessments and/or systems analysis of major power projects, U.S. and abroad.

Brookhaven National Laboratory
Senior Research Associate, 1994-1996
Associate Scientist, 1977-1987

- Development and standardized testing of innovative energy efficiency technologies, including solar thermal collectors, absorption chillers, ice makers, and CHP systems.

EDUCATION

Ph.D. Physics, Columbia University
B.A. Physics, Oberlin College

Licenses
NYS Professional Engineer (Mechanical)
LEED Accredited Professional

Redacted | **Manager, Research | Urban Green Council**

EXPERIENCE

Urban Green Council, New York, NY
Manager, Research, 2019 – Present
Manages research initiatives for a leading NYC environmental nonprofit; executes data analysis and content on industry trends.

- Lead the research, geospatial analysis and writing for the Exploring Equitable Electrification research brief. This included utilizing NYC's Environmental Justice Area maps and combining them with Urban Green's Grid Ready geospatial dataset
- Developed an interactive visualization for the Grid Ready Report. This included conducting market and user research; utilizing agile project management methods to coordinate web development; and designing an accessible and intuitive UI/UX.
- Conducted data analysis for the last two publications of the NYC Energy and Water Report (2019 and 2020). This included trend analysis of the GHG emissions and site EUIs for NYC's largest buildings over the past 10 years.
- Wrote a series of data-driven blogs in support of NYSERDA's Buildings of Excellence Competition.
- Developed custom data visualizations for the Going Electric Report that demonstrated foundational concepts of building electrification in NYC, including heat pump performance and retrofit targets.
- Facilitated communication and research for the Advancing Electrification convening.
- Conducted extensive research on building decarbonization strategies, environmental justice priorities and GHG tracking.
- Hired as Research Coordinator; promoted to current position in 2021

True Health New Mexico, Albuquerque, NM
Business Operations Specialist, 2015 – 2018
Executed state and federal regulatory activities for a major region health plan; collaborated with critical vendors to deliver essential services to members. Relevant experience includes:

- Strategized to determine optimal health insurance premiums based on actuarial guidelines, local market dynamics and expected effect of government policy.
- Managed annual product fillings allowing company to sell health insurance in local and federal Healthcar.gov market.
- Lead regular meetings with external vendors that provided fulfillment, technological and actuarial services.

EDUCATION

The New School for Social Research, New York, NY
Master of Arts in Economics

University of Oregon, Eugene, OR
Bachelor of Science in Mathematics and Economics

Redacted | Senior Director, Development and Communications | Urban Green Council

EXPERIENCE

Urban Green Council, New York, NY
Senior Director, Development and Communications, January 2017 – Present
Lead the fundraising activities and communications for a nonprofit that tackles climate change by decarbonizing buildings to create healthier and more resilient communities.

- Manages all major publications and communications projects, including copy, design, schedule and budget, in collaboration with program staff across multiple platforms including print, web, video, and social media.
- Designs and implements strategies to build community, increase membership, and raise awareness around key sustainability issues.
- Positions Urban Green as a thought-leader in the NYC energy and building sustainability communities.
- Achieved record media engagement and helped feature the organization in over 200 publications, including the New York Times, Wall Street Journal, Forbes, Huffington Post, U.S. News and World Report, and Inside Climate News.
- Strategize and strengthen Urban Green's online presence (website, social media, and email marketing).

Wildlife Alliance, New York, NY
Development Officer & Manager of U.S. Operations, April 2016 – January 2017
Responsible for raising full $4 million organizational budget, supervising team of four in all fundraising, communications and marketing initiatives for an international wildlife conservation organization.

- U.S. liaison to international project managers, ensuring flow of reporting and communication.
- Wrote foundation and corporate grant proposals; drafted partnership contracts.
- Composed and coordinated individual direct mail and digital appeals.
- Prepared all documents, data and materials for strategic planning process, putting forth suggested strategies to the Strategic Planning Committee for organization's future.

Assistant Director of Communications, May 2015 – March 2016
Developed and implemented multi-platform communications strategy and cause-based fundraising campaigns.

- Redesigned and upgraded website to match recent trends and appeal to a broader audience.
- Streamlined conservation message and modernized online visuals to achieve brand cohesion.
- Created and designed all email and digital marketing communications.
- Grew website traffic by over 60 percent and social media audience by 166 percent.
- Developed SEO strategies and monitored website and digital campaigns.

Development & Communications Associate, November 2012 – April 2015
More than doubled our social media and website traffic. Implemented focused campaign style fundraising, and introduced online advertising using Google Adwords and Facebook cost per click evaluation.

Clean Air Force of Central Texas, Austin, TX
Community Education and Outreach Associate, 2010

Colorado River Foundation Austin, TX
Environmental Education Intern, 2009-2010

EDUCATION

Duke University, Durham, NC
Master of Environmental Management

University of California, San Diego La Jolla, CA
Bachelor of Science in Biology

Redacted | Manager, Policy | Urban Green Council

EXPERIENCE

Urban Green Council, New York, NY
Manager, Policy; 2019 – Present
Manages Urban Green's policy initiatives in New York City and New York State through writing, policy analysis, stakeholder interaction, and meeting facilitation.

- Coordinates with external stakeholders, NYC government staff, key knowledge experts, and Urban Green staff to convene, research, and develop innovative policy solutions for buildings and climate change, including those related to energy efficiency, electrification, benchmarking, zoning, equity and environmental justice, efficient codes and standards, renewable energy, resiliency, and other decarbonization efforts.
- Leads and contributes to the development of Urban Green's research and policy analysis, including reports, blogs, policy briefs, public comments, and written testimony, including Local Law 97, Exploring Equitable Electrification, PACE, Carbon Trading and Local Law 154.
- Tracks key NYS policy developments on climate and energy, including the implementation of the NYS CLCPA process, relevant PSC proceedings, and state laws, and contributes to Urban Green recommendations.
- Represents Urban Green's work externally at public hearings, webinars, and events.

Center for Climate Systems Research (CCSR); The Earth Institute, Columbia University, New York, NY
Staff Associate Officer of Research, 2015 – 2019; Graduate Research Assistant, 2013-2015
Researched and communicated local climate science to guide resiliency and adaptation planning, with focus on NYC region.

- Project Manager, *New York City Panel on Climate Change (NPCC) Third Report 2019*, detailing climate risks to the region for use in adaptation policy and planning by NYC Mayors Office and City Council. Co-authored two NPCC 2019 chapters. Facilitated meetings among stakeholders, scientists, and city government. Presented NYC climate science at conferences, in interviews, and at legislative hearings.
- Published research based on co-generated, downscaled climate information with local and national governments and stakeholders, including analyzing and visualizing data outputs. Partnered with World Wildlife Fund to provide tailored climate risk information for projects in Myanmar, Asia's High Mountain region, and Paraguay, and with C40 and Acclimatise to assess climate risks to global cities in the 2018 *The Future We Don't Want* report.
- Supported research of Dr. Cynthia Rosenzweig and Dr. Radley Horton on New York State *2014 ClimAID Report*, the *NPCC 2015 Second Report*, and the NOAA-funded RISA Consortium for Climate Risk in the Urban Northeast. Contributed to 2014 research on Con Edison's Climate Vulnerability Study assessing future extreme heat impacts to equipment and energy services.

U.S. AmeriCorps, Host Site: Earth Spirit Educational Services, Inc., Buffalo, NY
Environmental Educator, 2012
Full-time AmeriCorps teacher, reaching over 5,000 children ages Pre-K to 12th grade.

Buffalo Niagara RiverKeeper, Buffalo, NY
Water Quality Monitoring Intern, 2011
Performed EPA funded water quality monitoring and data collection for Niagara and Buffalo River watersheds as part of the 2011 Riverwatch Monitoring Program. Contributed to federally funded research reporting.

GrowWNY.org / Community Foundation for Greater Buffalo, Buffalo, NY
Community Engagement Manager, Independent Contractor, 2010-2011
Engaged the Western New York community on hyper-local website partnering 80+ local environmental non-profits.

EDUCATION

Columbia University New York, NY
M.A. Climate & Society

University at Buffalo, State University of New York Buffalo, NY
B.S. Environmental Studies and Policy; Minor, Political Science

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Urban Justice Center

Address: 40 Rector Street, 9th Floor

City: New York

State: NY: New York Zip Code: 10006

B. Unique Entity Identifier (UEI): VEFNNYCJNMP9

C. Applicant/Recipient Point of Contact

Name: Mohamed Attia

Phone: Ex. 6 - Personal Privacy (PP)

Email: mattia@urbanjustice.org

Title: Managing Director - Street Vendor Project

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

N/A

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

N/A

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

N/A

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95) ☒ Yes ☐ No

a. Do the methods of notice accommodate those with impaired vision or hearing? ☒ Yes ☐ No

b. Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications? ☒ Yes ☐ No

c. Does the notice identify a designated civil rights coordinator? ☒ Yes ☐ No

VIII. Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a)) ☒ Yes ☐ No

IX. Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974)) ☒ Yes ☐ No

X. If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.

Kristin Jamberdino
Chief Operating Officer and General Counsel
Urban Justice Center
40 Rector Street, 9th Floor
New York, NY 10006
E-mail: kjamberdino@urbanjustice.org
Ex. 6 - Personal Privacy (PP)

XI. If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.

Urban Justice Center has enclosed a copy of its adopted grievance procedures under "Other Attachments" as part of the application.

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Rachel Aimee	Development Director, Street Vendor Project	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Douglas | Middle Name:
Last Name: Lasdon | Suffix:
Title: Executive Director

Complete Address:

Street1: 40 Rector Street, 9th Floor
Street2:
City: New York | State: NY: New York
Zip / Postal Code: 10006 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: dlasdon@urbanjustice.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Mohamed | Middle Name:
Last Name: Attia | Suffix:
Title: Managing Director - Street Vendor Project

Complete Address:

Street1: 40 Rector Street, 9th Floor
Street2:
City: New York | State: NY: New York
Zip / Postal Code: 10006 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: mattia@urbanjustice.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Rachel | Middle Name:
Last Name: Aimee | Suffix:
Title: Development Director - Street Vendor Project

Complete Address:

Street1: 40 Rector Street, 9th Floor
Street2:
City: New York | State: NY: New York
Zip / Postal Code: 10006 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: raimee@urbanjustice.org

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: | First Name: Mohamed | Middle Name:

Last Name: Attia | Suffix:

Title: Managing Director - Street Vendor Project

Complete Address:

Street1: 40 Rector Street, 9th Floor

Street2:

City: New York | State: NY: New York

Zip / Postal Code: 10006 | Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**

E-mail Address: mattia@urbanjustice.org

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Urban Justice Center

* b. Employer/Taxpayer Identification Number (EIN/TIN): 133442022

* c. UEI: VEFNNYCJNMP9

d. Address:

* Street1: 40 Rector St Floor 9
Street2:
* City: New York
County/Parish:
* State: NY: New York
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 10006-1742

e. Organizational Unit:

Department Name: Street Vendor Project

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Mr.
* First Name: Mohamed
Middle Name:
* Last Name: Attia
Suffix:

Title: Managing Director, Street Vendor Project

Organizational Affiliation:

* Telephone Number: Ex. 6 Personal Privacy (PP)
Fax Number:

* Email: mattia@urbanjustice.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Environmental Justice for Vendors, by Vendors

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: NY-010 * b. Program/Project: NY-010

Attach an additional list of Program/Project Congressional Districts if needed.

1234-1.1 SF 424. Additional Congressional | Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 * b. End Date: 10/31/2026

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	70,964.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	570,964.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Ms. * First Name: Rachel

Middle Name:

* Last Name: Aimee

Suffix:

* Title: Development Director, Street Vendor Project

* Telephone Number: Ex. 6 Personal Privacy (PP) Fax Number:

* Email: raimee@urbanjustice.org

* Signature of Authorized Representative: Rachel Aimee * Date Signed: 04/14/2023

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Environmental Justice for Vendors, by Vendors

Application
New
2023-04-14
Urban Justice Center
133442022
VEFNNYCJNMP9
40 Rector St Floor 9
New York
NY: New York
10006-1742
USA: UNITED STATES

Street Vendor Project
Mr.
Mohamed
Attia

Managing Director, Street Vendor Project
Ex. 6 Personal Privacy (PP)
mattia@urbanjustice.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Environmental Justice for Vendors, by Vendors
NY-010
NY-010
1234-1.1 SF 424. Additional Congressional Districts.pdf

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2023-11-01
2026-10-31
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0.00
570964.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Ms.
Rachel
Aimee

Development Director, Street Vendor Project
EX. 6 - Personal Privacy (PP)
raimee@urbanjustice.org
Rachel Aimee
2023-04-14

Urban Justice Center
40 Rector Street, 9th Floor
New York
NY: New York
10006

Ex. 6 Personal Privacy (PP)
Mohamed Attia
EX. 6 - Personal Privacy (PP)
mattia@urbanjustice.org
Managing Director - Street Vendor Project
N: No
N/A
N/A
N/A
N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Kristin Jamberdino
Chief Operating Officer and General Counsel
Urban Justice Center
40 Rector Street, 9th Floor
New York, NY 10006
E-mail: kjamberdino@urbanjustice.org
EX. 6 - Personal Privacy (PP)

Urban Justice Center has enclosed a copy of its adopted grievance procedures under “Other Attachments” as part of the application.
Rachel Aimee
Development Director, Street Vendor Project
2023-04-14

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66.306
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65301.00

10% de minimis rate on $488,005 MTDC = $48,801 ID
Allocation of indirect costs across federal and non-federal sources explained in budget narrative in Other Attachments.

1235-Other Attachments_4.14.2023.pdf
application/pdf
qrAzNQrGPknu8yxaWiCaaSr1bW4=

Douglas
Lasdon

Executive Director
40 Rector Street, 9th Floor
New York
NY: New York
10006
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
dlasdon@urbanjustice.org

Mohamed
Attia

Managing Director - Street Vendor Project
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NY: New York
10006
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
mattia@urbanjustice.org

Rachel
Aimee

Development Director - Street Vendor Project
40 Rector Street, 9th Floor
New York
NY: New York
10006
USA: UNITED STATES

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raimee@urbanjustice.org

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NY: New York
10006
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
mattia@urbanjustice.org

1236-Project Narrative Attachment Form_4.14.2023.pdf
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WVod4+2G1KVT2XoZ+Y72iAOBqcE=
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Rachel Aimee
GRANT13861856

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

FUNDING NO. EPA-R-OEJECR-OCS-23-01

URBAN JUSTICE CENTER: STREET VENDOR PROJECT

ENVIRONMENTAL JUSTICE FOR VENDORS BY VENDORS

OTHER ATTACHMENTS

1. **Budget and budget narrative**
2. **Environmental Results Logic Model**
3. **Partner Letters of Support**
4. **General Letters of Support**
5. **Resume** Ex. 6 Personal Privacy (PP) **EJVV Project Director)**
6. **Proof of Non-Profit Status: Urban Justice Center**
7. **Nondiscrimination and Grievance Policy - 40 CFR Part 7: Urban Justice Center**

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Itemized Budget Sheet

Budget Overview

CATEGORY	#	% FTE	Y1	Y2	Y3	TOTAL
Personnel	#	% FTE				
EJVV Project Director	*1*		Ex. 6 Personal Privacy (PP)			
SVP Development Director	*1*	*5.0%*	$3,000	$3,090	$3,183	$9,273
EJVV Project Manager	*1*	*100%*	$60,000	$61,800	$63,654	$185,454
Personnel Total			**$85,750**	**$88,323**	**$90,972**	**$265,045**
Fringe						
EJVV Project Director	*1*	*34.5%*	$7,849	$8,084	$8,327	$24,260
SVP Development Director	*1*	*34.5%*	$1,035	$1,066	$1,098	$3,199
EJVV Project Manager	*1*	*34.5%*	$20,700	$21,321	$21,961	$63,982
Fringe Total			**$29,584**	**$30,471**	**$31,385**	**$91,440**
Travel			**$2,500**	**$2,575**	**$0**	**$5,075**
Equipment			**$0**	**$0**	**$0**	**$0**
Supplies						
3 Air Quality Monitors			$7,500	$0	$0	$7,500
3 WiFi Stations			$525	$0	$0	$525
Supplies Total			**$8,025**	**$0**	**$0**	**$8,025**
Contractual						
Technical Engineering Expert*			$30,000	$0	$0	$30,000
EJVV Part-Time Project Coordinators			$32,000	$0	$0	$32,000
Other			$0	$0	$0	$0
Contractual Total			**$62,000**	**$0**	**$0**	**$62,000**
Contractual Allocable to MTDC			*$57,000*	*$0*	*$0*	*$57,000*
Construction			**$0**	**$0**	**$0**	**$0**
Other						
Subawards						
CBO/University Air Quality Monitor			$35,000	$0	$0	$35,000
Tri-State Transportation Campaign			$0	$38,005	$0	$38,005
Center for Zero Waste Design			$11,420	$0	$0	$11,420
Other			$0	$0	$0	$0
Subtotal			***$46,420***	***$38,005***	***$0***	***$84,425***
Subtotal Allocable to MTDC			*$36,420*	*$25,000*	*$0*	*$61,420*

Participant Support Costs						
Vendor Stipend			$500	$500	$0	$1,000
Commissary Owner Stipend			$500	$500	$0	$1,000
Manufacturer Stipend			$4,000	$4,000	$0	$8,000
Subtotal			***$5,000***	***$5,000***	***$0***	***$10,000***
Other Total			**$51,420**	**$43,005**	**$0**	**$94,425**
Subtotal			**$239,279**	**$164,374**	**$122,358**	**$526,010**
Modified Total Direct Costs (MTDC)			*$219,279*	*$146,369*	*$122,358*	*$488,005*
Indirect Costs	*ICR:*	*10%*	**$21,928**	**$14,637**	**$12,236**	**$48,801**
Total			**$261,207**	**$179,011**	**$134,593**	**$574,811**

Budget Narrative

Introduction:

SVP has budgeted out a $574,811 cost to execute the scope described above, and seeks $500,000 in support from EPA EJCPS. SVP will rely on a general operating support from the Urban Justice Center as well as general unrestricted fundraising and donations to the Street Vendor Project as part of UJC in order to account for the additional ~$74,811 in funding required to execute the work.

Below, SVP narrates assumptions behind budget line items.

Personnel

- Mohamed Attia will serve [redacted] of his time on the EJVV project to direct all aspects of the scope work, oversee the fulltime EJVV project manager, manage relationships with subcontractors and subawardees, and interact with EPA program staff.
- The SVP development director will allocate 5% of her time to the EJVV project to complete training and reporting required by the EPA.
- A fulltime EJVV Project Manager, to be recruited and onboarded prior to the start of work on Nov 1 2023, will allocate 100% of their time to the project for the three years.

*SVP assumed a 3% annual escalation of salary rates year 2 and year 3.

Fringe

SVP uses a 34.5% fringe rate inclusive of benefits for personnel and can provide a breakdown of personnel benefits that account for the fringe rate upon request by EPA.

Travel

SVP has estimated subway costs associated with EJVV-related travel at 30 days of travel per month (~$125/month) for the equivalent of ten months per year ($1,250) to cover travel costs incurred by the EJVV Project Director, the EJVV Project Manager, and EJVV Part-Time Coordinators.

***SVP has allocated travel line item costs to non-federal costs (provided by the applicant).*

Equipment: N/A

Supplies

- SVP anticipates purchasing up to three research-grade air quality monitors (AQM) to be affixed to vending carts or worn by vendors at an estimated amount of up to $2,500 per AQM. ($7,500)
- SVP anticipates purchasing up to three wifi stations at an estimated amount of up to $175 per station to enable a constant internet connection between AQM and the internet to enable live or periodic upload of data to the cloud for retention and analysis. ($525)

Contractual

- SVP will procure a private technical engineering expert to provide in depth guidance and electrical engineering expertise to team of prototype development participants composed of up to two manufacturers, up to two vendors, a commissary owner, the Center for Zero Waste Design, and the EJVV Project Manager. SVP will hold a competitive procurement for engineering services, including outreach to federally certified DBEs, under an expected cost cap of $30,000.
- SVP will hire up to two part-time contractors that provide multilingual assistance to vendors participating in AQM processes for an amount not to exceed $32,000 in total, not inclusive of travel costs allocated to the Travel category.

*SVP has allocated the first $25,000 in each of the contractual categories above to Modified Total Direct Costs (MTDC), totaling $50,000 in Year 1.

**SVP allocated one part-time 1099 EJVV project coordinator under federal costs ($16,000) in addition to associated indirect costs. SVP allocated contractual costs for the technical engineering expert and one of the two part-time coordinators ($46,000)—as well as associated indirect costs—to non-federal costs provided by the applicant.*

Construction: N/A

Other: Subawards:

- SVP has reserved $35,000 in costs to provide a subaward to a non-profit community-based organization (CBO) or university to provide advisory services and implementation support with AQM.

- SVP has allocated a $38,005 subaward to the Tri-State Transportation Campaign to provide facilitation services rooted in sustainable transportation and public realm infrastructure planning described above in "Partner and Collaborate."
- SVP has allocated a $11,420 subaward to the Center for Zero Waste Design to provide facilitation services and expertise in sustainable waste management as described above in "Partner and Collaborate."

*SVP has allocated the first $25,000 in each of the contractual categories above to Modified Total Direct Costs (MTDC), totaling $35,000 in Year 1 and $25,000 in Year 2.

Other: Participant Support Costs:
SVP has allocated $10,000 in participant support costs to incentivize:

1. Up to two (2) cart manufacturers $4,000 to meaningfully participate in the prototype design process by attending several meetings in a year with the participants and sharing their expertise on current cart specifications.
2. Smaller stipends of up to $500 each to up to two (2) vendors who provide insight on vendor needs and commentary on evolving prototype designs.

*SVP has allocated these PSCs across Years 1 and Years 2; however, SVP may need to pay the entirety of stipends earlier in Year 1 in order to increase the accessibility of participation to all participants.

***SVP has allocated PSCs to non-federal costs provided by the applicant.*

Indirect Costs:
SVP used the 10% de minimis indirect cost allocation rate. SVP calculated MTDC as defined in 2 CFR.

***SVP capped indirect costs so that total direct and indirect costs allocated to federal funding did not exceed $500,000. SVP reallocated the balance of indirect costs to non-federal.*

Environmental Results Logic Model

CPS = Collaborative Problem Solving

Resources/ Inputs	**Activities**	**Outputs**	**Audience**	**Short-term Outcomes** (6-12 months)	**Intermediate Outcomes** (12-24 months)	**Long-term Outcomes** (2+ years)
• EJVV Project Director, Project Manager time • EJVV Coalition Volunteers • 3 testable rechargeable batteries (obtained 2022-2023) • Partner organizations (CfZWD, TSTC, Nixon Peabody) • Air quality monitoring expert, equipment • Technical engineering expert • Additional grants as available	<u>Task 1: Collaborative Prototyping</u> • Review existing tech and pathway to vendor IP. • Identify, convene, guide partners through prototype design. • Receive feedback on prototype. • Refine prototype. • Implementa-tion plan for functioning cart based on design. • Craft vendor educational materials.	• 12+ EJVV Coalition meetings • Target 50% growth in EJVV membership (~10 → 20 volunteer members) • Target 5 prototype designers. • 1 adaptable prototype design for battery-powered cart. • At least 3 air quality monitors used over 6-12 months of testing • 1 HIA report with proposals and plan to	• At least 5,000 licensed street food vendors in NYC, and up to 9,500 in next 10 years. • Street vendors in other U.S. contexts. • Clean power and battery industry • Local and nationwide academics interested in building on vending-related air quality monitoring, health sciences, engineering, climate science.	• Increase in stakeholders committed to EJVV project. • Reduction in GHGs and noise pollution among carts participating in HIA assessment of batteries on hand.	• Increase in stakeholders committed to EJVV project. • Reduction in GHGs and noise pollution among carts participating in HIA assessment. • Creation of a prototype design. • Vendors begin to elect to replace generators with batteries to improve their health outcomes.	• Lasting increase in stakeholders committed to EJVV project. • Decrease in asthma-related hospitalization among vending population. • Increase in life expectancy among vending population. • Reduction in GHGs and noise pollution from vendors citywide. • Implementa-tion of tangible, functioning cart for operating vendors.

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Resources/ Inputs	**Activities**	**Outputs**	**Audience**	**Short-term Outcomes** (6-12 months)	**Intermediate Outcomes** (12-24 months)	**Long-term Outcomes** (2+ years)
	<u>Task 2: HIA</u> • Screening • Scoping • Assessment (air quality monitoring) • Recommenda-tions • Report • Monitoring <u>Task 3: CPS Forums</u> • Define challenges • Design CPS structure and process. • Engage in parallel CPS processes. • Write CPS report. • Education and advocacy campaign.	monitor impacts. • Target 30+ CPS stakeholder participants. • 1 integrated or 3 distinct long-term CPS reports or interactive website. • Vendor and public education materials on sustainable waste mgmt., navigating clean power products, and advocating for electrification support from govt.	• New York City policymakers and administrators at Depts. of Health, Transportation, Environmental Protection, Sanitation, and other depts. • New York City Council • New York State Legislators • General public			• NYC or NYS constructive policy or program to incentivize or support clean power tech adoption among vendors. • Peer-reviewed academic research motivated by and building on SVP's HIA. • Deliberate and equitable investment in waste mgmt., commissary electrification, and grid connection infrastructure for vendors.

ED_016126_00001164-00007

Center for Zero Waste Design

96 Sterling Street, #1, Brooklyn NY 11225
clare@centerforzerowastedesign.org Ex. 6 - Personal Privacy (PP)

April 11th, 2023

We are writing to express our strong support for and partnership behind the Street Vendor Project's "Environmental Justice Collaborative Problem-Solving" grant application to the U.S. Environmental Protection Agency, to advance a long-term effort focused on equitable street vending cart electrification to support the health of vendors and all New Yorkers.

The Center for Zero Waste Design fully supports this initiative and believes it is critical for New York City to take action to reduce greenhouse gas emissions and improve air quality, especially for the workers who power the street food vending industry. We understand that the Street Vendor Project has a proven track record of working collaboratively with communities and with the City to address environmental justice issues, and we are confident that this project will be a success.

In addition to our established organizational support of the Environmental Justice for Vendors, by Vendors Project, we look forward to expanding our partnership by:

- Participating and presenting updates at the quarterly Environmental Justice for Vendors, by Vendors Coalition meetings
- Advising prototype design participants on incorporating best practice waste management design
- Developing recommendations for the design of waste stations and standard operating procedures to support better waste management – both on street carts and in vending commissaries.
- Outlining vendor education materials to be posted in commissaries or other areas frequented by street vendors that communicate sustainable waste management principles and behaviors.
- Ensuring that Street Vendors can participate in reusable food service ware programs, by identifying discount programs used elsewhere, and reviewing any health code rule changes necessary. Consider additional equipment within commissaries to enable vendors to reduce and better manage waste.

Thank you for considering our letter of support and partnership, and we look forward to seeing the positive impact of this project in New York City, both for vendors, and our fellow New Yorkers.

Sincerely

Clare Miflin
Executive Director
Center for Zero Waste Design, a project of the Fund for the City of New York (501c3)

TRI-STATE TRANSPORTATION CAMPAIGN

Mobilizing the Region

April 15, 2023

RE: Urban Justice Center: Street Vendor Project EPA EJCPS Grant Application Partnership

Tri-State Transportation Campaign (TSTC) is writing to express our strong support for and partnership behind the Street Vendor Project's "Environmental Justice Collaborative Problem-Solving" grant application to the U.S. Environmental Protection Agency, to advance a long-term effort focused on equitable street vending cart electrification to support the health of vendors and all New Yorkers.

Tri-State Transportation Campaign is a 501(c)(3) non-profit organization dedicated to promoting sustainable transportation, equitable planning policies and practices, and strong communities in the New York City metro area. TSTC uses data and policy analysis, along with strategic media outreach, to influence decision-making throughout the metropolitan region. Since it was founded in 1993, TSTC has become a leading voice in the region for transportation and land use policy reform and has enjoyed a strong record of accomplishment. TSTC's board of directors consists of senior staff from non-profit organizations and representatives from the transportation industry. The organization's staff bring various technical, policy, legal, environmental, campaign, and planning expertise to their work across the region. TSTC is headquartered in New York City and has a satellite office in Trenton, New Jersey.

TSTC had the opportunity to engage SVP in 2021, and submit a collaborative grant proposal. This precursor project has now been strengthened to establish a multi-phased approach that we believe will lead to the development of a successful model for the design, policy adoption, project implementation, and replication of clean food carts. This initiative will pave the way to improve the public health conditions for our network street cart vendors, who provide essential food service. As part of this project TSTC will utilize our expertise in advocacy to:

- **Design and facilitate** a long-term problem-solving forum to establish vendors' on-street and in-commissary electrification needs, profile existing constraints and barriers to electrification, and define shared standards for accessible and just infrastructure electrification. The forum will involve a variety of stakeholders, including stakeholders who advocate for, bring expertise in, are responsible for, or have decision-making roles related to transportation and public realm infrastructure in NYC.
- **Strengthen networking efforts** by connecting SVP with environmental air quality monitoring practitioners or academic groups.
- **Advize on strategic and inclusive outreach** to participants in the expanded, EPA-funded Environmental Justice for Vendors, by Vendors process–specifically participants in prototype design, participants in a quarterly Coalition that provides feedback on the overall 3-year project, and participants in the problem-solving forum.

TSTC@TSTC.ORG
231 W 29TH STREET, SUITE 904
NEW YORK, NY 10001
Ex. 6 Personal Privacy (PP)

NIXON PEABODY

Nixon Peabody LLP
One Embarcadero Center, 32nd Floor
San Francisco, CA 94111

Attorneys at Law
nixonpeabody.com
@NixonPeabodyLLP

Matthew A. Richards
Partner

T / Ex. 6 - Personal Privacy (PP)
F / Ex. 6 - Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)

April 14, 2023

Administrator Michael S. Regan
Environmental Protection Agency
U.S. Department of the Interior
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

RE: Urban Justice Center: Street Vendor Project EPA EJCPS Grant Application Partnership

Dear Administrator Regan:

Nixon Peabody LLP writes to express its strong support for and partnership behind the Street Vendor Project's "Environmental Justice Collaborative Problem-Solving" grant application to the U.S. Environmental Protection Agency, to advance a long-term effort focused on equitable street vending cart electrification to support the health of vendors and all New Yorkers.

Nixon Peabody is a full-service law firm with 15 locations throughout the United States and in international markets. Our diverse platform offers clients the right combination of local resources and international experience. We deliver sophisticated legal services to our clients and our communities by combining high performance, entrepreneurial spirit, deep engagement, and an unwavering commitment to a culture of collaboration, diversity, and humanity. Through Kristin Jamberdino, COO and General Counsel for the Urban Justice Center and former Nixon Peabody partner, we learned about the Street Vendor Project and the important work it is doing to empower NYC small businesspeople.

If the grant were awarded, our firm would be glad to support Street Vendor Project on the following patent related issues.

- Review existing patents for battery-powered or electrified carts to understand the state of the field and help SVP and prototype design participants avoid potential intellectual property conflicts.
    - *(1-2 months Nov-Dec 2024.)*
- Work with prototype design participants to chart a pathway to protect and share intellectual property ownership among prototype design participants. The goal is to make vendor economic empowerment and IP ownership central to the process of mitigating harmful emissions from generators.
    - *(2-3 meetings 2025 with potential concentrated work at end of 2025 design process.)*

We understand that the Street Vendor Project has a proven track record of working collaboratively with communities and with the City to address environmental justice issues, and we are confident that this project will advance positive health and economic outcomes for the currently underserved population of vendors in New York City.

Attorneys at Law
Ex. 6 Personal Privacy (PP)
@NixonPeabodyLLP

Thank you for reviewing our letter of support and partnership, and we look forward to seeing the positive impact of this project for vendors and New Yorkers in New York City.

Sincerely,

Matthew A. Richards
Nixon Peabody Pro Bono Partner

MAR

COLUMBIA CLIMATE SCHOOL
LAMONT-DOHERTY EARTH OBSERVATORY

RE: Urban Justice Center: Street Vendor Project EPA EJCPS Grant Application Partnership April 15, 2023

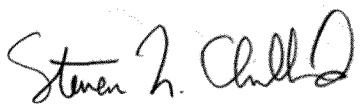
As a Lamont Research Professor at the Lamont-Doherty Earth Observatory of Columbia University's Climate School, I am writing to express my strong support for the Street Vendor Project's "Environmental Justice Collaborative Problem-Solving" grant application to the U.S. Environmental Protection Agency. The Street Vendor Project, as part of the Urban Justice Center, seeks funding to continue a long-term effort focused on equitable street vending cart electrification to support the health of vendors and all New Yorkers.

My formal training was in geochemistry and focused on analytical chemistry of environmental samples and understanding the fate and transport of particle-associated contaminants in the environment. I have become an expert in exposure assessment to air pollutants with an established track record of developing and managing analytical facilities and sampling equipment and overseeing field work in support of public health research in airborne contaminants. I have been the Director of the Exposure Assessment Core Facility of Columbia's Center for Environmental Health in Northern Manhattan since 2011 and was co-Director prior to that for another 10 years. This Core Facility supports a wide array of air pollution projects and pilots in settings in NYC and around the world. I am also an active member of Columbia's CleanAir Toolbox, a collaboration of 20 research groups across the Columbia Climate School focused on solutions-oriented work to improve air quality in cities across the Global South. In addition, I teach courses at Columbia's School of International and Public Affairs and the School of Professional Studies.

After a conversation with the Street Vendor Project, I am interested in their focus on Street vendors as an underserved population that are exposed to high levels of heat, noise and air polution. In this proposal their approach is to focus on using air quality monitoring techniques to understand rates of chronic exposure to airborne contaminants among vendors, and members of the public, within and around street carts in New York City. My prior work includes publications that show that street carts can be very high sources of air pollutants to both workers and the public that stand out even in cities with very high ambient air pollution levels. I am enthusiastic about the prospect of remaining in contact with the Street Vendor Project and potentially advising on their approach and analysis if funding is in place.

Thank you for reviewing my letter of support. I look forward to the prospect of this project having a positive impact on vendors and New Yorkers.

Sincerely,



Steven N. Chillrud

- Lamont Research Professor
- Co-Director of the Columbia University - Northern Plains Superfund Research Program
- Director of the Exposure Assessment Facilities Core of the NIEHS Center for Environmental Health in Northern Manhattan

Lamont-Doherty Earth Observatory of Columbia University
61 Route 9W, Palisades, NY 10964

Ex. 6 - Personal Privacy (PP) tel:- Ex. 6 - Personal Privacy (PP) Fax: Ex. 6 - Personal Privacy (PP)

ALEXANDRIA OCASIO-CORTEZ
14TH DISTRICT, NEW YORK

229 CANNON HOUSE OFFICE BUILDING
WASHINGTON, DC 20515
[redacted]

Congress of the United States
House of Representatives
Washington, DC 20515–3214

April 13, 2023

Administrator Michael S. Regan
Environmental Protection Agency
U.S. Department of the Interior
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

RE: Urban Justice Center: Street Vendor Project EPA EJCPS Grant Application Partnership

Dear Administrator Regan,

I write to request fair and due consideration of Street Vendor Project's grant application to the U.S. Environmental Protection Agency's (EPA) Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement. I understand that as part of the Urban Justice Center, Street Vendor Project has a proven track record of working hand in hand with street vendors, cart manufacturers, commissary owners, fellow non-profit organizations, universities, private industry, and New York City and State agency officials and lawmakers to improve working conditions and economic opportunity for as many as 20,000 street vendors in New York City.

The EJCPS grant from EPA will allow for the further development of the "Environmental Justice for Vendors, by Vendors" project (EJVV), an effort Street Vendor Project began in 2021. Having focused on equitable street vending cart electrification and sustainable waste management to support the health of New York vendors and their customers, I understand that Street Vendor Project is ready to commence piloting safe rechargeable batteries in food carts across the City. Additional funding will enable the Street Vendor Project to expand on and accelerate this work by quantifying the health benefits at stake in a large-scale shift among vendors from generators to batteries and collaborating with diverse stakeholders, including City and State leaders, to craft plans to support just and inclusive electrification in the interests of reduced greenhouse gas emissions and public health.

The goals of EJVV are an important part of an integrated approach to mitigating climate change in a way that leaves no one behind. The environmental justice mission of the Street Vendor Project aligns with our office's own long-standing commitments to equitable economic empowerment linked with climate action. Thank you for your full and fair consideration of the Street Vendor Project's grant application. I am enthusiastic about the prospect of this project resulting in positive environmental, health, and economic outcomes for vendors and all New Yorkers.

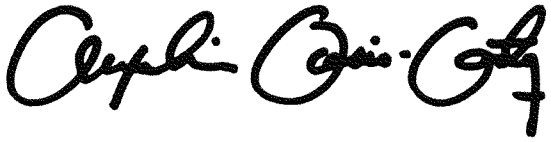
ALEXANDRIA OCASIO-CORTEZ
14TH DISTRICT, NEW YORK

229 CANNON HOUSE OFFICE BUILDING
WASHINGTON, DC 20515
Ex. 6 Personal Privacy (PP)

Congress of the United States
House of Representatives
Washington, DC 20515–3214

If you have any questions, please don't hesitate to contact René Castellanos in my office at Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) or rene.castellanos@mail.house.gov,

Sincerely,



Alexandria Ocasio-Cortez, Member of Congress

EJVV Project Manager Resume

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) | Managing Director

Ex. 6 Personal Privacy (PP) leads the Street Vendor Project's Environmental Justice for Vendors, by Vendors program since its launch in 2021. He began his work with SVP in 2012, when he joined as a member. After ten years of operating and managing several food carts and trucks in New York City, he was elected to the Street Vendor Project's Leadership Board in 2014. His focus turned to organizing other street vendors, attending policy and legislative meetings, and serving as a spokesman for the organization. Since 2019, Ex. 6 Personal Privacy (PP) has managed SVP's efforts to expand its membership, lead legislative campaigns, and build support among elected officials for the betterment of conditions for street vendors throughout New York City. Ex. 6 Personal Privacy (PP) is fluent in English and Standard Arabic.

PROFESSIONAL EXPERIENCE

2019 – Present | Managing Director | Street Vendor Project - Urban Justice Center
Manages project staff and operations and leads strategy to improve the conditions of its members. Engages members and other street vendors in the organization's mission, and represents that mission in a variety of events and platforms. Ongoing activities include building and maintaining productive relationships with elected officials, growing the organization's funding streams, building its membership base, and initiating and leading advocacy strategies.

2018 – 2019 | Co-Director of Advocacy & Organizing | Street Vendor Project - Urban Justice Center
Led the efforts of the organizing team to conduct outreach, initiate and mobilize public demonstrations and actions to gather political rights for street vendors in New York City. Conducted outreach to street vendors to understand their needs, organized their participation in legislative and administrative forums, and campaigned for policy changes aligned with these outreach priorities.

2014 – 2018 | Leadership Board Member | Street Vendor Project - Urban Justice Center
Joined board leadership to advance SVP's organizing actions. Led meetings with vendors and other community members, planned and executed public events and civic demonstrations, and served as a spokesman for the organization.

2008 - 2018 | Street Vendor | Various Operations in NYC
Operated and managed several food carts and trucks throughout New York City. Navigated the complex bureaucracy of permits and licensing, and ensured compliance with appropriate laws and regulations governing street vending.

2006 - 2008 | Teaching Assistant | Alexandria, Egypt
Prepared and taught lessons to middle school students, supported the teacher in the development of annual curriculum, and tutored students in mathematics.

EDUCATION

2016 - 2017 | New York Worker Center Federation, NYC | Delfino Leadership Institute

2004 - 2008 | Alexandria University, Alexandria, Egypt | Diploma in Mathematics Education

IRS Department of the Treasury
Internal Revenue Service
P.O. Box 2508
Cincinnati OH 45201

In reply refer to: 0752427369
Oct. 30, 2014 LTR 4168C 0
13-3442022 000000 00
00043668
BODC: TE

URBAN JUSTICE CENTER
40 RECTOR STREET 9TH FLOOR
NEW YORK NY 10006

004050

Employer Identification Number: 13-3442022
Person to Contact: Tax Exempt Government Entity
Toll Free Telephone Number: Ex. 6 - Personal Privacy (PP)

Dear Taxpayer:

This is in response to your Oct. 21, 2014, request for information regarding your tax-exempt status.

Our records indicate that you were recognized as exempt under section 501(c)(03) of the Internal Revenue Code in a determination letter issued in November 1991.

Our records also indicate that you are not a private foundation within the meaning of section 509(a) of the Code because you are described in section(s) 509(a)(1) and 170(b)(1)(A)(vi).

Donors may deduct contributions to you as provided in section 170 of the Code. Bequests, legacies, devises, transfers, or gifts to you or for your use are deductible for Federal estate and gift tax purposes if they meet the applicable provisions of sections 2055, 2106, and 2522 of the Code.

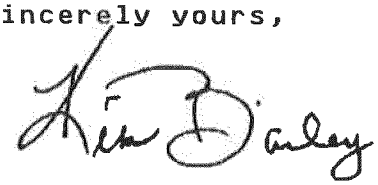
Please refer to our website www.irs.gov/eo for information regarding filing requirements. Specifically, section 6033(j) of the Code provides that failure to file an annual information return for three consecutive years results in revocation of tax-exempt status as of the filing due date of the third return for organizations required to file. We will publish a list of organizations whose tax-exempt status was revoked under section 6033(j) of the Code on our website beginning in early 2011.

0752427369
Oct. 30, 2014 LTR 4168C 0
13-3442022 000000 00
00043669

URBAN JUSTICE CENTER
40 RECTOR STREET 9TH FLOOR
NEW YORK NY 10006

If you have any questions, please call us at the telephone number shown in the heading of this letter.

Sincerely yours,



Kim D. Bailey
Operations Manager, AM Operations 3

Policy on Nondiscrimination in Programs Receiving Federal Assistance from the U.S. Environmental Protection Agency

Title 40 of the Code of Federal Regulations (CFR), Part 7, Nondiscrimination in Programs or Activities Receiving Federal Assistance from the Environmental Protection Agency, prohibits discrimination on the basis of race, color, national origin, age, sex, or disability in programs or activities receiving federal assistance from the U.S. Environmental Protection Agency (U.S. EPA). It requires recipients of federal assistance from the U.S. EPA to:

- Collect, maintain, and provide information showing compliance with 40 CFR, Part 7;
- Designate a person to be the Nondiscrimination Compliance Coordinator ("NCC") to coordinate efforts to comply with 40 CFR, Part 7;
- Adopt grievance procedures that assure the prompt and fair resolution of discrimination complaints alleging violations of 40 CFR, Part 7; and
- Provide continuing and prominent public notice of nondiscrimination on the basis of race, color, national origin, age, sex, or disability, and of the identity and contact information for the NCC.

It is Urban Justice Center's ("UJC") policy not to discriminate on the basis of numerous factors, including those set forth in 40 CFR, Part 7. UJC adopts the following procedures to implement the requirements of 40 CFR, Part 7.

a. Compliance

UJC shall collect, maintain, and on request of the U.S. EPA, Office of Civil Rights (OCR), provide the following information to show compliance with 40 CFR, Part 7:

- A brief description of any lawsuits pending against UJC that allege discrimination which 40 CFR, Part 7, prohibits;
- Racial/ethnic, national origin, age, sex, and disability data, or EPA Form 700-4 information submitted with UJC applications for U.S. EPA assistance;
- A log of discrimination complaints that identifies the complaint, the date it was filed, the date UJC's investigation was completed, the disposition, and the date of disposition;
- Reports of any compliance reviews conducted by any other agencies;
- Additional data and information specific to certain UJC programs or activities to determine compliance where there is reason to believe that discrimination may exist in

a UJC program or activity or to investigate a complaint alleging discrimination in a UJC program or activity.

- When preparing compliance information, UJC shall use the classifications set forth in 40 CFR, Section 7.25, in determining categories of race, color, or national origin.

- UJC shall keep records of the compliance information identified in the paragraphs above for at least three years after completing a project for which UJC was a recipient of U.S. EPA assistance. When any complaint or other action for alleged failure by UJC to comply with 40 CFR, Part 7, is brought before the three-year period ends, UJC shall keep records until the complaint is resolved.

UJC shall:

- Give OCR access during normal business hours to its books, records, accounts, and other sources of information, including its facilities, as may be pertinent to ascertain compliance with 40 CFR, Part 7;

- Make compliance information available to the public upon request; and

- Assist in obtaining other required information that is in the possession of other state agencies, institutions, or persons not under UJC's control. If such party refuses to release that information, UJC shall inform the OCR and explain its efforts to obtain the information.

b. Nondiscrimination Compliance Coordinator (NCC)

The Executive Director of UJC designates the person holding the position of Chief Operating Officer as UJC's NCC responsible to coordinate UJC's efforts to comply with its obligations under 40 CFR, Part 7.

c. Grievance Procedure

UJC adopts the following grievance procedures in order to assure the prompt and fair resolution of complaints that allege a violation by UJC of 40 CFR, Part 7:

In order to have a complaint submittal considered for investigation under this procedure, the complainant shall file the complaint no later than 180 calendar days after the date(s) of the alleged act(s) of discrimination.

The complaint shall be in writing and signed by the complainant or the complainant's representative and shall include contact information for the complainant or their representative.
The complaint shall specify with as much detail as possible:

- The actions or inactions by UJC that support an alleged violation of 40 CFR, Part 7;
- The alleged discrimination that did or will result from such actions or inactions;
- The identity of the person(s) harmed or potentially harmed by the alleged discrimination; and
- The section of 40 CFR, Part 7, that UJC allegedly violated.

UJC may request additional information from the complainant if needed to assist with meeting the complaint requirements listed above. Appropriate assistance shall be provided to individuals with disabilities and individuals with limited English proficiency. Also, complaints in alternate formats shall be accepted from individuals with disabilities, for example, complaints filed on computer disks, on audio tape, or in Braille.

All complaint submittals should be mailed (or e-mailed) to the NCC at the following address:

Chief Operating Officer
Urban Justice Center
40 Rector Street, 9th Floor
New York, NY 10006
E-mail: kjamberdino@urbanjustice.org

All allegations of discrimination, harassment, and retaliation will be promptly investigated ensuring due process for all parties. The investigation may include individual interviews with the parties involved and, when necessary, with individuals who may have observed the alleged conduct or may have other relevant knowledge. If an employee refuses to participate in an UJC inquiry, UJC will base its conclusions on the other information gathered during the inquiry, and inferences drawn from all of the credible evidence.

UJC will endeavor to maintain confidentiality throughout the investigatory process to the extent practical and appropriate under the circumstances. UJC, however, has a legal obligation to act on all information it receives if it believes an individual may be engaging in wrongful conduct or violating the law. Individuals involved in the investigation process are expected to provide their full cooperation and to maintain confidentiality.

At the conclusion of the investigation, UJC will advise any individual who has made a complaint under this policy that the investigation has concluded and share other information as may be appropriate under the circumstances.

EPA KEY CONTACTS FORM

OMB Control No. 2030-0020
Approval expires 06/30/2024

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2030-0020). Responses to this collection of information are required to obtain an assistance agreement (40 CFR Part 30, 40 CFR Part 31, and 40 CFR Part 33 for awards made prior to December 26, 2014, and 2 CFR 200, 2 CFR 1500, and 40 CFR Part 33 for awards made after December 26, 2014). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information is estimated to be 0.5 hours per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Tinece | Middle Name:
Last Name: Payne | Suffix:
Title: Executive Director

Complete Address:

Street1: 5504 Estate Bordeaux
Street2:
City: St. Thomas | State: VI
Zip / Postal Code: 00802 | Country: USA

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: Ex. 6 - Personal Privacy (PP)

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Tinece | Middle Name:
Last Name: Payne | Suffix:
Title: Executive Director

Complete Address:

Street1: 5504 Estate Bordeaux
Street2:
City: St. Thomas | State: VI
Zip / Postal Code: 00802 | Country: USA

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: Ex. 6 - Personal Privacy (PP)

EPA KEY CONTACTS FORM

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Tinece | Middle Name:

Last Name: Payne | Suffix:

Title: Executive Director

Complete Address:

Street1: 5504 Estate Bordeaux

Street2:

City: St. Thomas | State: VI

Zip / Postal Code: 00802 | Country: USA

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**

E-mail Address: Ex. 6 - Personal Privacy (PP)

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: | First Name: Tinece | Middle Name:

Last Name: Payne | Suffix:

Title: Executive Director

Complete Address:

Street1: 5504 Estate Bordeaux

Street2:

City: St. Thomas | State: VI

Zip / Postal Code: 00802 | Country:

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**

E-mail Address: Ex. 6 - Personal Privacy (PP)

View Burden Statement

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Tinece Payne

Address: 5504 Estate Bordeaux

City: St. Thomas

State: VI: Virgin Islands Zip Code: 00802

B. Unique Entity Identifier (UEI): WPM9AAP323T9

C. Applicant/Recipient Point of Contact

Name: Tinece Payne

Phone: Redacted

Email: volunteersinc@gmail.com

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

None

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☐ Yes ☒ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☐ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☐ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☐ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☐ Yes ☒ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☐ Yes ☒ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

N/A

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/recipient's website address for, or a copy of, the procedures.**

N/A

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Tinece Payne	Executive Director	03/30/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
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Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Waterfront Alliance

Address: Ex. 6 Personal Privacy (PP)

City: New York

State: NY: New York Zip Code: 10018

B. Unique Entity Identifier (UEI): SPCEKYZMK3A3

C. Applicant/Recipient Point of Contact

Name: Kate McLetchie-Sheldon

Phone: Ex. 6 Personal Privacy (PP)

Email: kmcletchie@waterfrontalliance.org

Title: Chief Operating Officer

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

N/A - None

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

N/A - None

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

N/A - None

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

N/A

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

N/A

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

N/A

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Kate McLetchie-Sheldon	Chief Operating Officer	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
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Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

OMB Number: 4040-0004
Expiration Date: 12/31/2022

Application for Federal Assistance SF-424

* 1. Type of Submission:	* 2. Type of Application:	* If Revision, select appropriate letter(s):
☐ Preapplication	☒ New	
☒ Application	☐ Continuation	* Other (Specify):
☐ Changed/Corrected Application	☐ Revision	

* 3. Date Received:	4. Applicant Identifier:
4/7/2023	Ex. 6 Personal Privacy (PP)

5a. Federal Entity Identifier:	5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:	7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name:	Volunteer in Your Community, Inc

* b. Employer/Taxpayer Identification Number (EIN/TIN):	* c. Organizational DUNS:
26-3474620	

d. Address:

* Street1:	5504 Estate Bordeaux
Street2:	
* City:	St. Thomas
County/Parish:	
* State:	Virgin Islands
Province:	
* Country:	USA: UNITED STATES
* Zip / Postal Code:	00802

e. Organizational Unit:

Department Name:	Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:		* First Name:	Tinece
Middle Name:			
* Last Name:	Holman-Payne		
Suffix:			

Title:	
Organizational Affiliation:	
* Telephone Number:	Ex. 6 - Personal Privacy (PP)
Fax Number:	
* Email:	Ex. 6 - Personal Privacy (PP)

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

Nonprofit

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA)

11. Catalog of Federal Domestic Assistance Number:

CFDA Title:

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

St. Thomas, USVI | Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Cleanup Litter, Extraction, and Reduction on St. Thomas Island's Roads, Ecosystem, Environment, and Tourist Sites (CLEAR STREETS)

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: 78-98 * b. Program/Project: 78-98

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 10/1/2023 * b. End Date: 9/30/2024

18. Estimated Funding ($):

* a. Federal	150,000
* b. Applicant	
* c. State	
* d. Local	
* e. Other	
* f. Program Income	
* g. TOTAL	150,000

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

- [ ] a. This application was made available to the State under the Executive Order 12372 Process for review on .
- [ ] b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- [x] c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

- [ ] Yes
- [x] No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)**

- [x] ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name: Tinece

Middle Name:

* Last Name: Holman-Payne

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 - Personal Privacy (PP) Fax Number:

* Email: Ex. 6 - Personal Privacy (PP)

* Signature of Authorized Representative: *Tinece Holmand-Payne* * Date Signed: 4/7/2023

View Burden Statement

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Tinece Payne

Address: 5504 Estate Bordeaux

City: St. Thomas

State: VI: Virgin Islands Zip Code: 00802

B. Unique Entity Identifier (UEI): WPM9AAP323T9

C. Applicant/Recipient Point of Contact

Name: Tinece Payne

Phone: Ex. 6 - Personal Privacy (PP)

Email: Ex. 6 - Personal Privacy (PP)

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

None

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

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a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☐ Yes ☐ No

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X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

N/A

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/recipient's website address for, or a copy of, the procedures.**

N/A

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Tinece Payne	Executive Director	03/30/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

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EPA KEY CONTACTS FORM

OMB Control No. 2030-0020
Approval expires 06/30/2024

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2030-0020). Responses to this collection of information are required to obtain an assistance agreement (40 CFR Part 30, 40 CFR Part 31, and 40 CFR Part 33 for awards made prior to December 26, 2014, and 2 CFR 200, 2 CFR 1500, and 40 CFR Part 33 for awards made after December 26, 2014). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information is estimated to be 0.5 hours per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Tinece | Middle Name:
Last Name: Payne | Suffix:
Title: Executive Director

Complete Address:

Street1: 5504 Estate Bordeaux
Street2:
City: St. Thomas | State: VI
Zip / Postal Code: 00802 | Country: USA

Phone Number: Redacted | **Fax Number:**
E-mail Address: Ex. 6 - Personal Privacy (PP)

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Tinece | Middle Name:
Last Name: Payne | Suffix:
Title: Executive Director

Complete Address:

Street1: 5504 Estate Bordeaux
Street2:
City: St. Thomas | State: VI
Zip / Postal Code: 00802 | Country: USA

Phone Number: Redacted | **Fax Number:**
E-mail Address: Ex. 6 - Personal Privacy (PP)

EPA KEY CONTACTS FORM

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Tinece | Middle Name:
Last Name: Payne | Suffix:
Title: Executive Director
Complete Address:
Street1: 5504 Estate Bordeaux
Street2:
City: St. Thomas | State: VI
Zip / Postal Code: 00802 | Country: USA
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: Ex. 6 - Personal Privacy (PP)

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: | First Name: Tinece | Middle Name:
Last Name: Payne | Suffix:
Title: Executive Director
Complete Address:
Street1: 5504 Estate Bordeaux
Street2:
City: St. Thomas | State: VI
Zip / Postal Code: 00802 | Country:
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: Ex. 6 - Personal Privacy (PP)

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Kate | Middle Name:
Last Name: McLetchie-Sheldon | Suffix:
Title: Chief Operating Officer
Complete Address:
Street1: 256 W 36th Street
Street2: 11th Floor
City: New York | State: NY: New York
Zip / Postal Code: 10018 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: kmcletchie@waterfrontalliance.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Cynthia | Middle Name:
Last Name: Tam | Suffix:
Title: Operations Manager and Executive Assistant
Complete Address:
Street1: 256 W 36th Street
Street2: 11th Floor
City: New York | State: NY: New York
Zip / Postal Code: 10018 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: ctam@waterfrontalliance.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Kate | Middle Name:
Last Name: McLetchie-Sheldon | Suffix:
Title: Chief Operating Officer
Complete Address:
Street1: 256 W 36th Street
Street2: 11th Floor
City: New York | State: NY: New York
Zip / Postal Code: 10018 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: kmcletchie@waterfrontalliance.org

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** | **First Name:** Furhana | **Middle Name:**

Last Name: Husani | **Suffix:**

Title: Director of Programs and Climate Initiatives

Complete Address:

Street1: 256 W 36th Street

Street2: 11th Floor

City: New York **State:** NY: New York

Zip / Postal Code: 10018 **Country:** USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: fhusani@waterfrontalliance.org

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Waterfront Alliance, Inc.

* b. Employer/Taxpayer Identification Number (EIN/TIN): 13-4355067

* c. UEI: SPCEKYZMK3A3

d. Address:

* Street1: 256 W. 36th Street
Street2: 11th Floor
* City: New York
County/Parish:
* State: NY: New York
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 10018-7556

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Ms.
* First Name: Kate
Middle Name:
* Last Name: McLetchie-Sheldon
Suffix:

Title: Chief Operating Officer

Organizational Affiliation: Employee

* Telephone Number: Ex. 6 - Personal Privacy (PP)
Fax Number:

* Email: kmcletchie@waterfrontalliance.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Climate Informed Communities: Collaborative Climate Resilience Solutions for New York City (CIC)

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: NYC
* b. Program/Project: NYC

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 10/01/2023
* b. End Date: 10/01/2025

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	50,000.00
* c. State	0.00
* d. Local	50,000.00
* e. Other	100,000.00
* f. Program Income	0.00
* g. TOTAL	700,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix:
* First Name: Kate
Middle Name:
* Last Name: McLetchie-Sheldon
Suffix:

* Title: Chief Operating Officer

* Telephone Number: Ex. 6 - Personal Privacy (PP) Fax Number:

* Email: kmcletchie@waterfrontalliance.org

* Signature of Authorized Representative: Kate McLetchie-Sheldon * Date Signed: 04/14/2023

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Waterfront Alliance

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191001.00

$454,545
fixed de minimis rate 10% of $454,545 = $45,455

Kate
McLetchie-Sheldon

Chief Operating Officer
256 W 36th Street
11th Floor
New York

NY: New York
10018
USA: UNITED STATES

EX. 6 - Personal Privacy (PP) X
kmcletchie@waterfrontalliance.org

Cynthia
Tam

Operations Manager and Executive Assistant
256 W 36th Street
11th Floor
New York
NY: New York
10018
USA: UNITED STATES

EX. 6 - Personal Privacy (PP) X
ctam@waterfrontalliance.org

Kate
McLetchie-Sheldon

Chief Operating Officer
256 W 36th Street
11th Floor
New York
NY: New York
10018
USA: UNITED STATES

EX. 6 - Personal Privacy (PP) X
kmcletchie@waterfrontalliance.org

Furhana
Husani

Director of Programs and Climate Initiatives
256 W 36th Street
11th Floor
New York
NY: New York
10018
USA: UNITED STATES

EX. 6 - Personal Privacy (PP) X
fhusani@waterfrontalliance.org

Application
New
2023-04-14
Waterfront Alliance, Inc.
13-4355067

SPCEKYZMK3A3
256 W. 36th Street
11th Floor
New York
NY: New York
10018-7556
USA: UNITED STATES

Ms.
Kate
McLetchie-Sheldon

Chief Operating Officer
Employee
EX. 6 - Personal Privacy (PP) X
kmcletchie@waterfrontalliance.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Climate Informed Communities: Collaborative Climate Resilience Solutions for New York City (CIC)
NYC
NYC
2023-10-01
2025-10-01
500000.00
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100000.00
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700000.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Kate
McLetchie-Sheldon

Chief Operating Officer
EX. 6 - Personal Privacy (PP) X
kmcletchie@waterfrontalliance.org
Kate McLetchie-Sheldon
2023-04-14

1234-EPA EJCPS Project Narrative_Waterfront Alliance.pdf
application/pdf
F8vGzCEhnyB/r9L24SL7KOE8/G4=

Waterfront Alliance

256 W. 36th Street, 11th Floor
New York
NY: New York
10018

SPCEKYZMK3A3
Kate McLetchie-Sheldon
EX. 6 - Personal Privacy (PP) X
kmcletchie@waterfrontalliance.org
Chief Operating Officer
N: No
N/A - None
N/A - None
N/A - None
N: No
N/A
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
N/A
N/A
Kate McLetchie-Sheldon
Chief Operating Officer
2023-04-14

1235-Completed Itemized Budget Sheet_Waterfront Alliance EPA Grant.pdf
application/pdf
NIumuVOsg5WqRjWWeHuEM42QjHs=

1236-Ben Regas_Resume_as of 2022.pdf
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1237-Cortney Worrall_Resume_as of 2023.pdf
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1238-Cynthia Tam_Resume_as of 2021.pdf
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1239-Furhana Husani_Resume_as of 2022.pdf
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1240-Kate McLetchie-Sheldon_Resume_as of 2018.pdf
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1241-Tyler Taba_Resume_as of 2023.pdf

application/pdf
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1242-Environmental Results Logic Model_Waterfront Alliance EPA Grant.pdf
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1243-CIBP_Letter of Commitment_Waterfront Alliance EPA Grant.pdf
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1244-FRANC_Letter of Committment_Waterfront Alliance EPA Grant.pdf
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1245-Guardians of Flushing Bay_Letter of Committment_Waterfront Alliance EPA Grant.pdf
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1246-Harbor Middle School_Letter of Committment_Waterfront Alliance EPA Grant.pdf
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1247-MOCEJ_Letter of Commitment_Waterfront Alliance EPA Grant.pdf
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1250-South Bronx Unite_Letter of Committment_Waterfront Alliance EPA Grant.pdf
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1251-SRIJB_Letter of Committment_Waterfront Alliance EPA Grant.pdf
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2023-04-14T15:27:58.000-04:00
Kate McLetchie-Sheldon
GRANT13861515

Ex. 6 Personal Privacy (PP)

Ex. 6 - Personal Privacy (PP) Ex. 6 - Personal Privacy (PP)

Experience

President and CEO

Waterfront Alliance, New York, NY

August 2020 - Current

- Craft and oversee campaign to ensure New York City progress in climate resilience through mayoral commitments and legislation
- Oversee policy and coalition strategy for the Rise to Resilience climate coalition for federal, state, and municipal outcomes
- More than doubled Waterfront Alliance press, social media, op-ed, and speaker placements in one year
- Developed and led program content for 2021 Waterfront Conference attracting national participation, media coverage, and increased revenues
- Lead and oversee all strategic, programmatic, development and fundraising initiatives exceeding all revenue goals to date
- Spearheaded increase verification of coastal projects for climate resilience through WEDG program
- Establish focus and priority for grassroots community organizing and community development priorities in current programming

Senior Regional Director, Northeast

National Parks Conservation Association, New York, NY

January 2014 - August 2020

- Pioneered and led national campaign for Stonewall National Monument, resulting in 2016 designation by President Obama
- Led region covering 8 states, staff, interns, consultants, volunteers, advisory board and national team members
- Raised over 2.5M for programs and operational expenses, including all operational expenses for 5 years. With team raised 3M capital campaign anchor donation
- Set national standard for fundraising materials and relationship-based donor cultivation. Donor cultivation strategy increased mid-level donor participation and Gala participation
- Positioned NPCA for newfound influence over National Park Service, local decision makers, and community partners in 6 subregions
- Strategic planning process met needs of other departments, fostered collaboration and policy development across departments for the first time
- Voice and face of national parks stewardship and partnership model for national parks from New Jersey to Maine
- Led master planning, visioning and stakeholder process for national park visitors center and ranger contact station
- Developed and co-executed conservation strategy for business and local economic partnerships in rural Delaware River national park communities heavily dependent on tourism

Expertise

Climate and Climate Resilience Policy

Conservation and Large Landscapes Policy

Legislative Strategy

Coalition Development

Board Development

Performance Measurement

Diversity, Equity and Inclusion Policy and Leadership

Nonprofit Leadership

Nonprofit Fundraising and Fundraising Campaigns

Communications and Digital Media

National Park and Monument Campaigns

Storm Water Phase I and II industrial and municipal compliance

Education

Developing Leaders Program
Columbia University
Business School
2010

Master Public Administration
Advanced Management
and Environmental Policy
Columbia University
School of International
and Public Affairs
1999-2000

BA Environmental Policy
Biology minor
Mount Holyoke College
1990

- Revitalized sustainability program for carbon neutrality and developed detailed carbon emissions calculator for national travel
- Attracted over 10,000+ new supporters of NPCA in the Northeast, over 2,000 locally through regional park protection programs
- Regional strategist and national team member for diversity, equity and inclusion (DEI) initiative
- Operational efficiency implemented through new budget controls, consulting RFPs, RFEIs, contracts, invoicing, expense controls, and bookkeeping systems for multiple programs and region

Chief Operating Officer

Waterfront Alliance, New York, NY

January 2009 - January 2014

- As first Chief Operating Officer with CEO tripled organization and staff size, and increased board recruitment
- Co-created highly successful fundraising strategy that allowed emergence of independent nonprofit through the 2008 recession. Increased foundation, corporate and individual revenues by nearly 50 percent
- Established waterfront regulatory reform program that catalyzed change at New York State Department of Environmental Conservation Region 2
- Co-architect of NY-NJ Harbor Coalition - coalition of 10 leading environmental organizations. Coordinated collaboration of 12 executive directors and staff
- Led operations and internal policy implementation for new strategic plan
- Event Director for major one-day public event attracting over 17,000 visitors each year 2009 - 2013 and all other events

Organizational Consultant

Delaware Department of Natural Resources & Environmental Control, Dover, DE

2003-2005

- Established a new nonprofit organization for watershed protection in Delaware's fastest developing watershed
- Designed over 15 original projects and long-term strategies for complying with environmental regulations. Strategies were later adopted by county government to fulfill MS4 Phase I and Phase II permit requirements and address voluntary storm water controls for new suburban development

Environmental Specialist

CH2M Hill, Atlanta, GA

1997 - 1999

- Private Sector: Lead facilitator and convener of teams of engineers, scientists, and clients for structural and non-structural point source control-based watershed projects and Phase II storm water regulations

Southeast Regional Manager

Blymyer Engineers, Inc., Alameda, CA

1993 - 1997

- Directed program leading to compliance with storm water regulations in 50 states for over 300 transportation facilities

Publications, Speaking & Awards

Panelist and Speaker 2021
Inside City Hall
Future of New York Series
Partnership for New York City
WEDG Presentation
Center for Architecture
ABNY Sustainability Forum
2021 Waterfront Conference

Keynote Speaker, Founder and Director:
Annual Northeast National Parks Friends and Nonprofit Partners Friends Convention
National Parks Conservation Association
2015 to 2020

Panelist, Speaker, Lead Organizer, Funding the Future, Resiliency Planning Panel and Workshop
Center for Architecture
June 2018 and November 2018

60th Annual Award
Making Stonewall a Reality
Village Independent Democrats
April 2017

Panelist, Preservation in a Changing Environment
Connecticut State Office of Historic Preservation Annual Conference
May 2017

Stonewall National Campaign Plan and Communications Strategy
National Parks Conservation Association
January 2015

Co-Author, Contrasting Perspectives Regarding Climate Risks and Adaptation Strategies in the New York Metropolitan Area after Superstorm Sandy
Journal of Extreme Events,
Vol. 01, No. 01, 2014
August 2013

Ex. 6 Personal Privacy (PP)

Phone: Ex. 6 - Personal Privacy (PP) · Email: Ex. 6 - Personal Privacy (PP) · New York, NY

EDUCATION

Columbia College | Columbia University, New York, NY (cum laude) *Graduated:* May 2019

Bachelor of Arts in Political Science (Pi Sigma Alpha) with a minor in East Asian Studies

U.S. State Department Critical Language Scholarship (CLS) in Chinese, Suzhou, China *May - Aug. 2017*

WORK EXPERIENCE

***Paralegal,* New York Legal Assistance Group, Tenants' Rights Unit,** New York, NY *Oct. 2020 - present*

- Manage a caseload of over 180 clients in nonpayment and holdover proceedings in Manhattan Housing Court, assisting a growing team of 30 staff attorneys
- Conduct thorough client intakes using a trauma-informed approach, remotely and in court
- Prepare advocacy packets for clients applying to obtain rental arrears assistance from multiple government agencies and organizations, totaling over $250,000 to date
- Provide oral and written translation for Spanish-speaking and Mandarin-speaking clients, virtually and in person
- Complete home visits to clients' apartments, often photographing evidence and observing inspections
- Work with tenant organizers and the Right to Counsel network, including a multi-year building-wide case involving five families
- Train new paralegals and attorneys on the intake process, client advocacy, and public benefits
- Interview candidates for all unit positions and evaluate language ability in Spanish and Mandarin Chinese

***English Teaching Assistant,* Fulbright Scholarship Program,** Yilan, Taiwan *Aug. 2019 - July 2020*

- Co-taught grades 1 - 7 in English at three Taiwanese public schools, working with five Taiwanese English teachers and over 100 students
- Developed curriculum for teaching American history and culture to Taiwanese elementary school students
- Volunteered at Taiwan Tongzhi Hotline Association, oldest existing LGBTQ advocacy organization in Taiwan

Ticket and Information Center (TIC), Columbia University Arts Initiative, New York, NY

Assistant Manager *Sept. 2018- May 2019*

Sales Associate *Sept. 2017 - Sept. 2018*

- Supervised a team of 12 sales associates, facilitating shift changes, managing weekly schedules, and opening and closing the TIC office
- Entered sales data daily into spreadsheets and reviewed sales associate reports
- Organized and maintained cash inventory as well as physical tickets for on and off-campus events and productions

***Equality CA Fellow,* Office of CA State Assemblymember Kamlager-Dove**, Sacramento, CA *June - July 2018*

- Briefed the assemblymember on upcoming legislation, providing analysis of the support and opposition
- Attended State Assembly and Senate committee hearings
- Managed the reception desk, answered phones, and performed other organizational tasks

***Intern,* East Bay Sanctuary Covenant,** Berkeley, CA *June 2016 - Aug. 2016*

- Prepared work permit and Social Security application packets for EBSC clients
- Conducted intakes of new clients seeking asylum and answered phones in Spanish

LEADERSHIP POSITIONS (elected)

***President,* Proud Colors**, New York, NY *Aug. 2017 - May. 2019*

- Planned and facilitated student and administrator-led meetings for club membership
- Organized student events that involved catering, keynote speakers, performing artists and alumni

SKILLS

Language: Spanish (fluent); Mandarin Chinese (advanced proficiency)

Computer: Microsoft Office 365, Google Suite, Legal Server, WestLaw, GoToConnect, DocuSign

Cleanup Litter, Extraction, and Reduction on St. Thomas Island's Roads, Ecosystem, Environment, and Tourist Sites (CLEAR STREETS)

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) PROGRAM

Submitted by:
Tinece Holman-Payne
Executive Director,
Volunteer in Your Community, Inc.

Submitted to:
U.S. Environmental Protection Agency
Office of Environmental Justice and
External Civil Rights (OEJECR)

April 2023



Project Summary Page

Project Title

Cleanup Litter, Extraction, and Reduction on St. Thomas Island's Roads, Ecosystem, Environment, and Tourist Sites (CLEAR STREETS)

Project Location

St. Thomas, US Virgin Islands (Multiple zip codes)

Applicant Information

Tinece Holman-Payne
Executive Director
Volunteer in Your Community, Inc
5504 Estate Bordeaux St Thomas USVI 00802
Ex. 6 - Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)

Brief Description of Applicant

Volunteer In Your Community Inc.'s (VIYC) mission is to assist people living in poverty in the USA. We help provide volunteers, resources, and events that empower adults and youth with the knowledge and tools they need to avoid poverty and live better lives. We promote and support healthy living, energy efficiency, an eco-friendly environment, and clean air initiatives. We give education, classes, workshops, retreats, and free mental health care. VIYC creates and adapts systems and self-sufficient solutions for communities to sustain them. Our programs help encourage sustainability, reduce waste, and protect our natural resources.

Are you applying for the Small CBO Set Aside Track for $150,000 projects? Yes. We are applying for the Small CBO Set Aside Track for $150,000 projects. See Employee Roster.

Project Type(s) This project fits the following example listed in Section F in the RFA: "Cleanup of nonhazardous trash (e.g., scrap tires, construction debris) in underserved communities, especially where illegal dumping is an ongoing concern."

Special Considerations - *If applicable to your project, which special considerations do you believe your project qualifies for? (Climate Change/Disaster Resiliency, Rural Areas, Health Impact Assessments, and/or other factors identified in Section V).* We believe Special Considerations are applicable for this project because St. Thomas, USVI is a Rural Area because its population is less than 50,000. According to the 2020 US Census, the population on St. Thomas Island is 42,261.

Environmental Issue –The environmental issue of concern on this project is "Waste/Waste Management".

List of Project Partners

- University of the Virgin Islands (Academic)
- Elevate Wi (CBO)
- Nagatent Temple (Faith-based organization)

Will you need to develop a QAPP for your project? No. We do not plan to develop a Quality Assurance Project Plan for this project. Our answer was "No" to all questions in Appendix H.

Employee Roster

Employee Roster	Status	Hours per week	Wages
Tinece Payne	Full-time	40	Ex. 6 Personal Privacy (PP)
Ronald Payne	Full-time	40	

Work Plan

1.0 Program Objectives

Project Abstract

The U.S. Virgin Islands is known for its friendly people, authentic Caribbean food, cultural traditions, and beautiful beaches. These features attract countless visitors each year. The influx of people, coupled with other social, geographic, and economic factors, contributes to the degradation of the Islands' environment. Hundreds of thousands of debris have been removed from USVI shorelines in recent years (USVI Marine Debris Action Plan, 2021). Although the population of St. Thomas is rural, with only 42,000 people (US Census, 2020), nearly 2 million tourists visit the island each year. This increase in population means that tons of trash are created, consumed, improperly disposed of, and illicitly burned. The waste infrastructure, or lack thereof, on St. Thomas puts those on the island at a significant disadvantage.

The main objectives are to facilitate the engagement of this vulnerable and disadvantaged community through on-the-ground activities, such as litter cleanup, and hold workshops for community organizing. The goal of the community organizing effort being proposed is to carry out the recommendations made in the 2021 Marine Debris report, including addressing a misalignment of data and policy with those who are working to reduce litter in the territory. Project outputs include (1.) the removal of litter from several miles on the island and subsequent diversion of debris into the surrounding Caribbean Sea, as well as (2.) the training of many residents on engagement with local government public processes. Outcomes include decreased pressure on the island's coral reef from marine debris, as well as the creation of additional public policies that reduce the downstream effects of litter.

1.1. Environmental Justice Characterization

St. Thomas is a mountainous 32-square mile island that is an unincorporated US territory. Their location in the Caribbean Sea makes them susceptible to severe tropical storms and has them on the frontlines in the battle against climate change. St. Thomas is comprised of 7 subdistricts that range in size from 182 people in the Water Island subdistrict to over 18,000 in the Charlotte Amalie capital district (Census, 2020). According to the US Census, there was a loss in population on the island of approximately 9,000 people between 2010 and 2020. The majority of households are of low and moderate income (US Census, 2020). While several environmental screening tools have been developed that are used to characterize the disadvantages communities face and to illustrate the disproportionate exposure that exists in many places, it should be noted that to-date, these tools have limited coverage for the USVI. Although this project focuses on municipal solid waste, we were curious to see the distribution of the exposure to hazardous waste on the island. A map from EJScreen version 2.1 showing the hazardous waste proximity at the census tract level is provided in Exhibit 1.

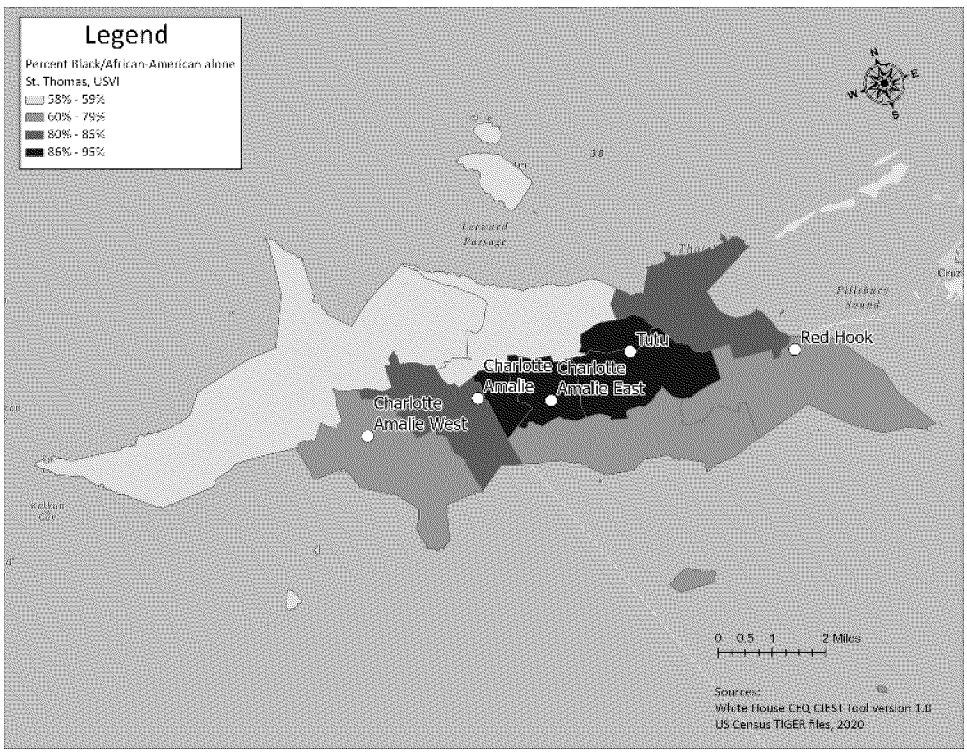
Exhibit 1. Map of the hazardous waste proximity from EJScreen on St. Thomas



The White House Council on Environmental Quality's Climate and Economic Justice Screening (CJEST) tool does provide data by race for the island territories, and a map showing the percentage of black residents, who are the largest population group on the island, is provided in Exhibit 2. The data indicate that there are some overlapping tracts that have high percentages of black population and a high percentile of proximity to hazardous waste.

Exhibit 2. Map of St. Thomas showing the 2020 black population by census tract

The history of racism and environmental injustices against the citizens of the Virgin Islands has been well documented (Gillum, 2018; Samuel, 2021; Harden, 2022). Their inability to fully control their political governance has made them susceptible to environmental abuse, inordinate burdens, and polluted air and water (University of Vermont, 2021). Since the USVI receives fewer



federal dollars because they are territories and not states, many of their systems (electricity, transportation, housing, and education) are subpar and tourism is their primary economic driver.

The waste infrastructure, or lack thereof, on St. Thomas puts those on the island at a significant disadvantage. The territory has a small number of trash collection trucks, landfills are at capacity, and there is not a comprehensive recycling program (USVI Marine Debris Action Plan, 2021).

1.2 Environmental/public health issue(s) to be addressed

This project seeks to address the environmental issues associated with litter and debris along the landscape of St. Thomas. Although the population of St. Thomas is rural, with only 42,000 people (US Census, 2020), nearly 2 million tourists visit the island each year. This increase in population means that tons of trash are created, consumed, illegally disposed of, and illicitly burned. Analyses conducted by Roper, 2020, showed that 90% of beach cleanup data collected by volunteers in the USVI comes from land-based sources. The debris composition of most items found on the island consists of SUPs, glass bottles, beverage cans, and bottle caps (USVI Marine Debris Action Plan, 2021). Jericho and Patrick, two life-long residents on St. Thomas, complained about "lack of infrastructure for cleanliness, recycling, and disposal" of trash.

The waste infrastructure, or lack thereof, on St. Thomas puts those on the island at a significant disadvantage. The island easily becomes overwhelmed with consumer goods. The territory has a small number of trash collection trucks, landfills are at capacity, and there is not a comprehensive recycling program (USVI Marine Debris Action Plan, 2021). Additionally, residents feel that the water is unsafe to drink, due in part to previous testing which showed unacceptable ranges for *e. coli*. As a result, many people buy their drinking water, which results in large amounts of SUPs across the island. While the environmental burden of this community will persist, and the environmental threat of litter to the marine life around the island will not be eliminated, our project aims to reduce the exposure of consumer waste and degradation of this community's resources.

Exhibit 3. Picture of trash taken in February 2023 on the applicant's farm in Bordeaux in St. Thomas



1.3 Environmental/public health results and community benefits

The purpose of the project being proposed is to conduct small-scale clean-ups of SUPs and other debris found on the island of St. Thomas. Our anticipated results are two-fold, (1.) the removal, and proper disposal, of hundreds of pounds of litter from the island of St. Thomas. (2.) community building and

leadership development among youth and others, to reduce waste and become engaged in public processes.

Community members and organizations, including those who are collaborating on this effort, have been involved litter clean ups since at least the 1960s (USVI Marine Debris Action Plan, 2021). Our project will expand those efforts to include a stakeholder engagement component so that residents are trained on effective ways to engage with local government.

1.4 Demonstration of the strong connection between our organization and the underserved community

Being a resident of St. Thomas Island for the past two years, I experience the issues each day that results from the lack of waste infrastructure. My neighbors and I have no way to dispose of the trash. Most people burn it, which releases fumes and causes air pollution. Everybody must take their garbage to a center since there is no organized pick-up. For those who don't have transportation, they don't do anything with the trash. It just stays where it is, and this contributes to odor nuisances and some of it eventually ends up in the ocean.

Community Driven Participation

For this CLEAR STREETS effort, we have discussed our plan and approach with several community members and students at the University of the Virgin Islands. Our organization has been volunteering with community members and other organizations, including one that is a partner in this effort (Elevate Wi), and providing education and information in various avenues on the island. I have observed an increase in awareness of environmental issues here, as well as an increase in people wanting to work together and help each other. I have noticed how people are becoming more active about wanting to become more active in public engagement and solve the environmental problems that exist here.

1.5 EJ Collaborative Problem-Solving Model

Exhibit 4 illustrates our Collaborative Problem-Solving Model (CPS). We will utilize the EJCPS Model in our collaborative efforts to build community capacity, consensus building, engagement with stakeholders, implement sound management, and evaluation of our project's activities.

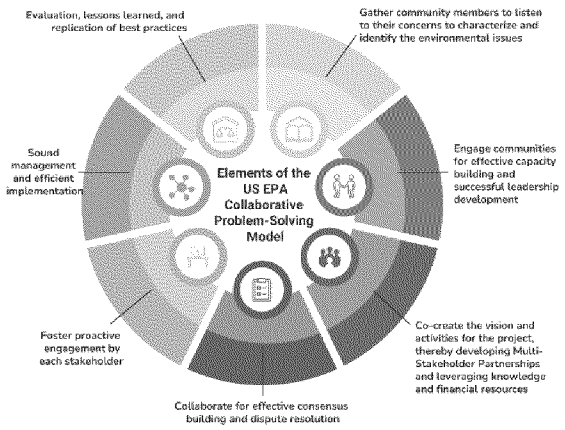


Exhibit 4. Collaborative Problem-Solving Model (CPS)

1. Issue Identification, Visioning, and Strategic Goal setting

Issue identification has already occurred. As stated previously, litter has been visible for as long as anyone remembers, and clean-up efforts have been happening for many decades. Strategic legislation has also already occurred to limit waste. In 2017, single-use plastic bags were banned and in 2019, plastic straws also became prohibited on the island (USVI Marine Debris Action Plan, 2021). The USVI Marine Debris Action Plan, 2021 has also set several strategic goals, but we will build upon leadership in the community to identify and set additional goals.

2. Community Capacity-Building and Leadership Development

The priorities for the second element are to educate, empower, and develop community members. We will hold community organizing forums where we will listen to the community to ensure that we collect from the locations where the environmental problem is most severe and places that they think will have the most impact. We want to avoid starting our efforts in places that the community views as lower priority. We will also have educational workshops where we engage youth, and any other interested persons, about environmental degradation caused by pollution and litter. We will also have seminars and trainings to empower the community so that they become educated about effective ways to engage with local government policy making. During our interactions with residents and collaboration with our partners, we will seek community champions who can serve as leaders and continue the waste reduction and engagement efforts that we are executing with this project.

3. Development of Multi-Stakeholder Partnerships and Leveraging of Resources

Each of the four organizations who are working on this project will develop a vision at the outset to strengthen our collaborative. We will also create a plan to identify and engage with partners in other sectors (government, industry, etc). Once identified, we will integrate their input to refine our vision, create additional objectives, and allow them to share their time and material resources and expertise in the execution of this work. During strategy sessions with both our small team and our larger group with multiple stakeholders, we will work to strengthen our work plan, solidify our vision for cleaning up the island, and outline goals to sustain the efforts we're undertaking.

4. Consensus Building and Dispute Resolution

The activities carried out in this project will involve building consensus among each collaborating organization to determine key actions such as where to perform clean ups, how often, who to engage, and how use our efforts to affect policy changes. It is important that the input from each group is understood and valued so that a common set of goals can be created. We will make every effort to hold meetings and activities at times that are most convenient for everyone so that no one's viewpoint is excluded. Given the availability of internet connectivity in rural places like St. Thomas, we will also strive to hold planning sessions and workshops using platforms that are ideal to achieve the greatest engagement.

When multiple entities work together, there is potential for intra-conflict to arise, even if everyone shares the same goal. When additional stakeholders are introduced into the work plan, there is greater likelihood that disputes may arise. If conflicts develop, we will look for neutral members of the community to help come to resolutions that are accepted to each party. We will also review the strategies employed by entities who have resolved disputes, including the successes of ReGenesis and

Rhodia, Inc. We will use their conflict assessment and facilitated dialogue techniques as guides for resolving any of our issues. We will work with neutral parties to create contingency conditions to help ensure the agreed upon resolutions are followed.

5. Constructive Engagement with Other Stakeholders

Listed below is our strategy to foster proactive engagement by each stakeholder:

a. Draw on the connections that exist with community-rooted organizations

One of our partners for this project, Elevate Wi, creates positive spaces for youth and adults to gather and socialize. We will use their connection to residents on the island to assemble them so we can learn more about their EJ concerns, raise awareness about the goals and planned activities of our EJCPS project, and help mobilize the community to assist with clean ups.

b. Utilize the Expertise of scholars at the University of the Virgin Islands

Another project partner, Howard Forbes, is the Coordinator for the Virgin Islands Marine Advisory Service at the University of the Virgin Islands. His technical background and indigenous knowledge about debris on the island will be invaluable for many of the project's aspects, ranging from strategic goal setting, environmental education, and community engagement. However, we will work with him to identify professors in other departments who can provide other types of technical assistance, particularly in the areas of public policy development and community capacity building for engagement with local government officials.

c. Seek External Resources

We will engage with community members, university officials, and perform research online to identify external funding sources that could enhance our efforts to achieve additional positive outcomes, particularly beyond our one-year period of performance. This could include outreach to philanthropic organizations and private foundations to seek funding to clean up extra sites, or to gather more money so that our volunteers can be paid incentives for their assistance.

d. Government Engagement

When necessary, we will work with local officials and our federal government EPA project officer to assist with project activities such as project validation, meeting facilitation, technical assistance, stakeholder coordination, publicization of the project, and dissemination of its successes.

6. Sound Management and Implementation

Although small-scale cleanups may seem to be easy to carry out, a lot of thought has gone into how to strategically perform these kinds of activities and attain the greatest impact. The 2021 USVI Marine Debris Action Plan is evidence of this. Multiple small successes were obtained through the work that have undoubtedly contributed to litter reduction on the island. We will build upon the work outlined in that Plan to address activities that weren't realized, while integrating input collected equitably from our project partners and stakeholders.

Our aim is to conduct the activities outlined in this work plan efficiently, within a 1-year time frame. Upon further engagement with the community during the forums we will hold, it may be deemed that

the work should last longer or can be completed faster. If, and when needed, we will adjust our plans, but make sure that our project is complete within 3 years of the award and within the $150,000 budget we've requested.

7. *Evaluation*

It is critical that we work collaboratively to develop well-formulated action plans, schedules, and communication materials from the beginning of the project. We will perform quarterly evaluations to review our performance towards meeting our anticipated outputs and long-term outcomes. We will confront our challenges, seek additional support and guidance from our project officer when needed, and determine what changes need to be made. We will make recommendations that are grounded in the collective experiences created on this project.

We plan to disseminate our approach to successfully completing an EPA CPS project outside of the continental United States through various forums, which may include virtual and in-person workshops, a project website, and contributions to the scientific literature. The focus of dissemination will be to offer strategies for gaining community engagement and participation to characterize and address an environmental concern, lessons learned about how to collaborate with a variety of stakeholders who have varying expertise, how to train communities to build capacity for engagement with government officials, and how to reduce the environmental burden experience by a community with EJ concerns.

1.6 How the project supports EPA Strategic Plan Goal 2, Objective 2.1 (Promote Environmental Justice and Civil Rights at the Federal, Tribal, State, and Local Levels)

The USVI is a classic example of an overburdened and underserved community that is experiencing environmental racism. 76% of the people living in the Virgin Islands are of African descent and the energy and environmental injustices experienced by the island communities is overtly disproportionate. Analyses have shown that their water is unsafe to drink. When hurricanes hit the island, their infrastructure is slow to be rebuilt and many people have remained without power for exceptionally long periods of time. Their waste management systems are antiquated. They do not have enough trash trucks, there's no recycling program on the island, and the unlined landfill exceeds capacity.

We know that Virgin Islanders are a resilient people. Despite all of the challenges they experience, including discrimination from industries and their own government, they welcome tourists to their beautiful beaches, and their hospitality is unmatched. However, the 2020 US Census data indicates that the island is losing population. The environmental injustices and inequitable conditions on the island are undoubtedly contributing to this reduction.

This project supports EPA Strategic Plan Goal #2, Objective 2.1 because it centers the perspectives of communities. The community's role as an authentic partner will allow for capacity building of a community with EJ concerns to engage with local government officials, to not only improve their environment, but also to develop progress towards outcomes that helps them become more resilient against the environmental challenges they face.

This project also integrates EJ principles into our proposed activities. The community's voice is uplifted. We let the community define the actions we take (where to clean up, how often to clean up, etc). We also collaborate with grassroots organizations and community leaders, (who live in and are accountable

to the community whose concerns we're working to address) to promote environmental justice and guide the work.

This US territory has been left behind by many of the environmental, technological, and economic advances that are found in the states. This territory is on the front line in the battle against climate change and it is time for the federal government to invest more attention and resources into the Virgin Islands.

1.7 Partnerships

This project's goals will be accomplished using appropriate and diverse partnerships from multiple stakeholder groups, representing community-rooted organizations, academia, and a faith-based organization. All of these organizations will be sub awardees. The primary contact from each organization comes from a disadvantaged, underprivileged background and each one has overcome those challenges to build successful careers and help others, many of whom are less fortunate, in our communities. We will maintain and sustain the relationships created in this project into the future by continuing our programs to keep the island clear of debris, as much as possible. After our period of performance ends, we will continue working with the University of the Virgin Islands and Elevate Wi to recruit and train students for our clean-up programs. We currently have a "Young Urban Farmers" group and plan to create a "Young Urban Environmentalists" group in St. Thomas who will continue the CLEAR STREETS work using the approach we develop with this project. Each organization's role is described in Table 1.

Table 1. Sub awardee/partner organizations and their associated contributions to the project

Organization	Stakeholder group the partner represents	The project activities each partner will be responsible for	How each partner will contribute to the project	What resources each partner brings to the partnership	How the partner has a vested interest in working with this partnership
Volunteer in Your Community	CBO	Project Management; Community Coordination and Organizing; Project Reporting; Participate in Litter Clean-up activities	Prime Awardee; Project Manager; Develop project strategy for on-the-ground community engagement; design and direct activities for the project; develop workshops; develop and submit reports for EPA; coordinate meetings with EPA client	Leadership; Community organizing; Event planning	We plan to sustain the programs with partnerships with local schools and educational professionals at the University of The Virgin Islands. We are also in weekly discussion and problem-solving meetings with a focus team on St. Thomas. With our current connections and partnerships, we will continue the work steadily building relationships with the student organizations focused on

					sustainability and environmental issues.
Virgin Islands Marine Advisory Service, University of the Virgin Islands	Academia	Assist with Project Management, Community Coordination/ Organizing, and Project Reporting; Environmental education; Identify neutral parties for conflict resolution, if needed	Assist with project visioning, strategic development to maximize community engagement; perform consensus building, and dispute resolution when applicable; help facilitate workshops and provide training on effective ways to engage in the policy-making process with local government officials.	Knowledge about environmental science; marine debris waste reduction	Our partner at UVI was born and raised in St. Thomas. He also received his college degrees from the UVI. He and his family still live on the island. Many in his family rely on bottled water because they feel the tap water is unsafe to drink.
Elevate Wi	CBO	Community Engagement Organizing for workshops and litter clean up; Participate in Litter Clean-up activities	Carry out community engagement activities; community organizing; community empowerment to generate interest in the clean-up tasks	Community organizing and grassroots engagement; teaching and leadership	This group is natively connected to the St. Thomas community (youth and adults).
Nagatent Temple	Faith-based organization	Technical Assistance with workshops	Workshop delivery	Educator who will be involved with demonstrating new and innovative solutions for how to use recycled, reused, and repurposed materials	This faith-based organization's founder has a passion for raising awareness and giving a solution to future problems, as well as teaching, building, creating, and sharing engineering technologies to better peoples' lives.

2.0 Project Activities / Milestone Schedule

We propose four tasks to meet the program objectives and execute the project. Our approach blends community engagement with technical expertise and local solutions, thereby creating bridges between community and science. Through outreach, we will build capacity and empower the community for public participation. This project will build partnerships that link more localized solutions to help reduce and reuse solid waste.

Task 1. Coordination among partners for the successful execution of EPA's Environmental Justice Collaborative Problem-Solving Model (EJCPS)

Without proper coordination on goal setting between collaborators, the project will face challenges. Our first step will be to assemble the necessary stakeholders for participation on the project. We then gather as a team to outline and prepare for the execution of the CPS steps described in Section 1.5.

Deliverable: We will have a roadmap that outlines the components of the CPS model and our approach to carrying out each part of the process.

Anticipated Results: This activity will reinforce relationships among collaborators, ensure everyone is appropriately engaged in discussions on project commitments to CLEAR STREETS. Completing this step at the beginning of the project will lead to successful completion of the work and lead to expanded partner ecosystem. After an analysis of the activities carried out with the CPS model, we will have determined how to track progress, developed methods for communicating and engaging with the St. Thomas community, and identified the best approaches for carrying out future work to reduce the cumulative impacts resulting from a lack of waste infrastructure, a littered landscape, and unclean drinking water.

Task 2. Execution of an Environmental education, Capacity building, and Empowerment (ECE) Action Plan for Public Participation

Task 2 involves engaging and empowering youth and the public for participation in CLEAR STREETS. We will conduct a minimum of four workshops ranging from one to four hours in length, offered in-person in a meeting room at the University of the Virgin Islands, and with an option to join virtually. We will begin by listening to residents about their concerns regarding litter on the island. This will provide guidance that we can use in Task 3 to determine where on the island should we focus our clean-up efforts and the best way to track our progress. During the planned workshops, we will inform residents about improper disposal of, and provide ways to reduce the use of, SUPs. As part of the capacity building and empowerment process, we will provide ways that residents can use their voice and ideas to contribute to local policy changes, rulemakings, and other public processes that can lead to enhancing their quality of life and reducing aquatic and environmental degradation.

Deliverable: We will capture key information from partnership meetings and community workshops and create a summary report as a key deliverable for this task.

Anticipated Results: We anticipated that there will be more coordinated efforts by residents to participate in island-wide decision-making processes. This will help them effectively coordinate actions to help maintain CLEAR STREETS on St. Thomas, further maximizing improved impacts for the environment.

Task 3. Clean-up Litter, Extraction, and Reduction (CLEAR) Strategy Deployment

The deployment of our CLEAR strategy involves four stages, to be carried out on a quarterly basis. Once our community champions and leaders are identified in Task 1, and CLEAR sites are prioritized in Task 2, we will begin the extraction process. Execution of the clean-up will occur in 4-mile increments and once per quarter. We will conduct these activities at the same place each time to compare the degree to which the problem persists. We will also add one new 4-mile site per quarter. In quarter 1, one 4-mile site will be cleaned. In quarter 2, that same 4-mile site will be cleaned, along with a new one. In quarter 3, a third new 4-mile site is CLEARed. The sites cleaned up in quarters 1 and 2 will be visited again, to ascertain the level of litter that gets added in between the cleanup activities. In the fourth quarter, each site visited during the first three quarters will be visited, along with a new, fourth site.

Between site clean-ups, we will conduct workshops to educate youth and adults on the environmental degradation caused by litter, as well as water filtration techniques that can be employed for enhancing water quality.

Deliverable: At the end of this task, we will provide EPA a final report that characterizes our experience with the CPS model, highlights the areas on the island that were CLEARed, quantifies (in miles) the degree to which the island was CLEARed, describes the community engagement activities that were conducted, and provide ideas for future public participation efforts to address litter and local pollution.

Anticipated Results: The result of this task will include a cleaner landscape, with four sites CLEARed. There will also be knowledge gained by youth and residents about the importance of keeping the island as litter-free as is feasible.

2.1 Milestone Schedule

We proposed to perform the aforementioned tasks over a period of 12 months. Table 2 outlines the project's timeline, along with dates for deliverables. Three deliverables will be submitted over the course of the project, on a quarterly basis.

Table 2. Gantt Chart for the Project Timeline

	Year 1											
Month:	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
Task 1-EJCPS Kick-off and Coordination												
Deliverable 1: Roadmap												
Task 2-Education & Empowerment												
Deliverable 2: Interim Summary Report												
Task 3-CLEAR Strategy Deployment												
Deliverable 3: Final Report												

2.2 Itemized Budget Sheet / Budget Narrative

See Other Attachments section and Form SF424-A

3.0 Environmental Results – Outputs, Outcomes, and Performance Measures (Logic Model)

See Other Attachments section.

The attached Logic Model shows key inputs (people, funding, and resources) that are used to support CLEAR STREETS activities, along with the resulting outputs and outcomes.

3.2. Performance Measurement Plan

Our team will meet no less than quarterly to quantify outputs and track progress toward our outcomes. During these meetings, we will evaluate where we are with respect to our project goals and plan our next steps to achieve them. Each partner will coordinate closely to ensure that lessons learned are collected and disseminated.

3.3. Sustainability Plan and Community Vision

Through our community organizing and engagement with the local government, our vision is that a recycling program will be implemented in the future on the island. Other aspects of our vision are to reduce the burden for recycling and for people to be able to receive small incentives for recycling glass

and/or plastic. These activities will contribute to the sustainability of the efforts we will carry out with this project.

4.0 Programmatic Capability

Volunteer In Your Community Inc.'s mission is to assist people in poverty in the USA. We enhance the lives of people by providing food, education, and literacy at no cost. We help provide volunteers, resources, and events that empower people with the knowledge and tools they need. We promote and support healthy living, energy efficiency, an eco-friendly environment, and clean air initiatives. We have done collaborated with youth and other community-rooted organizations to perform community cleanup events in the past. To achieve our goals, we work in accordance with existing non-profit agencies, small businesses, corporations, and community leaders to connect impoverished people to the resources and opportunities already available, as well as create programs to assist the community. Our connection to the community forms the basis for our infrastructure. We have a volunteer base and have built partnerships and networks with people in St. Thomas.

Staff Experience / Qualifications of Project Manager (PM)

The project manager, Tinece Payne, has more than 15 years of experience in leadership with community organizing and volunteering. Her work also involves designing, developing, and implementing strategic plans for her non-profit. She is Six-Sigma certified for program solving and has built networks and women's collectives through relationship development and community involvement. She is also on the advisory board of other organizations, including the Sustainable Hive Mind. She has a proven track record in staff management, event planning, and engagement with public officials.

The project manager is the owner of Feel Free Farm, which is located in Bordeaux on St. Thomas Island. Being a black farmer in St. Thomas has allowed her build connections with the fellow farmers and students on the island. She is known as a community advocate and one who is a steward for the earth and its natural resources.

Our organization has performed beach cleanups, community organizing, and held classes on sustainability. We have trained people on the island about how to reduce pests/mosquitoes and reuse items to reduce waste.

Expenditure of Awarded Grant Funds

The CLEAR STREETS team collectively brings decades of experience working on government grants, cooperative agreements, and contracts. Our team is well-versed in the requirements, obligations, and restrictions of government procurement, including government-wide and individual agency regulations, policies, and procedures. By adhering to the milestone schedule, we will be certain to expend the funds in a timely manner. The funding received for this grant will be stored in a separate and exclusive business account. Our accountant will manage the draws and disbursements to our partners, and we will only draw funds when there is an immediate cash need. We will expend the money drawn within 5 business days. Quickbooks™ will be used to track expenses, and documentation will be maintained for all purchases.

5.0 Past Performance

Table 3 contains the federal and non-federal grants we've received in the past three years. We were able to successful complete each of them by following the outline established in the beginning, as well as the plans set by the grant. Using an effective team-based approach, we were able to implement all tasks and execute our project goals. This was achieved by holding monthly meetings and weekly exercises with the team and clients. During our monthly meetings we filled each other in on our individual progress and ways to support one another.

Table 3. Past Performance

Grant	Years	Amount	Submitted Acceptable Final Technical Reports	Adequate & Timely Reporting of Progress	Achievements/ Accomplishments
EcoLab	2020	$4000	Yes	Yes	Recruited youth for the young Urban Farmers group and carried out farmer outreach tasks
Vegfund	2019-2022	$9000	Yes	Yes	Organized educational events; collaborated with multiple small businesses to promote a peaceful world where people do not exploit other sentient beings
Conservation Makes Wellness	2021	$25000	Yes	Yes	Helped to establish 4 non-profits by providing training and capacity building support
A WellFed word	2022	$4000	No	Yes	Helped feed and educate people at community events

6.0 Quality Assurance Project Plan (QAPP) Information

We do not plan to develop a Quality Assurance Project Plan (QAPP).

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Other Attachments

Itemized Budget and Narrative

Category	Description	Total
Personnel	• Project Director @ $60,000 annual salary x 100% of time on project = $60,000 for one year • Assistant to PD @ $35,000 annual salary x 25% of time on project = $8,750 for one year	$68,750
Fringe Benefits	• Project Director 15% of salary (includes medical, dental, life insurance) = $7,500 for one year	$7,500
Travel	• Local mileage for Project Director for partner meetings: 10 miles @ $0.655/mi x 36 meetings = $236 • Travel for Assistant to the Project Manager for partner meetings: 10 miles @ $0.655/mi x 36 meetings = $236	$475
Equipment (for purchases greater than $5,000 per unit)	• Trash bags:40 boxes@$50/box = $2000 • Trash grabbing tools: 50 @ $30 = $1500	$3,500
Supplies	• Laptop computer for use during community meetings = $1,500 • Printer = $350 • Projector = $400 • Projector Screen = $100 • Miscellaneous office supplies for staff = $1,500 • 10 reams of copy paper @ $5.00 for outreach materials = $50 • Web cam for meetings with EPA staff = $100 • Zoom Pro license = $150	$4,150
Contractual	• Environmental/Grants Management consultant = $12,000 • Bookkeeper: $20/hr @ 3 hr/week @ 52 weeks = $3,120 • Certified Public Accountant for tax filing: $2,000	$17,120
Indirect Costs	• IDC Rate Agreement of 10% of Salaries and Wages ($68,750 x 10%)	$6,875
Other ($38,630 left over)	• Sub-award to University of Virgin Islands = $16,810 • Sub-award to Elevate Wi = $13,000 • Sub-award to Nagatent Temple = $6,820 (Two 4-hour workshops + workshop materials* $250 hourly rate = $2,000) + Travel to island (Flight = $800 + 750 hotel + 360 per diem) *2 trips = $3,820) • Participant Support Costs (food/drinks/thank-you gift bags at community meetings and clean-up activities) = $5,000	$41,630
Total Budget		**$150,000**

Budget Narrative

Overview

The purpose of this budget narrative is to explain the basis for our proposed costs. The budget for the CLEAR STREETS project is presented in Fixed Price format. This 12-month budget reflects the funds needed to conduct our proposed collaborative problem- solving project in St. Thomas. The total budget, including fees for sub awardees, is $150,000.

Explanations for each Budget Category

Personnel

The personnel category includes the salary for the Project Director (PD) and an assistant to the Director. The Project Director will spend 100% of their time on the project 100% and the assistant will spend 25% of their time on the project.

Fringe Benefits

Fringe Benefits are only calculated for Project Director, not assistant. Fringe is calculated at 15% to cover medical and life insurance.

Travel

The Travel expense includes vehicular mileage calculated at the 2023 government rate.

Equipment

We do not anticipate needing any equipment that costs more than $5,000 per unit but are including a fee for miscellaneous items such as trash bags and trash grabbing tools.

Supplies

Costs for computer equipment and ancillary supplies are provided.

Contractual

The contractual category includes fees for an environmental consultant, bookkeeper, and certified public accountant.

Indirect Costs

The indirect costs include a 10% rate agreement for the salaries of the PD and PD's assistant.

Other costs

Other costs represent the second greatest cost. It includes the subawards to three partner organizations and miscellaneous costs to cover expenses for the community engagement events.

Proposed Timeline and Forecasted Payment Schedule

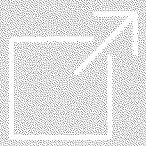
	Year 1											
Month:	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
Task 1-EJCPS Kick-off and Coordination												
Deliverable 1: Roadmap												
Task 2-Education & Empowerment												
Deliverable 2: Interim Summary Report												
Task 3-CLEAR Strategy Deployment												
Deliverable 3: Final Report												

Quarter 1 (December 2023): $41,650
Post award kick-off meeting, project coordination, and Roadmap:
Quarter 2 (March 2024): $37,500
Project roadmap
Quarter 3 (June 2024): $37,500
Interim Summary Report
Quarter 4 (September 2024): $37,500
Final report

Total Fixed Price: $150,000

Logic Model

LOGIC MODEL FOR CLEAR STREETS



RESOURCES

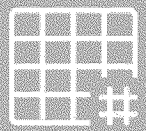
Staff from each collaborator

US EPA Project Officer

Community members

Financial Resources (grant funds)

Litter collection tools



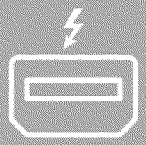
ACTIVITIES

Strategic planning among partners

Workshops (pollution prevention, public participation)

Litter pick up and disposal

Basic characterization and quantification of litter

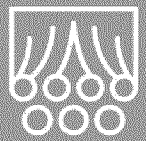


OUTPUTS

Site selection and prioritization

Outreach, education, and training on litter collection

Litter extracted from 16 miles on the island



AUDIENCE

Workshop participants

Community residents

Community youth

Local decision makers

US EPA regulators



SHORT-TERM OUTCOMES

Residents are engaged in the clean-up process

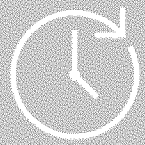
Decreased litter on the landscape



INTER-MEDIATE OUTCOMES

Increased knowledge about engagement in the public decision-making process

Increased awareness and understanding of the impacts of litter on the landscape



LONG TERM OUTCOMES

Increased stakeholder participation

Decreased pressure on coral reef from litter

Reduction of trash burning

Policy development to improve waste management on the island

Letters of Committment

University of the Virgin Islands

Historically American. Uniquely Caribbean. Globally Interactive.

Howard Forbes Jr.
Virgin Islands Marine Advisory Service Director
Center for Marine and Environmental Studies, University of the Virgin Islands
2 John Brewer's Bay, St. Thomas VI 00802, U.S. Virgin Islands
Ex. 6 - Personal Privacy (PP) ▪ Fax: Ex. 6 - Personal Privacy (PP) ▪ Website: http://vimas.uvi.edu

March 28, 2023

U.S. Environmental Protection Agency (EPA)
Office of Environmental Justice and External Civil Rights

Subject: Subaward Agreement and Letter of Commitment and Support for Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program for Volunteer in Your Community, Inc

Dear EPA:

This letter confirms that the Virgin Islands Marine Advisory Service (VIMAS) commits to be in a paid collaborative partnership with Volunteer in Your Community, Inc on the US EPA Environmental Justice Collaborative Problem Solving Project (EJCPS). As the Director of the Virgin Islands Marine Advisory Service for St. Thomas, I work to educate and provide awareness to the Virgin Islands community about marine-related concerns. This also entails providing educational opportunities for students to learn more about their environment. This occurs at the University of the Virgin Islands or elsewhere. I also work alongside politicians and other decision-makers on issues centered around the management of our natural resources.

During our contract period for the EJCPS project, I will:

- Assist with project visioning
- Strategic development to maximize community engagement
- Perform consensus building and dispute resolution when applicable
- Help facilitate workshops and provide training on effective ways to engage in the policy-making process with local government officials

VIMAS has a long history of working to raise awareness about our island's natural resources and foster environmental stewardship. The largest effort we completed most recently was the USVI Marine Debris Action Plan. We look forward to joining this effort and applying what we learned during the Marine Debris Action Plan.

Should you have any additional questions about VIMAS's role or commitment to this project, please feel free to contact me.

Sincerely,

Howard Forbes Jr.

Howard Forbes Jr., MSc
Director
Virgin Islands Marine Advisory Service
University of the Virgin Islands
Ex. 6 - Personal Privacy (PP) (office phone)
Website: Ex. 6 Personal Privacy (PP)

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ELEVATEWI

Doing life together

March 28, 2023

U.S. Environmental Protection Agency (EPA)
Office of Environmental Justice and External Civil Rights

Subject: Sub-award Agreement and Letter of Commitment and Support for Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program for Volunteer in Your Community, Inc

Dear EPA:

This letter confirms that ElevateWi Inc commits to be in a paid collaborative partnership with Volunteer in Your Community, Inc on the US EPA Environmental Justice Collaborative Problem Solving Project (EJCPS). ElevateWi is an independent, nonprofit that engages with families and caregivers, providing spaces that facilitate support of youth by their families and greater communities while growing in their creative pursuits. Youth engaged in our programs develop a sense of belonging and community, build improved coping skills, nurture mental health, develop high self-esteem and confidence, as well as have an outlet and opportunities to express their creative abilities and envision and take action on the pathway to their creative goals.

During our contract period for the EJCPS project, ElevateWi will:

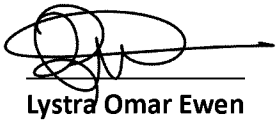
- Connect Volunteer in Your Community, Inc with volunteers
- Assist with community engagement activities in St. Thomas
- Create community empowerment messaging through artistic expression to generate interest in the clean-up tasks
- Hold workshops so that youth can express their creativity by creating art from litter

ElevateWi has previously partnered with Volunteer in Your Community, Inc with community engagement activities in St. Thomas. We have discussed the goals of this project and explored strategies for carrying out the work. ElevateWi is excited to work with VIYC again to solve a critically important environmental problem for many of us in the Caribbean.

6149 ANNAS RETREAT ST THOMAS VI 00802 | Ex. 6 Personal Privacy (PP) | Ex. 6 - Personal Privacy (PP)

Should you have any additional questions about ElevateWi's role or commitment to this project, please feel free to contact me.

Sincerely,



Lystra Omar Ewen
Founder and President

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NAGATENT TEMPLE

March 28, 2023

U.S. Environmental Protection Agency (EPA)
Office of Environmental Justice and External Civil Rights

Subject: Subaward Agreement and Letter of Commitment and Support for Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program for Volunteer in Your Community, Inc

Dear EPA:

This letter confirms that Nagatent Temple commits to be in a paid collaborative partnership with Volunteer in Your Community, Inc on the US EPA Environmental Justice Collaborative Problem Solving Project (EJCPS). Nagatent Temple is a faith-based organization that Discover and Create new and innovative ways to give solutions for recycled, reused, and repurposed materials for building self-sustainable creative structures to help maintain and preserve the natural environment for communal use and cultural design acceptance.

During their contract period for the EJCPS project, Nagatent Temple will:
- Provide technical assistance during workshops in mentoring and Training the Trainers Technical Assistance of Project Performance and Maintenance.
- Assist with workshop delivery water filtration for clean water for farmers crops, and building a Plastic Pyrolysis Process System to help remedy plastic waist in key areas for sea life and main lands to thrive.

Nagatent Temple has previously partnered with Volunteer in Your Community in the erection and building of a 20 feet Eco Dome in Greensboro NC. The Eco Dome was built to provide local fresh produce for the people in the area, and a Center for people to come and receive alternative medical services for health related issues. We are excited to work with you again to help improve environmental conditions and protect human health with funding from the US EPA.

Should you have any additional questions about RTI's role or commitment to this project, please feel free to contact me.

Sincerely,

Ra Naman El
Spiritual Mentor
Nagatent Temple
443 Byars St
Rock Hill SC 20730
Ex. 6 - Personal Privacy (PP)

Resumes

Redacted

Ex. 6 Personal Privacy (PP)

Phone: Ex. 6 - Personal Privacy (PP)

Email- Ex. 6 Personal Privacy (PP)

Profile Professional with sound community building experience and commitment to program development. Offering excellent oral and written communication skills. Experience and training in civic engagement, community outreach, volunteer recruiting, employee training, youth education and large event organization. High energy with ability to multitask and problem solve. An enthusiastic personality to effectively lead groups and work independently.

Education

Georgian Court University	Fine Arts/Graphic Design	From 96 to 98
DeVry University	Business Administration (Dean's List)	From 00 to 01
Brookstone College of Business	Medical Health Office Technology	From 02 to 03
GTCC Jamestown	Early Childhood Education/Music From	From 04 to 05
NCAT	Biological Engineering	From 08 to 10
Guilford College	Community Studies/Biology 3.90 GPA	From 10 to 12

Experience

10/2008 to present Founder- Volunteer in Your Community Greensboro NC

◆ Plan and execute events to empower the community with a focus on youth development

◆ Feed the Homeless and the impoverished through funding from various sponsors and donors

◆ Instruct and lead art and music classes for underprivileged children

◆Provide guidance and leadership toward the formation and growth of the following non-profits under our umbrella and fiscal sponsorship:

- Elevate Wi. Inc. US Virgin Islands Nova Network Inc. NC Healing Springs Farmacy NC
- New Beginnings Farm MS The Art In Life Foundation, VA Nagatent Temple Inc. SC
- Healing Springs Hemp Farm Inc. NC The Rehab Experts Inc. NC & VA Afro Agriculture NC & GA

08/2007 to 12/2008 Sales Leader Citibank, McLeansville, NC

◆ Top Sales Associate each quarter ◆ Improved employee sales and morale as team leader ◆ Maximized productivity and surpassed sales goals each quarter

09/2003 to 7/2005 Customer Service Representative for High Value Card Members Unit/Coach American Express Greensboro, NC

◆ Effectively resolved customer issues and performed maintenance on customer accounts. ◆ Achieved superior sales and service revues ◆ Coached and trained employees on effective leadership and sales techniques.

References Available Upon Request

Redacted

Curriculum Vitae

Contact Information:

Center for Marine and Environmental Studies
University of the Virgin Islands

Ex. 6 Personal Privacy (PP)

Email: Ex. 6 Personal Privacy (PP) Office:

Ex. 6 - Personal Privacy (PP)

Education:

Master of Science (MSc)	***Marine and Environmental Sciences*** Natural Resource Management Track University of the Virgin Islands St. Thomas, US Virgin Islands	2012-2014
Bachelor of Science (BS)	***Biology Magna Cum Laude*** University of the Virgin Islands St. Thomas, US Virgin Islands	2006-2010

Employment History:

Virgin Islands Marine and Advisory Service Territorial Director Sept. 2022 - Present
University of the Virgin Islands, St. Thomas, US Virgin Islands

Scope of work: As the territorial director for The Virgin Islands Marine Advisory Service (VIMAS), my primary duties include completing VIMAS objectives for the USVI territory (St. Thomas, St. John, and St. Croix) as outlined in our subaward agreement with the University of Puerto Rico's Sea Grant College Program part of the University of Puerto Rico's Sea Grant College Program, establish and maintain research partnerships with researchers both within the University of the Virgin Islands and abroad, secure external funding to bolster existing VIMAS projects as well as develop new projects that align with VIMAS' mission, and maintain the online presences of both VIMAS and CMES through the use of social media and website updates.

Virgin Islands Marine and Advisory Service Coordinator Sept. 2014-Sept. 2022
University of the Virgin Islands, St. Thomas, US Virgin Islands

Scope of work: As the coordinator for The Virgin Islands Marine Advisory Service (VIMAS), my primary duties include completing VIMAS objectives for St. Thomas and St. John as outlined in our subaward agreement with the University of Puerto Rico's Sea Grant College Program part of the University of Puerto Rico's Sea Grant College Program, establish and maintain research partnerships with researchers both within the University of the Virgin Islands and abroad, secure external funding to bolster existing VIMAS projects as well as develop new projects that align with VIMAS' mission, and maintain the online presences of both VIMAS and CMES through the use of social media and website updates.

Thesis and Graduate Researcher June 2013-May 2014
Center for Marine and Environmental Sciences, University of the Virgin Islands, St. Thomas, US Virgin Islands

Scope of work: This work focused on assessing the health of three *Rhizophora mangle* (Red mangrove) forests on the island of St. Thomas, US Virgin Islands utilizing biophysical and biochemical techniques. At each study site, random plots were established and monitored for three months; within each plot, the height and diameter at breast height (dbh) of each red mangrove tree was measured and recorded. Approximately 100 g of red mangrove leaves were collected and also assessed for the presence and absence of plant specific primary and secondary metabolites.

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ST. THOMAS VI 00802

CONTACT: Ex. 6 - Personal Privacy (PP) | Ex. 6 - Personal Privacy (PP)

Education:

The Academy of Modern Applied Psychology - Life Coaching Practitioner Diploma

Center for Sacred Dialogue - Apprenticeship Training in psychotherapy, holistic development and spirituality. (Ongoing)

University of the West Indies - Teacher Training Program

The Vocal Corner Store Los Angeles - Vocal training/coaching and artist/musical development with creative director Nicholas Cooper.

Church of God International - Ministerial/Leadership Certification.

Leadercast - Annual workshops/leadership training.

Qualifications:

Leadership & Youth Development

Mt. Zion Music/Media Department - Served as director of music and media from 2010- 2021 creating electrifying musical atmospheres for worshippers at this local assembly and around the region. Transformed a traditional worship ministry into a more structured and modernized music and media production, engaging younger demographics, producing a new generation of passionate performing arts and media production professionals.

Men of Valor - Designed and lead a mentorship program for young men in the in the Annas Retreat community, providing counseling and coaching helping each participant to better navigate life in the areas of social interaction, conflict resolution, academics, career choice and personal and professional development.

Mt. Zion Youth Department - Help to develop and lead youth mentorship programs/activities as the assistant youth director from 2010 - 2015, then as the youth director from 2019 - 2021, modernizing the youth department bringing much needed change to the methods of reaching the younger generation, shifting from super spiritual to a more practical and relatable approach.

Community Development

ElevateJa - Created this outreach organization to help alleviate some of the social ills affecting Jamaican communities. The kings Meet Up, one of ElevateJa's prize projects has provided a space where young adult men gather and address issues affecting them in a very relatable environment. Using a group therapy/masterminds approach, participating men have been able to work through past traumas and come up with practical action plans for achieving their individual life goals.

ElevateWi - Founder and president of this outreach geared towards creating safe spaces for young adults to express freely and artistically while finding support among each other. Through various programs and events this organization continuously create opportunities for personal & professional development in the VI community and beyond through a very connected online network.

Other Work/Leadership Experience:

Teacher - Education Department of the Government of Anguilla-2000-2003
Radio Show Host - Grace fm-2000-2009
Banker- Caribbean Commercial Bank- 2004 - 2008
Event Promoter - Anguilla & US Virgin Islands - 2003 - Present
Villa Manager - Seven Star Villa Ocho Rios Jamaica - 2016 - 2020
Community Intervention Officer - Ashe Company/USAID Jamaica - 2018 - 2019
Business Owner and Manager - ARTSYL Ltd Jamaica - 2018 - Present
Community Theater Development Venue Director - St. Thomas USVI - 2021
Media/Social Media Presenter - 2000 - Present
Singer/Musical Performer - Present
Spiritual Counsellor - Continuum Care Hospice - 2022

SKILLS:
Gifted Singer and Musician
Excellent leadership and interpersonal/communication skills
Detail oriented with a keen eye for excellence.
Motivational/Inspirational Speaker and Spiritual/Thought Leader
Excellent networking and team building skills.
Trained in first aid and first response - St. Thomas Rescue (USVI)

OTHER TRAINING:
Continuously attend leadership and professional/personal development workshops and seminars.
Attended several teacher training/development workshops from 2000-2003

Interests:

Singing, listening to and creating music. Outdoor nature activities and water sports. Holistic wellness, youth mentorship specifically for our young men. Traveling and planning social/recreational events. Meeting and interacting with fellow human beings, embracing and learning from our differences and similarities.

VernaLyn R. Julien
Redacted
St Thomas, VI 00801
Phone: Ex. 6 - Personal Privacy (PP)
Email: Ex. 6 - Personal Privacy (PP)

Muria Nisbett
Veterans Administration Therapist
U.S. Department of Veterans Affairs
Ex. 6 Personal Privacy (PP)
Phone: Ex. 6 - Personal Privacy (PP)
Email: Ex. 6 - Personal Privacy (PP)

Jacklyn Ruan
Administrator
Mount Zion Church of God
St. Thomas VI
Phone: Ex. 6 - Personal Privacy (PP)
Email: Ex. 6 - Personal Privacy (PP)

NAGATENT TEMPLE

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CONTACT

Ex. 6 - Personal Privacy (PP)

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PROFILE

Discovering and Creating new and innovative ways to give solutions for reduce, recycled, reused, and repurposed materials for building self-sustainable creative structures to help maintain and preserve the natural environment for communal use and cultural design acceptance.

EDUCATION

Healing Springs Farmacy
Permaculture and Land Stewardship Studies
2021, Greensboro NC

Ocean Service Noaa Recycle Workshop
2017, Online

Indigenous Society
Spiritual Science and Purification of Water
2015, Charlotte NC

KEY SKILLS

-Effective Communication
-Problem Solving
-Training the Trainers
-Analytical Skills
-Teamwork

AWARDS

Community Dome Building
Partnership Award
Greensboro NC
July 2022

CERTIFICATION

Certificate of Permaculture and Land Stewardship Studies
2021
Certification of Ancient Indigenous Spiritual Arts and Science
2019
Certificate of Naturopath Healer
2019

PROFESSIONAL EXPERIENCE

Nagatent Temple Water quality Research and Development (Director) Feb 2 – Aug 5, 2016
Nagatent Temple and Community Researchers, Rock Hill SC
- Study Testing the quality of city tap, rain, and polluted water.
- Researching recycled and natural materials for design models of filtration.
- Gathering and testing materials for use.
- Developing and Creating Low-cost Indigenous filtration systems for clean drinking water for remote rural, regional use.

Nagatent Temple Food and Water conservation Club for Kids (Instructor) May 3 – Sept 7, 2020
Nagatent Temple and Healing Springs Farmacy, Rock Hill SC
- Educating youth about food and water conservation
- Hands-on demonstration of food planting in pods
- Testing water quality for food germination
- Managing water quality for nutrition and growth of food

Nagatent Temple Nature walks and Land Stewardship Workshop (Tour guide Instructor) Oct 8, 2020
Nagatent Temple and Community Volunteers, Union County SC
- Responsible for Trash and Litter Pick up
- Testing the Soil quality for future community growing
- Gathering of Native herbs and plants for quality test and medicinal use

Nagatent Temple Land Soil Survey (Researcher/Study) July 14-Nov 8, 2021
Nagatent Temple Partners with Local Expert Soil Researchers, Union County SC
- Meeting with Partners and Experts on Soil Study
- Testing Soil for Growing and Natural Building
- Gathering samples and testing quality
- Implementing different methods of soil types for growing and Natural Building

Nagatent Temple Plastic Research Study and Development Designs (Creative Director) Oct 3, 2022 – Present
Nagatent Temple Partners with Volunteer INC. and RTI , Rock Hill SC
- Researching Recycle Models for Study Development Design
- Turning plastic into Petro, Gas, and Carbon through a process of alchemical change
- Developing Study Model for Effective use and environmental safety
- Creating three industries from this one solution
- Creating a new zero-energy model design when all resources are used up.

501c3 Documentation

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: MAY 04 2009

VOLUNTEER IN YOUR COMMUNITY INC
702 SYKES AVERIDGE STE 4803B
GREENSBORO, NC 27405

Employer Identification Number:
26-3474620
DLN:
Ex. 6 Personal Privacy (PP)
Contact Person:
ZENIA LUK ID# 31522
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)
Accounting Period Ending:
December 31
Public Charity Status:
170(b)(1)(A)(vi)
Form 990 Required:
Yes
Effective Date of Exemption:
October 23, 2008
Contribution Deductibility:
Yes
Addendum Applies:
No

Dear Applicant:

We are pleased to inform you that upon review of your application for tax exempt status we have determined that you are exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code. Contributions to you are deductible under section 170 of the Code. You are also qualified to receive tax deductible bequests, devises, transfers or gifts under section 2055, 2106 or 2522 of the Code. Because this letter could help resolve any questions regarding your exempt status, you should keep it in your permanent records.

Organizations exempt under section 501(c)(3) of the Code are further classified as either public charities or private foundations. We determined that you are a public charity under the Code section(s) listed in the heading of this letter.

Please see enclosed Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, for some helpful information about your responsibilities as an exempt organization.

Letter 947 (DO/CG)

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experience

Administrator | Einhorn Media Group
Dec 2013 - Present (Pittsburgh, PA)

Lead day-to-day administration and operations for a multimedia design firm.

- Delegate project tasks, create timelines, develop budgets, manage quality control, and serve as main contact for all clients and vendors
- Record and track expenses, pay bills, and invoice clients
- Coordinate company meetings, appointments, and interviews, create agendas, record minutes, and manage calendar for Creative Director and other staff members
- Administer payroll and health insurance for all employees
- Maintain office utilities, equipment, and supplies

Communications Coordinator
Carnegie Mellon International Film Festival
Feb 2011 – Dec 2020 (Pittsburgh, PA)

Work as part of a team to organize 10 documentary and feature film festivals, each focusing on a different annual theme that addresses a contemporary social issue.

- Supervise 5-7 people on the Design and Website teams, develop the festival's brand through print and digital materials, assign and manage tasks, and handle print production
- Design e-newsletters, develop content and messaging, and manage mailing lists
- Serve as lead writer on grant applications and final reports
- Liaise with local organizations and news outlets for story coverage, event listings, and press releases
- Provide customer service and collect survey data at events

Marketing Assistant | Sustainability Pioneers
Sept 2014 – Dec 2018 (Pittsburgh, PA)

- Designed e-newsletters and pamphlets and created targeted mailing lists for a Southwestern PA-based series of short films documenting efforts towards clean energy and sustainable living

Marketing & Communications Intern | 1100 Architect
Aug 2011 – Dec 2011 (New York, NY)

- Assembled marketing materials and assisted in photoshoots
- Helped plan the firm's annual holiday party, including purchasing decorations, creating video projections, and holiday card mailings

education

University of Pittsburgh
BS | Psychology +
History of Art & Architecture
Magna Cum Laude

volunteer activities

412 Food Rescue
Pittsburgh, PA • Jan 2021 – Present

Young Audiences NJ-EPA
Princeton, NJ • Sept 2012 – Nov 2013

Arts Council of Princeton
Princeton, NJ • Jan 2013 – Nov 2013

Phipps Conservatory
Pittsburgh, PA • Jan 2011 – Apr 2011

Carnegie Museum of Natural History
Pittsburgh, PA • Jun 2010 – Aug 2010

Three Rivers Arts Festival
Pittsburgh, PA • Jun 2010

skills

Adobe Creative Suite
Microsoft Office
Quicken
Quickbooks
Email Marketing
Survey Programs
Donor Perfect

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Ex. 6 Personal Privacy (PP)
New York, NY 10128

Mobile: Ex. 6 - Personal Privacy (PP)
Email: Ex. 6 - Personal Privacy (PP)

Summary

- Results-focused professional with 15+ years of program development, launch and management experience and 10+ years of academic and professional experience in the areas of renewable energy, climate change and non-profit management focused on advocacy, mobilization and community engagement
- Extensive experience in managing high performing teams of up to one-hundred individuals, comprised of both employees and community-based volunteers across both flat and matrix organization structures

Education

E-Cornell University — Remote
Climate Change Leadership Certificate — Date of Completion: July 2022

ImperialX College London — Remote
Clean Power Professional Certificate — Date of Completion: December 2021

Columbia University — New York, NY
School of International and Public Affairs — Graduation: 2009
Master of Public Administration
Concentration: International Energy Management and Policy

Institute of Ismaili Studies — London, UK
Graduate Program in Islamic Studies and the Humanities — Graduation: 2007
Concentration: Development in Muslim Contexts — Cumulative GPA: 3.94/4.33

Drexel University — Philadelphia, PA
Bachelor of Science in Chemical Engineering — Graduation: 2003
Minor: Business Administration — Cumulative GPA: 3.7/4.0

Experience

WCAPS – Climate Change Working Group (CCWG) — *Remote*
Lead Events Coordinator — *2022 – Present*

Overview: *Part of the senior leadership startup team for the Women of Color Advancing Peace and Security, creating a space for women of color (WOC) in climate-related discussions and initiatives, while building a network where organizations and experts in the field work hand in hand to advocate for and share solutions on how best to address issues of climate change and climate justice for the most vulnerable and marginalized*

- Developed a 3-year startup strategy to provide platforms for WOC to amplify their work in the climate change space, and created a set of metrics to ensure strong engagement
- Enabled climate change advocacy both within the WCAPS community, as well as within academia, policy and for-profit actors, through leading high-profile events focused on topics such as: Climate Refugees, Intersections between Gender and Climate Change, and Food Security

Ismaili Tariqah and Religious Education Board for USA — *Remote*
Portfolio Manager, Board Member — *2015-Present*

Overview: *Responsible for strategy development, implementation, and management of a youth focused portfolio, with an operating budget of over $300K, mandated to support community engagement, youth mobilization and quality of life for over 10,000 Muslim young adults across the US. Responsible for the management and oversight of 10 teams comprising of over 100 volunteers and 5 paid staff*

- Created trending, impactful virtual learning spaces, engaging over 15,000 participants in religious education and community engagement, and completing over 220 sessions in under 20 months. Topics included: a history of Islam in America, climate change, intersectionality, race in America, immigration, refugee settlement, social justice, arts and culture, history, mental health, etc.
- Working collaboratively with 4 adjacent youth facing institutions, formulated, developed and implemented a 36-week holistic religious education system (content and delivery channel) for 100+ teachers, 15 teacher educators, 25 instructional coaches serving 1,000 11th and 12th grade students across the US, with a curriculum focused on religious identity, college readiness, physical & mental health, civic engagement and financial literacy.
- Drove ~200% annual growth in target segment served since 2015. Strategy and programs developed and implemented included:
  - 300+ on campus sessions at over 60 universities; engaging 50+ scholars discussing Islamic studies, culture, identity, history, and society.
  - 18, three-day, residential overnight retreats; training 50+ facilitators/faculty in content and facilitation skills.

- 4, two-week, residential overnight academic programs exploring concepts of history of America, identity, culture and society.
- 2, two-week, experiential road-trips exploring the contemporary, intersectional identities by road trip through 5 cities across the USA

- Built a comprehensive strategy, team and infrastructure from the ground up for the board to sustainability serve the youth segment:
  - Recruited, on-boarded, trained and managed 10 teams comprising of over 100 volunteer program management staff.
  - Managed teams focused on content development, logistics, budgets, and sustainability / scaling of the multiple projects.

Aga Khan Council for USA – Youth and Sports Board *Remote*

Portfolio Manager, Board Member *2009-2015*

Overview: *Managed the operations of a matrix body of 14 volunteer board members with a budget of over $200K, mandated to support positive physical, social and emotional development approaches for over 15,000 youth from adolescence to adulthood*

- Developed and implemented an annual 4-day, overnight, residential program for youth to productively utilize school breaks (winter/spring) supporting civil society initiatives such as rehabilitation work in disaster affected areas, building houses for economically disadvantaged families, creating gardens in food deserts, providing essential support services at homeless shelters, etc.
- Managed a team of 12 volunteers to develop policies/strategies and implemented programs and assessments related to positive youth development.
- Developed and implemented a sports strategy for over 3,000 youth, which included sports clinics, regional and national tournaments.

London Economics International *Boston, MA, New York, NY*

Consultant *2008 - 2011*

Overview: *Provided global, financial and strategic consultancy services for private and public sector institutions as well as sovereigns on environment, energy, water and infrastructure. Advised on privatization, asset valuation, deregulation, tariff design, market power, and strategy in deregulated markets worldwide.*

- Completed extensive research and analysis for several projects, including:
  - Developing and enhancing the Middle East renewable energy portfolio.
  - Electricity policy analysis for participating countries in the South-East Europe Regional Energy Market.

Selected projects:

- Advised the Government of Rwanda in its evaluation of options for the development of the Nyaborongo and Rukarara hydropower Projects (combined 45 MW) through developing a macroeconomic model and analysis on the impact of alternative project financing approaches on several macroeconomic parameters. Prepared an additional analysis detailing the development impacts at a micro level.
- Analyzed prospects of the development and purchase of generating assets using renewable energy sources in Europe. Provided insight into the supply and demand balance, electricity regulatory environment, policies regarding renewable generation and strategies of key power producers of all European Union countries.
- Completed a renewable policy analysis in the European Union of energy policies, directives and legislation in the arena of renewable energy for electrical generation.

Columbia University, Center for Energy *New York, NY*

Program Assistant *2008 – 2009*

Overview: *Provided oversight and administration of 2 concentrations, and 10 courses comprising over 500 students at Columbia that include: urban energy, energy and development, climate change, global energy governance, and marine transportation.*

- Supported the Director of the Center for Energy with managing the faculty, students and alumni of the Energy concentration and with the development of the curriculum for this concentration at the School of International and Public Affairs.

Pamir Energy *Khorog, Tajikistan*

Engineer *2007*

Overview: *Provided rehabilitation services for a 50MW power plant located in Khorog, Tajikistan serving 100,000 people in the Gorno-Badakshan region of Central Asia. Supported a rehabilitation team for a hydroelectric power plant, located in a remote region of Central Asia, in areas such as: procurement management; devising contracts for IFC; engineering consulting and design.*

Public Service Enterprise Group (PSEG) *Newark, NJ*

Engineer *2003-2005*

Overview: *Completed a two-year management rotational program at PSEG, a major unregulated, independent power producer in the United States, with a portfolio of natural gas, coal and oil-fired electric generating stations.*

- Supervised a team of 12 union employees in the operation of two gas-fired combined-cycle (gas/oil) plants and one combustion turbine (gas) (combined generating capacity: 1242 MW). Planned and implemented a six-month on-site overhaul of a simple-cycle turbine. Supervised 20 employees; coordinated the contractors and suppliers; managed the budget and delivery timetable.

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) Forest Hills, NY 11375
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Ex. 6 - Personal Privacy (PP)

RELEVANT EXPERIENCE

Waterfront Alliance, New York, NY
CHIEF OPERATING OFFICER, June 2016-present

- Responsible for day-to-day operations of 11 person team and $1.6M annual operating budget
- Oversee annual budgeting process; prepare and monitor short-term and long-term cash flow analysis; review and approve all purchase requests; work with accountant to perform monthly bank reconciliations; oversee annual financial audit
- Ensure compliance with labor laws (city, state, and federal); manage all insurance plans and work with brokers to secure best rates
- Approve job descriptions, participate in all hiring interviews; draft offer letters; on-board and off-board all employees; oversee administration of all benefits; periodically review and update employee handbook
- Manage contractors (IT, special events, graphic designer)
- Oversee contract management for city and state awards
- Set and oversee annual work plan ensuring staff ownership of goals and objectives; conduct quarterly progress reports against benchmarks; oversee annual performance management review process of employees
- Set agendas for and run weekly staff meetings; promote a culture of teamwork and continuous learning
- Responsible for physical office space (lease, equipment, IT needs, inventory, maintenance, etc.)
- Serve as staff representative leading new five-year strategic planning process (with consultant & board co-chairs) Serve as member of senior management team with CEO and director of programs.
- Supervise three direct reports (office administrator, deputy director of development, communications associate)

DIRECTOR OF COMMUNICATIONS AND DEVELOPMENT, September 2014-June 2016

- Responsible for meeting annual revenue target of $1.4M-$1.6M through individual, foundation, corporate, and government funding
- Developed, implemented, and monitored annual development and communications plan
- Oversaw day-to-day operations of department; managed four team members; led weekly team meetings
- Led rebranding of organization, including new name and logo, website, collateral; developed style guide
- Approved content for and edited twice monthly *WaterWire* online newsletter
- Developed op-eds, drafted press releases, and managed all press inquires
- Oversaw portfolio of foundation funders providing annual grants of $15,000 to $150,000; cultivated relationships with foundation officers, prepared grant proposals and reports, identified new prospects
- Implemented fundraising plans for three annual events

Global Partnership for Afghanistan, New York, NY & Kabul, Afghanistan
DIRECTOR OF DEVELOPMENT & ACTING EXECUTIVE DIRECTOR, December 2013-September 2014
DEVELOPMENT AND COMMUNICATIONS OFFICER, July 2012-December 2013

- Responsible for annual budget of $1.2M
- Developed, implemented, and monitored annual development and communications plan
- Provided oversight for government (USAID) grant proposals, secured contracts, reporting, and compliance
- Researched, wrote, and submitted letters of inquiry and grant proposals to institutional funders
- Managed portfolio of 250+ current and prospective individual donors
- Produced annual fundraising benefit; organized all aspects of donor cultivation events
- Oversaw all external communications, including media inquiries and partnerships,
- Created content for annual report, brochures, and other print and online materials
- Oversaw electronic communications, including newsletters, website, and social media
- Worked closely with finance team to track and report out on revenue vs expenses, monitor cash flow, and ensure that quarterly fundraising targets were met

- Collaborated with program team to develop success stories, create donor reports, and track M&E activities
- Led weekly senior staff meetings with U.S. and Kabul staff (via Skype); advised Kabul staff on safety and security measures for headquarters and field posts
- Managed four direct reports (chief of party, operations manager, development assistant, and accountant)

African Rainforest Conservancy, New York, NY, November 2009-July 2012
EXECUTIVE DIRECTOR

- Oversaw all operations, including administrative, financial, and legal
- Prepared and monitored annual fundraising plan and budget of $500K
- Researched, wrote, and submitted letters of inquiry, grant proposals, and grant reports
- Produced annual Artists for Africa benefit for 150+ guests; executed annual fund campaigns
- Wrote and implemented annual public relations plan; wrote and distributed press releases; maintained press contacts; produced annual report
- Launched new website; maintained and developed new content; launched first social media campaign
- Established first Junior Board; organized and led monthly meetings for over two dozen young professionals; launched "Summer Party in the Concrete Jungle" annual event
- Coordinated and led quarterly meetings for Board of Directors
- Traveled to Tanzania annually (2-3 weeks per trip) to meet with partners and beneficiaries in the field
- Managed all interns, volunteers, and consultants

High Atlas Foundation, Rabat, Morocco, October 2007-November 2009
COUNTRY DIRECTOR

- Opened first in-country office in Rabat, Morocco and recruited/hired staff
- Oversaw all operations, including administrative, financial, and legal
- Developed and launched 15 partnerships with corporations, nonprofits, government agencies and universities to further organization's mission
- Collaborated with Board's Executive Committee to develop annual operating and fundraising plans; responsible for more than doubling annual budget in first year
- Wrote and distributed press releases and other communication materials; worked with translator to translate into French and/or Arabic
- Engaged RPCV Morocco community around events and fundraising initiatives
- Developed content and layout for new website; maintained website and created new content; wrote, designed, and distributed quarterly electronic newsletter for 5,000+ subscribers; executed online fundraising campaigns
- Organized 15 events in NYC, DC, and Morocco; including annual fundraising receptions for 100 in NYC & DC; reception for 120 at the residence of the U.S. Ambassador to Morocco; and major donor dinner for 30 at the residence of the Moroccan Ambassador to the U.S.
- Wrote, planned, and executed annual fund appeal for 2,000+ current and prospective donors and supporters; created a "Founder's Circle" for $250+ donors that grew to more than 50 donors in first year
- Provided oversight for project implementation, management, and evaluation; regularly visited projects in the field
- Coordinated and led quarterly meetings for Board of Directors
- Managed an international team of staff, interns, and volunteers

United States Peace Corps, Ouarzazate, Morocco, August 2001-March 2003 *(service interrupted early due to Iraq War)*
ENVIRONMENTAL EDUCATION & RURAL COMMUNITY DEVELOPMENT VOLUNTEER

- Participated in three month training in Berber and Arabic languages; and Islamic religion and culture
- Assisted village's newly formed women's association on development of the association through Participatory Rural Appraisal (PRA) and implementation of socio-economic development projects
- Wrote grants, secured funding and resources for a women's literacy program, chicken cooperative, and fuel-efficient cook stove demonstration project for village of 300+ people
- Designed, translated, and taught environmental education at a three day "Take Our Daughters To Work" workshop

OTHER EXPERIENCE

Echoing Green, New York, NY, February 2006-October 2007
DEVELOPMENT ASSOCIATE

- Collaborated with three-member development team to raise annual budget of $3.2 million
- Managed the day-to-day operations of the development department, including the gift acknowledgment process and database; worked with accountant to track revenue and expenditures
- Planned and executed 9 events (ranging from 20-200+ people each), including site visits, donor cultivation cocktails, and the Partners for Social Change membership quarterly lunch series
- Wrote, planned, and executed annual fund appeals for 2,000 current and prospective donors
- Oversaw grants calendar and assisted with the writing and editing of proposals and reports
- Researched institutional and individual donors and created prospect profiles
- Coordinated the design and production of the organization's first annual report
- Managed development assistant and interns

Blue Ocean Institute, Cold Spring Harbor, NY, June 2005-September 2005
COMMUNICATIONS & DEVELOPMENT INTERN

- Researched and developed outreach materials on sustainable seafood choices
- Assisted with organization and implementation of fundraising and program events, including Atlanta-based art benefit, "Schooling Chefs" curriculum writing workshop, and mailing of 3,000 letters seeking annual fund support
- Researched corporate and foundation funding opportunities, created database of potential funders, wrote letters of inquiry with goal to secure $200K to support "Schooling Chefs" program; participated in preliminary process of grant writing
- Compiled portfolio of press releases, staff writings and articles written about Blue Ocean Institute and developed media section for website

Stony Brook University, Dept. of Marine Sciences, Stony Brook, NY, June 2003-May 2005
RESEARCH ASSISTANT

- Developed technique for rapidly assessing marsh systems over 100 year time scales
- Planned and conducted all field work and laboratory analyses related to research project (including radioisotope dating, grain size analysis, and loss on ignition); worked independently and led groups in field
- Conducted literature searches, synthesized information and wrote two technical reports on the qualitative and quantitative attributes and indicators used to assess the health and functioning of salt marshes in relationship to sea-level rise
- Wrote and presented comprehensive Master's thesis based on research work; thesis included scientific findings, historical perspectives, and public policy implications for marsh management practices

NONPROFIT BOARD AND VOLUNTEER SERVICE

- **CorpsAfrica,** Vice Chair and Founding Board Member (December 2010-May 2015)
  Provided leadership, financial oversight, and fundraising expertise for nonprofit organization leading the national service movement in Africa—for Africans—based on the Peace Corps service model.
- **GLK Student Fund**, Volunteer (June 2012-August 2012)
  Developed an 18-month donor relations strategy for all-volunteer nonprofit organization that provides scholarships for students in Tanzania.
- **High Atlas Foundation**, Board of Directors (October 2005-March 2010)
  Served on multiple committees, with primary focus on fundraising and events for nonprofit organization with mission to support rural Moroccan communities.

PROFESSIONAL DEVELOPMENT

- **New York Community Trust Leadership Fellows**, New York, NY Fall 2016 Cohort
- **Major Gift Fundraising: The Art and the Science**, NYU School of Continuing and Professional Studies, New York, NY, May 2007 (15 hours)
- **Proposal Writing Seminar II**, Foundation Center, New York, NY, November 2006 (8 hours)
- **Proposal Writing Seminar I**, Foundation Center, New York, NY, July 2006 (8 hours instruction)

LANGUAGES

- **French:** Proficient; received 100 hours of group language instruction at the French Institute, Rabat, Morocco; spoke, read, and wrote on a daily basis for two years; coursework in college and high school.
- **Moroccan Arabic:** Proficient; received 50 hours of private instruction in spoken Moroccan Arabic at ILCS, Rabat, Morocco; spoke on a daily basis for two years; received language instruction in Peace Corps (speaking, reading, and writing).

COMPUTER SKILLS

- MS Word, Excel, PowerPoint, Outlook
- Creative Suite (In Design, Adobe Illustrator, and Photoshop)
- Drupal, WordPress, MailChimp, Convio, Salesforce, eTapestry, QuickBooks, Basecamp

EDUCATION

Stony Brook University, Stony Brook, NY
M.S. Marine and Atmospheric Sciences, August 2005
Thesis: "A Retrospective Study of Salt-Marsh Response to Historical Anthropogenic Modifications at Seatuck and Wertheim National Wildlife Refuges"

Wheaton College, Norton, MA
B.A. *Cum laude*, May 2001
Major: Biology
Double Minor: Environmental Studies & Education

Honors:
Clinton V. MacCoy Prize in Ecology
Tri-Beta Biological Honor Society
Balfour Scholar, Dean's List

Williams College Maritime Studies Program, Mystic, CT — Fall Semester 1999

Ex. 6 Personal Privacy (PP)

Brooklyn, New York | Ex. 6 Personal Privacy (PP) | Ex. 6 - Personal Privacy (PP)

RELEVANT EXPERIENCE

Waterfront Alliance, *Senior Manager for Climate Policy* — New York, NY

January 2022– Present

- Lead day-to-day climate policy and advocacy development.
- Spearhead, maintain, and manage stakeholder relationships with Alliance and Rise to Resilience Coalition partners.
- Represent Waterfront Alliance publicly as leader in climate resilience, advocacy, and policy.

Federal Emergency Management Agency (FEMA), *Environmental Floodplain Specialist* — New York, NY

July 2021 – Jan. 2022

- Served as a technical specialist on floodplains and wetlands, providing advice and assistance to FEMA program staff, state emergency management staff, Tribal, state, local governments.

National Parks Conservation Association, *Urban and Coastal Resiliency Associate* — New York, NY

January 2020 – Jan. 2022

- Co-Authored *"Parks on the Edge: A Northeast Coastal National Parks Climate Report."*
- Advanced internal regional and national climate change strategies, with focus on coastal adaptation.
- Organized round-table event with National Park Service Superintendents to address climate change at northeast national parks.

New York City Department of Parks & Recreation, *Stormwater Management Intern* — New York, NY

May 2019 – August 2019

- Assisted in on-site field verification, assessments, and mapping of stormwater infrastructure.
- Experienced hands-on intergovernmental coordination with local, state and federal agencies.

EDUCATION

Columbia University, *Master of Science in Sustainability Management* — New York, NY

December 2019

- Concentration: Sustainable Water Management

Baylor University, *Bachelor of Business Administration in Marketing and Environmental Science* — Waco, TX

May 2018

- Concentration: Non-Profit Business Management

James Cook University, *Sustainability Study Abroad* — Queensland, Australia

June 2017

- Courses in Ecology, Natural Resource Management & Environmental Preservation

Iceland School of Energy, *Renewable Energy Study Abroad* — Reykjavík, Iceland

May 2015

- Courses in Renewable Energy, specifically geothermal, hydroelectric, & solar.

CERTIFICATIONS

- Waterfront Alliance: *Waterfront Edge Design Guidelines (WEGD)* — 2022
- U.S Green Building Council (USGBC): *LEED Green Associate* — 2019
- New York City Department of Environmental Protection: *Stormwater Pollution Prevention & Good Housekeeping* — 2019
- Federal Emergency Management Agency (FEMA): *Environmental and Historic Preservation Certification* — 2019
- National Center for Disaster Preparedness: *Transitioning Disaster Survivors from Temporary to Permanent Housing* — 2019
- Baylor University: *Non-Profit Outstanding Student of the Year* — 2018
- The Meadows Center for Water and the Environment: *Water Quality Testing Certification* — 2016

Coney Island Beautification Project, Inc.
Ex. 6 Personal Privacy (PP)
Brooklyn, NY 11224
Ex. 6 - Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)

4/13/2023

U.S. Environmental Protection Agency
Office Of Environmental Justice and External Civil Rights
Jacob Burney
Burney.Jacob@epa.gov

RE: Waterfront Alliance Application for EPA EJCPS Grant Application (EPA-R-OEJECR-OCS-23-01)

Dear Mr. Burney,

I am writing on behalf of Coney Island Beautification Project (CIBP) to express our formal commitment to partnering with the Waterfront Alliance on the EPA EJCPS Grant Application for the project titled, Climate Informed Communities: Collaborative Climate Resilience Solutions for New York City. Please consider this letter as our official endorsement of the project and its objectives, as well as a commitment for CIBP to complete the project activities and responsibilities outlined below.

The goal of this project is to ensure local communities and neighborhoods grow to (1) better learn and understand the risks they will face from climate impacts before major infrastructure and retrofitting for green infrastructure come online, and (2) are able to influence and advocate for local climate resilient projects for their communities.

As a partner in this project, Coney Island Beautification Project is committed to carrying out the following activities:

- Work in partnership with Waterfront Alliance to disseminate information about climate readiness;
- Waterfront Alliance and partner to provide materials, presenting at meetings, holding one-on-one discussions in coordination with our partners about climate readiness;
- Identification of community members and nonformal organizations within communities that the partner and/or Waterfront Alliance will prioritize to work with first.

The Waterfront Alliance will provide a subaward to Coney Island Beautification Project for this work in the amount of $15,000. The Waterfront Alliance has agreed to pay out the subaward to CIBP upon receipt of the grant award.

We are proud to contribute to this important project and believe that it aligns well with the Coney Island Beautification Project's work to promote resiliency and sustainability of public spaces and the waterfront.

Thank you for considering our commitment to this project. Please let us know if you require any further information or support.

Sincerely,

Pamela Pettyjohn

Pamela Pettyjohn
Coney Island Beautification Project
President

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Science and Resilience Institute
at Jamaica Bay
CUNY- Brooklyn College
2900 Bedford Avenue
Brooklyn, NY 11210
Ex. 6 Personal Privacy (PP)
www.srijb.org

April 10, 2023

U.S. Environmental Protection Agency
Office Of Environmental Justice and External Civil Rights
Jacob Burney
Burney.Jacob@epa.gov

RE: Waterfront Alliance Application for EPA EJCPS Grant Application (EPA-R-OEJECR-OCS-23-01)

Dear Mr. Burney,

I am writing on behalf of the Science and Resilience Institute at Jamaica Bay (SRIJB) to express our formal commitment to partnering with the Waterfront Alliance on the EPA EJCPS Grant Application for the project titled, Climate Informed Communities: Collaborative Climate Resilience Solutions for New York City. The Science and Resilience Institute at Jamaica Bay is an institute of the City University of New York hosted at Brooklyn College and created through a partnership with the City of New York and the National Park Service. Please consider this letter as our official endorsement of the project and its objectives, as well as a commitment for SRIJB to complete the project activities and responsibilities outlined below.

The goal of this project is to ensure local communities and neighborhoods grow to (1) better learn and understand the risks they will face from climate impacts before major infrastructure and retrofitting for green infrastructure come online, and (2) are able to influence and advocate for local climate resilient projects for their communities.

As a partner in this project, SRIJB is committed to carrying out the following activities:

- Data sharing regarding local climate impacts;
- Assistance in interpreting science that is helpful to community preparedness and decision making;
- Identification of most impacted communities.

The Waterfront Alliance will provide a subaward to SRIJB for this work in the amount of $10,000. The Waterfront Alliance has agreed to pay out the subaward to SRIJB upon receipt of the grant award.

We are proud to contribute to this important project and believe that it aligns well with SRIJB's mission to bring a new model of collaboration to critical environmental challenges and produce

integrated knowledge that increases biodiversity, well-being, and adaptive capacity in coastal communities and waters surrounding Jamaica Bay and New York City.

Thank you for considering our commitment to this project. Please let us know if you require any further information or support.

Sincerely,



Brett Branco
Executive Director
Science and Resilience Institute at Jamaica Bay
Brooklyn College

1.0 PROGRAM OBJECTIVES

a. Project Summary Page (1 page):

Project Title: Climate Informed Communities: Collaborative Climate Resilience Solutions for New York City (CIC)

Project Location: 1) Coney Island, Brooklyn, NY 11224, 11235, 11223, 11214; 2) Red Hook, Brooklyn, NY 11231; 3) Flushing, Queens, NY 11368, 11374, 11375, 11367, 11355; 4) Far Rockaway, Queens, NY 11691, 11559; 5) North Shore of Staten Island, Staten Island, NY 10303, 10314, 10310, 10301; and 6) South Bronx, Bronx, NY 10455, 10451, 10474.

Applicant Information: Waterfront Alliance, 256 W 36th Street, 11th Floor New York, NY 10018; Ex. 6 - Personal Privacy (PP)

Brief Description of Applicant Organization: Waterfront Alliance brings together a diverse coalition of more than 1,100 Alliance Partners dedicated to economically vibrant, resilient, revitalized, and accessible waterfronts for all communities. We elevate environmental justice and frontline communities, community-level preparedness, community-driven design, and planning for climate resilience. We put powerful tools directly in the hands of people whose lives and livelihoods are threatened by climate change.

Are you applying for the Small CBO Set Aside Track for $150,000 projects? No

Project Abstract: Responding to needs expressed by environmental justice (EJ) community members in Flushing, Far Rockaway, Coney Island, Red Hook, the North Shore of Staten Island, and the South Bronx, Waterfront Alliance developed the Climate Informed Communities (CIC) program and partnership. We will work directly with EJ communities facing the greatest burdens of climate change— least prepared to recover after major impacts—to ensure they have the tools needed for disaster preparation, and to ensure their voices are elevated to readily participate in climate resilience infrastructure projects and planning.

The collaborative partnership (seven community-based organizations, two academic institutions, one local government agency) will work with communities to help utilize readily available climate resilience and preparedness tools for heat, flooding, and extreme weather. Additionally, the partnership will work directly with community members to build tools and skills to influence infrastructure outcomes for projects in their communities. This work will result in EJ communities being more prepared for future disasters; community assets better protected; individuals confidently contributing to neighborhood-level plans for resilience infrastructure; and communities better positioned to receive government funding for climate resilience projects.

Project Type(s): Training; public education; engaging disadvantaged communities in local, state, and federal public processes; community revitalization planning in support of climate resilience and adaptation; development of disaster preparedness plans.

Special Considerations: Climate Change/Disaster Resiliency

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1.0 PROGRAM OBJECTIVES (cont.)

b. Environmental and Public Health information of the Underserved Community

The entire Coney Island neighborhood is considered a disadvantaged community by the Justice40 (CEJST) map in EPA's EJScreen tool. A community member in Coney Island explains that Hurricane Sandy in 2012 was a life changing event from which many people are still rebuilding and in debt, with very little new government investment since. This leaves many Coney Island residents experiencing vulnerability and anxiety. People report that insurance companies don't want to pay, and recovery programs that are available to other communities are not available in theirs. Information about existing resources feels scarce or too complicated to access, even for those few people with the technology and time to do so. Pamela Pettyjohn, president and founder of the Coney Island Beautification Project (CIBP), said, "Most of us feel a lot of fear that builds every June, when hurricane season starts. We're afraid of losing everything—not just our possessions but our lives. We can't afford to rebuild if we flood again. But we also know we have to live with the water, we can't just wall it up. We hope that Coney Island could become a model for coastal communities and climate resilience." Ms. Pettyjohn and CIBP participated in their first City of Water Day in 2014 (a day annually organized by the Waterfront Alliance) and have been partners with Waterfront Alliance ever since, saying that "Waterfront Alliance spoke up for communities when other organizations weren't."

The North Shore of Staten Island has a population of about 79,171. According to EPA's EJScreen tool, 74 percent of the population are people of color, 36 percent speak English as a second language, and 40 percent have a household income of less than $50,000. The region is particularly vulnerable to sea level rise, storm surge, and flooding. Hurricane Sandy left a devastating impact on the community, which has spurred a need for community action. Kelly Vilar, founder and CEO of the Staten Island Urban Center told us, "There aren't enough people in our borough fighting for resiliency or adaptation. We are at the baby stages of organizing around environmental justice, around our waterfront. There are so many things we need to lift our voice about. We need to find elected officials that are going to fight for us, that even believe in climate change." Ms. Vilar and Staten Island Urban Center will be critical partners with us as we work in Staten Island to better prepare for storms and climate change. Staten Island residents point out the difference between storms in the past and storms from Hurricane Sandy to today. A resident who grew up in the community and raised her family here, said "Back then, it was four to six inches in my home. This time it was close to six feet." Many residents agree that leaving people in an area that will always flood is not appropriate, especially as extreme weather becomes more prevalent. There are calls to build back with extreme attention to climate resilience, and make sure there's an ample green buffer to protect those who still live in the area.

According to New York State and EPA's EJScreen tool, the Rockaways are considered environmental justice communities. The Rockaways have a population of 123,398 people, 69 percent of which are people of color, 32 percent speak English as second language, and 48 percent of household earn an income below $50,000. Further, the Rockaways rank above the 75th USA percentile for Environmental Justice indexes like Ozone, Diesel Particulate Matter Superfund Proximity, and more. These EJ indexes combined with the region's vulnerability to storms leaves the region in great need for preparation. The Rockaways is a region intimately familiar with the potential devastation for sea level rise, climate change, and increasingly intense storms. In 2012, Hurricane Sandy destroyed more than 1,000 structures and 10 feet of storm

surge flooded the region. Residents in the Rockaway lived for months without heat and with mold growing from the water damage. Just over a decade later, residents are still traumatized and fearful of future storms. "It was truly a terrible experience for our communities, and we can still feel the effects of the storm to this day," state Senator Joseph Addabbo said. "...we are working to implement storm mitigation measures in our waters so that when the next storm hits we are prepared." But more, there is still significant work to do. Community members point to their ability to rally around each other and come back even stronger, showing the human aspect of resilience in the face of a changing climate.

The South Bronx is a disadvantaged community as defined in the Justice40 (CEJST) map. There are approximately 55,000 people living in this region, 97 percent of whom are people of color, 40 percent did not graduate high school, and 74 percent disclose a household income of less than $50,000. In the eyes of some community members, South Bronx feels "written off," which leaves people disheartened and frightened—as well as angry. People comment that proposed flood walls and other measures were not created to get rid of risk to the community and in fact may be putting people more at risk. Additionally, some people are concerned that resilience planners are not looking at social vulnerability and environmental justice; at what those communities need and deserve." Equally important, as noted by a local environmental justice advocate, "They're so focused on storm surge, that they're going to miss the mark and not actually protect the region from all of the threats that it faces in terms of coastal resilience," She urges planners to use fewer physical, concrete barriers, and instead provide multi-benefit nature-based solutions, like marshes and wetlands, that protect properties while reducing heat islands and improving air quality and people's emotional and physical well-being.

Red Hook is a disadvantaged community as defined in the Justice40 (CEJST) map in EPA's EJScreen tool. According to EJScreen, Red Hook's population is about 11,008 people, 81 percent of whom are people of color, 28 percent have not finished high school, and 64 percent disclose a household income of under $50,000. As a coastal community, Red Hook is also vulnerable to severe storms and flooding. Waterfront Alliance Board member and business owner in Red Hook, Mike Stamatis, recently recounted his experience during Hurricane Sandy and of the need for far more investment in resilience. "We're still in the same position that we were ten years ago. If there is another Sandy, God forbid, nothing has been done. The same thing would happen. I've seen minor things done in the community for flood protection, but nowhere near what needs to happen. I've seen plans to make major investments for flood protection—but it's all happening too slow and it may not be here in time. But at the end of the day, no matter what happens, we'll still be here. I know this community will pull together.".

Flushing Bay and Flushing Creek—which community members call Flushing Waterways—includes several communities that partner organizations quantify as "high need." People living here are in areas rated 95 percent for air toxicity. More than half don't speak English at home, and many are first-generation immigrants. Further, this region is considered a disadvantaged community as defined by Justice40 data in EPA's EJScreen tool. People living here suffered from inland flooding during Hurricane Ida; in Flushing and East Elmhurst many people died in their basements. Community members report conversations about managed retreat and buyouts, and at the same time fear the threat of being displaced by unchecked development. The

community is inundated with water following every storm, and air toxicity will only get worse with increased heat and pollution.

What are the environmental/public health issue(s) that the project seeks to address?
According to the Centers for Disease Control, people on the frontlines of climate change will be affected by disruptions of physical, biological, and ecological systems. Direct health effects include increased respiratory and heart disease, infectious diseases, injuries and premature death from extreme impacts, and threats to mental health among others.

People living in the coastal and EJ communities of Flushing, Far Rockaway, Coney Island, Red Hook, North Shore of Staten Island, and the South Bronx, are at the frontline of the climate crisis and are living with these public health effects exacerbated by the consequences of systemic underinvestment. Community members report that their day-to-day lives are affected by worries about extreme heat and flooding. They express they are already paying the costs of more extreme storms and heat—in power outages, train and road closures, flood damage and repairs, rising insurance premiums, and limits to where they can live (even if people do not identify all these impacts as directly related to climate). Without the ability to prepare for and respond to climate risks, people will face even more harm as storms intensify and heat waves get longer and hotter.

What are the environmental/public health results the project seeks to achieve and how will the underserved community benefit from those results?
Climate Informed Communities (CIC) will greatly help communities prepare for and respond to climate risks. The communities will be better protected—both as individuals and as neighborhoods—from the impacts of climate change through existing disaster preparedness resources. This includes ensuring dissemination and uptake of disaster preparedness resources that will help members gain access to cooling centers and free air conditioning programs, prepare their properties for flood events, know when to evacuate, take advantage of flood insurance, and protect their valuables. These methods of disaster preparedness help reduce the risks of death, extensive property damage, asset losses, and recovery times.

As we and our partners work to build community capacity to engage in infrastructure decision making, capacity will be built for communities to strongly amplify their voices during the wide range of neighborhood planning and community engagement processes that are coming to neighborhoods. Climate resilience infrastructure is one of the most powerful methods of protecting communities. The widest range of health results are possible from major infrastructure projects—such as cooling centers and air conditioning options that are widely and publicly available, communities less susceptible to, or free from, flooding impacts, and storm surges prevented from devastating properties, local transportation, and energy systems.

c. Organization's Historical Connection to Underserved Community
For sixteen years, the Waterfront Alliance has been dedicated to ensuring changes along waterfronts and coastlines meet the needs of the most under-resourced local communities. This includes serving under-resourced schools, communities and youth through free, STEM-based estuary education programs and shaping climate-resilient planning, and infrastructure for the most vulnerable and under-resourced communities.

Waterfront Alliance's historical climate resilience commitment to underserved communities is grounded in our leadership of the Rise to Resilience Coalition. The Rise to Resilience Coalition is dedicated to resilience for all communities, with an emphasis on historic disinvestment, calling for making climate resilience an urgent priority. Principles that guide Rise to Resilience include: (1) Infrastructure and housing must be safe and resilient to future conditions; (2) Information needs to be transparent and accessible—we all have the right to know our climate risk; (3) Adaptation strategies must be based in science and community-driven; (4) Public and private investments in resilience must flow to all, but especially those at greatest risk: low-income communities and communities of color; (5) Well-paying, locally hired, long-term green jobs are the basis of a resilient economy for all; and (6) Solutions need to address both human needs and protect and restore wildlife and their habitats.

We pay special attention to welcoming and elevating voices often excluded from resilience planning and information in the spaces where we work, such as environmental justice, community, and labor groups. We review and develop policies through a lens that acknowledges and is informed by the intersectional crises of climate, racism, and affordable and safe housing, and prioritizes those that are hit first and worst by the climate crisis. This work—the network and partnership that we have fostered for many years—form the basis of our ability to execute. The CIC program and partnership was developed with our partners, Rise to Resilience Coalition members, and experts, all of whom realized we are at a crossroads in the climate crisis and take on more holistic solutions to climate resilience.

More specific examples include Waterfront Alliance's work in Coney Island during Hurricane Sandy in 2012 via direct collaboration with Coney Island Beautification Project (CIBP). We continue to support CIBP by providing organizational capacity to their work through funding and operational and administrative support. Additionally, CIBP president, Pamela Pettyjohn, serves on the Waterfront Alliance board of trustees and provides strategic advice and guidance to our work as it relates to Coney Island and EJ more broadly.

Our work in the North Shore of Staten Island started in 2020, with conversations around lack of waterfront access, a problem further exacerbated by Hurricane Sandy and the Covid-19 pandemic. In 2021, Waterfront Alliance published a study that drew on interviews with 30 stakeholders and a public workshop with more than 70 participants and provided context and recommendations to promote waterfront access and community centered planning. We continue to work with community groups like Staten Island Kayak and the Staten Island Urban Center to develop plans to increase waterfront access and resilience for the North Shore of Staten Island. Lastly, for many years we have provided direct STEM-based environmental education for various public schools including IS 49 Berta A. Dreyfus and PS 59 The Harbor View School.

Our work in Far Rockaway started with expanding recreational opportunities in and around Jamaica Bay for residents on the Rockaway Peninsula. We have also supported efforts to better preserve, maintain, and expand the wetlands and native vegetation surrounding the Rockaways. Additionally, Waterfront Alliance spearheaded the campaign to bring back the citywide ferry service to New York City. In 2017, the Rockaway ferry landing became operational after nearly two decades without ferryboat transportation in the region – offering residents of the Rockaways a transportation alternative across boroughs. Most recently, our work has expanded significantly

in Far Rockaway when several community groups, like Regional Ready Rockaway and Far Rockaway Arverne Nonprofit Coalition (FRANC) joined the Rise to Resilience Coalition.

Waterfront Alliance continues to serve as a staunch advocate for Red Hook's local economy by supporting the historical presence of the maritime industry in the neighborhood, including Red Hook Terminals, which provides jobs to local community members. Additionally, we are engaged in Red Hook through our education program, Estuary Explorers. In 2021, we hosted a teacher training workshop in Louis Valentino Park where dozens of teachers joined us from various Brooklyn-based schools to learn how to incorporate Waterfront Alliance's coastal resilience education toolkit into their curriculums.

Our work in Flushing started a few years ago when the community identified two issue areas: 1) the proposed LaGuardia AirTrain project, and 2) the constant flooding of Flushing Meadows Corona Park. In response, Waterfront Alliance has been a strong advocate for transportation alternatives to the LaGuardia AirTrain, like ferry service, and, with support facilitated by Congressmember Grace Meng of Queens, we are now investing more than $500,000 in the development of a community-led climate resilience plan for Flushing Meadows Corona Park.

Similar to the North Shore of Staten Island, our work in South Bronx started a few years ago in collaboration with South Bronx Unite, to address a lack of waterfront access—just one of the many environmental justice concerns in the neighborhood. We worked with South Bronx Unite to develop a community vision and action plan to open a waterfront site for recreational use. We further engaged the community by distributing surveys to community members about the waterfront site action plan, through which we learned there was a strong interest in helping with volunteer efforts, and a special interest in waterfront recreation.

These relationships and historical partnerships will be critical to the collaborative problem-solving program proposed here, Climate Informed Communities (CIC). Each of the partners described above have played a direct role in informing CIC and guiding the project's work plan.

d. EJCPS Model

Each of the seven elements of the EJCPS Model will be undertaken in this project. As the proposed work has been ongoing for several years now, Waterfront Alliance and our partners have made significant progress on a few of the elements, while just beginning on others. Below is a brief description of how the partners will incorporate each element and the progress to date.

CPS Element 1 (Issue Identification, Community Vision, and Strategic Goal Setting): Communities have been and will continue to be directly engaged in issue identification, project envisioning, and strategic goal setting. Each partner in the collaboration has specific ties to their respective neighborhoods, and these community-based partners will provide connections to community leaders and centers to engage community members in the initial planning process. Work of the Waterfront Alliance with the CPS Model Element 1 has been ongoing for several years, during which time we have regularly met with community leaders and groups to identify major issue areas, including extreme heat, flooding, evacuation planning, and extreme storms. We have also directly heard from communities about their vision for the future, and we have

developed project goals and outcomes with that vision in mind. As the project moves forward, the partnership will continue to work with members of the community on strategic goal setting.

CPS Element 2 (Community Capacity-Building and Leadership Development): CPS Element 2 is at the heart of this project and is also central to the Waterfront Alliance's mission and programs. We will integrate community capacity-building and leadership development into each project activity. Progress on CPS Element 2 thus far has included educating ourselves on identified issues such as extreme flooding and heat, identifying partners who can provide technical expertise (e.g., MOCEJ), and launching community education and awareness efforts (e.g., community tabling events, Rise to Resilience Coalition meetings, and disseminating emergency preparedness resources, information regarding existing relief and support programs, and extreme weather fact sheets). Most of the project activities will fall into the CPS Element 2 category and will focus on enabling community members to participate in collaborative problem-solving processes, providing them with training, resources, and technical assistance, building trust, and working together to identify additional issue areas or program gaps.

CPS Element 3 (Consensus Building and Dispute Resolution): CPS Element 3 will be initiated at the very start of the project, as outlined in the project work plan. The Waterfront Alliance will organize a project kick-off meeting, which will involve all project partners. The agenda will include establishing a decision-making framework for the partnership, determining shared values and commitments to diversity, equity, and inclusion, and discussing dispute resolution strategies to be utilized throughout the project. Waterfront Alliance has extensive experience in this area because of our role as a convener for the Rise to Resilience Coalition and Alliance Partners.

CPS Element 4 (Multi-Stakeholder Partnerships and Leveraging of Resources): We have made initial progress on CPS Element 4. Waterfront Alliance has engaged in discussions with potential partners to assess alignment and potential concerns, invited partners to share resources that would be helpful for this project, and sought out new partners that address the issues we aim to tackle. The remaining aspects of CPS Element 4, such as creating a shared vision, establishing goals and objectives among partners, and developing a clear work plan, will be completed after the announcement of the EPA grant award and the initial project kick-off meeting. The Rise to Resilience Coalition was incubated, developed, and launched in this manner.

CPS Element 5 (Constructive Engagement by Relevant Stakeholders): We utilized CPS Element 5 as we began conceptualizing this project. In identifying potential partners, we carefully considered which government entities could provide technical and financial assistance, as well as which other stakeholder groups could offer additional support. As the project progresses, we will continue to seek support and cooperation from additional stakeholder groups, exploring new partnership opportunities as they arise. The Rise to Resilience Coalition embraces a collective, community-based approach to action, identity, and leadership. In this sense, the Coalition is a community of practice to ensure its efforts are more than the sum of its parts.

CPS Element 6 (Sound Management and Implementation): At the beginning of the project, the project manager will lead the implementation of CPS Element 6. They will work with the partners to solidify the project work plan and outline each partner's agreed-upon commitment, project plans, and timeline. After these initial plans are agreed upon, the project manager will

continue to implement sound management techniques throughout the project, including regular communication, setting deadlines for project deliverables, celebrating successes, and utilizing partner resources to maximize the project's capacity.

CPS Element 7 (Evaluation, Lessons Learned, and Replication of Best Practices): CPS Element 7 will be integrated into the work plan proposed here. The plan will include regular progress evaluations, clear metrics to measure success, procedures for documenting progress and success, and a process for incorporating lessons learned into future project activities. CPS Element 7 will be incorporated throughout the duration of the project. Final meetings will be held to reflect on the project and evaluate overall success and lessons learned.

e. Project Linkages

This project strongly leverages and enhances existing city, state, and federal resilience projects and reinforces the work through an equitable lens. Collaboration is centered around environmental justice communities that have been historically left out of disaster recovery and climate resilience infrastructure planning and funding and as a result face deeper impacts of climate change. Partners will support people living in coastal communities to become climate informed as they pursue a more clear and actionable understanding of the resilience and adaptation transformations needed to better protect their neighborhoods and livelihoods, immediately and as future threats loom. This work directly relates to two strategies in Objective 2.1: Building capacity and climate resilience and maximizing benefits to overburdened and underserved communities; and engaging and supporting federal, state, and local governments to achieve results in communities. Through this project, target communities will have the knowledge and resources to effectively weigh in on, engage with, and provide feedback on all federal and state projects, including EPA programs. This project will also further EPA's objective 2.2 to ensure that all federal and state projects are community-driven, coordinated and collaborative, and support equitable and resilient community development.

f. Partner and Collaborate

This grant seeks to address, in part, the siloed nature of how local government disseminates climate and disaster related information. The local government has vast resources to share with communities but when Waterfront Alliance is on the ground in various neighborhoods, we continue to hear that the government is not there, disaster preparedness information is not known, or that there are major gaps in services. For example, New York City's Home Energy Assistance Program (HEAP), which provides free air conditioning units to renters in need, runs a surplus of air conditioning units year after year, even though chronic heat exposure continues to claim the lives of New Yorkers, with Black/African American people accounting for more than 50 percent of these deaths. We know that people have been unaware of the program or do not have information on when and how to apply for free air conditioning units. Through this grant, we will connect people to resources like HEAP, and other resources like deployable sandbags, to make sure that the information and resources that the government has readily available actually get into the homes of community members who face the greatest climate and disaster impacts.

Waterfront Alliance (non-profit sector partner/CBO) will work with the NYC Mayor's Office of Climate and Environmental Justice/MOCEJ (government sector partner), the six neighborhood-based non-profit organizations that are listed below (non-profit sector partner/CBO), Science and

Resilience Institute at Jamaica Bay/SRIJB (academia sector partner), and the Harbor Middle School (academia sector partner). Together these partners represent ten different groups from three different stakeholder groups working with a shared vision: to provide tools, resources, and knowledge that helps people living in climate-vulnerable New York neighborhoods understand, prepare for, respond to, and recover from a changing climate.

Identify and describe all partners involved, including those partnerships that may be under development.

The government partnership with NYC Mayor's Office of Climate and Environmental Justice (MOCEJ), will provide direct services and resources to target communities through their Climate Strong Communities (CSC) Program, which helps local governments take action to reduce greenhouse gas emissions and adapt to a changing climate, and also offers grants, rebates for electric vehicles, and free technical assistance. The CBO partners will bring deep knowledge and connectivity to their respective neighborhoods. Their contributions include hosting community meetings, providing connections to community leaders, and giving insight on service gaps faced by communities. The academic partners, including the Harbor Middle School and the Science and Resilience Institute at Jamaica Bay, will provide a forum to educate teachers and provide technical expertise and knowledge sharing. Lastly, Waterfront Alliance will lead the initiative, acting as a project manager for the partners while conducting direct education and community outreach to help prepare people living in the target communities for the worst effects of climate change. The specific project activities to be led by Waterfront Alliance are included in the project activities section below.

1. NYC Mayor's Office of Climate and Environmental Justice (Government): Prioritizing City resources and action in low-income and communities of color most vulnerable to climate change so they reap the benefits of a climate adapted future, including augmenting social service programs and community partnerships to create robust support networks. Activities include:
   - Provide strategic guidance, interagency coordination, and other advisory support.
   - Identify City resources and programs that need more robust community engagement.
2. Waterfront Alliance (Community based organization): Working to build, transform, revitalize, and protect accessible waterfronts for all communities. Activities include:
   - Lead and project manage each task and commitments to meeting project goals.
   - Work in partnership with CBOs to disseminate information about climate readiness.
   - Provide materials, present at meetings, hold one-on-one discussions in coordination with partners about climate readiness.
   - Maintain database, communications materials, and project resources.
   - Conduct processes to measure progress and improve processes as needed.
3. Harbor Middle School (Academic): A public middle school in Red Hook that focuses on maritime and STEAM curriculum. Activities include:
   - Work with Waterfront Alliance to host teacher trainings focused on extreme weather preparedness through lessons such as how to find shelter during a hurricane or flood and how to prepare a go bag.
   - Offer Continuing Teaching and Leader Education (CTLE) credits to teachers participating in the trainings.

- Distribute education materials such as Waterfront Alliance's Climate Resilience Literacy Handbook and Extreme Weather Fact Sheet.

4. Science and Resilience Institute at Jamaica Bay/SRIJB(Academic): Producing integrated knowledge that increases biodiversity, well-being, and adaptive capacity in coastal communities and waters surrounding Jamaica Bay and New York City. Activities include:
   - Share data regarding local climate impacts.
   - Interpreting science that is helpful for community preparedness and decision making.
   - Identify the most impacted communities.
5. Guardians of Flushing Bay (Community based organization): Striving to place community and ecological needs at the forefront of our work by collaboratively envisioning socially and ecologically just futures with Flushing Waterways communities.
6. Coney Island Beautification Project (Community based organization): A civic organization dedicated to the resilience and sustainability of public spaces and the waterfront.
7. Red Hook Initiative (Community based organization): Giving young people and residents the tools, resources and opportunities they need to interrupt the systems and barriers that perpetuate historic inequities for the Red Hook community.
8. Far Rockaway Arverne Nonprofit Coalition/FRANC(Community based organization): A project under the Fund for The City of New York that leverages the power of collaboration to create an environment conducive to progress. The organizations that members of the coalition service young people and conduct work within the Rockaways.
9. Staten Island Urban Center (Community Based Organization): Inspiring and educating multi-generational and multiethnic stakeholders as we build our own healthy neighborhoods and to elevate community voices through activism and art.
10. South Bronx Unite (Community Based Organization): Brings together neighborhood residents, community organizations, academic institutions, and allies to improve and protect the social, environmental, and economic future of Mott Haven and Port Morris.

The Community Based Organization partners listed in numbers 5-10, will complete the following activities for their respective communities:

- Disseminate information about climate readiness.
- Provide materials, present at meetings, hold one-on-one discussions about climate readiness.
- Identify community members and nonformal organizations within community that the partner and/or Waterfront Alliance will prioritize to work with first.

What resources does each partner bring to the partnership?
Each partner in this project brings a valuable set of skills and resources to the proposed work and a long-standing commitment to people living in the identified communities, as well experience working on environmental justice and/or climate change initiatives.

As the lead partner on this grant, Waterfront Alliance will bring its long track record of convening and its experience bringing together diverse stakeholders to the project. The NYC Mayor's Office of Climate and Environmental Justice has access to resources that can support community members in climate change preparedness and disaster recovery, as well as an understanding of how New York City will move forward with climate infrastructure projects. Guardians of Flushing Bay has a strong community presence in Flushing and an extensive

network of community members who can contribute to the partnership's efforts. Coney Island Beautification Project brings extensive knowledge on community concerns around hurricane preparedness and climate resilience projects and is a trusted community convener. Red Hook Initiative brings its extensive experience in youth development and community outreach. The Far Rockaway Arverne Nonprofit Coalition has a deep understanding of the local community and the urgent need for disaster recovery. Staten Island Urban Center brings their expertise in engaging multi-generational and multiethnic stakeholders around shared community concerns and issues. South Bronx Unite has extensive experience in community-based research, and a deep understanding of the social and environmental impacts of climate change on vulnerable populations. Harbor Middle School has experience in education and engaging students in sustainability efforts. Finally, the Science and Resilience Institute at Jamaica Bay brings a strong academic and scientific background and expertise in coastal resiliency planning.

How have the partners developed or shown a vested interest in working with this partnership?

The partnership established for this grant project has demonstrated a vested interest in working together beyond just receiving funding through a subaward and signing a letter of commitment. Partners have shown their commitment through active participation in planning, implementation, and evaluation meetings. We have met one on one with each partner to discuss and strategize the project vision, strategy and partner roles and responsibilities. Additionally, partners have already started sharing resources, highlighting their willingness to collaborate and work towards shared goals. The partnership has also sought mutual benefits, promoting the partnership to their networks and introducing potential new partners to join the project.

With a long-term perspective in mind, the partners are invested in the sustainability of the partnership beyond the grant cycle. Conversations have already strengthened relationships, increased engagement for other Waterfront Alliance programs, including the Rise to Resilience Coalition and Estuary Explorers, and produced new opportunities for collaboration. Finally, the partnership has been willing to explore new ideas and solutions to achieve their common goals, showing a willingness to take risks and experiment. Overall, the partnership for this grant project has demonstrated the qualities of a strong and sustainable partnership through active participation, resource sharing, seeking mutual benefits, a long-term perspective, and innovation.

How does the applicant organization plan to maintain and sustain these relationships on into the future?

Relationships will largely be sustained through the Rise to Resilience Coalition, which was launched by the Waterfront Alliance after years of planning with climate-impacted communities, environmental justice leaders, and nonprofits activists. The Rise to Resilience Coalition focuses on systems change and is centered on leveraging the power of local and regional organizations to reduce climate change risks and ensure our region is resilient for generations to come.

The Rise to Resilience Coalition consists of more than 100 organizations, including many of the partners in this proposed project. The Coalition embraces a collective, community-based approach to action, identity, and leadership. It is recognized as a forum for cutting edge discussions around climate resilience policy, programs, and initiatives.

The coalition's three working groups—New York City/New York State, New Jersey, and Federal—meet monthly with dozens of active participants. Moderated by Waterfront Alliance staff and rotating co-chairs from partner organizations, the meetings are rooted in participation and provide opportunities to learn, share updates, request support, and offer perspective. Meeting agendas prioritize strategizing and planning community engagement efforts based on Coalition member feedback and what they are experiencing real time on the ground. This iterative approach allows for thoughtful, holistic collaborative partnership building that is informed by member expertise and experience.

The sharing of knowledge also enables skills-based learning and opportunities for members to further their leadership practice. Coalition members build strong connections with city agencies and other entities, and take lessons learned back to their communities and organizations. Together, these Rise to Resilience Coalition activities will allow for the relationships developed in this project to be sustained long past the grant end date.

Additionally, Climate Informed Communities will continue to be a fundamental program at the Waterfront Alliance and thus the work outlined in this proposal will continue past EPA funding. The Waterfront Alliance's organizational budget now incorporates the Climate Informed Communities program on an annual basis; though EPA funding will allow us to jump start this program, sustained funding is anticipated. The continuation of the Climate Informed Communities program past this grant date will ensure that the partnerships developed throughout the timeframe of this project will be sustained.

Compliance with 2 CFR Part 200 on Competitive Procurement and EPA Subaward Policy
Waterfront Alliance will provide subawards to most of the project partners, as outlined in their respective letters of commitment. These financial transactions comply with the EPA's subaward policy and ensure that no partner is profiting off the EPA grant funded subaward.

2.0 PROJECT ACTIVITIES/MILESTONE SCHEDULE

a. Project Activities

Waterfront Alliance will take a phased approach to execute the CIC program and partnership.

Phase 1 - Complete identification of most impacted communities and neighborhoods: The final identification and confirmation of the communities and neighborhoods most impacted by climate hazards—including criteria that identify those with the least amount of physical, economic and social resources —will be accomplished by working directly with our community partners; obtaining data sets from SRIJB and MOCEJ; utilizing Waterfront Alliance's previous analysis; using data from the Centers for Disease Control Social Vulnerability Index (CDC SVI), EPA's EJScreen, the Opportunity Atlas Data set, and NYC Planning Community District Profiles; and by capturing the on the ground experiences and best practices with partners.

Phase 2 - Understanding the community needs and gaps in services: We will refine our and partners' understanding of community needs as well as gaps in resources and services. This includes identifying key community members and working with nonformal organizations to conduct one-on-one meetings, leveraging existing informal/formal structures and gatherings, and

conducting workshops/meetings/surveys to document more about the community climate resiliency needs and current gaps of knowledge and services.

Phase 3 - Identification and finalization of tools and services available to build climate resilience: We will identify and finalize the suite of community-based climate resilience tools and services that exist that can be helpful and effective for communities and individuals. We will accomplish this by coordinating with MOCEJ, FEMA, New York State, and others to finalize a set of readily available resources for the pre-identified communities.

Phase 4 - Building an awareness of tools and services within the most impacted communities: Working with all partners, we will build and leverage a customized vision plan and implementation strategy customized for each community to develop the most effective methods to disseminate the set of climate resiliency tools and services. This includes coordinating with insurance associations in the identified communities to develop the full set of flood protection options available.

Phase 5 - Building long term community climate resilience: We will engage in a continuous feedback loop from evaluations of previously conducted community engagements and will result in an iterated vision plan. Utilizing a revised vision plan, regular, continuous community engagements will provide a platform to learn about any proposals for large scale infrastructure projects in their communities and provide comments and feedback. Our Climate Resilience Handbook will form the basis of climate education we will engage in including infrastructure options and solutions, the how's and why's of each option. We will work with communities, targeted to receive climate resilient infrastructure, to develop community level plans for long term infrastructure solutions.

Major components of the resources we will work with include:

- Using Rainfall Ready NYC, we ensure that community members know how to prepare for intense storms, including getting flood insurance, monitoring conditions before storms using New York City's notifications systems, monitoring conditions during storms, and recovering rapidly after storms.
- We will help educate people living in these communities about existing resources they can use. Many of the numerous resources available are new and minimally known now.
- We will push for increased participation in the Home Energy Assistance Program (HEAP) Cooling Assistance. Currently, the program is not publicized effectively—ensure that community members are made aware how to obtain free air conditioning units.
- We will distribute Waterfront Alliance and other educational materials, including *Climate Resilience Literacy Handbook* and *Extreme Weather Fact Sheet,* on how to prepare and protect homes, people, and communities against extreme weather and potential disasters.

b. Milestone Schedule

Timeframe *(from project start date)*	***Major Milestones and Activities***

	Phase 1: Complete identification of most impacted communities and neighborhoods
5 months	Work with SRIJB and MOCEJ to obtain data on past and projected local climate hazards, particularly from flooding and intense heat.
5 months	Evaluate the data to finalize the neighborhoods that are most impacted
5 months	Incorporate Centers for Disease Control Social Vulnerability Index (CDC SVI); the Opportunity Atlas Data set; and NYC Planning Community District Profiles to compare against neighborhood results
ongoing	Capture the on the ground experiences, learnings, best practices from partners

	Phase 2: Understanding the needs of the community and gaps in services
2 months	Complete a project kick-off meeting, establish a decision-making framework for the partnership, shared values, diversity, equity, and inclusion, dispute resolution
2 months	Waterfront Alliance will coordinate with CBOs to identify community members and nonformal organizations
8 months	Conduct outreach to community members and nonformal organizations in each of the identified communities to understand disaster prep needs
	• Complete surveys of community members / non formal organizations
	• Complete 1-2 focus groups in each of the identified communities
	• Complete 5-10 one-on-one meetings with community members
	• Attend 3-5 existing events within each of the identified communities, including formal and informal gatherings, houses of worship, etc.
12 months	Complete a facilitated workshop in each identified community to brainstorm ways to connect and disseminate information to the community

	Phase 3: Identification and finalization of tools and services available to build climate resilience
8 months	Finalize Climate Resilience Handbook information to aid in interpreting science that is helpful to community preparedness and decision making
8 months	Coordinate with New York City agencies to understand the landscape of public services available to build awareness and support during climate hazards, such as Rainfall Ready, Home Energy Assistance Program, cash assistance after extreme flooding, etc.
8 months	Utilize Waterfront Alliance research on resources that are available from FEMA and the state that build resiliency that include: disaster preparedness, safety during an extreme weather event and finding support for after the event.
8 months	Coordinate with insurance associations in the identified communities to develop the full set of flood protection options available.

	Phase 4: Building awareness of services and tools available to identified communities

8 to 12 months	Coordinate with the CBOs and MOCEJ's Climate Strong Communities to identify and leverage a set of community leaders who are engaged in existing community efforts
12 to 24 months and ongoing	Identify platforms such as facilitated workshops, social media campaigns, townhalls, community tabling events, one-on-one campaigning, existing events (formal and informal gatherings, houses of worship, etc.) etc.
18 months	For each identified community, coordinate with CBOs and identified community leaders to create a visioning plan on mapping short term needs to resources and services available in each community to become climate ready and to understand the long term infrastructure needs
12 months	Develop an implementation strategy for the vision plan that is contextual to each community
12-24 months	Implement each strategy (this continues past project completion)
Ongoing	Complete a series of evaluation meetings with all partners to reflect on the project and evaluate overall success and lessons learned

	Phase 5: Building long term climate resilience
8 to 24 months	Through quarterly townhalls, meet with the community leaders on large-scale solutions / projects for climate resilience and adaptation: provide an update on what is being planned and what needs to be planned
8 to 24 months	Utilize existing events (formal and informal gatherings, houses of worship, etc.) to bring awareness of the large-scale infrastructure needs/projects to the community and receive comments, concerns and questions.
8 to 24 months	Incorporate community concerns and questions into education materials to improve familiarity and knowledge of topics of long-term climate resilience
24 months - ongoing	Complete a series of evaluation meetings with all partners to reflect on the project and evaluate overall success and lessons learned

c. Itemized Budget Sheet / Budget Narrative
In Attachments

3.0 ENVIRONMENTAL RESULTS: OUTPUTS, OUTCOMES, AND PERFORMANCE MEASURES
a. Environmental Results (Logic Model)
In Attachments

b. Performance Measurement Plan
The progress, expected outputs, outcomes, and associated timeframes program will be measured and reported using Waterfront Alliance's performance metrics standard. Evaluation of the described work consists of developing and monitoring annual program plans, outlining qualitative and quantitative goals, and tracking specific metrics in alignment with project outcomes and activities. The campaign plans form the backbone of our program evaluation and a launching point for the next year's work plans and goals. Each plan consists of explicit goals, often including specific quantitative metrics, intended outcomes, timeline, program partners, specific tactical strategies, and more. Throughout the year the program team both meet to

develop goals, objectives, and plans to further the organization's mission and to refer to these campaign plans to gauge progress and success. Specific measures of success include:

1. Short term measures: people signing up for Notify NYC; number of downloads of the extreme weather factsheet and toolkit; people opening the newsletter; people reached in a workshop/session/tabling event/informal gathering; views/engagement in social media; and properties getting insurance.
2. Long term measures: properties damaged in a storm / lives impact from a storm; number of heat deaths; communities that have done visioning about long term solutions; and communities that have final plans for climate resilient infrastructure.
3. Community involvement measures: community members/community-based organizations engaged in pushing for a plan; community-based plans funded; organized workshops around a particular issue (city or community-based); and community members engaged.

c. Sustainability Plan and Community Vision

New York City is slowly building out its climate resilience plans, and this project is designed to help communities and our partners leverage all possible forward momentum for communities most in need. This project will fill gaps between existing disaster preparation resources and their uptake by local communities and it will fill gaps between the time when infrastructure is planned and built. This program works directly with New York City's Mayor's Office of Climate and Environmental Justice and in parallel with New York City's Climate Strong Communities, which will bring the most basic and greatly needed climate resilience and preparedness tools, information, and resources to frontline communities for the next two decades or more.

Waterfront Alliance is dedicated to the work described in this proposal in perpetuity. It is central to our mission to work together with multiple partners to protect under-resources, EJ communities from the impacts of climate change. Our partners and their communities have a strong vested interest in sustaining and building this program because so little has been done to actively work with EJ communities in preparing for the impacts of climate change. Each of our partners is committed to this work locally and through the Rise to Resilience Coalition.

Our approach for Climate Informed Communities is highly replicable across a diverse range of geographies. Given Waterfront Alliance's role as an alliance and convener, we aim to expand this program beyond the neighborhoods and partnerships developed in this application. Our extensive partnerships with community-based organizations, academic partners, and government agencies positions Waterfront Alliance to build on the success of the Climate Informed Communities workplan and bring it to additional neighborhoods and geographies in New York City and beyond. All achievements and tasks we have accomplished and demonstrated in this proposal have been replicated in the state of New Jersey. We plan to continue to expand this work throughout the northeast as our capacity increases over time.

4.0 PROGRAMMATIC CAPABILITY

a. Organizational Experience

This project builds on Waterfront Alliance's 16-year history of impactful coalition-building, stakeholder relations, and conducting robust workshops to engage diverse voices for New York City. This includes our work to bring five borough ferry service to the City, establishing and opening Brooklyn Bridge Beach for public access, and educating thousands of New York City

youth through Estuary Explorers. We will bring the same collaborative, partnership-based, EJ-centered, energetic, thoughtful, and equity-committed approach to the work outlined in this proposal. Through our Rise to Resilience Coalition and our strategies ranging from community outreach and education, grassroots organizing, to digital media, we continue to drive systemic change and promote equity for the region's most climate-vulnerable communities. The Waterfront Alliance's effective track record speaks to our ability to deliver on our goals.

In addition to our ability to lead and successfully implement programs, Waterfront Alliance has a robust administrative capacity and a growing team to ensure our work is carried out effectively. We have a strong track record in grant management and maintain financial stability, as demonstrated by our good standing with the IRS for tax filings. Further, we recently expanded our team to include a Director of Programs and Climate Initiatives and a Community Organizer. These two individuals will play vital roles in the project.

Lastly, and in addition to the Waterfront Alliance's organizational capacity and experience, the partners in this collaboration bring a wealth of experience that is directly relevant to the work proposed here. Each partner has worked closely with communities for years, hosting workshops, meetings, and forums to discuss climate and weather-related issues. By collaborating, and relying on our collective history of work, we can ensure that our partnership is a recognizable name within the communities we serve. When we host a meeting or provide training, community members will recognize us as a trusted source of information. This diverse partnership ensures that our collaborators are not seen as outsiders swooping in to save the day. Instead, we are deeply connected to the issues we are solving, the rights-holders involved, and the areas where we will work.

b. Staff Experience / Qualifications of Project Manager (PM)

The Project Manager will be Furhana Husani, Waterfront Alliance director of programs and climate initiatives. Furhana brings more than 15 years of program development, launch, and management experience and more than 10 years of academic and professional experience in the areas of renewable energy, climate change, and non-profit management focused on convening, mobilization, and community engagement. Furhana has extensive experience in managing high performing teams of up to one hundred individuals, comprised of both employees and community-based volunteers across both flat and matrix organization structures. Furhana will start the project with a deep sense of familiarity to our partner groups and the community leaders we will work with in target neighborhoods.

Other key Waterfront Alliance personnel on this project include president and CEO, Cortney Koenig Worrall; senior manager for climate policy, Tyler Taba; and community organizer, Ben Regas. Cortney has more than 20 years of expertise in climate resilience policy, campaign planning, community outreach, and public participation processes. Tyler is trained in climate science and brings more than four years of experience working in the climate and resilience space in communities throughout the five boroughs of New York City. Lastly, Ben will play a critical role in the direct community work bringing his years of experience working directly with tenants and community members in New York City. Resumes for these staff members are uploaded.

c. Expenditure of Awarded Grant Funds

The Waterfront Alliance program, development, and operation teams work in tandem to manage grant awards. As an experienced grantee, Waterfront Alliance has a system of procedures and controls in place to ensure awarded grant funds are managed and spent properly and as agreed upon with the grantor. For example, the Waterfront Alliance's accounting system can track revenue and expenditures separately by program and revenue source, account, receipts, and disbursements. It is also standard procedure to retain records of all payments, and file them in a system that allows for quick reference if necessary. Further, grant budgets are living documents and are updated throughout the project to allow for quick financial snapshots and timely and efficient expenditure of all funds. Lastly the Waterfront Alliance goes through annual audits to ensure fiscal health and responsibility for the organization.

5.0 PAST PERFORMANCE

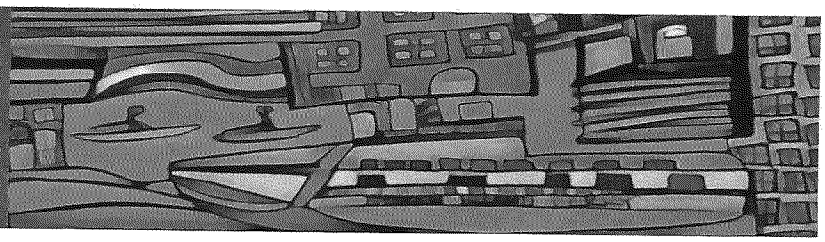
The Waterfront Alliance has a substantial track record of successfully managing and completing large and complex six figure grants. Waterfront Alliance has a capable administrative team who manages multiple government contracts and private sector grants. The grant operations team has recently gone through the process of a federal grant contracting with the National Oceanic and Atmospheric Administration (NOAA) and is prepared to take on the next federal grant. The organizational capacity has led to Waterfront Alliance's successful management of all grants, including submitting progress and final reports on time, fulfilling proposed project activities, and achieving expected outcomes. The Waterfront Alliance has never had to default on grant commitments. The Waterfront Alliance has not received a grant from the EPA in the last three years but a list of completed federal and non-federal funded assistance agreements is included below. Please note this is not a comprehensive list of Waterfront Alliance grants; rather it represents grants that we anticipate are similar to the EPA grant both in scale and project scope.

1. National Oceanic and Atmospheric Administration (awarded $531,000 on March 2022)
    a. Project Title: Flushing Meadows Corona Park: A Hub for Climate Resilience
    b. Status: Contracting completed, project underway
2. NorthLight Foundation (awarded $130,000 on July 2022)
    a. Project Title: Resilient, Revitalized, and Accessible Coastlines
    b. Status: Closed out successfully
3. New York City Council FY22 Discretionary Grants (awarded $204,500 on August 2021)
    a. Project Title: Estuary Explorers: STEM Education for Underserved Communities
    b. Status: Closed out successfully
4. Bernard F. & Alva B. Gimbel Foundation (awarded $250,000 on June 2022)
    a. Project Title: Coastal Resilience Community Organizing
    b. Status: In final year of multi-year grant; have met all reporting and project requirements to date
5. New York State Department of Environmental Conservation 2022 Grant (awarded $65,241 on October 2022)
    a. Project Title: Opening Underutilized New York City Owned Sites along the Hudson River Estuary for Waterfront Recreation and Access
    b. Status: Contracting completed, project underway

6.0 QUALITY ASSURANCE PROJECT PLAN Assurance Project Plan (QAPP)

Not applicable

STATEN ISLAND URBAN CENTER



April 12, 2023

U.S. Environmental Protection Agency
Office Of Environmental Justice and External Civil Rights
Jacob Burney
Burney.Jacob@epa.gov
RE: Waterfront Alliance Application for EPA EJCPS Grant Application (EPA-R-OEJECR-OCS-23-01)

Board of Directors

Deborah Quinones, Chair
Roxanne Mustafa
Leslie Colon
Sarah Vilar
Olga Ayala
Armando Sandy Caries

Kelly Vilar, CEO

Rev. Dr. Alfonso Wyatt,
Hon. Advisory Chair

Dear Mr. Burney,

I am writing on behalf of Staten Island Urban Center to express our formal commitment to partnering with the Waterfront Alliance on the EPA EJCPS Grant Application for the project titled, Climate Informed Communities: Collaborative Climate Resilience Solutions for New York City. Please consider this letter as our official endorsement of the project and its objectives, as well as a commitment for Staten Island Urban Center to complete the project activities and responsibilities outlined below.

The goal of this project is to ensure local communities and neighborhoods grow to (1) better learn and understand the risks they will face from climate impacts before major infrastructure and retrofitting for green infrastructure come online, and (2) are able to influence and advocate for local climate resilient projects for their communities.

As a partner in this project, Staten Island Urban Center is committed to carrying out the following activities:

- Work in partnership with Waterfront Alliance to disseminate information about climate readiness;
- Waterfront Alliance and partner to provide materials, presenting at meetings, holding one-on-one discussions in coordination with our partners about climate readiness;
- Identification of community members and grassroots organizations within communities that along with the Waterfront Alliance prioritizes as communities of color in the highest need of climate justice

208 Bay Street 2nd Floor, Staten Island, NY 10301 • info@siurbancenter.org • Ex. 6 - Personal Privacy (PP)
Mailing address: P.O. Box 10018, Staten Island NY 10301
Website: www.siurbancenter.org

ED_016126_00001201-00001

The Waterfront Alliance will provide a sub-award to Staten Island Urban Center for this work in the amount of $15,000. The Waterfront Alliance has agreed to pay out the sub-award to Staten Island Urban Center upon receipt of the grant award. We are proud to contribute to this important project and believe that it aligns well with the Staten Island Urban Center's mission to advocate for healthy and equitably accessible waterways along Staten Island.

Thank you for considering our commitment to this project. Please let us know if you require any further information or support.
Sincerely,



Kelly Vilar, CEO

About Staten Island Urban Center:
Staten Island Urban Center is a community development through community involvement organization whose mission is to lift the voices of Staten Island's most marginalized communities on issues concerning social and environmental justice. Their community centered work is grounded in helping communities pursue cultural equity, practice self-determination by making space for marginalized communities to speak for themselves, and to achieve independence, working toward thrivability.

ED_016126_00001201-00002

IRS Department of the Treasury
Internal Revenue Service
P.O. Box 2508, Room 4010
Cincinnati OH 45201

In reply refer to: 4077589886
Sep. 29, 2015 LTR 4168C 0
13-4355067 000000 00
00021323
BODC: TE

WATERFRONT ALLIANCE INC
% MARINA MORRONE
217 WATER ST
NEW YORK NY 10038-2105

001843

Employer Identification Number: 13-4355067
Person to Contact: Mr. Schatz
Toll Free Telephone Number: Ex. 6 - Personal Privacy (PP)

Dear Taxpayer:

This is in response to your Sep. 09, 2015, request for information regarding your tax-exempt status.

Our records indicate that you were recognized as exempt under section 501(c)(3) of the Internal Revenue Code in a determination letter issued in November 2007.

Our records also indicate that you are not a private foundation within the meaning of section 509(a) of the Code because you are described in section(s) 509(a)(1) and 170(b)(1)(A)(vi).

Donors may deduct contributions to you as provided in section 170 of the Code. Bequests, legacies, devises, transfers, or gifts to you or for your use are deductible for Federal estate and gift tax purposes if they meet the applicable provisions of sections 2055, 2106, and 2522 of the Code.

Please refer to our website www.irs.gov/eo for information regarding filing requirements. Specifically, section 6033(j) of the Code provides that failure to file an annual information return for three consecutive years results in revocation of tax-exempt status as of the filing due date of the third return for organizations required to file. We will publish a list of organizations whose tax-exempt status was revoked under section 6033(j) of the Code on our website beginning in early 2011.

4077589886
Sep. 29, 2015 LTR 4168C 0
13-4355067 000000 00
00021324

WATERFRONT ALLIANCE INC
% MARINA MORRONE
217 WATER ST
NEW YORK NY 10038-2105

If you have any questions, please call us at the telephone number shown in the heading of this letter.

Sincerely yours,

Jeffrey I. Cooper
Director, EO Rulings & Agreement

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: West Harlem Environmental Action, Inc.

Address: 1854 Amsterdam Ave. 2nd Floor

City: New York

State: NY: New York Zip Code: 10031

B. Unique Entity Identifier (UEI): PB8TKKTU3AG3

C. Applicant/Recipient Point of Contact

Name: Peggy Shepard

Phone: Ex. 6 - Personal Privacy (PP)

Email: peggy_shepard@weact.org

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☒ Yes ☐ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95) ☒ Yes ☐ No

a. Do the methods of notice accommodate those with impaired vision or hearing? ☒ Yes ☐ No

b. Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications? ☒ Yes ☐ No

c. Does the notice identify a designated civil rights coordinator? ☒ Yes ☐ No

VIII. Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a)) ☒ Yes ☐ No

IX. Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974)) ☒ Yes ☐ No

X. If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.

David Stewart Hudson, Human Resources Director, 1854 Amsterdam Ave. 2nd Floor New York, NY 10031, david.hudson@weact.org, Ex. 6 - Personal Privacy (PP)

XI. If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/recipient's website address for, or a copy of, the procedures.

Grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7, ADP TotalSource: Basic Employment Policies, pp. 5-6

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Peggy Shepard	Executive Director	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Peggy | Middle Name:
Last Name: Shepard | Suffix:
Title: Executive Director

Complete Address:

Street1: 1854 Amsterdam Ave. 2nd Floor
Street2:
City: New York | State: NY: New York
Zip / Postal Code: 10031 | Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: peggy_shepard@weact.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Evelyn | Middle Name:
Last Name: Joseph | Suffix:
Title: Senior Director of Operations & Finance

Complete Address:

Street1: 1854 Amsterdam Ave. 2nd Floor
Street2:
City: New York | State: NY: New York
Zip / Postal Code: 10031 | Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: evelyn@weact.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Evelyn | Middle Name:
Last Name: Joseph | Suffix:
Title: Senior Director of Operations & Finance

Complete Address:

Street1: 1854 Amsterdam Ave. 2nd Floor
Street2:
City: New York | State: NY: New York
Zip / Postal Code: 10031 | Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: evelyn@weact.org

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: | First Name: Peggy | Middle Name:

Last Name: Shepard | Suffix:

Title: Executive Director

Complete Address:

Street1: 1854 Amsterdam Ave. 2nd Floor

Street2:

City: New York | State: NY: New York

Zip / Postal Code: 10031 | Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**

E-mail Address: peggy_shepard@weact.org

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier: PB8TKKTU3AG3

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: West Harlem Environmental Action, Inc.

* b. Employer/Taxpayer Identification Number (EIN/TIN): 13-3800068

* c. UEI: PB8TKKTU3AG3

d. Address:

* Street1: 1854 Amsterdam Ave. 2nd Floor
Street2:
* City: New York
County/Parish:
* State: NY: New York
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 10031-9157

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Peggy
Middle Name:
* Last Name: Shepard
Suffix:

Title: Executive Director

Organizational Affiliation: West Harlem Environmental Action, Inc.

* Telephone Number: Ex. 6 - Personal Privacy (PP)
Fax Number:

* Email: peggy_shepard@weact.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

WE ACT for Environmental Justice proposes the following project: Assessing Indoor Air Quality Impacts of Building Electrification for Multifamily Housing in an Environmental Justice Community

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: NY13 * b. Program/Project: NY15

Attach an additional list of Program/Project Congressional Districts if needed.

1234-Program_Project Congressional Distric | Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 01/11/2023 * b. End Date: 10/31/2026

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	500,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name: Peggy

Middle Name:

* Last Name: Shepard

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 - Personal Privacy (PP) Fax Number:

* Email: peggy_shepard@weact.org

* Signature of Authorized Representative: Peggy Shepard * Date Signed: 04/14/2023

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

WE ACT EJ Collaborative Problem Solving RFP

Application
New
2023-04-14
PB8TKKTU3AG3
West Harlem Environmental Action, Inc.
13-3800068
PB8TKKTU3AG3
1854 Amsterdam Ave. 2nd Floor
New York
NY: New York
10031-9157
USA: UNITED STATES

Peggy
Shepard

Executive Director
West Harlem Environmental Action, Inc.
Redacted
peggy_shepard@weact.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
WE ACT for Environmental Justice proposes the following project: Assessing Indoor Air Quality Impacts of Building Electrification for Multifamily Housing in an Environmental Justice Community
NY13
NY15

1234-Program_Project Congressional Districts.pdf
application/pdf

ppAkNYgAZkpH8oYAEPU5S/ixeS8=

2023-01-11
2026-10-31
500000.00
0.00
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c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Peggy
Shepard

Executive Director
Redacted
peggy_shepard@weact.org
Peggy Shepard
2023-04-14

1235-501c3 Letter - Proof of WE ACT Non-Profit Status.pdf
application/pdf
A5+pcZSmHMcXUOPhRrgiQODsJAk=

1236-Logic Model - Environmental Results.pdf
application/pdf
av4MK5SduyU9FvWfqWrZNhlNeE8=

1237-EJCPS Resumes Combined.pdf
application/pdf
uVVLu1sQlP22htmhZfvBc0hjfYg=

1238-EPA EJCPS LOS Combined FINAL.pdf
application/pdf
KpmOm81Rbp+Wfcb/HvP3o9mtFms=

1239-EJCPS Itemized Budget Template.pdf
application/pdf
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West Harlem Environmental Action, Inc.
1854 Amsterdam Ave. 2nd Floor
New York
NY: New York
10031

PB8TKKTU3AG3
Peggy Shepard
Redacted
peggy_shepard@weact.org
Executive Director
Y: Yes
N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
David Stewart Hudson, Human Resources Director, 1854 Amsterdam Ave. 2nd Floor New York, NY 10031, david.hudson@weact.org, EX. 6 - Personal Privacy (PP)
Grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7, ADP TotalSource: Basic Employment Policies, pp. 5-6
Peggy Shepard
Executive Director
2023-04-14

Peggy
Shepard

Executive Director
1854 Amsterdam Ave. 2nd Floor
New York
NY: New York
10031
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
peggy_shepard@weact.org

Evelyn
Joseph

Senior Director of Operations & Finance
1854 Amsterdam Ave. 2nd Floor
New York
NY: New York
10031
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
evelyn@weact.org

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Joseph

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evelyn@weact.org

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Shepard

Executive Director
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NY: New York
10031
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
peggy_shepard@weact.org

1240-EPA EJCPS Workplan.pdf
application/pdf
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65217.42
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2023-04-14T07:59:39.000-04:00
Peggy Shepard
GRANT13860959

BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors.
Follow this format for each person. **DO NOT EXCEED FIVE PAGES.**

NAME: Ex. 6 Personal Privacy (PP)

Era COMMONS USER NAME (credential, e.g., agency login): Ex. 6 Personal Privacy (PP)

POSITION TITLE: Executive Director, West Harlem Environmental Action, Inc. (WE ACT)

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)*

INSTITUTION AND LOCATION	DEGREE *(if applicable)*	Completion Date MM/YYYY	FIELD OF STUDY
Howard University, Washington, DC	B.A.	6/67	English
Baruch College, New York, NY	Graduate work	6/85	Marketing

A. Personal Statement

I am co-founder and executive director of West Harlem Environmental Action known as WE ACT for Environmental Justice. Founded in 1988, WE ACT is a Northern Manhattan community-based organization whose mission is to build healthy communities by ensuring that people of color and/or low income participate meaningfully in the creation of sound and fair environmental health and protection policies and practices. For the past 21 years, I have served as co-director of the COEC in the NIEHS Center for Environmental Health in Northern Manhattan at Columbia University. I also serve as a Co-PI of the Columbia Center for Children's Environmental Health for the past 20 years.
I have served as PI on several NIEHS grants: Environmental Justice through Communications and Ethics of Research. I am co-PI of a recently completed grant, Assessing and Strengthening Post-Storm Resilience in NYC High-Rise Public Housing where I worked with our COEC to conduct focus groups to assess the impact of Hurricane Sandy on the health and resilience of public housing residents. I have carried out numerous community-based participatory research projects to assess air quality and its impacts on community children, I have served as a member of the National Advisory Environmental Health Sciences Council of NIH, and as a member of the National Research Council of the National Academies Committee on America's Climate Choices. I have received the Dean's Distinguished Service Award from the Mailman School of Public Health, and an Honorary Doctor of Science from Smith College.

B. POSITIONS AND HONORS

Positions and Employment

1969 – 1971 Reporter & Home Furnishings Editor, Indianapolis News
1971 – 1973 Text & Photo Researcher, Time-Life Books, Inc.
1974 – 1976 Copy Editor, The San Juan Star, Scripps Howard Co.
1976 – 1977 Associate Editor, Redbook Magazine, Charter Publ. Co.
1978 – 1980 Consumer Affairs Specialist, New York State Division of Housing & Community Renewal
1980 – 1983 Consumer Affairs Director, New York State Division of Housing & Community Renewal
1983 – 1985 Special Ass't to the Commissioner, New York State Division of Housing & Community Renewal
1985 – 1988 Director of Public Information for Rent Administration, New York State Division of Housing & Community Renewal
1988 – 1993 Special Ass't for Government & Community Affairs, New York State Division of Housing & Community Renewal

1988 – 1993 Women's Coordinator, NYC Office of the Comptroller
1988 – Present Executive Director & Co-founder, West Harlem Environmental Action, Inc. (WE ACT)

Other Experience and Professional Memberships

1998 - present Co-Director, COEC, Columbia NIEHS Center for Environmental Health in No. Manhattan 1999 -Present Co-Director, Columbia Center for Children's Environmental Health, COTAC
2010 - Present Co-Chair, Mt. Sinai CTSA Partnership Board
2014-Present Chair, Mt. Sinai Transdisciplinary Center on Early Environmental Exposures, COEC, SAB
2001-2003 Chair, U.S. EPA National Environmental Justice Advisory Council (NEJAC)
2002 - 2005 Member, National Advisory Environmental Health Sciences Council of NIH
2002 - Present Member, NYS Dept. of Environmental Conservation, EJ Advisory Committee
2005 - Present Member, National Institute of Environmental Health Sciences Public Interest Partners
2006 - Present Member, NYC Mayor's Sustainability Advisory Board
2008 - 2010 Member, National Academy of Science, Committee on America's Climate Choices
2009 -2011 Member, National Conversation on Chemicals and Public Health; Chair, Serving Communities workgroup
2010 - Present Member, NYC Waterfront Advisory Board
2012-Present Co-Chair, Research & Science Workgroup, NEJAC, US EPA
1990 - Present Board of Directors, NY Earth Day
1991 - Present Board of Directors, NY League of Conservation Voters and LCV Education Fund
2006 - Present Board of Trustees, Environmental Defense Fund
2010-Present Board of Directors, Metropolitan Waterfront Alliance
2012-Present Chair, Corbin Hill Road Farm project
2016-Present Board of Directors, Womenstrong International
2020-Present Board of Advisors, Mailman School of Public Health

C. Contributions to Understanding the Impact of Climate and Air Quality on Health, and Contributions to Understanding Environmental Justice, Community-Based Participatory Research, and An Improved Environment.

1. National Research Council of the National Academies (2010-2011) *America's Climate Choices. Committee on America's Climate Choices.*
2. **Redacted** *Completing the Circle: Toward a Model for Effective Community Review of Environmental Health Research.* American Journal of Public Health; MS ID#: AJPH/2008/149369
3. **Redacted** *Promoting Environmental Health Policy Through Community Based Participatory Research: A Case Study from Harlem, NY.* Journal of Urban Health: Bulletin of the New York Academy of Medicine 2006, Vol.83, No.1 doi:10.1007/s11524-005-9010-9
4. National Research Council and Institute of Medicine (2005). *Ethical Considerations for Research on Housing-Related Health Hazards Involving Children*. Committee on Ethical Issues In Housing-Related Health Hazard Research Involving Children Youth and Families, Bernard Lo and Mary Ellen O'Connell, Editors.
5. **Redacted** Burden of Proof: Using Research for EJ. *Race, Poverty & Environment*, Vol XI, No.2. (2004).
6. **Redacted** Community, Research, and Environmental Justice. *Environ Health Perspect* 110 (suppl 2) April 2002.
7. **Redacted** *Preface: Advancing Environmental Justice through Community-Based Participatory Research*, Environmental Health Perspectives 2002; Vol.110, Supp.2:139-140.
8. Redacted *Community Revitalization and Public Health: Issues, Roles and Relationships For Local Public Health Agencies. June* 2002. The National Association of County and City Health Officials, Chapter V, Environmental Justice and Brownfields

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME	POSITION TITLE
Ex. 6 Personal Privacy (PP)	Research Associate Professor
eRA COMMONS USER NAME Ex. 6 Personal Privacy (PP)	

EDUCATION/TRAINING (*Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)*

INSTITUTION AND LOCATION	DEGREE *(if applicable)*	YEAR(s)	FIELD OF STUDY
Technical University of Berlin, Germany	BS	1978	Physics
Technical University of Berlin, Germany	Dipl. Ing.	1981	Landscape Planning
German University of Administrative Sciences	Certificate	1983	Public Administration
University of Pennsylvania	MRP	1986	Regional Planning
University of Pennsylvania	MS	1987	Energy Management & Policy
University of Pennsylvania	PhD	1999	City and Regional Planning

A. Positions and Honors

1979-81 *Research Assistant (part-time), Environmental Protection Agency (Umweltbundesamt), Berlin, Germany.*
1985 *Intern, Ministry of Agriculture / Univ. of the West Indies in Kingston, Jamaica.*
1985-87 *Non-Civil Service Engineering, Scientific and Technical Intern, Commonwealth of Pennsylvania, Department of Environmental Resources, Bureau of Waste Management, Harrisburg, PA.*
1987-88 *Environmental Engineer, Environmental Resources Management, Inc., Exton, PA.*
1988-pres. *Research Associate Professor, Center for the Biology of Natural Systems, Queens College, City University of New York.*

B. Selected publications (partial list)

Ex. 6 Personal Privacy (PP) 1995: *Quantitative Estimation of the Entry of Dioxins, Furans and Hexachlorobenzene into the Great Lakes from Airborne and Waterborne Sources*. CBNS, Queens College, CUNY, Flushing, NY, May.

Ex. 6 Personal Privacy (PP) 1996: *Zeroing Out Dioxin in the Great Lakes: Within Our Reach*. CBNS, Queens College, CUNY, Flushing, NY, June.

Ex. 6 Personal Privacy (PP) 1996: *Dioxin Fallout in the Great Lakes: Where It Comes From; How to Prevent it; At What Cost*. CBNS, Queens College, CUNY, Flushing, NY, June. This project was supported by a grant from the Joyce Foundation.

Ex. 6 Personal Privacy (PP) *Exposure to Endocrine Disrupters from Long-range Air Transport of Pesticides*. CBNS, Queens College, CUNY, Flushing, NY, November. This project was supported by a grant from the W. Alton Jones Foundation.

Ex. 6 Personal Privacy (PP) 1997: *How to Save Trees by Recycling Paper*. CBNS, Queens College, CUNY, Flushing, NY, Dec. This project was supported by a grant from the Turner Foundation.

Ex. 6 Personal Privacy (PP) 1998: *Dioxin Sources, Air Transport and Contamination in Dairy Feed Crops and Milk*. CBNS, Queens College, CUNY, Flushing, NY, July. This project was supported by grants from The Joyce Foundation, the Jessie B. Cox Charitable Trust, and the John Merck Fund.

Ex. 6 Personal Privacy (PP) 1998. *The Routes and Biomarker Evidence of Exposure of Wildlife Populations to Atrazine, An Endocrine Disrupter*. CBNS, Queens College, CUNY, Flushing, New York, November 18. This project was supported by a grant from The W. Alton Jones Foundation.

Ex. 6 Personal Privacy (PP) 2000: Long-range Air Transport of Dioxin from North American Sources to Ecologically Vulnerable Receptors in Nunavut, Arctic Canada. Report to Commission for Environmental Cooperation, April 15.

Ex. 6 Personal Privacy (PP), 2000: The Exposure of the New York City Watershed to PCBs Emitted from the Hudson River. CBNS, Queens College, CUNY, Flushing, NY 11367, June. This project was supported by a grant from the New York Community Trust.

Ex. 6 Personal Privacy (PP) 2000: *The Cross-Boundary Environmental Impact of Airborne Toxic Pollutants Emitted in the Mexican-United States Border Region*. CBNS, Queens College, CUNY, Flushing, NY 11367. This project was supported by a grant from the Public Welfare Foundation.

Ex. 6 Personal Privacy (PP) 2000: *The Efficacy of the HYSPLIT/TRANSCO Air Transport Model As A Means of Ranking the North American Sources That Contribute to the Deposition of Dioxin in Polar Regions of North America*. Final Report to Commission for Environmental Cooperation, Feb. 29.

Ex. 6 Personal Privacy (PP) 2001. *Response to "An Evaluation of Expected Emissions of Dioxin from the Ames Municipal Power Plant. A Report Prepared for the City of Ames, Iowa. By Robert C. Brown, Iowa State University."* CBNS, Queens College, CUNY, Flushing, New York, June 29.

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) 2002: Modeling the Atmospheric Transport and Deposition of PCDD/D to the Great Lakes. *Environmental Science and Technology*, Vol. 36, No. 22, 4831-4845.

Ex. 6 Personal Privacy (PP) 2003: The Deposition of Airborne Dioxin by North American Sources on Ecologically Vulnerable Receptors in Nunavut. In *Northern Lights Against POPs – Combatting Toxic Threats in the Arctic*, ed. D.L. Downie and T. Fenge (McGill-Queen's University Press).

Ex. 6 Personal Privacy (PP) 2009. Air pollution and activity during transportation by car, subway, and walking. Am J Prev Med 37:72-77.

Ex. 6 Personal Privacy (PP)

2016. Intraurban variation of fine particle elemental concentrations in New York City. Environmental Science & Technology. doi: 10.1021/acs.est.6b00599.

Ex. 6 Personal Privacy (PP) 2021. Long-term trends in local and transported PM2.5 pollution in New York City. Atmospheric Environment. doi: 10.1016/j.atmosenv.2021.118238.

Ex. 6 Personal Privacy (PP) 2021. Air Quality Citizen Science Research Project in NYC: Toolkit & Case Studies. Eliva Press (Paperback).

Ex. 6 Personal Privacy (PP) 2022. Effects of the COVID-19 shutdown on spatial and temporal patterns of air pollution in New York City. Environmental Advances. doi: 10.1016/j.envadv.2022.100171.

Ex. 6 Personal Privacy (PP) 2022. Air pollution exposure assessment at schools and playgrounds in Williamsburg Brooklyn NYC, with a view to developing a set of policy solutions. https://iris.unife.it/handle/11392/2499496.

The New York City Community Air Survey (this page includes the most recent digital report that was released on Earth Day 2022): https://nyccas.cityofnewyork.us/nyccas2022/report/3

NYCCAS Real-time Air Quality Portal: https://a816-dohbesp.nyc.gov/IndicatorPublic/beta/key-topics/airquality/realtime/.

Ongoing Research Support

NYC Dept. of Health and Mental Hygiene Ex. 6 Personal Privacy (PP) (Principal Investigator) 5/1/2007-ongoing
Environmental Health Surveillance and Policy Program to develop and implement a research plan to characterize neighborhood and street level air quality in NYC.
Role: Principal Investigator

City of Philadelphia—Dept. of Health-AMS Ex. 6 Personal Privacy (PP) (Consultant) 2/1/2018-ongoing
Consultant for AMS to assist in the design and implementation of the Philadelphia Air Quality Survey (PAQS).

Ex. 6 Personal Privacy (PP)

Affiliation: Associate professor of Environmental Health Sciences at Columbia University Medical Center, Mailman School of Public Health

Expertise: Health effects of household air pollution exposure and policy frameworks for clean household energy transitions.

Education:
06/2006 - PhD in Public Policy, Harvard Kennedy School
06/1997 - BA in Economics and Biology, Williams College

Research and Professional Experience:

2018+	Associate Professor at CUMC, Environmental Health Sciences, Columbia University School of Public Health, New York, NY
2009-2018	Assistant Professor, Environmental Health Sciences, Columbia University School of Public Health, New York, NY
2008-2009	Associate research scientist, Columbia University School of Public Health, New York, NY
2006-2008	Earth Institute Post-doctoral Fellow, Columbia University, New York NY
2003-2006	Pre-doctoral Research Fellow, Center for International Development at Harvard
2001-2006	Teaching Fellow, Faculty of Arts and Sciences, Harvard University
2001-2006	Pre-doctoral Fellow, Environmental Economics Program at Harvard University
1999-2001	Project Manager, CFix LLC, Bellingham, WA and Punta Arenas, Chile
1998-1999	Project Manager, The Mountain Institute, Huaraz, Peru
1997-1998	Fellow, Thomas J. Watson Foundation (Guatemala, Costa Rica, Chile, Bolivia)

Experience summary: Ex. 6 Personal Privacy (PP) is an Associate Professor of Environmental Health Sciences with 15 years of teaching and research experience on air pollution and health and on policy frameworks for clean household energy transitions. He developed and now co-leads a birth cohort in Ghana that is tracking respiratory and cardiovascular health outcomes linked to early lif e air pollution exposures in a group of ~700 children (currently age 9). He has also worked with the Government of Ghana on program evaluation and other policy related research linked to energy transitions and air pollution exposure. He has also worked on air pollution exposures and policy transitions in India and Ecuador, and is currently engaged in related research in Ethiopia, Kenya and Uganda. Ex. 6 Personal Privacy (PP) has been part of the NIH Clean Cooking Implementation Science Network since its founding in 2016.

Panel experience: Ex. 6 Personal Privacy (PP) was a member of the Steering Committee for the 2022 Clean Cooking Alliance State of the Evidence workshop (held in Accra, Ghana). He has participated in numerous NIEHS Study Sections and participated in an EPA STAR review panel in 2011.

Selected publications (since 2021)

1. Ex. 6 Personal Privacy (PP)
   Resilient clean cooking: Maintaining household clean cooking in Ecuador during the COVID-19 pandemic. Energy for Sustainable Development. 2023; In Press.
2. Ex. 6 Personal Privacy (PP)
   Extreme Heat and COVID-19 in New York City: An Evaluation of a Large Air Conditioner Distribution Program to Address Compounded Public Health Risks in Summer 2020. J Urban Health. 2023 Feb 9;1–13. PMCID: PMC9910776

3. Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) Widespread Clean Cooking Fuel Scale-Up and under-5 Lower Respiratory Infection Mortality: An Ecological Analysis in Ecuador, 1990–2019. Environmental Health Perspectives. Environmental Health Perspectives; 2023;131(3):037017.
4. Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) Association between malaria and household air pollution interventions in a predominantly rural area of Ghana. Malar J. 2023 Mar 23;22(1):106.
5. Ex. 6 Personal Privacy (PP) The feasibility and acceptability of clean fuel use among rural households. A pilot study in Central Ghana. Journal of Public Health in Africa [Internet]. 2022 Sep 12;13(3).
6. Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) Cancer Burden Disease Attributable to PM2.5 and Health Risk by PM2.5-bound Toxic Species in Two Urban Chilean Municipalities. Aerosol Air Qual Res. Taiwan Association for Aerosol Research; 2022 Nov 11;22:220247.
7. Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) Characterizing sleep-wake patterns in mothers and children in an agrarian community: results from the Ghana Randomized Air Pollution and Health Study. Sleep. 2022 Aug 11;45(8):zsac033. PMCID: PMC9366631
8. Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) Poor early childhood growth is associated with impaired lung function: Evidence from a Ghanaian pregnancy cohort. Pediatric Pulmonology. 2022;57(9):2136–2146. PMID: 35614550
9. Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) A systematic review of household energy transition in low and middle income countries. Energy Research & Social Science. Elsevier; 2022;86:102463.
10. Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) Using time-resolved monitor wearing data to study the effect of clean cooking interventions on personal air pollution exposures. J Expo Sci Environ Epidemiol. Nature Publishing Group; 2022 Oct 23;1–10.
11. Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) Prediction of personal exposure to PM2.5 in mother-child pairs in rural Ghana. J Expo Sci Environ Epidemiol. Nature Publishing Group; 2022 Mar 17;1–8.
12. Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) Long-term air pollution exposure and COVID-19 mortality: a patient-level analysis from New York City. Am J Respir Crit Care Med. American Thoracic Society; 2022;205(6):651–662.
13. Ex. 6 Personal Privacy (PP) Methods for Evaluating Environmental Health Impacts at Different Stages of the Policy Process in Cities. Curr Environ Health Rep. Springer; 2022;1–13.
14. Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) Prenatal household air pollutant exposure is associated with reduced size and gestational age at birth among a cohort of Ghanaian infants. Environ Int. 2021 Jun 13;155:106659. PMID: 34134048
15. Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) Time Use Implication of Clean Cookstoves in Rural Settings in Ghana. International Journal of Environmental Research and Public Health. 2021 Jan;18(1):166. PMID: 33383624

BIOGRAPHICAL SKETCH

NAME: Ex. 6 Personal Privacy (PP)
POSITION TITLE: Director of Environmental Health, WE ACT for Environmental Justice

EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE	END DATE	FIELD OF STUDY
University of Alaska Southeast, Juneau, Alaska	BS	05/2009	Biology
University of Alaska Southeast, Juneau, Alaska	BS	05/2009	Mathematics
University of Michigan, Ann Arbor, Michigan	Ph.D.	08/2015	Ecology and Evolutionary Biology
Princeton University, Princeton, New Jersey	Postdoc	07/2016	NSF Postdoctoral Fellow
Princeton University, Princeton, New Jersey	Fellow	07/2017	Associate Research Scholar

A. Personal Statement. I am a public health ecologist. My research aims to understand how ecology, social determinants of health, environmental racism, Climate Change, and demography intersect to shape health and disease. Over the past 12 years I have deconstruct epidemics and seasonal phenomena in humans including: disease seasonality, seasonal fertility, and seasonal rhythms in human physiology. My traditional training in biology, coupled with my research in applied mathematics, statistical inference, and clinical research has allowed me to develop my unique expertise: leveraging epidemiological and clinical data to unmask population-level processes. My ongoing research falls into five themes: (1) social justice and human health, (2) maternal and infant health, (3) environmental impacts on biological rhythms, (4) the realized effects of vaccines, and (5) seasonal disease transmission. During the pandemic, I began working on how environmental racism and social inequities manifest COVID-19 health disparities, with particular emphasis on Black and Latinx communities in New York City. I have disseminated my findings widely to the public and scientific community via news interviews, peer-reviewed publications, and presentations. I have trained undergraduates, Master of Public Health students, and postdoctoral scholars. An important aspect of my work is training the future generation of public health ecologists and advocates. I aim to foster research interest in Climate, environmental, and reproductive health justice, especially among minority and first-generation college students, and progress policy action to protect health as a civil right.

B. Positions and Scientific Appointments (since 2010)

2023 - Director of Environmental Health, WE ACT for Environmental Justice, New York, NY
2021 - Assistant Professor, Emory University, Atlanta, GA
2021 - Adjunct Assistant Professor, Columbia University, Mailman School of Public Health, New York, NY
2018 - Visiting Researcher, University of Surrey, Faculty of Health and Medical Sciences, Guildford
2017 - 2021 Assistant Professor, Columbia University, Mailman School of Public Health, New York, NY
2016 - 2017 Associate Research Scholar, Department of Ecology and Evolutionary Biology, Princeton University, Princeton, NJ
2015 - 2016 Postdoctoral Research Fellow, Department of Ecology and Evolutionary Biology, Princeton, NJ
2010 - 2015 Graduate Research Fellow, Department of Ecology and Evolutionary Biology, University of Michigan, Ann Arbor, MI

C. Abbreviated Honors

2016 - 2022 NIH Director's Early Independence Award, NIH
2015 - 2017 Postdoctoral Fellowship in Biology, NSF
2010 - 2015 National Science Foundation Graduate Research Fellowship Program, NSF

D. Select Publications

1. Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) Socioeconomic Disparities in Subway Use and COVID-19 Outcomes in New York City. American Journal of Epidemiology. 2020 December 29; :-. Available from: https://academic.oup.com/aje/advance-article/doi/10.1093/aje/kwaa277/6054607 DOI: 10.1093/aje/kwaa277

Ex. 6 Personal Privacy (PP)
Centering sexual and reproductive health and justice in the global COVID-19 response. The Lancet. 2020 April; 395(10231):1175-1177. Available from: https://linkinghub.elsevier.com/retrieve/pii/S0140673620308011 DOI: 10.1016/S0140-6736(20)30801-1

2. Seasonal Disease Transmission.

Ex. 6 Personal Privacy (PP) Exploring the Seasonal Drivers of Varicella Zoster Virus Transmission and Reactivation. American Journal of Epidemiology. 2021 September; 190(9):1814-1820. Available from: https://academic.oup.com/aje/article/190/9/1814/6175319 DOI: 10.1093/aje/kwab073

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) Unraveling the Transmission Ecology of Polio. PLOS Biology. 2015; 13(6):e1002172-. Available from: https://dx.plos.org/10.1371/journal.pbio.1002172 DOI: 10.1371/journal.pbio.1002172

3. Biological Rhythms and Health.

Ex. 6 Personal Privacy (PP) Characterizing the modern light environment and its influence on circadian rhythms. Proceedings of the Royal Society B: Biological Sciences. 2021 July 21; 288(1955):20210721-. Available from: https://royalsocietypublishing.org/doi/10.1098/rspb.2021.0721 DOI: 10.1098/rspb.2021.0721

Ex. 6 Personal Privacy (PP)
Drivers of Infectious Disease Seasonality: Potential Implications for COVID-19. Journal of Biological Rhythms. 2021 January 24; 36(1):35-54. Available from: http://journals.sagepub.com/doi/10.1177/0748730420987322 DOI: 10.1177/0748730420987322

Ex. 6 Personal Privacy (PP) Circadian Rhythms in Environmental Health Sciences. Current Environmental Health Reports. 2020 July 13; 7(3):272-281. Available from: https://link.springer.com/10.1007/s40572-020-00285-2 DOI: 10.1007/s40572-020-00285-2

Ex. 6 Personal Privacy (PP) . The influence of biological rhythms on host–parasite interactions. Trends in Ecology & Evolution. 2015 June; 30(6):314-326. Available from: https://linkinghub.elsevier.com/retrieve/pii/S0169534715000713 DOI: 10.1016/j.tree.2015.03.012

Ex. 6 Personal Privacy (PP)

Redacted Bronx, NY 10473

Email: Ex. 6 - Personal Privacy (PP) , Cell Ex. 6 - Personal Privacy (PP)

Senior Director of Operations & Finance, WE ACT for Environmental Justice (2021-Present)

- Manage all financial and operational functions for a 33-person environmental justice non-profit organization. Responsible for over $14,000,000 in financial transactions including annual budgets, expenditures, invoices, accounts payables, receivables, and annual audit.
- Oversees WE ACT's Human Resources Director on all HR functions.
- Processes payroll using ADP Software and EZ Labor time management system.
- Oversees all subcontracts with academic institutions and external parties.
- Oversee the organization's supplies, building maintenance, and facilities.
- Responsible for coordination of organization's special events, including the United Nation's COP27.
- Responsible for travel coordination, including pre-payment, tracking expenditures, and reimbursement submissions.

Director of Administration & Human Resources, WE ACT for Environmental Justice (08/2008 – 2021)

- Manage all administrative and financial functions for 15-20-person non-profit organization. Responsible for $2 million in financial transactions including annual budgets, expenditures, invoices, accounts payables, receivables and annual audit
- Manage hiring of staff, maintaining records, and HR requests.
- Process payroll using ADP Software and EZ Labor time management system
- Oversee all subcontracts with academic institutions and external parties
- Responsible for travel coordination, including pre-payment, tracking expenditures, and reimbursement submissions.
- Responsible for coordination of organization's special events, including conferences, retreats, and board meetings
- Supervise IT personnel and upgrades of computer software and hardware
- Manage calendar and scheduling for the Executive Director and Deputy Director
- Oversee the organization's supplies, building maintenance, and facilities

Executive Assistant/Program Associate, Abyssinian Development Corporation (12/2006 – 08/2008)

- Responsible for assisting the Vice President of Social Services
- Scheduled meetings and appointments, general calendar appointments
- Maintained accounts payable and receivable for ongoing projects
- Recording minutes for department meetings and board committee meetings
- Developed tracking systems, generating data reports and PowerPoint presentations
- Assisted in curriculum development for family strengthening project

Administrative Assistant, Columbia University Mailman School of Public Health, Community Research Group (10/1998- 12/2006)

- Responsible for general office management, financial functions such as accounts payable and receivable for ongoing projects, financial reports
- Prepared grant proposals and IRB applications
- Oversaw hiring, clerical staff supervision

- Supervised production of media, including posters, films, books, and other educational products.

Coordinator/Facilitator, Columbia University, Mailman School of Public Health, CRG Family to Family Program (1998-2006)

- Organized and coordinated all aspects of family strengthening program
- Assisted program director in recruiting, maintaining and monitoring program participants
- Assisted in data collection activities and acted as liaison to community
- Facilitated parent support groups at Lincoln Recovery Center

Recruiter/Educator, Columbia University, Department of Environmental Health Sciences (07/2000 – 11/2001)

- Led reducing indoor allergens study by recruiting and screening subjects for eligibility for participation in an intervention study, conducting questionnaires in English and Spanish, and maintaining records of all data collected.

Consulting

Finance Manager, New York University School of Medicine, Redacted (08/2009 – 7/2011)

- Responsible for management of all financial matters related to a $1 million NIH and foundation funded grants portfolio as well as institutional funding
- Oversaw financial reporting, reconciliation and grants closeout with NIH
- Managed timesheet processing for community health workers

AIDS Alliance for Family and Children (10/2006 – 07/2008)

- Collected data via focus group and observations of Consumer Leadership Training Program for the purpose of evaluation

Columbia Children's Center for Environmental Health (10/2004-8/2005)

- Led focus groups in English and Spanish. Transcribed the focus group tapes for research purposes, translating when necessary. Assisted in the development of materials for study participants and the community

New York State Office of Mental Health Family Psychoeducation (08/2004 – 06/205)

- Conducted focus groups in English and Spanish, compiled summary data, and analyzed documents

Education

American Business Institute, 1984-1985
South Dade Senior High School, 1981
Columbia University Training Certificates:

- Certificate for HIPAA – Health Insurance Portability Accountability Act Training Course
- Certificate for Good Clinical Practices, February 2001

Skills: Bilingual in English/Spanish, MS Office, Fund EZ Financial software, ADP EZ Labor (Employee Time keeping), ADP TotalSource (Payroll, benefits), QuickBooks Online

ASSOCIATION FOR
ENERGY AFFORDABILITY INC.
105 Bruckner Boulevard, Bronx, NY 10454 • Phone: Ex. 6 - Personal Privacy (PP)

Peggy Shepard
Executive Director
WE ACT for Environmental Justice
1854 Amsterdam Avenue, 2nd Floor
New York, NY 10031

April 10, 2023

Dear Ms. Shepard,

I am writing to support your proposal to the Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program (EPA-R-OEJECR-OCS-23-01), funded by the U.S. Environmental Protection Agency. I believe that as a community-based organization with strong community roots and a deep understanding of the public health needs of disadvantaged communities regarding indoor air quality and building electrification, WE ACT for Environmental Justice is uniquely qualified to lead the proposed project: *Assessing Indoor Air Quality Impacts of Building Electrification for Multifamily Housing in an Environmental Justice Community*. WE ACT will be able to successfully implement a research project that collects groundbreaking data on the effects of building electrification on indoor air quality through conducting a stove replacement project in multifamily housing stock in the South Bronx, and monitoring changes in NO2 pollution levels and health impacts before and after electrification.

The Association for Energy Affordability, Inc. (AEA) is dedicated to achieving energy efficiency in new and existing buildings in order to foster and maintain affordable and healthy housing and communities, especially those of low-income. AEA representatives engage in a broad range of educational, technical, and construction management activities and services to promote this mission and develop the industry that advances and sustains it. Since the early 1990s, AEA has provided training, program design, and implementation services for weatherization, utility, and NYSERDA-funded energy efficiency programs in New York City, including serving as both a technical services provider and direct services subgrantee for the Weatherization Assistance Program in New York State. AEA specializes in delivering energy efficiency to multifamily properties, including affordable housing.

In support of this project, AEA will work with WE ACT to recruit households for participation in this study. The households will be recruited from the pool of households for which AEA is doing gas-to-induction stove swap outs. AEA will introduce WE ACT staff to households scheduled for stove replacements, with the target of recruiting 30-100 households (with a minimum of 30 households to be recruited). AEA's role in this study will be to help WE ACT staff identify households and appropriately coordinate WE ACT's indoor air monitoring with AEA's construction timeline, if possible. As incentives, WE ACT has agreed to provide households with cookware and cooking classes- AEA will provide the space and stove to host the cooking classes, and WE ACT will provide the cooking instructor. AEA is excited to collaborate with WE ACT on this project to further our understanding of the potential health benefits of transitioning to induction stoves. Per the subaward agreement, AEA will receive $100,000 to complete the proposed project activities.

Sincerely,

Francis Rodriguez
Weatherization Director

Darby Jack, PhD
Associate Professor at CUMC
Environmental Health Sciences
Mailman School of Public Health
Ex. 6 Personal Privacy (PP)

COLUMBIA | MAILMAN SCHOOL OF PUBLIC HEALTH
ENVIRONMENTAL HEALTH SCIENCES

Letter of collaboration

11 April 2023

Peggy Shepard
West Harlem Environmental Action (WE ACT)
1854 Amsterdam Avenue
New York NY

Dear Peggy,

It is a great pleasure to collaborate with you and your team on this proposal titled "Out of Gas Phase II". This builds on a successful collaboration in Phase I of the Out of Gas work, in which your team led ground-breaking work transitioning NYCHA residents from gas to electric cooking and heating. I stand ready again work with your team to ensure the success of Phase II. Specifically, I will collaborate with WE ACT on the following tasks:

- Advise on study design and protocol development.
- Assist with development of quality assurance/quality control procedures for study data.
- Advise on data analysis.
- Collaborate on development of policy memos, scientific manuscripts, and other dissemination materials.

Thank you for giving me the opportunity to participate in this important work.

Warm regards,

Darby Jack

South Bronx Unite

Peggy Shepard
Executive Director
WE ACT for Environmental Justice
1854 Amsterdam Avenue, 2nd Floor
New York, NY 10031

April 12, 2023

Dear Ms. Shepard,

I am writing to support your proposal to the Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program (EPA-R-OEJECR-OCS-23-01), funded by the U.S. Environmental Protection Agency. I believe that as a community-based organization with strong community roots and a deep understanding of the public health needs of disadvantaged communities regarding indoor air quality and building electrification, WE ACT for Environmental Justice is uniquely qualified to lead the proposed project: *Assessing Indoor Air Quality Impacts of Building Electrification for Multifamily Housing in an Environmental Justice Community*. WE ACT will be able to successfully implement a research project that collects groundbreaking data on the effects of building electrification on indoor air quality through conducting a stove replacement project in multifamily housing stock in the South Bronx, and monitoring changes in NO2 pollution levels and health impacts before and after electrification.

South Bronx Unite (SBU) is a community-based organization working to bring together neighborhood residents, community organizations, academic institutions, and allies to improve and protect the social, environmental and economic future of Mott Haven and Port Morris. We envision a South Bronx where everyone has equitable access to clean air, nutritious food, truly affordable and quality housing, good health care, resource to advance our contributions to arts and culture, community centers, open green spaces, good schools, jobs with livable wages, a transformative justice approach to public safety, and participatory decision-making for public policies and community development. We work to achieve this through community organizing and advocacy; public policy & legislative organizing; workshops and trainings; and studies and collaborations.

In support of this project, SBU will work with WE ACT to host educational sessions to South Bronx community members participating in this study. In partnership with WE ACT, SBU will host 3-5 educational events, targeting at least 15-20 community members per event. The events will cover a range of educational topics, including sources and effects of indoor air pollution (including gas stoves), demonstration of indoor air monitoring equipment, and culturally-relevant

South Bronx Unite

cooking demonstrations with induction stoves. As part of this work, SBU will also assist in the distribution of pots and pans for induction stoves to program participants. SBU is excited to collaborate with WE ACT on this project to increase environmental health and community awareness in the South Bronx. Per the subaward agreement, SBU will receive $30,000 to complete the proposed project activities.

Sincerely,



Arif Ullah
Executive Director
South Bronx Unite

BARRY COMMONER CENTER FOR HEALTH AND THE ENVIRONMENT

Queens College, CUNY
65-30 Kissena Blvd.
Flushing, NY 11367
Phone: Ex. 6 - Personal Privacy (PP)

Peggy Shepard
Executive Director
WE ACT for Environmental Justice
1854 Amsterdam Avenue, 2nd Floor
New York, NY 10031

April 7, 2023

Dear Ms. Shepard,

I am pleased to write in support of your proposal, *Assessing Indoor Air Quality Benefits of Building Electrification for Multifamily Housing in an Environmental Justice Community* for funding under EPA's Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program. WE ACT's experience and commitment to the public health needs of disadvantaged communities regarding indoor air quality and building electrification, makes your organization uniquely qualified to lead the proposed project. The project will provide groundbreaking data on the effects of building electrification on indoor air quality through conducting a stove replacement project in multifamily housing stock in the South Bronx and monitoring changes in indoor pollution levels of Nitrogen Dioxide (NO_2) and health impacts before and after electrification.

The Barry Commoner Center, in its role as a large and preeminent center for environmental and occupational health at Queens College of the City University of New York, will be happy to provide feedback on project plans, monitoring strategies and study findings. Moreover, the Commoner Center will ensure availability of lab facilities, relevant equipment, and NYCCAS data to your team and the community. I look forward to our continued collaboration.

Sincerely,

Holger Eisl, PhD, MS, MRP
Research Associate Professor
Barry Commoner Center
Queens College, City University of New York

NEW YORK CITY DEPARTMENT OF
HEALTH AND MENTAL HYGIENE
Ashwin Vasan, MD, PhD
Commissioner

Sarah Johnson, MS, MPH
Executive Director
Air Quality Program
Bureau of Environmental
Surveillance and Policy
125 Worth Street
3rd Floor
New York, NY 10013
Sjohnso5@health.nyc.gov
Ex. 6 - Personal Privacy (PP)

March 23, 2023

To Whom It May Concern,

The Air Quality Program (AQP) in the New York City Department of Health and Mental Hygiene (DOHMH) is pleased to support We Act for Environmental Justice (WeAct) in their application for funding from the U.S. EPA's Environmental Justice Collaborative Problem Solving Program to implement the project **Assessing Indoor Air Quality Benefits of Building Electrification for Multifamily Housing in an Environmental Justice Community**. The project goals include replacing gas stoves with induction stoves and monitoring indoor air quality in a variety of types of housing using a Community Science approach.

Encouraging polices and programs that reduce health impacts from air pollution, both outdoor and indoor, is an important part of the AQP's work within DOHMH and with other city agencies. Indoor air quality (IAQ) is an important driver of asthma and other respiratory health outcomes. IAQ varies greatly between buildings and even between apartments within buildings in part due to their location relative to pollution sources, construction type, ventilation, maintenance and resident behavior. There are few sources of IAQ data in New York City, a gap that this study will help to fill. In addition, it will provide insight into what barriers may exist for the replacement of gas stoves on a wider scale, specifically limitations due to building electrical infrastructure and increases in electricity costs.

DOHMH has experience executing air quality-related Community Science projects, including question development, data collection strategies, and data analysis and interpretation. We look forward to working with WeAct on this program, including providing guidance around Community Science project planning and the application of findings to current and future health equity-focused policy efforts across city agencies.

Sincerely,

Sarah Johnson

Peggy Shepard
Executive Director
WE ACT for Environmental Justice
1854 Amsterdam Avenue, 2nd Floor
New York, NY 10031

April 12, 2023

Dear Ms. Shepard,

I am writing to commit my services, should they be necessary, as a conflict resolution mediator for WE ACT's proposal to the Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program (EPA-R-OEJECR-OCS-23-01), funded by the U.S. Environmental Protection Agency.

I am a scientist with experience in public health and grassroots organizing, and would serve as an independent, third-party mediator between WE ACT and their collaborators should conflict arise during the collaboration process. My role is not a permanent one on the project, but a potential role should meditation be necessary.

Sincerely,



Swati Durga Gayatri Rayasam, MS

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: AUG 03 1999

WEST HARLEM ENVIRONMENTAL ACTION
INC
C/O PEGGY M SHEPARD
271 W 125TH ST STE 211
NEW YORK, NY 10027-4424

Employer Identification Number:
13-3800068
DLN:
17053191720039
Contact Person:
THOMAS E O'BRIEN ID# 31187
Contact Telephone Number:
Ex. 6 Personal Privacy (PP)

Our Letter Dated:
November 30, 1995
Addendum Applies:
No

Dear Applicant:

This modifies our letter of the above date in which we stated that you would be treated as an organization that is not a private foundation until the expiration of your advance ruling period.

Your exempt status under section 501(a) of the Internal Revenue Code as an organization described in section 501(c)(3) is still in effect. Based on the information you submitted, we have determined that you are not a private foundation within the meaning of section 509(a) of the Code because you are an organization of the type described in section 509(a)(1) and 170(b)(1)(A)(VI).

Grantors and contributors may rely on this determination unless the Internal Revenue Service publishes notice to the contrary. However, if you lose your section 509(a)(1) status, a grantor or contributor may not rely on this determination if he or she was in part responsible for, or was aware of, the act or failure to act, or the substantial or material change on the part of the organization that resulted in your loss of such status, or if he or she acquired knowledge that the Internal Revenue Service had given notice that you would no longer be classified as a section 509(a)(1) organization.

You are required to make your annual information return, Form 990 or Form 990-EZ, available for public inspection for three years after the later of the due date of the return or the date the return is filed. You are also required to make available for public inspection your exemption application, any supporting documents, and your exemption letter. Copies of these documents are also required to be provided to any individual upon written or in person request without charge other than reasonable fees for copying and postage. You may fulfill this requirement by placing these documents on the Internet. Penalties may be imposed for failure to comply with these requirements. Additional information is available in Publication 557, Tax-Exempt Status for Your Organization, or you may call our toll free number shown above.

If we have indicated in the heading of this letter that an addendum applies, the addendum enclosed is an integral part of this letter.

Letter 1050 (DO/CG)

WEST HARLEM ENVIRONMENTAL ACTION

Because this letter could help resolve any questions about your private foundation status, please keep it in your permanent records.

If you have any questions, please contact the person whose name and telephone number are shown above.

Sincerely yours,

Steven T. Miller

Steven T. Miller
Director, Exempt Organizations

Letter 1050 (DO/CG)

ED_016126_00001213-00002

IRS Department of the Treasury
Internal Revenue Service
P.O. Box 2508
Cincinnati OH 45201

In reply refer to: 0248245444
Jan. 28, 2011 LTR 4168C EO
13-3800068 000000 00
00014504
BODC: NOBOD

WEST HARLEM ENVIRONMENTAL ACTION
INC
% PEGGY SHEPARD
1854 AMERSTERDAM AVE
NEW YORK NY 10031

031382

Employer Identification Number: 13-3800068
Person to Contact: Ms K Griffith
Toll Free Telephone Number: Ex. 6 Personal Privacy (PP)

Dear Taxpayer:

This is in response to your Jan. 19, 2011, request for information regarding your tax-exempt status.

Our records indicate that you were recognized as exempt under section 501(c)(3) of the Internal Revenue Code in a determination letter issued in November 2011.

Our records also indicate that you are not a private foundation within the meaning of section 509(a) of the Code because you are described in section(s) 509(a)(1) and 170(b)(1)(A)(vi).

Donors may deduct contributions to you as provided in section 170 of the Code. Bequests, legacies, devises, transfers, or gifts to you or for your use are deductible for Federal estate and gift tax purposes if they meet the applicable provisions of sections 2055, 2106, and 2522 of the Code.

Please refer to our website www.irs.gov/eo for information regarding filing requirements. Specifically, section 6033(j) of the Code provides that failure to file an annual information return for three consecutive years results in revocation of tax-exempt status as of the filing due date of the third return for organizations required to file. We will publish a list of organizations whose tax-exempt status was revoked under section 6033(j) of the Code on our website beginning in early 2011.

0248245444
Jan. 28, 2011 LTR 4168C E0
13-3800068 000000 00
00014505

WEST HARLEM ENVIRONMENTAL ACTION
INC
% PEGGY SHEPARD
1854 AMERSTERDAM AVE
NEW YORK NY 10031

If you have any questions, please call us at the telephone number shown in the heading of this letter.

Sincerely yours,

Michele M. Sullivan

Michele M. Sullivan, Oper. Mgr.
Accounts Management Operations I

Project Summary

a. ***Project Title:*** Assessing Indoor Air Quality Impacts of Building Electrification for Multifamily Housing in an Environmental Justice Community

b. ***Project Location:*** 1854 Amsterdam Avenue, 2nd Floor, New York, NY 10031 (Harlem)

c. ***Applicant Information:*** *(Name, address, main contact information)*

Peggy Shepard, Executive Director
peggy@weact.org; Ex. 6 - Personal Privacy (PP)
West Harlem Environmental Action, Inc. (dba WE ACT for Environmental Justice)
1854 Amsterdam Ave. 2nd Floor
New York, NY 10031

Primary Grants Contact:
Morgan Fritz, Director of Development
morgan@weact.org; Ex. 6 - Personal Privacy (PP)

d. Brief Description of Applicant Organization

WE ACT for Environmental Justice is a community-based organization with headquarters in West Harlem and a Federal Policy Office in Washington D.C. Our mission is to build healthy communities by ensuring that people of color and/or low income residents participate meaningfully in the creation of sound and fair environmental health and protection policies and practices. Our current ongoing activities include advocacy campaigns to promote decarbonization and reduce the presence of toxic chemicals in our communities; air-monitoring research projects in Northern Manhattan; and community organizing campaigns to increase disaster resiliency and civic engagement in Northern Manhattan.

We are ***not*** *applying for the Small CBO Set Aside Track for $150,000 projects.*

e. Project Abstract

WE ACT for Environmental Justice proposes an indoor air monitoring study on the impacts of electrification for public health in environmental justice communities. The main objective is to increase public health in environmental justice communities by collecting data on the public health impacts of gas stoves in multifamily housing in New York City and Nationally. Project activities include: 1) Program Recruitment and Outreach; 2) Educational Workshops; 3) Air-Quality Monitoring for Nitrogen Dioxide Pollution; 4) Stove Swap Out; 5) Health Impacts Assessment; 6) Reporting Findings to Participants; and 7) Evaluation and Dissemination of Findings, Reports, and Manuscripts. The project will take place in Northern Manhattan and the South Bronx, and expected project outputs include: 1 IRB-approved survey on the health impacts of gas stove replacement; 1 published study report; 30-100 households are transitioned from a gas stove to an electric induction stove; and 30-100 households have increased environmental health awareness and experience reductions in negative outcomes associated with asthma related to indoor air pollution. Project outcomes include 1) increased community knowledge about the contribution of gas stoves to indoor air pollution in Northern Manhattan and the South Bronx, 2) reduced rates of asthma attacks and other negative health outcomes related to indoor air pollution associated with gas stoves; and 3) increased local, State, and Federal government resources to support community-driven solutions to reduce exposure to Nitrogen Dioxide in environmental justice communities.

f. Project Type
WE ACT for Environmental Justice is proposing an indoor air-monitoring and public health study on Nitrogen Dioxide levels in apartment units with gas stoves.

g. Special Considerations
Our project qualifies for special considerations under the Health Impact Assessment category, as it aims to protect and promote health and to reduce inequities in health by examining the effect of gas stoves on indoor air quality, and potential impacts on individuals with asthma in New York City environmental justice neighborhoods.

h. Environmental Issue - *Air*

i. List of Project Partners
Association for Energy Affordability (AEA) - Community-Development Organization
South Bronx Unite (SBU) - Community-Based Organization
The Mailman School of Public Health at Columbia University - Academic
The Barry Commoner Center for Health and the Environment at Queens College, City University of New York - Academic
New York City Department of Health and Mental Hygiene- Government

j. QAPP Requirement
We believe we need to develop a QAPP for our project. We will incorporate a QAPP into our work plan, and develop the QAPP guided by the EPA's available resources for Ambient Air Monitoring Quality Assurance. The QAPP will be completed and approved prior to any air monitoring taking place.

Environmental and Public Health Information of the Underserved Community:
WE ACT is headquartered in West Harlem, and serves the constituents of Northern Manhattan, including West Harlem, Central Harlem, East Harlem, and Washington Heights/Inwood, which encompass the following zip codes: 10026, 10027, 10029, 10030, 10031, 10032, 10033, 10034, 10035, 10037, 10039, 10040. Northern Manhattan communities are overwhelmingly Brown and Black, and each neighborhood has its own unique makeup of populations. For example, Central Harlem is 56.14% Black and only 22.88% Hispanic, whereas East Harlem is only 27.32% Black, but 46.49% Hispanic, and Washington Heights is only 7.04% Black, but nearly 70% Hispanic, with a foreign-born population of 46%. According to the EJ Screening tool, compared to national percentiles, these zip codes rank in the 86th percentile for residents of color, and the 90th percentile for limited English speaking.

According to data compiled by New York City's Department of Health and Mental Hygiene, these neighborhoods experience disproportionate rates of poverty and unemployment, and with lower homeownership rates than the rest of New York City, and higher rates of childhood asthma and infant mortality. The neighborhoods of West Harlem, East Harlem, and Central Harlem experience poverty rates of 19.99%, 31.11% and 25.12% respectively, and have unemployment rates of 4.44%, 6.74, and 5.34% respectively. Washington Heights and Inwood have a poverty rate of 18.4% and an unemployment rate of 8.27%. According to the EJ Screening tool, these

neighborhoods rank in the 81st percentile for unemployment rates; the 85th percentile for less than High School education; and the 77th percentile for low-income residents.

Homeownership rates in these neighborhoods vary from 7.59% to up to 16.74%, but stay well below Manhattan's 23.96% rate, and the City's average of 32.75%. Children in Northern Manhattan are also disproportionately at risk from negative health effects, with rates of Child Asthma ER visits in East Harlem and Central Harlem reaching 580 and 545 visits per 10,000 children, more than double Manhattan's rate (264 visits per 10,000) and New York City's rate (223 visits per 10,000 children). Northern Manhattan neighborhood infant mortality rates are also higher than Manhattan and City averages, reaching up to 7.2 deaths per 1,000 live births in Central Harlem.

Our catchment area of Northern Manhattan contains by far the majority of disadvantaged tracts found in EJScreen. Issues faced by the majority of Northern Manhattan tracts fall under the following categories: Health; Housing; Legacy pollution; Transportation; Water and wastewater; and Workforce development**.** Threats and burdens highlighted in EJScreen for these neighborhoods include: very high diesel particulate matter exposure (often 0.99), high asthma in adults over 18 (0.97), high percent pre-1960s housing (0.84), and diagnosed diabetes among adults over 18 (0.83).

The South Bronx neighborhoods of Mott Haven and Port Morris experience similarly disproportionate rates of air quality and other pollution threats. According to the EJ Screening tool, the South Bronx ranks in the 95th-100th percentile for Diesel Particulate Matter, Air Toxics Cancer Risk, Hazardous Waste Proximity, Underground Storage Tanks, Traffic Proximity, and Waste Water Discharge. The South Bronx is a historically underserved community of color, ranking in the 94th percentile for people of color; the 92nd for low income residents; the 87th for unemployment rates; the 94th for limited English speaking; and the 96th for less than High School education.

Our project seeks to address the environmental and public health issue of Nitrogen Dioxide pollution emissions from gas stoves in affordable housing units in environmental justice communities, which contribute to disproportionately elevated rates of asthma among residents. We believe that this project can point the way to tangible improvements that can be made to existing multifamily housing stock in disadvantaged communities in order to reduce exposure to Nitrogen Dioxide.

Organization's Historical Connection to Underserved Community:
WE ACT for Environmental Justice is a community-based organization headquartered in Northern Manhattan that was established in 1988. WE ACT was founded as a result of a community organizing campaign, in which 100 Harlem activists came together to protest the North River Sewage Treatment Plant, which was degrading the air quality in Northern Manhattan. Peggy Shepard, WE ACT's Co-Founder and Executive Director, was one of those activists, and has led WE ACT in numerous successful environmental justice campaigns in Northern Manhattan since then. WE ACT's mission is to build healthy communities by ensuring that people of color and/or low income residents participate meaningfully in the creation of sound and fair environmental health and protection policies and practices. We achieve our

mission through community organizing, advocacy, education, and research. Our work currently focuses on the following priority issue areas: clean energy, toxic exposures, green jobs workforce development, and equitable decarbonization.

WE ACT's theory of change begins by developing and sharing knowledge with environmental justice constituencies. We then assist these constituencies in building capacity and alliances that they need in order to carry out effective advocacy leading to policy change. We support the Northern Manhattan community in a variety of ways, including providing worker training opportunities to community members, providing educational programming for youth and adults, connecting community members to key decisionmakers, empowering community members to serve as leaders through testimony and advocacy days, and leading groundbreaking environmental health research projects.

WE ACT has a membership made up of Northern Manhattan residents, consisting of 1,100 residents from across Northern Manhattan. WE ACT is in constant communication with our membership through various mediums. We hold monthly membership meetings, averaging 150-200 attendees per month. These meetings cover a range of different topics, such as voter engagement, important policy and legislative updates, environmental health updates, and more. Our membership meetings serve to not only raise awareness about environmental justice issues in Northern Manhattan, but also allow us to hear from our members around what concerns they may have regarding their communities. WE ACT also facilitates several smaller monthly meetings through our Working Groups, that focus on specific environmental justice issues such as toxic beauty products, healthy homes and indoor environments, and climate justice. Our working groups include the Climate Justice Working Group, the Healthy Homes Working Group, Civic Engagement Working Group, and the Beauty Inside Out Working Group. The working groups are made up of community members working together to address these issues and implement equitable community-based solutions at the New York City, State, and Federal levels.

In addition to our membership and working groups meetings, we send out weekly newsletters to over 15,600 subscribers. These newsletters keep subscribers up to date on events happening in the community, as well as policy wins and resources to help disadvantaged residents combat extreme weather and other climate justice issues. WE ACT is also active on Facebook, Twitter, and Instagram. WE ACT organizers also contact community members directly through phone banking, and through door-to-door organizing. In addition, we hold tabling events in-person across Northern Manhattan, in an effort to reach residents that do not have access to the internet.

Over the 35 years that we have been active, WE ACT has been successful at implementing community-driven solutions to environmental justice issues in Northern Manhattan. WE ACT's long history of organizing within the community has allowed us to develop and implement several solutions to various environmental justice issues over the course of our time operating in Northern Manhattan. One example of this is the successful renovation of the Mother Clara Hale Bus Depot in Central Harlem. Before renovations, the bus depot was responsible for toxic emissions and other pollution that endangered the physical health of the people living in the neighborhood. To address this issue, WE ACT joined forces with the Mother Clara Hale Community Task Force (a task force made up of neighborhood residents) and worked with the Metropolitan Transit Authority to create a cooperative vision for the rebuilding of the station. As

a result of this organizing work, the depot was renovated with sustainable technology that greatly reduced the amount of toxic pollution being produced and distributed in the neighborhood, improving the quality of life for neighboring residents.

Another priority identified by Northern Manhattan communities has been the increase in extreme heat waves. Heat waves have increased in both frequency and temperature over the last several years, and Northern Manhattan residents are disproportionately at risk of the negative health effects that can occur as a result. According to data from 2017[1], in New York City there are about 13 heatstroke deaths per year, over 100 deaths from natural causes exacerbated by heat, and over 450 heat-related emergency department visits. 50% or the heat-related deaths in New York City are Black people, even though they make up only 25% of the City's population. 72% of households in Northern Manhattan are cost-burdened or lack access to air conditioning, and at least a third live in homes with issues such as leaks, cracks, or holes. These factors make it difficult to avoid the heat and cool the home, and make it difficult to prepare for extreme heat. To address this climate justice issue, WE ACT coordinated with several community members to develop a policy implementation plan to secure better cooling and policy resources for community members affected by extreme heat. As a result of this plan, we were able to coordinate with City agencies to ensure that 22,000 air conditioning units were distributed to NYCHA residents. We also coordinated with New York City agencies to audit and provide recommendations for their cooling center program, to increase its effectiveness in providing life-saving cooling resources to vulnerable community members. We have worked to secure additional funding for energy programs to aid low-income and/or energy-burdened households in cooling their homes. Additionally, we conduct on-the-ground community outreach to energy-burdened residents to help them sign up for energy assistance programs to protect their households from utility burden and shutoff.

Another key concern of many Northern Manhattan residents is access to healthy, affordable housing. About 10% of WE ACT's membership base are New York City Housing Authority (NYCHA) residents. Due to a history of chronic underfunding and mismanagement, NYCHA residents experience disproportionate rates of environmental health and safety issues in their housing. To address these issues, WE ACT has been working with NYCHA residents through our Healthy Homes Working Group, as well as our broader membership meetings, to identify systemic health issues across NYCHA developments, and to develop community-based solutions to these issues. One way we have been addressing the issues is by bringing attention to them through our non-partisan candidates forum. Leading up to the general elections of both 2021 and 2022, we have brought NYCHA issues to the forefront of candidates forums to ensure that incoming City Electives are committed to ensuring safe, affordable housing to all New Yorkers.

WE ACT has an extensive history of multi-stakeholder community engagement around local environmental and public health issues. In 2015, WE ACT worked alongside hundreds of Northern Manhattan residents to develop the Northern Manhattan Climate Action (NMCA) Plan, in a process that included seven public workshops and dozens of meetings with partners and city agencies, along with countless interactions with our membership base. The NMCA includes recommendations for policy changes and informal local actions that are designed to mitigate environmental impacts while also addressing the systemic inequality that has led to a disparity in

[1] https://www.nyc.gov/assets/orr/pdf/Cool_Neighborhoods_NYC_Report.pdf

political power for poor and working-class communities confronting the advancing effects of climate change in Northern Manhattan. One of the most impactful results of the NMCA Plan was the passage of the Climate Leadership and Community Protection Act (CLCPA) in New York State in 2019, one of the most ambitious climate laws in the nation.

WE ACT also facilitated the Inwood Climate Change & Health Project, another collaborative community-based initiative that engaged Inwood members on how climate change is present and impacting health in their neighborhood. WE ACT worked with Inwood community members to identify pressing climate-change related issues, identifying extreme heat and poor air quality as priority areas, and then worked with the members to create an action plan to address these priority issues. Since then, WE ACT has coordinated a Heat, Health, and Equity Initiative (HHEI) throughout Northern Manhattan, an initiative dedicated to finding solutions to extreme heat. Through the HHEI, WE ACT works to ensure that Northern Manhattan community members are aware of the impacts of extreme heat, and the resources available to them to mitigate the dangerous health effects of extreme heat waves. As part of the HHEI, WE ACT is also working to pursue state policy changes to allow HEAP (Home Energy Assistance Program) funds to be used towards weatherization efforts and cooling costs of extreme heat mitigation. Through this initiative, WE ACT has also collaborated with New York City agencies to improve the City's Cooling Center Program.

One of WE ACT's most recent major undertakings was a groundbreaking pilot program called "Out of Gas, In with Justice," which was designed to study the effect of gas stoves on indoor air quality in affordable housing units in New York City Housing Authority (NYCHA) developments. WE ACT partnered with two of our current partners for the proposed project – Association for Energy Affordability (AEA) and Columbia University's Mailman School of Public Health – along with Berkeley Air Monitoring, to design and implement this study, which was the first of its kind in the United States.

The pilot study was conducted at 1471 Watson Ave at a NYCHA development in the Bronx. WE ACT collaborated with AEA to recruit 20 households to participate in the study- 10 as experimental units and 10 as control units. Once households were identified and recruited, WE ACT and AEA replaced the gas stoves in the experimental units with electric induction stoves, and installed air monitors in all 20 participating household units. From there, we spent the next 10 months monitoring the fluctuation in pollutant levels in the participating apartments.

At the conclusion of our study, we found that households with induction stoves experienced a 35% reduction in daily nitrogen dioxide concentrations compared to those using gas stoves, when controlling for temperature and apartment-level factors. Additionally, 24-hour averages of carbon monoxide for households with gas stoves reach concentrations of 1.4 parts per million (ppm) whereas households with induction stoves had a 24-hour average of 0.8 ppm, a significant decrease. Finally, when cooking a standardized meal for the controlled cook test on both a gas and induction stove in the NYCHA development, NO2 concentrations in kitchens with gas stoves were on average 190 percent higher than in kitchens with induction stoves.

Our proposed project is an extension of this pilot study with a modified project structure, looking to monitor Nitrogen Dioxide with more sensitive sensors and to make up for discrepancies found

in the first study. While the Out of Gas, In with Justice pilot project successfully demonstrated a reduction in NO2 pollution levels when replacing gas stoves with electric induction stoves, the presence of Nitrogen Dioxide from outside factors including seasonal variations and pollution from neighboring units, created discrepancies when analyzing the data. The proposed project will build upon the lessons learned from Out of Gas, In with Justice to get more accurate data on NO2 pollution from gas stoves, and the effects of this pollution on public health. One lesson we have incorporated into the proposed project has been to conduct the study in a fully-electrified building, rather than electrifying individual units in a building still powered by natural gas. In doing so, we hope to remove one of the external contributors of NO2- resulting in more accurate data on NO2 fluctuations before and after gas stove replacement.

Additionally, the proposed project will take into account fluctuations in NO2 levels due to seasonal conditions such as open windows, heating, and cooling. During the original pilot project, baseline air monitoring and experimental air monitoring were conducted at different points in the year, possibly resulting in fluctuations of NO2 levels in the apartment units. To control this variable, WE ACT has developed a series of seasonal cohorts for project participants- one for each season. This ensures that air monitoring after stove replacement is done during the same season that baseline air monitoring was originally conducted, removing the potential for discrepancies in project results due to outside factors.

Environmental Justice Collaborative Problem-Solving Model
The proposed project addresses all seven elements of the EJCPS Model.

1. **Issue Identification, Community Vision, & Strategic Goal Setting**

This element of the EJCPS Model has already begun. Indoor air quality in Northern Manhattan homes, especially affordable housing, has been a primary concern of WE ACT and our membership for several years. WE ACT has worked closely with Northern Manhattan community members through our Healthy Homes Working Group to identify systemic health risks from environmental conditions, and develop an action plan to address the environmental justice issue of indoor air quality in affordable housing in New York City. The Out of Gas, In with Justice pilot project was a result of this collaboration, and the proposed project is designed to work in collaboration with the residents- building on existing leadership and relationships within the communities to successfully implement the research project. This project fits into larger community goals by contributing to larger efforts to decarbonize New York City, and Northern Manhattan specifically. Equitable decarbonization has been identified as a priority for Northern Manhattan residents, as seen through the development of the Northern Manhattan Climate Action (NMCA) Plan which was the result of a six-month planning process led by WE ACT, in partnership with community members and other local stakeholders such as community organizations, environmental non-profit organizations, local businesses, and government agencies. NMCA Plan identified energy democracy and decarbonization as a primary focus, outlining the following goals: 1) The construction of green energy infrastructure that can improve public health, and 2) Equitable green energy projects that provide direct economic and environmental benefits to low-income residents, ensuring that cost-savings are passed down to renters, and not absorbed by property owners or for-profit businesses. WE ACT's commitment to equitable decarbonization in New York is seen through our decarbonization campaign, Better

Buildings New York, which worked in partnership with several state and local organizations to secure the passage of GasFreeNYC, or Local Law 154, which bans gas hookups in new construction and gut renovations in New York City. Our pilot decarbonization and air-monitoring project, Out of Gas, In with Justice, was developed as part of this decarbonization campaign to collect evidence to demonstrate the need for and feasibility of decarbonization in the building sector, and to gain information about the economic ramifications of electrification for people with low incomes.

WE ACT also participated in issue identification and community visioning through our Inwood Climate Change & Health Project, a collaborative community-based initiative that engaged Inwood members on climate change resiliency. The Inwood Climate Change & Health Project identified air quality as a priority for Northern Manhattan residents. As a result, one of the policy recommendations developed by the community was the need for an air-quality monitoring program in Inwood to study the effects of air pollution on community health.

2. **Community Capacity-Building & Leadership Development**

This project addresses community capacity-building and leadership development by gathering data on indoor air quality in environmental justice neighborhoods, and educating residents on the importance of decarbonization and the effects of air quality on resident health. Part of our capacity-building work has already begun, through a preliminary study on gas-stove decarbonization and indoor air quality, and through the identification of project partners to provide technical assistance in the air monitoring for the proposed project. We have also begun educating Northern Manhattan residents on the importance of indoor air quality and decarbonization through our Healthy Homes Working Group and our Climate Justice Working Group.

If granted funding, we would hold community education workshops to ensure community members and project participants are properly educated on both the progress and impact of the study and the larger context of air quality monitoring in environmental justice communities. Workshops would be held in partnership with the New York City Department of Health and Mental Hygiene, and AEA, and would cover a range of topics including sources of indoor air pollution, demonstration of indoor air quality monitoring equipment, and cooking demonstrations with induction stoves. These topics build on previous workshops with the Healthy Homes Working related to air quality monitoring efforts in New York City, and would empower residents with the knowledge and skills to educate their family, friends, and neighbors about the importance of indoor air quality and building electrification.

3. **Consensus Building & Dispute Resolution**

The project team intends to make decisions through a consensus model. WE ACT is experienced at both consensus building and dispute resolution through decades of work in community engagement and in coalitions at the city, state, and local level. Consensus is critical to ongoing collaboration and to achieving outcomes that genuinely benefit the majority of community members and stakeholders.

To support effective collaboration in the proposed project, one of our initial workplan steps would be to develop a dispute resolution plan, ratified by the steering committee participants (consisting of the key personnel on this proposal), that will guide successful resolutions of any disputes that arise.

WE ACT has also identified an independent third party, Swati Rayasam- a scientist with public health and grassroots organizing experience, to work as a mediator of conflict should arise.

4. Multi-Stakeholder Partnerships & Leveraging of Resources

We are currently in the process of developing multi-stakeholder partnerships and leveraging resources to successfully complete the proposed project. We have already begun conversations with project partners and have secured partnership commitments from partners from multiple stakeholders, including local community-based non-profits, academic institutions, and government agencies. We will leverage AEA's existing relationship with the South Bronx community and knowledge of building retrofits to select a building in which to conduct the study and recruit program participants. Columbia University has been identified as a technical advisor to aid in the collection and analysis of data. The New York City Department of Health and Mental Hygiene will serve as technical consultants as we develop the air monitoring study more closely with Columbia University. Working with these partners, we have developed a workplan to outline our project plan for indoor air monitoring. As our project plan continues to develop we will continue to look for new partners to address issues as they arise.

5. Constructive Engagement by Relevant Stakeholders

WE ACT has already begun the process of creating constructive engagement by all relevant stakeholders. WE ACT has identified policy recommendations for addressing air quality concerns at the New York City and New York State government levels through our community engagement work on the NMCA Plan and the Inwood Climate Change & Health Project, described above, and have begun engaging government stakeholders on these recommendations. In addition to engaging government stakeholders, we have also begun the process of engaging other stakeholders, namely another community based organization to help with community outreach and project implementation, and an academic institution to provide technical assistance for project research and analysis.

The goal of the proposed project is to collect data on the impacts of Nitrogen Dioxide pollution, to be used as evidence to support community-based solutions to reduce exposure to Nitrogen Dioxide in environmental justice communities. As part of the project, WE ACT will engage local environmental justice communities, namely Northern Manhattan and the South Bronx, through educational events to increase community awareness of and gain insight on indoor air quality issues in these neighborhoods. These outreach events will help inform policy recommendations when engaging government stakeholders once the study is finished. Additionally, WE ACT will be working closely with the New York City Department of Health and Mental Hygiene throughout the funding period. This collaboration will provide important insight on 1) what data to emphasize when conducting air quality monitoring and the Health Impacts Assessment and 2) how best to leverage the data collected to effectively advocate for policy change once the study

is completed.

In addition to engaging with our collaborators on this proposal, WE ACT has also consistently engaged our Northern Manhattan community members on decision-making and issue-identification on all environmental justice campaigns over the years, and will continue to do so throughout the funding period. WE ACT continues to have close relationships with our membership base, and uses monthly working groups (listed above), to provide important community input on solutions for climate and environmental justice concerns in Northern Manhattan. The community input collected through these working groups is used to develop policy recommendations, and community members are able to engage directly with decisionmakers and government agencies through advocacy days and other WE ACT events.

6. Sound Management & Implementation

The proposed project will be led by WE ACT's Director of Environmental Health, Micaela Martinez, with oversight from the Project Manager, Peggy Shepard (Executive Director and Co-Founder of WE ACT). Both Peggy and Micaela have significant experience in environmental health and community-based research. WE ACT has also secured written commitments on project partners on their scope of work in the project. The project partners named in this proposal will form a steering committee to provide oversight and expertise on the study development and implementation. The steering committee will make decisions by consensus, ensuring the project is meeting milestones as expected. As part of our work to ensure sound management and implementation of the proposed project, WE ACT has developed a detailed milstone schedule and logic model, which will serve as the basis for the project development and implementation.

In addition to the programmatic goals for the project, WE ACT also has strong financial controls, led by our Senior Director of Operations & Finance, Evelyn Joseph, who has extensive experience in financial management. Evelyn works with oversight from a CPA, Patricia Terry, who provides additional expertise on financial management.

7. Evaluation, Lessons Learned & Replication of Best Practices

WE ACT has developed the proposed project based on lessons learned and best practices from a previous air monitoring project, and will continue to document best practices and lessons learned over the course of the funding period to be incorporated into subsequent studies.

The project Steering Committee will meet throughout the course of the project to evaluate progress as well as lessons learned and best practices to replicate. WE ACT and project partners will measure our success based on our ability to successfully meet expected outputs (listed in the **Environmental Results: Outputs, Outcomes, and Performance Measures** section of the workplan) and milestones laid out in the milestone schedule.

As demonstrated in our milestone schedule and logic model, we have currently planned to document and share information learned from the study not only with program participants but also with wider audiences, including government agencies and other community stakeholders. Working with our project partners, WE ACT will develop and publish a written report on the

findings of this project, and will disseminate the report through online and traditional media, including a planned press release.

Project Linkages

Goal 2: Our project supports EPA Strategic Plan Goal 2, Objective, 2.1 by working to increase public health through an indoor air-monitoring program tracking pollution levels in households impacted by environmental racism. The EPA's efforts, as part of a government-wide effort to address environmental, public health, and energy challenges affecting communities, and specifically those adversely and disproportionately affected by environmental, climate, and human health harms and risks; Executive Order 13985; and Executive Order 140008 – all contribute to the potential for a significant increase in advancing environmental justice and civil rights. For this potential to be realized, there needs to be increased data available on the public health impacts of decarbonization and electrification, to be leveraged as evidence to support equitable decarbonization initiatives. Data on indoor air quality is imperative to improving public health, as there are currently no standards for indoor air quality. Because natural gas is a cheaper alternative to electricity, affordable housing and multifamily rental housing stock are disproportionately powered by natural gas, causing disproportionate health effects in low-income communities of color. Increased community awareness around the impacts of indoor air pollution is needed to effectively combat this environmental justice issue.

Objective 2.1: As discussed above, the proposed project directly contributes to promoting environmental justice and civil rights at the Federal, Tribal, State, and Local levels by increasing indoor air quality in the households participating in the proposed project. The proposed project will also contribute to broader environmental justice and civil rights initiatives by collecting critical data on indoor air quality to be used as evidence to support decarbonization policies and regulations at the local, State, and Federal levels.

Partner and Collaborate

The proposed project promotes collaborations with partners from three stakeholder groups: 1) community-based organizations, 2) academia, and 3) government. WE ACT will work with these stakeholders to develop and implement a collaborative air-monitoring project studying the effect of Nitrogen Dioxide pollution on residents in environmental justice communities, including a health assessment on the project participants. This project addresses both environmental concerns and public health issues by contributing valuable data to support decarbonization incentives in New York City and New York State, reducing greenhouse gas emissions while protecting the health of environmental justice residents.

WE ACT has carefully selected partners representing a range of different skillsets and resources to help us achieve the goals of our proposed project and ensure the best results at all aspects of project implementation. To ensure this air-monitoring study is benefiting historically marginalized and underserved communities, WE ACT has developed two financial partnerships with organizations from the South Bronx: the Association for Energy Affordability (AEA) and South Bronx Unite (SBU). AEA represents the local community development stakeholder group, and SBU is another local community-based non-profit organization.

AEA has a long history of working with environmental justice residents from the South Bronx,

and has extensive experience retrofitting affordable housing buildings to increase energy efficiency for environmental justice residents. AEA will be responsible for securing a building in which to do the study, and for the construction necessary for retrofitting apartments for stove replacement. AEA will also conduct outreach to building residents to recruit participants, and will work with WE ACT during working group meetings to educate program participants on the study and importance of decarbonization. AEA will also host cooking classes and provide the stoves to be used for the cooking demonstrations (although WE ACT will provide the cooking instructor). This partnership benefits AEA by allowing them to continue the energy retrofitting work they are currently doing in the South Bronx. Additionally, the outcomes of this project could result in increased electrification incentives for landlords in New York City, creating more resources for AEA's work.

SBU also has extensive experience working with South Bronx residents, and has spent years developing a trusted relationship with South Bronx community members. SBU will work with WE ACT and AEA to host educational sessions to South Bronx community members participating in the proposed project. In partnership with WE ACT and AEA, SBU will host 3-5 educational events, targeting at least 15-20 community members per event. The educational events will cover a range of topics, including sources and effects of indoor air pollution (including gas stoves), demonstrations of indoor air monitoring equipment, and culturally-relevant cooking demonstrations with induction stoves. As part of this work, SBU will also assist in the distribution of pots and pans for induction stoves to program participants. This partnership benefits SBU by increasing environmental health and awareness in their home neighborhood of the South Bronx. It also enables SBU to gain experience in indoor air monitoring projects, increasing their organizational capacity for future air monitoring projects.

WE ACT has developed two non-financial partnerships from the academia stakeholder group: Columbia University and Queens College, of the City University of New York. WE ACT is leveraging partnerships from academia to ensure this research project is efficiently and accurately collecting data on the effects of gas stove replacement on public health, and to ensure the credibility of the project results. Both partners will provide important technical assistance and expertise during the research and air-monitoring process. Researchers from Queens College will provide expertise on the development and structure of the research project, and will provide technical assistance in the form of calibration of the air sensors, and in the analysis of the data collected. Columbia University will also provide technical expertise in the development and design of the proposed project, along with providing expertise in the development of the Health Impacts Assessment (HIA), and will assist WE ACT in securing IRB approval for the HIA survey. In addition, researchers from Columbia University will leverage their technical and intellectual expertise by conducting a health impacts assessment on project participants, analyzing the physical and mental effects of gas stove replacement. The results of this study will provide groundbreaking context for decarbonization initiatives, and is one of the first of its kind to be undertaken. Both Columbia University and Queens College have vested interests in the results of this project, as both institutions are involved in current community air-monitoring projects, which would be impacted by the results of the proposed project.

Finally, WE ACT has also developed a non-financial partnership with the New York City Department of Health and Mental Hygiene (DOHMH) - a member of the government

stakeholder group. WE ACT is leveraging this partnership to secure insight on program structure and how to best use the project results to work with government agencies to secure decarbonization incentives in New York City and State. The NYC DOHMH will provide expertise and consultation, and will assist with educational workshops for program participants. As a public agency, the NYC DOHMH has a vested interest in the results of this project due to the implications they may have for public health and climate resiliency in New York City.

WE ACT has longstanding working relationships with all project collaborators, and will continue to collaborate with our project partners based on the findings of the proposed project, in order to work together to seek solutions to community-identified issues such as air quality.

The proposed financial transactions for this project comply with the applicable requirements in 2 CFR part 200, as the identified partners will serve as pass-through entities, and not procurement contractors. They will receive funding to carry out a portion of the project, which serves a public purpose, and will not profit from the partnership.

Project Activities:
1) Recruitment and Outreach: Work in partnership with AEA to identify a building in the South Bronx undergoing decarbonization and electrification retrofitting process from which to recruit program participants. Once program participants have been recruited, they will be divided into smaller cohorts of 12 households per cohort to facilitate air-monitoring and stove replacement.
2) Educational Workshops: Once program participants have been recruited, WE ACT, AEA, and the NYC DOHMH will host 3-5 one-day Healthy Homes workshops on sources of indoor air pollution (including gas stoves), demonstration of indoor air quality monitoring equipment, and culturally relevant cooking demonstrations with induction stoves. As part of this outreach, WE ACT will distribute pots and pans for induction stoves to program participants, and will ensure that program participants are familiar with the air monitoring equipment.
3) Air-Quality Monitoring for Nitrogen Dioxide Pollution: WE ACT will rent four "Home Health Boxes" air monitoring sensors from Access Sensor Technologies to conduct the project air monitoring. WE ACT's institutional partners at Queens College will conduct initial calibration of air-sensors in preparation for baseline monitoring. Once calibration is completed, air sensors will be distributed to program participants for the first round of baseline air-monitoring. WE ACT staff will ensure that air sensors are installed in the home correctly, and are prepared for baseline air monitoring. WE ACT has decided to use a stepped wedge model for this program. Air monitoring will take place over two week periods, using the four air sensors from Access Sensor Technology. While we have currently settled on these air sensors, we understand the field is rapidly changing, and will continue to work with our partners to monitor the technology as new options may emerge over the course of the grant period.

We will conduct air-monitoring in 4-6 households per month, starting with a 2-week baseline air-monitoring period in apartment units before stove replacement. Following the stepped wedge model, we will use a tiered-approach to stove replacement swapping out stoves in cohorts of 12 households at a time. Once the stove replacement has begun, we will begin 2-week air-monitoring periods in households that have undergone stove retrofitting, while continuing to collect baseline data for households that have yet to receive a new stove. This will enable us to collect simultaneous data on NO2 levels before and after stove replacement, increasing the

accuracy of the data.
4) Stove Swap Out: Using a phased approach, WE ACT and AEA will facilitate the swap-out of gas stoves for electric induction stoves in 60 households from an AEA-selected building in the South Bronx, prioritizing households where one or more individuals has asthma.
5) Health Impacts Assessment: Working in partnership with our research partners at Columbia University, WE ACT will conduct an assessment of changes in acute respiratory and mental health symptoms among the 60 households who participated in the gas stove transition. WE ACT will work with Columbia University to develop an IRB-approved survey to use for the health impacts assessment, and will conduct a pre-assessment on program participants before stove replacement. Once the stoves have been replaced, Columbia University researchers will conduct a health assessment using the survey to analyze the impact of electrification on physical and mental health. Researchers will then analyze the health impacts assessment results and develop a written report based on the findings.
6) Report Findings to Participants: We will develop individualized reports regarding the contribution of gas stoves on indoor air quality among study participants' homes for each household participating in the study, and will share these findings through written reports and educational workshops. We will host 3-5 half-day workshops to explain summary reports and disseminate household reports.
7) Evaluation, Disseminate Findings, Reports, and Manuscripts: WE ACT will conduct and share a formal evaluation of the study, including the development of recommendations for policy and further research. In partnership with Columbia University, Queens College, and the New York City Department of Health and Mental Hygiene, we will develop and publish a final report featuring the analysis of household indoor air quality data, including recommendations for policy and further research. We will disseminate this report through a press conference, as well as by making it available online on our Website and through virtual communications such as emails and newsletters.

WE ACT EJ Collaborative Air-Monitoring Milestone Schedule

Title: Assessing Indoor Air Quality Benefits of Building Electrification for Multifamily Housing in an Environmental Justice Community

WE ACT for Environmental Justice

Legend: **Activity Planned**

Time Period Outside of Grant Period

Task #	Task Name	Q4 2023			Q1 2024			Q2 2024			Q3 2024			Q4 2024			Q1 2025			Q2 2025			Q3 2025			Q4 2025			Q1 2026			Q2 2026			Q3 2026			Q4 2026		
		O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
0	**Pre-Programmatic Activities**																																							
0.1	Develop and Complete QAPP																																							
0.2	Develop a Dispute Resolution Plan																																							
0.3	Form Steering Committee and finalize project implementation plan																																							
1	**Recruitment and Outreach**																																							
1.1	Identify building in which to conduct the project																																							
1.2	Recruit Program Participants																																							
1.3	Separate participants into cohorts for stove replacement																																							
1.4	Host 3-5 one-day Healthy Homes Educational Workshops																																							
1.5	Distribute Pots and Pans to program participants																																							
2	**Baseline Air Monitoring**																																							
2.1	Calibration of Air Sensors																																							
2.2	Distribution of air sensors to first round of participants																																							
2.3	Baseline Air Monitoring Begins																																							
3	**Stove Replacement**																																							
3.1	Identify and prepare apartment units for stove replacement based on existing cohorts																																							
3.2	Replace gas-stoves with electric induction stoves using a tiered-approach																																							
4	**Air Monitoring**																																							
4.1	Conduct air monitoring after stove replacement																																							
4.2	Work with researchers at Queens College to analyze air-monitoring data																																							
4.3	Develop written report based on data analysis																																							
5	**Health Impacts Assessment**																																							
5.1	In partnership with Columbia University, develop IRB-approved survey to use for health impacts assessment																																							
5.2	Conduct health impacts pre-assessment before stove replacement																																							
5.3	Conduct health impact assessment throughout the air-monitoring period																																							
5.4	Analyze health impact assessment results and develop written report based on the findings																																							
6	**Report Findings to Participants**																																							
6.1	Develop individualized reports for each household participating in the project																																							
6.2	Host 3-5 half-day workshops to explain summary reports and disseminate household reports																																							
7	**Evaluation & Dissemination of Reports**																																							
7.1	In partnership with project partners, develop and publish a final report on study findings, including recommendations for policy and further research																																							
7.2	Hold press conference with relevant stakeholders to announce study release and share findings																																							

Environmental Results: Outputs, Outcomes, and Performance Measures:
Tracking and measuring progress will be led by the Project Manager, Peggy Shepard. Peggy will coordinate with all of our partners and technical assistance providers to ensure uniform reporting and measurement methods and data quality. We will work with our technical assistance providers to ensure that data is properly collected and stored. Data will be stored in CSV data files and analyzed in R: A language and environment for statistical computing. All data, metadata, and code will be made publicly available at the time of publication.

Expected Early Outputs:

- 1 building identified for retrofitting and air monitoring
- 30-100 building residents recruited as program participants
- 3-5 one-day workshops, each attended by 15-20 community members living in the South Bronx.
- Distribution of pots and pans for induction stoves to 30-100 households
- 30-100 households receive induction stoves as a replacement for the gas stove in their homes
- 1 IRB-approved survey on the health impacts of gas stove replacement
- 30-100 households participate in an assessment of acute respiratory and mental health symptoms BEFORE induction stove swap out

We will also track the following longer-term Outputs:

- 30-100 households receive testing for indoor levels of NO_2 to measure reductions associated with an induction stove swap out.
- 30-100 households experience measured reductions in indoor levels of NO_2
- 30-100 households participate in an assessment of acute respiratory and mental health symptoms AFTER induction stove swap out
- 30-100 summary reports for indoor air quality data from each household
- Host 3-5 half-day workshops, each attended by 15-20 study participants to explain summary reports
- Formal evaluation process has begun, using the indoor air quality data and surveys on negative outcomes associated with asthma and relevant mental health outcomes from 30-100 households.
- Publication of study report on WE ACT's website and in relevant newsletters.
- Press conference held to announce the study release and share findings.

Outcomes:

- 30-100 Community members have increased environmental health awareness through increased knowledge about sources of air quality and how to reduce their exposure.
- 30-100 households are familiar with indoor air quality monitoring methods and express interest in community based participatory research related to indoor air quality
- 30-100 households are confident in their ability to use induction stoves to perform their usual cooking tasks, and are sharing knowledge with their families and neighbors about the benefits of electrifying household appliances.
- 30-100 households are expected to experience reductions in negative outcomes associated with asthma and/or relevant mental health outcomes related to indoor air pollution

- 30-100 households are taking steps to reduce their exposure to indoor air pollution, sharing knowledge with their families and neighbors, and leading change in their community
- Northern Manhattan residents are knowledgeable about the contribution of gas stoves to indoor air pollution in their homes
- New York and other states are providing resources to support buildings in the transition to induction stoves.

Sustainability Plan and Community Vision

WE ACT plans to use the result of this study to support the community goals identified in the NMCA Plan: 1). The construction of green energy infrastructure that can improve public health, and 2). Equitable green energy projects that provide direct economic and environmental benefits to low-income residents, ensuring that cost-savings are passed down to renters, and not absorbed by property owners or middlemen. By conducting this study, we hope to show the feasibility and necessity of electrification to improve public health, especially in environmental justice neighborhoods. The project in itself will improve the health of program participants, and enable them to access the environmental benefits of electrification. On a larger scale, WE ACT and our partners hope to leverage the results of this study to create broader decarbonization and electrification incentives in New York City, and across the country.

Programmatic Capability

WE ACT's experience related to performing the eligible services is demonstrated by our track record, our mission, and our current efforts. WE ACT has a demonstrated ability to meaningfully engage environmental justice community members on a range of environmental justice and climate justice issues and environmental health concerns, and has spent the last 35 years fostering trust and strengthening relationships with Northern Manhattan community members. In addition to our strong ties to the community, WE ACT also has long-standing relationships with our project partners, based on years of working relationships around environmental justice and research campaigns in New York City. These strong working relationships contribute to WE ACT's infrastructure and capacity to successfully implement the proposed project. This is demonstrated by our successful development and implementation of our pilot gas stove replacement project: "Out of Gas, In with Justice", as highlighted earlier in the narrative. We have a wealth of knowledge and resources available to us as a result of piloting the original study, and will leverage these resources to ensure the proposed project collects accurate and useful data.

Further, as outlined throughout this proposal, WE ACT has demonstrated expertise in facilitating meetings and engagements with diverse stakeholders and decision makers; research and analysis of environmental justice and environmental health threats; data collection and dissemination; and culturally-relevant environmental education. Peggy Shepard, Executive Director and Co-Founder of WE ACT, will serve as the Project Manager for the proposed project. Peggy has led WE ACT since its founding in 1988, and has a demonstrated ability to successfully lead community organizing, educational, research, and policy advocacy campaigns. She is a long-time resident of Northern Manhattan and a respected leader in the environmental justice movement at the local and national levels, and has spent the last 35 years curating a trust-based relationship with her

fellow neighbors and advocating for environmental health and justice for all. Her successful projects and accomplishments include: 1) suing the New York City Department of Environmental Protection for operating the North River Sewage Treatment Plant as a public and private nuisance; 2) a major public awareness campaign urging the New York Metropolitan Transportation Authority (MTA) to commit to modifying bus depots and to invest in clean-fuel only buses, and consequently filing a Title VI Complaint with the United States Department of Transportation (DOT) charging the MTA with violating the civil rights of Northern Manhattan residents; 3) Developing a ground-breaking Environmental Health and Justice Leadership Training (EHJLT) program- the first of its kind- and overseeing the training of over 1,000 adults and youth from environmental justice neighborhoods; 4) the implementation of a pilot project study on indoor air quality in affordable housing units in the Bronx, the first in the United States to monitor indoor air quality with residents in-place in affordable housing; and 5) Being named co-Chair of the first ever White House Environmental Justice Advisory Council.

Peggy will oversee WE ACT's Director of Environmental Health, Micaela Martinez, throughout project implementation. Micaela has extensive research experience covering topics including environmental health, environmental racism, Climate Change, and social justice and human health. Additionally, WE ACT's academic partners, Darby Jack and Holger Eisl, bring a wealth of knowledge and extensive research experience to the project. Darby worked with WE ACT on the Out of Gas, In with Justice project, and successfully oversaw the air monitoring and data analysis of the project. Holger Eisl currently manages the New York City Community Air Survey, in partnership with the New York City Department of Health and Mental Hygiene, assisting with air monitoring data collection and analysis from about 100 locations around New York City. Both Darby and Holger are well-positioned to support WE ACT in this project, and their expertise and input on the project development will ensure that data collection is both accurate and efficient.

Expenditure of Awarded Grant Funds:

Our system, Quickbooks online, is adequate to report Federal awards used in compliance with Federal statutes, and terms & conditions of the award. We have implemented effective control over, and accountability for, all funds, property, and other assets. We confirm that our organization has written procedures in place to implement the requirements of **§75.305**. We confirm that our organization has written procedures in place for determining the allowability of costs in accordance with the terms and conditions of the Federal award.

Past Performance:

We do not have any available past performance related to federal or non-federal grants.

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Atma Connect

Address: 220 Avenida Domenich, PMB 299

City: San Juan

State: PR: Puerto Rico Zip Code: 00918

B. Unique Entity Identifier (UEI): Y3L2J4N45124

C. Applicant/Recipient Point of Contact

Name: Meena Palaniappan

Phone: Ex. 6 Personal Privacy (PP)

Email: meena@atmaconnect.org

Title: CEO

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

None

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

We do not have more that 15 employees

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

We do not have more that 15 employees

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Meena Palaniappan	CEO	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Mrs. First Name: Meena Middle Name:
Last Name: Palanippan Suffix:

Title: CEO

Complete Address:

Street1: 220 Avenida Ingeniero Manuel Domenech
Street2: PMB 299 00918
City: San Juan State: PR: Puerto Rico
Zip / Postal Code: 00918-3533 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: meena@atmaconnect.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: First Name: Middle Name:
Last Name: Suffix:

Title:

Complete Address:

Street1:
Street2:
City: State:
Zip / Postal Code: Country:

Phone Number: **Fax Number:**

E-mail Address:

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: First Name: Meena Middle Name:
Last Name: Palaniappan Suffix:

Title: CEO

Complete Address:

Street1: 220 Avenida Ingeniero Manuel Domenech
Street2: PMB 299 00918
City: San Juan State: PR: Puerto Rico
Zip / Postal Code: 00918-3533 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: meena@atmaconnect.org

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: Miss First Name: Erika Middle Name: Yazmin

Last Name: Marrero Perez Suffix:

Title: Project Manager

Complete Address:

Street1: 220 Avenida Ingeniero Manuel Domenech

Street2: PMB 299 00918

City: San Juan State: PR: Puerto Rico

Zip / Postal Code: 00918-3533 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: erika@atmaconnect.org

EPA Form 5700-54 (Rev 4-02)

MwZ7+XXGXJtZBTrsw2NmhTdXoaU=

Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Collaborative Problem Solving - Water Quality in Puerto Rico

Atma Connect
220 Avenida Domenich, PMB 299
San Juan
PR: Puerto Rico
00918

Y3L2J4N45124
Meena Palaniappan
Ex. 6 Personal Privacy (PP)
meena@atmaconnect.org
CEO
N: No
None
None
None
N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
We do not have more that 15 employees
We do not have more that 15 employees
Meena Palaniappan
CEO
2023-04-14

1234-Final Narrative EJCPS Proposal - Atma Connect.pdf
application/pdf
SDiKCPc1SrHGtG4Gn1oCbAytC58=

Application
New
2023-04-14
Y3L2J4N45124
Atma Connect
812938272
Y3L2J4N45124
220 Avenida Ingeniero Manuel Domenech
PMB 299 00918
San Juan
PR: Puerto Rico
00918-3533
USA: UNITED STATES

Mrs.
Meena
Palaniappan

CEO
Ex. 6 Personal Privacy (PP)
meena@atmaconnect.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Grassroots Leadership, Education, and a Safe Water Quality Network in Puerto Rico
PRAL00
00-000
2023-11-01
2025-10-31
500000.00
0.00
0.00
0.00
0.00
0.00
500000.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Mrs.
Meena
Palaniappan

CEO
Ex. 6 Personal Privacy (PP)

meena@atmaconnect.org
Meena Palaniappan
2023-04-14

1235-Copy of 501c3AtmaConnect.pdf
application/pdf
w0gBIvI8h4QgXzd1GEkKoFDo9UU=

1236-AtmaConnect 20 FinalFS.Client.pdf
application/pdf
4L9BL653kbkWhzkMhQXcCD5N4T8=

1237-AtmaConnect 21 FinalFS.Client.pdf
application/pdf
wxixOmZ5EkHQAzLSxgUc9/ThUZs=

1238-3a. Do Business in PR ENGLISH.pdf
application/pdf
QYkZBvXoFENE3pWW0arpAQkU8zs=

1239-Resumes of key personnel.pdf
application/pdf
9s2YYh/yULEWaqWBqgyxza8NveM=

1240-Sani Plant LoC.pdf
application/pdf
PA7YF/c5T3pCawJOZKS3MOozRbk=

1241-Northwestern LoC.pdf
application/pdf
ORIf+Na4f4yz1TYsegxcS5vRwlc=

1242-Ingrid Padilla LoC.pdf
application/pdf
um5IDcg8lyBPHcLHJZB/QCavo8M=

1243-Finca Higuaca LoC.pdf
application/pdf
OF3iwravdKEcq0YbF0jzAW/0Otw=

1244-EPN LoC.pdf
application/pdf
VUrlVHNPaHsCd4z8xB3phrDJQFQ=

1245-Asociacion Sabana Seca LoC.pdf
application/pdf
5PM5blayuHKVwxnvzcYyPKtAGhs=

1246-Budget Detail Atma Connect USEPA CPS.pdf
application/pdf
JGLt3AGYRHFutDC/pjfVWyRCgfo=

1247-Atma Connect Logframe USEPA CPS.pdf
application/pdf
k16CbtZyE8JikkCYlVHXl8HcGtk=

Mrs.
Meena
Palanippan

CEO
220 Avenida Ingeniero Manuel Domenech
PMB 299 00918
San Juan
PR: Puerto Rico
00918-3533
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
meena@atmaconnect.org

Meena
Palaniappan

CEO
220 Avenida Ingeniero Manuel Domenech
PMB 299 00918
San Juan
PR: Puerto Rico
00918-3533
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
meena@atmaconnect.org

Miss
Erika
Yazmin
Marrero Perez

Project Manager
220 Avenida Ingeniero Manuel Domenech
PMB 299 00918
San Juan
PR: Puerto Rico
00918-3533
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
erika@atmaconnect.org

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EPA-R-OEJECR-OC
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129453.00
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260780.00
260780.00

88295.00
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Meena Palaniappan
GRANT13861989

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier: Y3L2J4N45124

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Atma Connect

* b. Employer/Taxpayer Identification Number (EIN/TIN): 812938272

* c. UEI: Y3L2J4N45124

d. Address:

* Street1: 220 Avenida Ingeniero Manuel Domenech
Street2: PMB 299 00918
* City: San Juan
County/Parish:
* State: PR: Puerto Rico
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 00918-3533

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Mrs.
* First Name: Meena
Middle Name:
* Last Name: Palaniappan
Suffix:

Title: CEO

Organizational Affiliation:

* Telephone Number: Ex. 6 Personal Privacy (PP)
Fax Number:

* Email: meena@atmaconnect.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Grassroots Leadership, Education, and a Safe Water Quality Network in Puerto Rico

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: PRAL00 * b. Program/Project: 00-000

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 * b. End Date: 10/31/2025

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	500,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Mrs. * First Name: Meena

Middle Name:

* Last Name: Palaniappan

Suffix:

* Title: CEO

* Telephone Number: Ex. 6 Personal Privacy (PP) Fax Number:

* Email: meena@atmaconnect.org

* Signature of Authorized Representative: Meena Palaniappan * Date Signed: 04/14/2023

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: DEC 15 2016

ATMA CONNECT
Ex. 6 Personal Privacy (PP)
OAKLAND, CA 94610

Employer Identification Number:
81-2938272
DLN:
17053257340026
Contact Person:
ERIC KAYE ID# 31612
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)
Accounting Period Ending:
December 31
Public Charity Status:
170(b)(1)(A)(vi)
Form 990/990-EZ/990-N Required:
Yes
Effective Date of Exemption:
April 7, 2016
Contribution Deductibility:
Yes
Addendum Applies:
No

Dear Applicant:

We're pleased to tell you we determined you're exempt from federal income tax under Internal Revenue Code (IRC) Section 501(c)(3). Donors can deduct contributions they make to you under IRC Section 170. You're also qualified to receive tax deductible bequests, devises, transfers or gifts under Section 2055, 2106, or 2522. This letter could help resolve questions on your exempt status. Please keep it for your records.

Organizations exempt under IRC Section 501(c)(3) are further classified as either public charities or private foundations. We determined you're a public charity under the IRC Section listed at the top of this letter.

If we indicated at the top of this letter that you're required to file Form 990/990-EZ/990-N, our records show you're required to file an annual information return (Form 990 or Form 990-EZ) or electronic notice (Form 990-N, the e-Postcard). If you don't file a required return or notice for three consecutive years, your exempt status will be automatically revoked.

If we indicated at the top of this letter that an addendum applies, the enclosed addendum is an integral part of this letter.

For important information about your responsibilities as a tax-exempt organization, go to www.irs.gov/charities. Enter "4221-PC" in the search bar to view Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, which describes your recordkeeping, reporting, and disclosure requirements.

Letter 947

ATMA CONNECT

Sincerely,

Jeffrey I. Cooper
Director, Exempt Organizations
Rulings and Agreements

Letter 947

ATMA CONNECT

FINANCIAL STATEMENTS

December 31, 2020

(WITH COMPARATIVE TOTALS AS OF DECEMBER 31, 2019)

CROSBY & KANEDA
Certified Public Accountants
for Nonprofit Organizations

ED_016126_00001226-00001

ATMA CONNECT

Contents

Independent Accountants' Review Report	1
Financial Statements	
Statement of Financial Position	2
Statement of Activities	3
Statement of Cash Flows	4
Statement of Functional Expenses	5
Notes to the Financial Statements	6-12

CROSBY & KANEDA

Certified Public Accountants
for Nonprofit Organizations

1970 Broadway Suite 930
Oakland, CA 94612
www.ckcpa.biz
Ex. 6 - Personal Privacy (PP)

INDEPENDENT ACCOUNTANTS' REVIEW REPORT

Board of Directors
Atma Connect
Oakland, California

We have reviewed the accompanying financial statements of Atma Connect (the Organization), which comprise the statement of financial position as of December 31, 2020, and the related statements of activities, cash flows and functional expenses for the year then ended, and the related notes to the financial statements. A review includes primarily applying analytical procedures to management's financial data and making inquiries of Organization management. A review is substantially less in scope than an audit, the objective of which is the expression of an opinion regarding the financial statements as a whole. Accordingly, we do not express such an opinion.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement whether due to fraud or error.

Accountants' Responsibility

Our responsibility is to conduct the review engagement in accordance with Statements on Standards for Accounting and Review Services promulgated by the Accounting and Review Services Committee of the American Institute of Certified Public Accountants. Those standards require us to perform procedures to obtain limited assurance as a basis for reporting whether we are aware of any material modifications that should be made to the financial statements for them to be in accordance with accounting principles generally accepted in the United States of America. We believe that the results of our procedures provide a reasonable basis for our conclusion.

Accountants' Conclusion

Based on our review, we are not aware of any material modifications that should be made to the accompanying financial statements in order for them to be in accordance with accounting principles generally accepted in the United States of America.

Report on Summarized Comparative Information

The accompanying summarized comparative information as of and for the year ended December 31, 2019 is derived from financials that were previously reviewed by us and we stated that we were not aware of any material modifications that should be made to those financial statements in order for them to be in conformity with accounting principles generally accepted in the United States of America in our report dated September 10, 2020. We have not performed procedures in connection with that review engagement since that date.

Crosby & Kaneda CPAs LLP

Oakland, California
April 26, 2021

ED_016126_00001226-00003

ATMA CONNECT

Statement of Financial Position
December 31, 2020
(With Comparative Totals as of December 31, 2019)

	2020	2019
Assets		
Cash and cash equivalents	$ 259,413	$ 302,477
Grants receivable	97,250	20,000
Prepaid expenses and vendor credits	47,942	2,391
Total Assets	$ 404,605	$ 324,868
Liabilities and Net Assets		
Liabilities		
Accounts payable and accrued expenses	$ 15,128	$ 2,837
Paycheck Protection Program loan (Note 3)	63,900	-
Total Liabilities	79,028	2,837
Net Assets		
Without donor restrictions	300,577	201,762
With donor restrictions (Note 5)	25,000	120,269
Total Net Assets	325,577	322,031
Total Liabilities and Net Assets	$ 404,605	$ 324,868

See Independent Accountants' Review Report and
Notes to the Financial Statements

ED_016126_00001226-00004

ATMA CONNECT

Statement of Activities
For the Year Ended December 31, 2020
(With Comparative Totals for the Year Ended December 31, 2019)

	Without Donor Restrictions	With Donor Restrictions	Total 2020	Total 2019
Support and Revenue				
Contributions	$ 18,472	$	$ 18,472	$ 7,844
Grants	367,056	50,000	417,056	403,380
In-kind support (Note 6)	199,488		199,488	61,851
Program service fees	50,250		50,250	35,000
Interest and other revenue	1,133		1,133	1,851
Support provided by expiring time and purpose restrictions	145,269	(145,269)		
Total Support and Revenue	781,668	(95,269)	686,399	509,926
Expenses				
Program	547,035		547,035	580,151
Management and general	91,015		91,015	109,043
Fundraising	44,803		44,803	44,191
Total Expenses	682,853	-	682,853	733,385
Change in net assets	98,815	(95,269)	3,546	(223,459)
Net assets, beginning of year	201,762	120,269	322,031	545,490
Net assets, end of year	$ 300,577	$ 25,000	$ 325,577	$ 322,031

See Independent Accountants' Review Report and
Notes to the Financial Statements

ED_016126_00001226-00005

ATMA CONNECT

Statement of Cash Flows
For the Year Ended December 31, 2020
(With Comparative Totals for the Year Ended December 31, 2019)

	2020	2019
Cash flows from operating activities:		
Change in net assets	$ 3,546	$ (223,459)
Adjustments to reconcile change in net assets to cash provided (used) by operating activities		
Change in assets and liabilities:		
Grants receivable	(77,250)	30,000
Contributions and other receivables	-	616
Prepaid expenses and vendor credits	(45,551)	1,662
Accounts payable and accrued expenses	12,291	(6,477)
Net cash provided (used) by operating activities	(106,964)	(197,658)
Cash flows from financing activities:		
Proceeds from Paycheck Protection Program loan	63,900	-
Net cash provided (used) by financing activities	63,900	-
Net change in cash and cash equivalents	(43,064)	(197,658)
Cash and cash equivalents, beginning of year	302,477	500,135
Cash and cash equivalents, end of year	$ 259,413	$ 302,477

See Independent Accountants' Review Report and
Notes to the Financial Statements

ED_016126_00001226-00006

ATMA CONNECT

Statement of Functional Expenses
For the Year Ended December 31, 2020
(With Comparative Totals for the Year Ended December 31, 2019)

	Program	Management and General	Fundraising	Total 2020	Total 2019
Salaries	$ 136,220	$ 17,859	$ 13,462	$ 167,541	$ 293,738
Employee benefits	10,393	1,190	1,069	12,652	14,533
Payroll taxes	11,432	1,435	1,125	13,992	23,909
Total Personnel	158,045	20,484	15,656	194,185	332,180
Professional services	233,147	18,783	28,244	280,174	252,618
Launch events and promotion	17,998	-	-	17,998	27,161
Office expenses	4,561	2,804	310	7,675	5,880
Information technology	34,827	850	450	36,127	21,774
Travel	-	847	-	847	28,833
Conferences and meetings	-	219	-	219	2,016
Interest	-	422	-	422	-
Insurance	-	1,183	-	1,183	1,177
Donated services	98,457	45,104	-	143,561	61,421
Service fees and other expense	-	319	143	462	325
Total Expenses	$ 547,035	$ 91,015	$ 44,803	$ 682,853	$ 733,385

See Independent Accountants' Review Report and
Notes to the Financial Statements

ED_016126_00001226-00007

NOTE 1: NATURE OF ACTIVITIES

Atma Connect (the Organization) is a nonprofit organization started to build resilience in low-income vulnerable communities. Founded in 2014 and based in Oakland, California, we are a nonprofit public benefit technology company that creates solutions to empower users. We envision a world where neighbors help neighbors prepare for disasters, improve access to basic needs, and overcome chronic challenges.

NOTE 2: SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting

The accompanying financial statements have been prepared on the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America (GAAP).

Net Assets

The financial statements report net assets and changes in net assets in two classes that are based upon the existence or absence of restrictions on use that are placed by its donors, as follows:

Net assets without donor restrictions – are resources available to support operations. The only limits on the use of the net assets are the broad limits resulting from the nature of the Organization, the environment in which it operates, the purposes specified in its corporate documents and its application for tax-exempt status, and any limits resulting from contractual agreements with creditors and others that are entered into in the course of its operations.

Net assets with donor restrictions – are resources that are restricted by a donor for use for a particular purpose or in a particular period. Some donor-imposed restrictions are temporary in nature, and the restriction will expire when the resources are used in accordance with the donor's instructions or when the stipulated time has passed. Other donor-imposed restrictions are perpetual in nature; the Organization must continue to use the resources in accordance with the donor's instructions.

When a donor's restriction is satisfied, either by using the resources in the manner specified by the donor or by the passage of time, the expiration of the restriction is reported in the financial statements by reclassifying the net assets from net assets with donor restrictions to net assets without donor restrictions. Net assets restricted for acquisition of building or equipment (or less commonly, the contribution of those net assets directly) are reported as net assets with donor restrictions until the specified asset is placed in service by the Organization, unless the donor provides more specific directions about the period of its use.

Classification of Transactions

All revenues and net gains are reported as increases in net assets without donor restrictions in the statement of activities unless the donor specified the use of the related resources for a particular purpose or in a future period. All expenses and net losses are reported as decreases in net assets without donor restrictions.

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Accounting for Contributions

Contributions, including unconditional promises to give, are recognized when received. All contributions are reported as increases in net assets without donor restrictions unless the contributed assets are specifically restricted by the donor. Amounts received that are restricted by the donor to use in future periods or for specific purposes are reported as increases in net assets with donor restrictions. Unconditional promises with payments due in future years have an implied restriction to be used in the year the payment is due, and therefore are reported as restricted until payment is due, unless the contribution is clearly intended to support activities of the current fiscal year. Conditional promises are not recognized until they become unconditional, that is, until all conditions on which they depend are substantially met.

Program Service Fees

Program service fees consist of consulting services charged for conducting human-centered design interviews and community needs assessment. The Organization recognizes such revenue over time as related performance obligations are satisfied or hourly rates are billed.

Income Taxes

The Internal Revenue Service and the California Franchise Tax Board have determined that the Organization is exempt from federal and state income taxes under IRC 501(c)(3) and California RTC 23701(d). The Organization has evaluated its current tax positions as of December 31, 2020 and is not aware of any significant uncertain tax positions for which a reserve would be necessary. The Organization's tax returns are generally subject to examination by federal and state taxing authorities for three and four years, respectively, after they are filed.

Contributed Services

Contributed services are reflected in the financial statements at the fair value of the services received only if the services (a) create or enhance nonfinancial assets or (b) require specialized skills, are performed by people with those skills, and would otherwise be purchased by the Organization.

Contributions Receivable

Contributions receivable including pledges and grants receivable are unconditional promises to give that are recognized as contributions when the promise is received. Contributions receivable that are expected to be collected in less than one year are reported at net realizable value. Contributions receivable that are expected to be collected in more than one year are recorded at fair value at the date of promise. That fair value is computed using a present value technique applied to anticipated cash flows. The Organization has evaluated the value of the discount and concluded that it was not material for recognition. The Organization considers all contributions receivable to be fully collectible at December 31, 2020. Accordingly, no allowance for doubtful accounts was deemed necessary. If amounts become uncollectible, they are charged to expense in the period in which that determination is made.

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Estimates

The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosures of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Accordingly, actual results could differ from those estimates.

Cash Equivalents

For purposes of the statement of cash flows, the Organization considers all money market funds and other highly liquid investments with original maturities of three months or less when purchased to be cash equivalents. Cash and cash equivalents held in investments accounts for investment purposes, if any, are treated as part of investment balances for purposes of the statement of cash flows.

Fair Value Measurements

Fair value is defined as the exchange price that would be received for an asset or paid to transfer a liability (an exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants on the measurement date. The Organization determines the fair values of its assets and liabilities based on a fair value hierarchy that includes three levels of inputs that may be used to measure fair value.

Level 1 - Quoted prices (unadjusted) in active markets for identical assets or liabilities that the Organization has the ability to access at the measurement date.

Level 2 - Inputs other than quoted market prices that are observable for the asset or liability, either directly or indirectly.

Level 3 - Unobservable inputs for the assets or liability.

The Organization had no assets or liabilities recorded at fair value on December 31, 2020.

Property and Equipment

All acquisitions of property and equipment in excess of $5,000 and all expenditures for repairs and maintenance, renewals, and betterments that materially prolong the useful lives of assets are capitalized. Property and equipment are stated at cost or, if donated, at the approximate fair value at the date of donation. Depreciation is computed using the straight-line method over the estimated useful lives on the property and equipment. Certain software development costs for externally marketed software may be capitalized if the Organization expects to generate revenue through the sale or lease of such software. The Organization accounts for expenditures and contributions to open source software solutions as program expenses when incurred. The Organization had no property and equipment that met this capitalization policy at December 31, 2020.

Expense Recognition and Allocation

The cost of providing the Organization's programs and other activities is summarized on a functional basis in the statement of activities and statement of functional expenses.

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The functional classification of expenses involves grouping natural expense classifications by functions, such as program, administrative, and fundraising activities. Functional classification tells why an expense is incurred. The columns of the Functional Expense Statement used by the Organization are the functional categories while the rows are the natural classification.

Program expenses include all expenses from activities carried out to fulfill the Organization's mission or purpose. The Organization only reports one major program. Fundraising expenses are costs related to activities that involve inducing potential donors to contribute assets, services, or time. Management and general activities relate to the overall direction of the Organization which are not identifiable with any program and fundraising activity but are indispensable to the conduct of those activities and are essential to the Organization.

The Organization accumulates functional expense information based on its service efforts. It uses two methods in determining functions of expenses: (a) direct identification of expenses and (b) percentage allocation.

As much as practical, whenever an expense can be directly identified with a specific function, it will be assigned or charged to that function. This will mean that the expense is coded to that function when the expense is entered into the accounting system.

Percentage allocation is used whenever direct identification is not practical and the expense relates to more than one function. The following steps are done when percentage allocation is used:

1. Identify the natural expense classifications
2. Determine the allocation bases to be used for each identified expense
3. Assemble the required data for each allocation bases
4. Perform the allocation computation

The percentage allocation is computed and documented in the Functional Expense Worksheet. The allocation bases applicable are identified below:

Natural Expense Classification	Allocation Base
Salaries & Benefits	Staff's time allocation
Payroll Taxes	
Rentals	
General Office Supplies and Subscriptions	
Travels, meals and events	
Security and Utilities	

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Changes in Accounting Principles

The Organization adopted *ASU 2014-09 – Revenue from Contracts with Customers (Topic 606)* during the year ended December 31, 2020. This guidance requires an entity to recognize revenue to depict the transfer of promised goods and services to customers in an amount that reflects the consideration to which the entity expects to be entitled in exchange for those goods or services. The adoption of ASU 2014-09 did not result in a material change to timing of when revenue is recognized.

Prior Year Summarized Information

The financial statements include certain prior year summarized comparative information in total but not by net asset class. Such information does not include sufficient detail to constitute a presentation in conformity with GAAP. Accordingly, such information should be read in conjunction with the Organization's financial statements for the year ended December 31, 2019, from which the summarized information was derived.

Reclassifications

Certain accounts in the prior year's summarized information have been reclassified for comparative purposes to conform with the presentation in the current-year financial statements.

NOTE 3: PAYCHECK PROTECTION PROGRAM LOAN

The Organization received a $63,900 paycheck protection program (PPP) loan bearing interest of 1% and maturing May 2022 which it accounts for under FASB 470. Based on the guidance in FASB ASC 405-20-40-1, the proceeds from the loan will remain recorded as a liability until either (1) the loan is, in part or wholly, forgiven and the Organization has been "legally released" or (2) the Organization pays off the loan. As further described in Note 9, this loan has been forgiven subsequent to December 31, 2020.

NOTE 4: CONTINGENCIES

Compliance with Donor Restrictions

Grant awards require the fulfillment of certain conditions as set forth in the provisions of the grants. Failure to fulfill the conditions could result in the return of the funds to the grantors. The Organization deems this contingency remote since by accepting the grants and their terms, it has accommodated the objectives of the Organization to the provisions of the grants. The Organization's management is of the opinion that the Organization has complied with the terms of all grants.

Flexible PTO Policy

The Organization offers staff a flexible PTO policy with no accrual cap, paid time off balance or defined rate of accrual. It is possible that staff will take paid time off after the end of the fiscal year as a result of work performed prior to fiscal year. No reasonable estimate of the potential liability for such time off was available.

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NOTE 5: NET ASSETS WITH DONOR RESTRICTIONS

Net assets with donor restrictions were available as follows as of December 31:

	2020	2019
Puerto Rico projects	$ 25,000	$ -
Future periods	-	120,269
Total	$ 25,000	$ 120,269

NOTE 6: IN-KIND SUPPORT

In-kind support consisted of the following for the years ended December 31:

	2020	2019
Legal counsel	$ 117,561	$ 61,851
Other services	26,000	-
Hosting / software / training	55,927	-
Total	$ 199,488	$ 61,851

Legal Services

The Organization received the benefit of 259 and 118 hours of donated in-kind corporate, licensing, and trademark counsel valued at an average of $454 per hour and $460 per hour during the years ended December 31, 2020 and 2019, respectively.

NOTE 7: CONCENTRATIONS

Revenue and Support

During the year ended December 31, 2020, the Organization received approximately 22% of its revenue and support from one funder. A significant reduction in the level of this support, if this were to occur, may have an effect on the Organization's program and activities.

Concentration of Credit Risk

At times, the Organization may have deposits in excess of federally insured limits. The risk is managed by maintaining all deposits in high quality financial institutions.

NOTE 8: LIQUIDITY AND AVAILABILITY

Financial assets available for general expenditure, that is, without donor or other restrictions limiting their use, within one year of December 31, 2020 are:

Cash and cash equivalents	$ 259,413
Grants receivable	97,250
Total	$ 356,663

As part of the Organization's liquidity management plan, the Organization invests cash in excess of daily requirements in money market funds.

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NOTE 9: SUBSEQUENT EVENTS

The Organization has evaluated subsequent events and has concluded that as of April 26, 2021, the date that the financial statements were available to be issued, there were no significant subsequent events to disclose beyond the following:

Public Health Order – Coronavirus

In March 2020, the WHO classified the COVID-19 outbreak as a pandemic and the Organization and the area it operates in was subject to a public health order related to COVID-19 coronavirus which affected activities of the Organization. The full impact of the COVID-19 outbreak continues to evolve as of the date of this report. As such, it is uncertain as to the full magnitude of the effect that the pandemic will have on the Organization's financial condition, liquidity, and future results of operations. Management is actively monitoring the impact on its financial condition, liquidity, operations and workforce.

PPP Loan

In February 2021 the Organization was notified that the PPP loan it had taken out had been forgiven in full.

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ATMA CONNECT

FINANCIAL STATEMENTS

December 31, 2021

(WITH COMPARATIVE TOTALS AS OF DECEMBER 31, 2020)

CROSBY & KANEDA
Certified Public Accountants
for Nonprofit Organizations

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ATMA CONNECT

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CROSBY & KANEDA

Certified Public Accountants
for Nonprofit Organizations

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Ex. 6 - Personal Privacy (PP)

INDEPENDENT ACCOUNTANTS' REVIEW REPORT

Board of Directors
Atma Connect
Oakland, California

We have reviewed the accompanying financial statements of Atma Connect (the Organization), which comprise the statement of financial position as of December 31, 2021, and the related statements of activities, cash flows and functional expenses for the year then ended, and the related notes to the financial statements. A review includes primarily applying analytical procedures to management's financial data and making inquiries of Organization management. A review is substantially less in scope than an audit, the objective of which is the expression of an opinion regarding the financial statements as a whole. Accordingly, we do not express such an opinion.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement whether due to fraud or error.

Accountants' Responsibility

Our responsibility is to conduct the review engagement in accordance with Statements on Standards for Accounting and Review Services promulgated by the Accounting and Review Services Committee of the American Institute of Certified Public Accountants. Those standards require us to perform procedures to obtain limited assurance as a basis for reporting whether we are aware of any material modifications that should be made to the financial statements for them to be in accordance with accounting principles generally accepted in the United States of America. We believe that the results of our procedures provide a reasonable basis for our conclusion.

Accountants' Conclusion

Based on our review, we are not aware of any material modifications that should be made to the accompanying financial statements in order for them to be in accordance with accounting principles generally accepted in the United States of America.

Report on Summarized Comparative Information

The accompanying summarized comparative information as of and for the year ended December 31, 2020 is derived from financials that were previously reviewed by us and we stated that we were not aware of any material modifications that should be made to those financial statements in order for them to be in conformity with accounting principles generally accepted in the United States of America in our report dated April 26, 2021. We have not performed procedures in connection with that review engagement since that date.

Crosby & Kaneda CPAs LLP

Oakland, California
April 22, 2022

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ATMA CONNECT

Statement of Financial Position
December 31, 2021
(With Comparative Totals as of December 31, 2020)

	2021	2020
Assets		
Assets		
Cash and cash equivalents	$ 289,310	$ 259,413
Accounts receivable	13,248	32,750
Grants receivable	31,206	64,500
Prepaid expenses and vendor credits	40,240	47,942
Total Assets	$ 374,004	$ 404,605
Liabilities and Net Assets		
Liabilities		
Accounts payable and accrued expenses	$ 6,740	$ 15,128
Paycheck Protection Program loan	-	63,900
Total Liabilities	6,740	79,028
Net Assets		
Without donor restrictions	367,264	300,577
With donor restrictions	-	25,000
Total Net Assets	367,264	325,577
Total Liabilities and Net Assets	$ 374,004	$ 404,605

See Independent Accountants' Review Report and
Notes to the Financial Statements

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ATMA CONNECT

Statement of Activities
For the Year Ended December 31, 2021
(With Comparative Totals for the Year Ended December 31, 2020)

	Without Donor Restrictions	With Donor Restrictions	Total 2021	Total 2020
Support and Revenue				
Grants	$ 379,731	$	$ 379,731	$ 417,056
Contributions	26,811		26,811	18,472
In-kind support (Note 6)	10,963		10,963	199,488
Program service fees	107,648		107,648	50,250
Interest and other revenue	879		879	1,133
Paycheck Protection Program (Note 4)	127,800		127,800	-
Support provided by expiring time and purpose restrictions	25,000	(25,000)		
Total Support and Revenue	678,832	(25,000)	653,832	686,399
Expenses				
Program	542,982		542,982	547,035
Management and general	51,968		51,968	91,015
Fundraising	17,195		17,195	44,803
Total Expenses	612,145	-	612,145	682,853
Change in net assets	66,687	(25,000)	41,687	3,546
Net assets, beginning of year	300,577	25,000	325,577	322,031
Net assets, end of year	$ 367,264	$ -	$ 367,264	$ 325,577

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ATMA CONNECT

Statement of Cash Flows
For the Year Ended December 31, 2021
(With Comparative Totals for the Year Ended December 31, 2020)

	2021	2020
Cash flows from operating activities:		
Change in net assets	$ 41,687	$ 3,546
Adjustments to reconcile change in net assets to cash provided (used) by operating activities		
PPP loan forgiveness	(127,800)	-
Change in assets and liabilities:		
Accounts receivable	19,502	-
Grants receivable	33,294	(77,250)
Prepaid expenses and vendor credits	7,702	(45,551)
Accounts payable and accrued expenses	(8,388)	12,291
Net cash provided (used) by operating activities	(34,003)	(106,964)
Cash flows from financing activities:		
Proceeds from Paycheck Protection Program loan	63,900	63,900
Net cash provided (used) by financing activities	63,900	63,900
Net change in cash and cash equivalents	29,897	(43,064)
Cash and cash equivalents, beginning of year	259,413	302,477
Cash and cash equivalents, end of year	$ 289,310	$ 259,413

See Independent Accountants' Review Report and
Notes to the Financial Statements

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ATMA CONNECT

Statement of Functional Expenses
For the Year Ended December 31, 2021
(With Comparative Totals for the Year Ended December 31, 2020)

	Program	Management and General	Fundraising	Total 2021	Total 2020
Salaries	$ 110,783	$ 10,551	$ 10,551	$ 131,885	$ 167,541
Employee benefits	1,253	119	119	1,491	12,652
Payroll taxes	8,880	846	846	10,572	13,992
Total Personnel	120,916	11,516	11,516	143,948	194,185
Professional services	342,007	28,823	5,153	375,983	280,174
Launch events and promotion	37,732	-	-	37,732	17,998
Office expenses	-	1,600	-	1,600	7,675
Information technology	33,041	1,020	255	34,316	36,127
Travel	-	1,005	-	1,005	847
Conferences and meetings	-	535	-	535	219
Interest	-	353	-	353	422
Insurance	-	1,142	-	1,142	1,183
Donated travel and services	7,925	3,038	-	10,963	143,561
Other expense	1,361	2,936	271	4,568	462
Total Expenses	$ 542,982	$ 51,968	$ 17,195	$ 612,145	$ 682,853

See Independent Accountants' Review Report and
Notes to the Financial Statements

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NOTE 1: NATURE OF ACTIVITIES

Atma Connect (the Organization) is a nonprofit organization started to build resilience in low-income vulnerable communities. Founded in 2014 and based in Oakland, California, we are a nonprofit public benefit technology company that creates solutions to empower users. We envision a world where neighbors help neighbors prepare for disasters, improve access to basic needs, and overcome chronic challenges.

NOTE 2: SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting

The accompanying financial statements have been prepared on the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America (GAAP).

Net Assets

The financial statements report net assets and changes in net assets in two classes that are based upon the existence or absence of restrictions on use that are placed by its donors, as follows:

Net assets without donor restrictions – are resources available to support operations. The only limits on the use of the net assets are the broad limits resulting from the nature of the Organization, the environment in which it operates, the purposes specified in its corporate documents and its application for tax-exempt status, and any limits resulting from contractual agreements with creditors and others that are entered into in the course of its operations.

Net assets with donor restrictions – are resources that are restricted by a donor for use for a particular purpose or in a particular period. Some donor-imposed restrictions are temporary in nature, and the restriction will expire when the resources are used in accordance with the donor's instructions or when the stipulated time has passed. Other donor-imposed restrictions are perpetual in nature; the Organization must continue to use the resources in accordance with the donor's instructions.

When a donor's restriction is satisfied, either by using the resources in the manner specified by the donor or by the passage of time, the expiration of the restriction is reported in the financial statements by reclassifying the net assets from net assets with donor restrictions to net assets without donor restrictions. Net assets restricted for acquisition of building or equipment (or less commonly, the contribution of those net assets directly) are reported as net assets with donor restrictions until the specified asset is placed in service by the Organization, unless the donor provides more specific directions about the period of its use.

Accounting for Contributions

Contributions, including unconditional promises to give, are recognized when received. All contributions are reported as increases in net assets without donor restrictions unless the contributed assets are specifically restricted by the donor. Amounts received that are restricted by the donor to use in future periods or for specific purposes are reported as

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increases in net assets with donor restrictions. Unconditional promises with payments due in future years have an implied restriction to be used in the year the payment is due, and therefore are reported as restricted until payment is due, unless the contribution is clearly intended to support activities of the current fiscal year. Conditional promises are not recognized until they become unconditional, that is, until all conditions on which they depend are substantially met.

Accounting for Restrictions Met in the Same Reporting Period

The Organization has elected to treat contributions received with donor restrictions whose restrictions are met within the same reporting period as unrestricted contributions for purposes of the statement of activities. This policy is also applied to investment activity.

Accounting for Revenue

The Organization recognizes revenue as performance obligations are satisfied.

Revenue is recognized over time for cost reimbursement contracts as eligible expenses are incurred if other conditions of the contract are satisfied. Revenue from agreements that include milestones and milestone payments are recognized over time as milestones are reached. Revenue from agreements based on hourly rates are recognized over time as time is expended if the Organization expects it will have an enforceable right to payment for such amounts. Revenue is recognized based on estimated progress towards complete satisfaction of the performance obligation if the Organization can reasonably measure such progress. If the Organization's efforts are expended evenly throughout the performance period the Organization may recognize revenue on a straight-line basis over such a period.

Revenue is recognized at a point in time when goods or services are provided to customers and the Organization is not required to provide additional goods or services or if the above criteria are not met. As a practical expedient the Organization disregards the effects of potential financing components if the period between payment and performance is one year or less.

All revenues and net gains are reported as increases in net assets without donor restrictions in the statement of activities unless related to a donor specified restriction for a particular purpose or future period.

Program Service Fees

Program service fees consist of consulting services charged for conducting human-centered design interviews and community needs assessment. The Organization recognizes such revenue over time as related performance obligations are satisfied or hourly rates are billed.

Income Taxes

The Internal Revenue Service and the California Franchise Tax Board have determined that the Organization is exempt from federal and state income taxes under IRC 501(c)(3) and California RTC 23701(d). The Organization has evaluated its current tax positions as of December 31, 2021 and is not aware of any significant uncertain tax positions for which a reserve would be necessary. The Organization's tax returns are generally subject to

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examination by federal and state taxing authorities for three and four years, respectively, after they are filed.

Contributed Services

Contributed services are reflected in the financial statements at the fair value of the services received only if the services (a) create or enhance nonfinancial assets or (b) require specialized skills, are performed by people with those skills, and would otherwise be purchased by the Organization.

Accounts Receivable

Accounts receivable are primarily unsecured non-interest bearing amounts due from grantors on a cost reimbursement or performance grants. The Organization considers all accounts receivable to be fully collectible at December 31, 2021. Accordingly, no allowance for doubtful accounts was deemed necessary. If amounts become uncollectible, they are charged to expense in the period in which that determination is made.

Contributions Receivable

Contributions receivable including pledges and grants receivable are unconditional promises to give that are recognized as contributions when the promise is received. Contributions receivable that are expected to be collected in less than one year are reported at net realizable value. Contributions receivable that are expected to be collected in more than one year are recorded at fair value at the date of promise. That fair value is computed using a present value technique applied to anticipated cash flows. The Organization has evaluated the value of the discount and concluded that it was not material for recognition. The Organization considers all contributions receivable to be fully collectible at December 31, 2021. Accordingly, no allowance for doubtful accounts was deemed necessary. If amounts become uncollectible, they are charged to expense in the period in which that determination is made.

Estimates

The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosures of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Accordingly, actual results could differ from those estimates.

Cash Equivalents

For purposes of the statement of cash flows, the Organization considers all money market funds and other highly liquid investments with original maturities of three months or less when purchased to be cash equivalents. Cash and cash equivalents held in investments accounts for investment purposes, if any, are treated as part of investment balances for purposes of the statement of cash flows.

Fair Value Measurements

Fair value is defined as the exchange price that would be received for an asset or paid to transfer a liability (an exit price) in the principal or most advantageous market for the asset

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or liability in an orderly transaction between market participants on the measurement date. The Organization determines the fair values of its assets and liabilities based on a fair value hierarchy that includes three levels of inputs that may be used to measure fair value.

Level 1 - Quoted prices (unadjusted) in active markets for identical assets or liabilities that the Organization has the ability to access at the measurement date.

Level 2 - Inputs other than quoted market prices that are observable for the asset or liability, either directly or indirectly.

Level 3 - Unobservable inputs for the assets or liability.

The Organization had no assets or liabilities recorded at fair value on December 31, 2021.

Property and Equipment

All acquisitions of property and equipment in excess of $5,000 and all expenditures for repairs and maintenance, renewals, and betterments that materially prolong the useful lives of assets are capitalized. Property and equipment are stated at cost or, if donated, at the approximate fair value at the date of donation. Depreciation is computed using the straight-line method over the estimated useful lives on the property and equipment. Certain software development costs for externally marketed software may be capitalized if the Organization expects to generate revenue through the sale or lease of such software. The Organization accounts for expenditures and contributions to open source software solutions as program expenses when incurred. The Organization had no property and equipment that met this capitalization policy at December 31, 2021.

Expense Recognition and Allocation

The cost of providing the Organization's programs and other activities is summarized on a functional basis in the statement of activities and statement of functional expenses.

The functional classification of expenses involves grouping natural expense classifications by functions, such as program, administrative, and fundraising activities. Functional classification tells why an expense is incurred. The columns of the Functional Expense Statement used by the Organization are the functional categories while the rows are the natural classification.

Program expenses include all expenses from activities carried out to fulfill the Organization's mission or purpose. The Organization only reports one major program. Fundraising expenses are costs related to activities that involve inducing potential donors to contribute assets, services, or time. Management and general activities relate to the overall direction of the Organization which are not identifiable with any program and fundraising activity but are indispensable to the conduct of those activities and are essential to the Organization.

The Organization accumulates functional expense information based on its service efforts. It uses two methods in determining functions of expenses: (a) direct identification of expenses and (b) percentage allocation.

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As much as practical, whenever an expense can be directly identified with a specific function, it will be assigned or charged to that function. This will mean that the expense is coded to that function when the expense is entered into the accounting system.

Percentage allocation is used whenever direct identification is not practical and the expense relates to more than one function. The following steps are done when percentage allocation is used:

1. Identify the natural expense classifications
2. Determine the allocation bases to be used for each identified expense
3. Assemble the required data for each allocation bases
4. Perform the allocation computation

The percentage allocation is computed and documented in the Functional Expense Worksheet. The allocation bases applicable are identified below:

Natural Expense Classification	Allocation Base
Salaries & Benefits	Staff's time allocation
Payroll Taxes	
Rentals	
General Office Supplies and Subscriptions	
Travels, meals and events	
Security and Utilities	

All expenses and net losses are reported as decreases in net assets without donor restrictions.

Prior Year Summarized Information

The financial statements include certain prior year summarized comparative information in total but not by net asset class. Such information does not include sufficient detail to constitute a presentation in conformity with GAAP. Accordingly, such information should be read in conjunction with the Organization's financial statements for the year ended December 31, 2020, from which the summarized information was derived.

Reclassifications

Certain accounts in the prior year's summarized information have been reclassified for comparative purposes to conform with the presentation in the current-year financial statements.

NOTE 3: CONTINGENCIES

Compliance with Donor Restrictions

Grant awards require the fulfillment of certain conditions as set forth in the provisions of the grants. Failure to fulfill the conditions could result in the return of the funds to the grantors. The Organization deems this contingency remote since by accepting the grants and their terms, it has accommodated the objectives of the Organization to the provisions of the grants. The Organization's management is of the opinion that the Organization has complied with the terms of all grants.

Flexible PTO Policy

The Organization offers staff a flexible PTO policy with no accrual cap, paid time off balance or defined rate of accrual. It is possible that staff will take paid time off after the end of the fiscal year as a result of work performed prior to fiscal year. No reasonable estimate of the potential liability for such time off was available.

PPP Funding

The SBA reserves the right to audit any forgiveness granted, and such audit activity, if any, may result in changes to amounts forgiven or a requirement to return funds received under the program.

NOTE 4: PAYCHECK PROTECTION PROGRAM

The Organization received notice of loan forgiveness for its first and second paycheck protection program (PPP) loans in the combined amount of $127,800 during the year ended December 31, 2021. Based on the guidance in *FASB ASC 405-20-40-1*, the Organization recognizes the revenue from these loans when notified of loan forgiveness.

NOTE 5: NET ASSETS WITH DONOR RESTRICTION

Net assets with donor restriction consisted of $25,000 for specific program purposes as of December 31, 2020.

NOTE 6: IN-KIND SUPPORT

In-kind support consisted of the following for the years ended December 31:

	2021	2020
Legal counsel	$ 7,925	$ 117,561
Other services	3,038	26,000
Hosting / software / training	-	55,927
Total	$ 10,963	$ 199,488

NOTE 7: CONCENTRATIONS

Revenue and Support

During the year ended December 31, 2021, the Organization received approximately 47% of its revenue and support from one funder. A significant reduction in the level of this

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support, if this were to occur, may have an effect on the Organization's program and activities.

Concentration of Credit Risk

At times, the Organization may have deposits in excess of federally insured limits. The risk is managed by maintaining all deposits in high quality financial institutions.

NOTE 8: LIQUIDITY AND AVAILABILITY

Financial assets available for general expenditure, that is, without donor or other restrictions limiting their use, within one year of December 31, 2021 are:

Cash and cash equivalents	$ 289,310
Accounts receivable	13,248
Grants receivable	31,206
Total	$ 333,764

As part of the Organization's liquidity management plan, the Organization invests cash in excess of daily requirements in money market funds.

NOTE 9: SUBSEQUENT EVENTS

The Organization has evaluated subsequent events and has concluded that as of April 22, 2022, the date that the financial statements were available to be issued, there were no significant subsequent events to disclose beyond the following:

Coronavirus

In March 2020, the WHO classified the COVID-19 outbreak as a pandemic. The full impact of the COVID-19 outbreak continues to evolve as of the date of this report. As such, it is uncertain as to the full magnitude of the effect that the pandemic will have on the Organization's financial condition, liquidity, and future results of operations. Management is actively monitoring the impact on its financial condition, liquidity, operations and workforce.

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meena@atmaconnect.org

Award-winning social entrepreneur, Engineer, environmental justice and climate leader building solutions at scale that empower frontline communities to improve health, mitigate pollution, implement climate solutions, and build climate resilience. Founder of a nonprofit social tech organization, Atma Connect, serving over 10 million people, recognized as an Ashoka Fellow and member of the Million Lives Club for social innovations impacting 1M+ people. Tech for Good Award, DFID Amplify Urban Resilience Challenge winner, Climate Braintrust, Global Resilience Innovation Award.

SELECT PUBLICATIONS

Ex. 6 Personal Privacy (PP) 2002. *Neighborhood Knowledge for Change: The West Oakland Environmental Indicators Project.* Pacific Institute, Oakland, California.

Ex. 6 Personal Privacy (PP) 2006. *Paying With Our Health: The Real Cost of Freight Transport in California*. Pacific Institute, Oakland, California.

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP). 2011. *Community-Based Participatory Research and Policy Advocacy to Reduce Diesel Exposure in West Oakland, California.* American Journal of Public Health (AJPH). December 2011

Ex. 6 Personal Privacy (PP) 2011. *Climate Change and Urbanization: Building Resilience in the Urban Water Sector.* ISET (Boulder, Colorado) and Pacific Institute (Oakland, California).

SELECT ARTICLES

Forbes Article; Reuters Article; Fast Company Article; Vanguard Member of the Million Lives Club; Social Media for Social Good Medium; Authority Magazine

PROFESSIONAL EXPERIENCE:

Atma Connect, Oakland CA

Nov 2013-Current *Founder and CEO*

- Atma connects and empowers people at the base of the pyramid. An award-winning nonprofit, we build and deploy technology solutions to help people share actionable information, spread innovation, and build better lives. Meena has led Atma Connect to become a globally recognized technology nonprofit focused on building social connectedness, and helping low income communities and women connect, locally, regionally, and nationally, by sharing information and solutions, taking collective action, and building community resilience. Winner of Tech for Good Award, IDEO Amplify Challenge. AtmaGo has reached over 10,000,000 people in 300 locations. Over 1,000,000 peer-to-peer information exchanges have been made on local issues. An independent

evaluation found that early warnings on AtmaGo saved $106M in economic losses and 6,000+ years of healthy life per year.

Pacific Institute, Oakland, CA

May 2001- *Founder and Director, International Water and Communities Initiative*

March 2013

· OECD Water futures lead author: developed recommendations on the future of water sector infrastructure in OECD countries and Brazil, India, China, Russia.
· Led a multi-organization project, and lead PI for $1.3M USAID project to develop a mobile phone to web based crowd-sourcing platform, WATER SMS, to improve water services for the urban poor, that was piloted in two cities over three years
· Led multi-organization project to assist water managers implement resilience strategies for water insecurity as a result of climate change.
· Lead author of report on water quality solutions globally for UNEP

Nov 2005- *Fulbright Fellowship, Chennai, India*

Feb. 2006

· Hosted a conference on Water Futures

May 2001 *Program Director, Community Strategies for Sustainability and Justice*

Nov. 2005

· Conducted a series of community based participatory research studies with residents on environmental health issues, identified and implemented solutions to improve health.
· Conducted trainings with community based organizations and residents on strategies to use information and data as tools for community change and advocacy.

Environmental Defense Fund, Madison, WI and Washington, DC

Oct. 1995- *Staff Engineer/Outreach Coordinator*

Aug. 1997

· Co-authored the *Environmental Sustainability Kit*, a Tool-kit for activists working to create more sustainable communities.
· Performed pollution prevention audits for automotive assembly plants, identified pollution prevention opportunities in automobile manufacturing industry.

HONORS

Semi-Finalist, Rhodes Scholarship Competition · Ashoka Fellow · Fulbright Indo-American Fellowship · National Science Foundation Fellowship · National Merit Scholar · American Society of Civil Engineers Scholar

EDUCATION

University of California, Berkeley, CA

· M.S. Energy and Resources, May 2000; Doctoral work until May 2001

Northwestern University, Evanston, IL

· B.S. Environmental Engineering, Highest Distinction, June 1994

SELECT PRESENTATIONS

Commonwealth Club of California · World Affairs Forum · SOCAP · ICT4D Conference · Lean Start-Up Conference · Amazon Imagine Conference · Conference of Chinese Mayors

WORK EXPERIENCE

Jul 2020 - Present **Program Manager, Atma Connect,** *San Juan, Puerto Rico*

- Outreach and interview community leaders to identify users who will benefit from our platforms.
- Reconcile data from our communities to express each need for improvements.
- Collect and analyze quantitative and qualitative data, impact stories, photos, videos, and other materials/data that showcase the impact of AtmaGo in Puerto Rico.
- Solely responsible for the company's growth on the island.
- Support the whole cycle of a grant proposal.
- Manage to acquire a 10-million-dollar proposal opportunity for the company's portfolio.
- Create content, market research, and develop publicity marketing plans for AtmaGo.
- Support financial, operations, and HR administration, carry out recruitment and boarding processes, and supervise other workers.

Sep 2018 - May 2020 **Research Assistant, Programa de Experiencias Académicas Formativas (PEAF),** *San Juan P.R*

- Integrate research skills for the formation of a future publishing study for the University of PR.
- Publish the study *The Analysis of Some Directives in Puerto Rican Spanish: 30 Years Later*
- Compare and integrate politeness strategies of Puerto Rican service encounter settings with Dr. Alma Simounet.
- Presenter at the Islands In Between Conference 2019 in Saint Croix.

Jan 2011 - Dec 2018 **Board of Directors & Store Manager**, **Fundación Dr. Francisco López Cruz,** *San Juan P.R*

- Supervise employees and volunteers inside the foundation.
- Responsible for updating the cycle in administrative documentation (Ex. student database, student class lists and class schedule programming).
- Create & enforce a volunteer program inside the foundation, report on project progress, and be aware of opportunities.
- Support in scheduling of activities, staff meetings and briefings & set up business meetings.
- Develop the store's Standard Operating Procedures (SOP).
- Responsible for recruitment, onboarding and offboarding processes.
- Set merchandise prices, and responsible for budgetary responsibilities.

EDUCATION

Graduate Year 2020 **Masters in Linguistics**, *University of Puerto Rico, Río Piedras Campus*

Graduate Year 2014 **Bachelor in Audiovisual Communications**, *University of Puerto Rico, Río Piedras Campus*

VOLUNTEER EXPERIENCE

2022 - present **Asociación Enlace de Asuntos Comunitarios Sabana Seca,** *Aid on social & community development*

2019 - present **Proyecto ENLACE del Caño Martín Peña** and the **G8,** *Aid on social & community development projects*

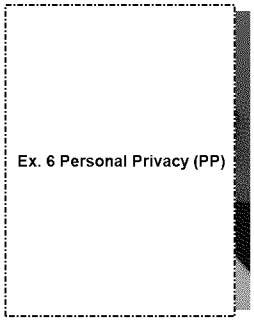
LECTURER EXPERIENCE

Jun 2018 - Nov 2019 **Linguistics Lecturer,** *University of Legon, Accra,* ***Ghana, Africa***

- Present my research findings on the *Relationship between Emotions and Language.*

SKILLS

- Fluent in Spanish, English, and Portuguese languages
- Able to translate and interpret
- Proficient in the use of Microsoft Office programs (Word, Excel, PowerPoint, Access etc)
- Adobe programs (InDesign, Spark, Premiere Rush, Photoshop) & Canva
- Proficient in the use of digital tools such as Google Analytics & Meta Insights
- Expert in writing proposals, reports, essays, and creative texts
- Supervisory Skills & Team Management



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Ex. 6 Personal Privacy (PP)

PROFESSIONAL EXPERIENCE

A seasoned project manager and a recipient of numerous awards for leadership in public-private partnership. As Founder and CEO of the AmTech Center for Collaboration, developed large scale partnerships, including the NASA- industry partnership to develop drones and sensors for monitoring air quality. Acted as Partnership Manager for the $13B Federal program to redesign the air transportation infrastructure. Under her management, AmTech administered $500M of government funding to multi-stakeholder project teams. She is conversant in Spanish.

ATMA CONNECT 2021-Present
Director of Partnerships

ROBBINS CONSULTING 2008-2019
Business Consultant

Providing diverse business insights to mix of clients. *Examples*:

- For Impact Network, advising on strategy and communications
- For Google, Doug Engelbart Institute, and Computer History Museum, acted as project manager of major event (https://thedemoat50.org/symposium/)
- For Social Commenting LLC (internet startup), advised on business strategy
- For Saab-Sensis (defense contractor) advised on business positioning
- For State of California Water Resources Board, drafted Resolution adopted by California legislature regarding use of drones for water conservation.
- For FAA, identified and recruited stakeholders for policy development.

AMTECH CENTER FOR COLLABORATION, SF/Washington D.C. 1989-2008
Co-Founder & CEO

Built and led 10+ person professional team delivering consulting and professional services in support of diverse collaborative projects, networked communities, R&D partnerships, professional associations, and change initiatives. Services encompassed forming and managing alliances, partner recruitment and engagement, knowledge management, financial management, legal and contract management, public relations, and strategy. Emphasis on public-private ventures. Moved $500 million of federal funds to multistakeholder projects.

EDUCATION AND TECHNICAL PROFICIENCY

Education

- UC Berkeley / Certificate, Venture Capital Executive Program, May 2008
- GW University, Washington D.C. / Certificate in Patents and Technical Data, 1988
- University of Santa Clara School of Law, Santa Clara, California / Juris Doctor, May 1983 (*Selected for Law Review and Published)*
- Pomona College, Claremont, California / Bachelor of Arts, May 1979

Professional Certification

Admitted to California Bar, 1983

Selected Publications

-
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Boards Appointments

Board of Advisors, Doug Engelbart Institute	Current
Board of Advisors, OnTrack North America	Current
Board of Advisors, Global Disaster Information Network	2003-2005
Chairperson, Bailes Flamencos Dance Foundation, San Francisco	1994-1996
Commissioner, League of California Cities Human Resources Commission	1973-1975
City of Claremont, Human Resources Commission /Youth Commission	1971-1997

References on Request

SANI-PLANT CO., INC.
Postal Address: PO Box 381, Trujillo Alto, PR 00977
Physical Address: Carr. 876, Km. 1.2, Bo. Las Cuevas, Trujillo Alto, PR
Tel. Ex. 6 - Personal Privacy (PP) / Email: • Ex. 6 - Personal Privacy (PP)

SANI PLANT
SALES & SERVICE OF ENVIRONMENTAL SYSTEMS & EQUIPMENT

March 31, 2023

Mrs. Meena Palaniappan
Atma Connect
meena@atmaconnect.org

Dear Mrs. Palaniappan:

Sani-Plant Co., Inc. is a multi-generational family-owned business. Since 1973, Sani-Plant has been providing solutions in the areas of water, wastewater, and storm water treatment to its municipal, industrial, commercial, and residential customers in Puerto Rico. We work on large municipal or industrial water & wastewater treatment plants as well as systems for small residential onsite systems.

The proposed project from Atma Connect, a community based organization working in Puerto Rico on community led resilience, and their partners, helps address a key unmet need in Puerto Rico to build awareness of water quality issues, engage residents in water quality testing, and improve water quality through helping residents and small water systems identify threats to water quality and implement solutions, including helping people obtain the resources needed to upgrade septic systems.

Sani-Plant Co., Inc. looks forward to collaborating with this team of community organizations and their partners to build awareness and demand for improved water quality, and improved septic system management in Puerto Rico. We will assist in providing technical assistance to community organizations, presenting at schools, and providing low-cost septic system testing and training as part of this project.

Sincerely,

Alberto E. Dávila Fussá
Vice-Presidente
Sani-Plant Co., Inc

SANI - PLANT CO., INC. CORPORATE SEAL 1973 PUERTO RICO

Universidad de Puerto Rico
Recinto Universitario de Mayagüez
Facultad de Ingeniería
Departamento de Ingeniería Civil y Agrimensura

University of Puerto Rico
Mayagüez Campus
College of Engineering
Department of Civil Engineering And Surveying

April 13, 2023

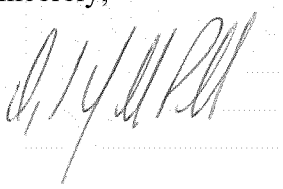
USEPA Reviewers
Environmental Justice Collaborative
Problem-Solving Program

The following letter is to express my intention to collaborate with Atma Connect in the proposed project for the USEPA Collaborative Problem-Solving Program (USEPA CPS). I am a Professor in Environmental and Water Resources Engineering at the University of Puerto Rico, Mayaguez (UPRM). My expertise is on hydrology and water resources, with particular emphasis on contaminant and groundwater hydrology. My current research focuses on impacts of extreme hydrologic events on environmental quality and health. The issue of water quality and contaminants in Puerto Rico has been a significant area of my research.

I believe the proposed project from Atma Connect for the USEPA CPS helps address a need to build awareness and education on water quality issues in Puerto Rico and promote a network of organizations and leaders who can support improvements in water quality on the island. In particular, the proposed work will assist in building awareness towards addressing PFAS pollution in Puerto Rico. If the project is funded, I intent to provide expertise and guidance on water quality issues so they can be shared with local people, organizations, and institutions in Puerto Rico.

Best regards,

Sincerely,



Ingrid Padilla, Ph.D., P.H.
Professor
Department of Civil Engineering and Surveying
University of Puerto Rico,
Mayagüez, PR 00681
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Finca
HIGUACA
Pitahaya, Cabo Rojo

10 de abril de 2011

FROM: FINCA HIGUACA CORP

We are a farm dedicated to providing a space for human connection with nature. Inside our farm we have a garden of ornamental plants specializing in succulents, cacti, and agaves. We also have an outdoor event space. Within our mission since our beginnings, we have had the task to educate and provide environmental solutions seeking to create and bring our grain of environmental justice. This is an assignment that we carry as individuals and as a company. We have done and continue to do this in 3 ways:

1.We have focused in educating on plastic pollution and microplastics on our coasts since 2008 when we started beach clean ups several times every year in our town in Guánica and nearby cities. We are volunteers in a marine debris ongoing study in Guánica and Lajas that seeks to understand the entrances, exits and routes of garbage, seeking to create solutions for its proper management. The study is conducted by Villanova University in collaboration with Protectors de Cuencas and Alelí Environmental, Inc.

2. In 2022 we started a tree conservation project on our farm planting 99 trees for reforestation and conservation. 100 new trees will be planted on June 3 as the second phase of planting of this project. Within this project we have planted native trees, endemic and in danger of extinction.

3. We lend our space at Finca Higuaca to the Caribbean Astronomy Society (SAC) for astronomy nights in dark skies. This monthly free event is an educational event of the SAC on astronomy and the topic of light pollution. This is because our farm is located in Pitahaya Cabo Rojo one of the points of less light pollution in PR.

Recently it has been brought to our attention a project to build awareness of water quality issues that provides environmental education and solutions to our beautiful island of Puerto Rico on this matter. Water quality is a big challenge that human society has resulting in human health problems, poisoned wildlife, and long-term ecosystem damage. For this, it is of our interest the proposed project by Atma Connect, a community-based organization working in Puerto Rico on community led resilience, and their partners. They help address a key unmet need in the island to build awareness of water quality issues, engage residents in septic system testing, and improve water quality through helping residents and small water systems identify threats to water quality

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and implement solutions, including helping people obtain the resources needed to upgrade septic systems.

We look forward to collaborating with this team of community organizations and their partners to build awareness and demand for improved water quality, and improved septic system management in Puerto Rico. Making this important matter part of our personal mission seeking to help provide environmental education, solutions, and justice.

As part of this project, I will connect the team to networks of farmers from the southwest of Puerto Rico, schools, Yauco and Guánica municipalities and community organizations and volunteers so that we can provide trainings and resources to these networks of organizations about water quality through an engaging interactive exhibit, and access to help to apply for grants to help fund these septic system and water quality improvements.

Cordially

Jamie V. Almodóvar

Jamie V. Almodóvar

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Board of Directors Finca Higuaca Corp.



Letter of commitment between

Asociación Enlace Asuntos Comunitarios de Sabana Seca, Semillas de Ezperanza, Inc.

& Atma Connect

EPA EJCPS 2023 Call

We have been working with Atma Connect for the last year on building community resilience in Puerto Rico. We are very interested in collaborating on the proposed Water Quality project from Atma Connect, a community based organization working in Puerto Rico helps address a key unmet need in Puerto Rico to build awareness of water quality issues, engage residents in septic system testing, and improve water quality through helping residents and small water systems identify threats to water quality and implement solutions, including helping people obtain the resources needed to upgrade septic systems.

We look forward to collaborating with this team of community organizations and their partners to build awareness and demand for improved water quality, and improved septic system management in Puerto Rico. **We will assist in providing technical assistance to homeowners and associations, and connecting residents with experts to assist in applying for local and national resources to upgrade septic systems.**

The Asociación Enlace Asuntos Comunitarios de Sabana Seca, Semillas de Esperanza, Inc. is a non-profit community based organization registered in Puerto Rico (hereafter Asociación) is specially interested in participating with Atma in this opportunity, as we want to train their residents to manage their water wastes. They understand that their community faces water contamination problems caused by sub-par discharge water infrastructure since long ago. Houses in Sabana Seca used to drain their dirty water through the ditches that ran behind houses, and some places still have this system. Similarly, Sabana Seca has some sewer systems, but many are not well built, so they are inoperable, making houses rely on septic tanks or ditches.

Intrinsically interested in this project, the Asociación will assume 3 roles in the project:

- Role: Center for Community Re-education and Integration
    - Activities:
        - Hold workshops of home water quality assessments in Toa Baja, Toa Alta, Dorado, and Cataño, potentially expanding to other municipios.
        - Hold activities to insert the community in the participation of improvements to the septic wells and runoff waters in their community. i.e:
            - Science Fairs or school competitions

        - Data Collection
        - Encourage citizens to use available financing and provide guidance (an extension to Atma's Financial & Professional Help For Improving Septic Systems)
    - Provide and/or do reach out to provide locations and events to present the exhibition.
- Role: Testing Center
    - Activities:
        - Collect community data in Toa Baja, Toa Alta, Dorado, and Cataño, potentially expanding to other municipios.
            - Data on Water Quality
            - Septic Tanks
            - Contaminated runoff water
- Role: Connection
    - Activities:
        - Serve as a liaison between Atma and other organizations of interest, such as our partners the Environmental Territorial Board and National University College, that can collaborate or participate in this project.

Sincerely,

Luz I. Ortiz Barrientos

Luz I. Ortiz Barrientos

TITLE Presidente

ATMA CONNECT - SAFE WATER QUALITY NETWORK PUERTO RICO							
BUDGET DETAIL							
	DESCRIPTION						TOTAL
	Position	Narrative Description	Monthly	Months	Effort	Total	
Personnel	Project Manager	Erika Marerro is the Project Manager and will be in charge of implementation of all project activities. 80% time for 24 months at [redacted] per month	Ex. 6 Personal Privacy (PP)				
	Partnerships Director	Karen Risa Robbins in the Partnerships director and will be in charge of engaging and coordinating partners, creating resident and agency partnerships for this project. 12% time for 24 months at [redacted] per month					
	Project Oversight and Compliance	Meena Palaniappan the CEO will ensure Project oversight, ensure deliverables are being met, and financial reporting is being met, and oversee implementation. 10% time for 24 months at [redacted] per month					
	Outreach Coordinator	Outreach Coordinator will manage engagement with local comunities and associations across Puerto Rico with a focus in rural areas.	3,513	20	80%	56,203	
Fringe Benefit		Fringe benefits are 20% of salaries and include payroll taxes, insurance, and benefits			20%	37,616	37,616
	Item		Rate	Times	Mileage	Total	
Travel	Travel to partner meetings, community meetings, events	This will cover mileage reimbursement for staff travel to locations across Puerto Rico to conduct expositions, events, and meetings with partners and communities	0.550	80	80	3,520	5,020
	Accomodations	Accomodations budget will cover staff travel for this project when events require accomodations. This will be below the government approved rate for travel.	150	10		1,500	
	Item		Price	Unit		Total	
Supplies	Laptop computer for field visits	The laptop will be used in field presentations in rural areas in Puerto Rico and community centers.	1,500	1		1,500	5,650
	Presentation screen and projector	The presentation screen and projector will enable the team to conduct water quality events in community centers.	400	1		400	
	Water Quality and Septic System testing kits	The water quality testing kits will be sourced using procurement guidelines and we will train a limited number of homeowners to conduct testing, while ensuring tested data is input into approved agency and academic databases. This is the first step in later projects that will be more focused on citizen monitoring and testing, as the existing home water tests do not sufficiently measure for PFAS and other contaminants.	75	50		3,750	
Contractual	Position		Rate	Month	Effort	Total	
							172,920
	Interactive Water Quality Exhibit Designer	This will be for a contractor who we will work with to design an interactive water quality exhibit that we will work to use as an educational tool in schools, malls, and community centers across Puerto Rico.	2,500	8	100%	20,000	
	Water Quality Educators (2 days per month in schools, malls, and event centers)	This will fund water quality educators who will work to present the water quality exhibit and reach over 2000 people across Puerto Rico in minimum of 10 events.	1,600	20	100%	32,000	
	Interactive website and social media developers	This will be for the design of the water quality knowledge sharing platform	3,500	12	80%	33,600	
	Financial grant management and reporting	This will be for ensuring all contractor and staff compliance with financial reporting requirements	2,500	24	25%	15,000	
	Social Media Manager	This will be for a social media manager to promote content produced to make water quality information accessible	2,000	24	50%	24,000	
	Content creator	This will be for a content creator that will make water quality informaton accessible	2,000	24	50%	24,000	
	Short form video creator	This will be for a video creator that will create and train residents to create videos about water quality	2,000	8	50%	8,000	

	Monitoring and Evaluation and Reporting	This will be for a contractor who will assist during the life of the project to assist with programmatic report writing, and tracking monitoring and evaluation	1,700	24	40%	16,320	
	Item		**Cost**	**Times**	**No.**	**Total**	
Other Direct Cost	Subaward to Asociación Enlace Asuntos Comunitarios de Sabana Seca	Will hold workshops, train residents, and provide liason with other organizations of interest, such as the Environmental Territorial Board and National University College				25,000	**45,258**
	Social Media Product hosting & SAAS (Digital Ocean, Attlasian, Deploybot, Jetbrain, Sentry, Github)	This is for services needed to maintain the website and online activities	302	24		7,258	
	Space rental - malls and event centers for the interactive exhibit	This will be for space rental for the interactive exhibit at malls and communtiy centers	1,000	10		10,000	
	Stipends for workshop attendees	This will be for stipends for attendees for the applying for septic system resources workshop attendees	20	1	100	2,000	
	Citizen journalism training - meals	This will be for meals for the Citizen Journalism trainings	20	1	50	1,000	
Indrect cost	De minimus				10%	45,455	**45,455**
						GRAND TOTAL	**500,001**

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Bronx River Alliance, Inc.

Address: 1 Bronx River Parkway

City: Bronx

State: Ex. 6 Personal Privacy (PP)

Zip Code: 10462-2869

B. Unique Entity Identifier (UEI): MW8CCAHLLTN7

C. Applicant/Recipient Point of Contact

Name: Julia Hitz

Phone: Ex. 6 Personal Privacy (PP)

Email: development@bronxriver.org

Title: Grant Manager

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

None

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☒ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

N/A

VII. Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95) ☒ Yes ☐ No

a. Do the methods of notice accommodate those with impaired vision or hearing? ☒ Yes ☐ No

b. Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications? ☒ Yes ☐ No

c. Does the notice identify a designated civil rights coordinator? ☒ Yes ☐ No

VIII. Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a)) ☐ Yes ☒ No

IX. Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974)) ☒ Yes ☐ No

X. If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.

Yes,
Elena Conte, Interim Executive Director, elena.conte@bronxriver.org
1 Bronx River Parkway
Bronx, NY 10462
Ex. 6 - Personal Privacy (PP)
Fax: Ex. 6 - Personal Privacy (PP)

XI. If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.

Procedures document cannot be attached to this form. It is available upon request.

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Julia A Hitz	Interim Executive Director	04/07/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Mr. First Name: Diogomaye Middle Name:
Last Name: Ndiaye Suffix:
Title: Director of Development and Communications
Complete Address:
Street1: 1 Bronx River Parkway
Street2:
City: Bronx State: NY: New York
Zip / Postal Code: 10462-2869 Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**
E-mail Address: diogomaye.ndiaye@bronxriver.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: Mr. First Name: Daniel Middle Name:
Last Name: Tapia Suffix:
Title: Finance Manager
Complete Address:
Street1: 1 Bronx River Parkway
Street2:
City: Bronx State: NY: New York
Zip / Postal Code: 10462-2869 Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**
E-mail Address: accounting@bronxriver.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: Ms. First Name: Julia Middle Name:
Last Name: Hitz Suffix:
Title: Grant Manager
Complete Address:
Street1: 1 Bronx River Parkway
Street2:
City: Bronx State: NY: New York
Zip / Postal Code: 10462-2869 Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**
E-mail Address: development@bronxriver.org

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** Mr. **First Name:** Christian **Middle Name:**

Last Name: Murphy **Suffix:**

Title: Ecology Coordinator

Complete Address:

Street1: 1 Bronx River Parkway

Street2:

City: Bronx **State:** NY: New York

Zip / Postal Code: 10462-2869 **Country:** USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: christian.murphy@bronxriver.org

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/07/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Bronx River Alliance, Inc

* b. Employer/Taxpayer Identification Number (EIN/TIN): 75-3001587

* c. UEI: MW8CCAHLLTN7

d. Address:

* Street1: 1 Bronx River Parkway
Street2:
* City: Bronx
County/Parish:
* State: NY: New York
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 10462-2869

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Ms.
* First Name: Julia
Middle Name:
* Last Name: Hitz
Suffix:

Title: Grant Manager

Organizational Affiliation: Consultant,Bronx River Alliance

* Telephone Number: Ex. 6 - Personal Privacy (PP)
Fax Number:

* Email: development@bronxriver.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Partnership for Urban Waterways in Bronx and Lower Westchester Counties, New York

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: NY14 | * b. Program/Project: NY14

Attach an additional list of Program/Project Congressional Districts if needed.

1234-List of Congressional Districts.pdf | Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 10/01/2023 | * b. End Date: 09/30/2026

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	500,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Ms. | * First Name: Elena

Middle Name:

* Last Name: Conte

Suffix:

* Title: Interim Executive Director

* Telephone Number: Ex. 6 - Personal Privacy (PP) | Fax Number:

* Email: development@bronxriver.org

* Signature of Authorized Representative: Julia A Hitz | * Date Signed: 04/07/2023

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Partnership for Urban Waterways in Bronx and Lower Westchester Counties, New York

Application
New
2023-04-07
Bronx River Alliance, Inc
75-3001587
MW8CCAHLLTN7
1 Bronx River Parkway
Bronx
NY: New York
10462-2869
USA: UNITED STATES

Ms.
Julia
Hitz

Grant Manager
Consultant,Bronx River Alliance
EX. 6 - Personal Privacy (PP)
development@bronxriver.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Partnership for Urban Waterways in Bronx and Lower Westchester Counties, New York
NY14
NY14
1234-List of Congressional Districts.pdf

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2026-09-30
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500000.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Ms.
Elena
Conte

Interim Executive Director
EX. 6 - Personal Privacy (PP)
development@bronxriver.org
Julia A Hitz
2023-04-07

Mr.
Diogomaye
Ndiaye

Director of Development and Communications
1 Bronx River Parkway
Bronx
NY: New York
10462-2869
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
diogomaye.ndiaye@bronxriver.org

Mr.
Daniel
Tapia

Finance Manager
1 Bronx River Parkway
Bronx
NY: New York
10462-2869
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
accounting@bronxriver.org

Ms.

Julia
Hitz

Grant Manager
1 Bronx River Parkway
Bronx
NY: New York
10462-2869
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
development@bronxriver.org

Mr.
Christian
Murphy

Ecology Coordinator
1 Bronx River Parkway
Bronx
NY: New York
10462-2869
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
christian.murphy@bronxriver.org

1235-EPA EJCPS Project Narrative.pdf
application/pdf
Xcq+8xyrwQtvNsCY9QzSfdzLsqA=

1236-Combined Manditory Attachments.pdf
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1237-501(c)(3) letter (Bronx River Alliance).pdf
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1238-EPA4700 Policies and Procedures.pdf
application/pdf
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Bronx River Alliance, Inc.
1 Bronx River Parkway
Bronx
NY: New York
10462-2869

MW8CCAHLLTN7
Julia Hitz
Ex. 6 Personal Privacy (PP)
development@bronxriver.org
Grant Manager
N: No
None
None
None
N: No
N: No
N/A
Y: Yes
Y: Yes
Y: Yes
Y: Yes
N: No
Y: Yes
Yes,
Elena Conte, Interim Executive Director, elena.conte@bronxriver.org
1 Bronx River Parkway
Bronx, NY 10462
EX. 6 - Personal Privacy (PP)
Fax: EX. 6 - Personal Privacy (PP)
Procedures document cannot be attached to this form. It is available upon request.
Julia A Hitz
Interim Executive Director
2023-04-07

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10% de minimus rate based on $364,987 direct costs
Only the first $25,000 of each of 3 subawards is included in indirect calculation

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2023-04-07T11:48:05.000-04:00
Julia A Hitz
GRANT13852254

DEPARTMENT OF THE TREASURY

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

Date: MAR 2 2 2006

BRONX RIVER ALLIANCE INC
1 BRONX RIVER PKY
BRONX, NY 10462-2869

Employer Identification Number:
75-3001587
DLN:
17053063768016
Contact Person:
EDWINA O PERKINS ID# 31229
Contact Telephone Number:
Ex. 6 Personal Privacy (PP)
Public Charity Status:
170(b)(1)(A)(vi)

Dear Applicant:

Our letter dated July 2002, stated you would be exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code, and you would be treated as a public charity, rather than as a private foundation, during an advance ruling period.

Based on the information you submitted, you are classified as a public charity under the Code section listed in the heading of this letter. Since your exempt status was not under consideration, you continue to be classified as an organization exempt from Federal income tax under section 501(c)(3) of the Code.

Publication 557, Tax-Exempt Status for Your Organization, provides detailed information about your rights and responsibilities as an exempt organization. You may request a copy by calling the toll-free number for forms, Ex. 6 - Personal Privacy (PP) Information is also available on our Internet Web Site at www.irs.gov.

If you have general questions about exempt organizations, please call our toll-free number shown in the heading.

Please keep this letter in your permanent records.

Sincerely yours,

Lois G. Lerner
Director, Exempt Organizations
Rulings and Agreements

Letter 1050 (DO/CG)

EJCPS Budget Detail, Bronx River Alliance, Partnership for Urban Waterways in Bronx and Lower Westchester Counties, New York		
	Description	**Total**
	Personnel salaries are calculated including a 3% cost-of-living increase each year, then averaged over the number of years the person will participate	
Personnel	• Executive Director @ $119,515 annual salary X 5% of time on project = $17,927 for three years • Director of Programs @ $77,273 annual salary X 8% of time on project = $18,545 for three years • Ecology Coordinator @ $58,212 annual salary X 20% of time on project = $34,927 for three years • Ecology Assistant @ $39,151 annual salary X 30% of time on project = $23,491 for two years • Outreach Coordinator @ $58,212 annual salary X 10% of time on project = $11,642 for two years • Volunteer Assistant @ $37,601 annual salary X 10% of time on project = $11,283 for three years • Finance Manager @ $77,273 annual salary X 12% of time on project = $27,818 for three years • Communications Assistant @ $39,151 annual salary X 5% of time on project = $5,873 for three years • Ecology Fellow @ $13,523 annual salary X 100% of time on project = $27,045 for two years	$178,552
Fringe	• Director of Programs 30% of salary (includes medical, dental, life insurance) = $5,564 for three years • Ecology Coordinator 30% of salary (includes medical, dental, life insurance) = $10,478 for three years • Ecology Assistant 30% of salary (includes medical, dental, life insurance) = $7,047 for two years • Outreach Coordinator 30% of salary (includes medical, dental, life insurance) = $3,493 for two years • Volunteer Assistant 30% of salary (includes medical, dental, life insurance) = $3,385 for three years • Finance Manager 30% of salary (includes medical, dental, life insurance) = $8,345 for three years • Communications Assistant 30% of salary (includes medical, dental, life insurance) = $1,762 for three years • EJ Fellow 30% of salary (includes medical, dental, life insurance) = $8,114 for two years	$48,188

Travel	Car rental for sample collection: 24 weeks x $625 per week including gas and insurance = $15,000	$15,000
Equipment		$0
Supplies	• Public Event costs (refreshments, room rental): $1,500 per event X 3 events = $4,500 • Sterile Sample Bottles: $225/ pack X 3 packs = $675 • Sterile Pipettes: $100/ pack X 3 packs = $300 • Quantitrays: $333.33/pack x 6 packs = $1,999.98 • Enterolert: $2,083.33/ pack X 3 packs = $6,249.99 • Nitrile Gloves: $16.67/ pack X 6 packs = $100.02 • Thermometers: $14.58 each X 12 = $174.96 • Liquid pH Test Kits: $18.75 each X 4 = $75	$14,075
Contractual	• Data Visualization consultant: 5 data sheets X $1,800 each = $9,000 • Translation of data sheets into 5 languages: 5 sheets X 5 languages X $125 each = $3,000 • Grant Management consultant: $47.38/ hour @ 3 hours/ week @ 156 weeks = $22,172	$34,172
Construction		$0
Indirect Costs	De Minimus rate of 10% of total project costs (with only the first $25,000 of each subaward included in total): $364,987 X 10% = $36,499	$36,499
Other	• Subaward to **Save the Sound** for QAPP revision and approval, volunteer recruitment and training, lab analysis of water samples, and public outreach = $80,514 • Subaward to **Van Cortlandt Park Alliance** for volunteer recruitment and support and public outreach = $46,500 • Subaward to **Center for the Urban River at Beczak** for volunteer recruitment and support and public outreach = $46,500	$173,514
	Total	$500,000

Bronx River Alliance

EPA EJCPS, Partnership for Urban Waterways in Bronx and Lower Westchester Counties, New York

Logic Model

Resources/ Inputs	Activities	Outputs	Audience	Short-term Outcomes (6 - 12 months)	Intermediate Outcomes (12 - 24 months)	Long-term Outcomes (2+ years)
- Staff time - Volunteers - Partnering Organizations - Lab Facilities - Specialized Consultant expertise	- Updating Save the Sound's existing QAPP to incorporate project activities - Water Quality Monitoring: Pathogen testing, Outfall testing, and eDNA testing, to gather data about regional river water quality - Data analysis and visualization to make the study results usable to the public and officials	- 1 Approved QAPP - 528 samples collected and analyzed each for Pathogen Indicator Bacteria - 24 Outfall samples collected and analyzed for Pathogen Indicator Bacteria - 8 eDNA samples collected and analyzed - 12 Community Science volunteers supporting sampling activities - 5 One-pager information sheets produced in English - 5 One-pager information sheets produced in each additional language: Spanish,	- Community residents - Local partners organizations - General public - Municipal government agencies	- Increase in # of community stakeholders with WQM skills and knowledge (target = 24 community science volunteers) - Increase in regional partnership working toward river water quality goals (target = 5 organizational partners)	- Increase in amount and range of water quality data available for each river	- Increase in community residents knowledgeable about river water quality issues and able to advocate for policies and practices to mitigate problems - Increase in general public awareness about regional river water quality issues - Increase in municipal engagement to

	- Community education and outreach in Yonkers, Mount Vernon and the Bronx to share results and empower stakeholders to advocate for infrastructure and policy improvements - Social media and traditional media outreach to educate and motivate the public	Arabic, Bengali, French, and Portuguese - 3 Watershed-specific public events - 8 Macroinvertebrate Days carried out with public - 310 Stakeholders participate in public events - At least 15 social media posts - At least 1 traditional media article				remediate pollution sources

Save the Sound®
Action for our region's environment.

March 30th, 2023

Environmental Protection Agency [Mail Code 2201A]
Office of Environmental Justice and External Civil Rights
1200 Pennsylvania Avenue, NW
Washington, DC 20460

To whom it may concern:

Save the Sound is pleased to partner with the Bronx River Alliance and other stakeholders on the *Partnership for Urban Waterways in Bronx and Lower Westchester Counties* project. This initiative takes a regional approach to finding solutions for disproportionate pollution in disadvantaged communities by monitoring pathogen indicator bacteria and sources in four rivers (Bronx River, Hutchinson River, Saw Mill River, Tibbetts Creek) and empowering local residents to advocate for policies and actions that will mitigate environmental and health impacts of pollution as climate change intensifies.

The mission of Save the Sound is to protect and improve the land, air, and water of the Long Island Sound and its watershed. We use legal and scientific expertise and bring people together to achieve results that benefit our environment for current and future generations. We have been monitoring the Hutchinson River for fecal indicator bacteria since 2014 and have seen consistently elevated levels of *E. coli* and Enterococci that often exceed the EPA geometric mean for primary contact by ten times or more. We are also currently engaging communities and municipalities throughout the entire Hutchinson River Watershed in a restoration plan; as such we are well positioned to integrate these bacterial sampling efforts with engagement of the community members that live around the Hutchinson River and are most impacted by environmental injustices.

Save the Sound will contribute to this project by providing laboratory services to all of the other partner groups, as well as helping to coordinate the sampling efforts and community outreach events. All fecal indicator bacteria and eDNA samples will be returned to the lab at the conclusion of a sampling session and analyzed by Save the Sound staff and an external contracted lab for the final eDNA processing steps. We will be working closely with project partners to coordinate monitoring activities in the Hutchinson River including station selection, sampling protocols, and the training and recruitment of volunteers. Save the Sound will also engage in outreach activities with local community groups including sampling trips in the field, youth-driven community events, and identifying advocacy opportunities.

I am happy to confirm Save the Sound's participation as a project partner and encourage the EPA Office of Environmental Justice and External Civil Rights to support this effort to work in collaboration with environmental justice communities across the Bronx and lower Westchester County.

Best regards,



Sam Marquand
Clean Water Advocate
Save the Sound
Email: smarquand@savethesound.org

SARAH LAWRENCE COLLEGE

CENTER FOR THE URBAN RIVER AT BECZAK

March 29, 2023

Environmental Protection Agency [Mail Code 2201A]
Office of Environmental Justice and External Civil Rights
1200 Pennsylvania Avenue, NW
Washington, DC 20460

To whom it may concern:

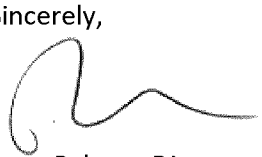
The Sarah Lawrence College Center for the Urban River at Beczak (CURB) is pleased to partner with the Bronx River Alliance and other stakeholders on the *Partnership for Urban Waterways in Bronx and Lower Westchester Counties* project. This initiative takes a regional approach to finding solutions for disproportionate pollution in disadvantaged communities by monitoring pathogens in four rivers (Bronx River, Hutchinson River, Saw Mill River, Tibbetts Brook) and empowering local residents to advocate for policies and actions that will mitigate environmental and health impacts of pollution as climate change intensifies.

CURB is and education, research, and community center located on the Hudson River in downtown Yonkers. We have been monitoring the Hudson and Saw Mill River for fecal indicator bacteria for 8 years, finding alarmingly high levels in both. For many sites in the Saw Mill the geometric mean is over 10 times the EPA limit for contact recreation. Next door to CURB there is a CSO outfall that routinely discharges 1-3m gallons in even a moderate rain event. Clearly our community at CURB, which includes over 3,000 visitors a year from school children to retirees, are impacted by poor water quality.

CURB will partner with this project by working with our project partners to coordinate the monitoring activities in the Saw Mill River including site selection, sampling protocols, and training and recruitment of volunteers. We will also engage in the projects various outreach activities such as creating education materials, social media outreach, and community outreach events. Resources CURB brings to the table include our staff's ample water quality monitoring experience and education and outreach expertise, and our center as a potential outreach event venue.

Again, I am happy to confirm our participation as a project partner and hope that the EPA Office of Environmental Justice and External Civil Rights will support this effort to work in collaboration with environmental justice communities across the Bronx and lower Westchester County.

Sincerely,



Ryan Palmer, Director

35 ALEXANDER STREET, YONKERS, NY 10701 | Ex. 6 - Personal Privacy (PP) | CENTERFORTHEURBANRIVER.ORG

van cortlandt park alliance

April 3, 2023

Environmental Protection Agency [Mail Code 2201A]
Office of Environmental Justice and External Civil Rights
1200 Pennsylvania Avenue, NW
Washington, DC 20460

To whom it may concern:

Van Cortlandt Park Alliance (VCPA) is pleased to partner with the Bronx River Alliance and other stakeholders on the *Partnership for Urban Waterways in Bronx and Lower Westchester Counties* project. This initiative takes a regional approach to finding solutions for disproportionate pollution in disadvantaged communities by monitoring pathogens in four rivers (Bronx River, Hutchinson River, Saw Mill River, Tibbetts Brook) and empowering local residents to advocate for policies and actions that will mitigate environmental and health impacts of pollution as climate change intensifies.

Van Cortlandt Park Alliance's mission is to preserve, support, and promote the recreational, ecological, and historical value of Van Cortlandt Park. Since 2016, VCPA has been dedicated to monitoring, maintaining and improving Tibbetts Brook which flows through Van Cortlandt Park. After 20+ years of advocacy, we are thrilled that the southern end of Tibbetts Brook will be daylit in the near future. **The Daylighting of Tibbetts Brook is New York City's largest Green Infrastructure project to date.** If granted, the proposed EPA-funded project will help ensure that water quality is still healthy enough to safely flow into the Harlem River once daylighting is complete.

For this project, VCPA will be responsible for: introducing the Ecology Fellow to Tibbetts Brook by providing an initial informational tour, background information, and previous data to determine the best sample locations, participate in regular project meetings, recruit volunteers to assist Ecology Fellow, host MacroInvertebrate Days that will be open to the general public in Van Cortlandt Park, promote this project and share the data collected with the local community via community events, e-blasts, and social media posts, and provide a final report to BxRA detailing participation of staff and community in project activities.

Again, I am happy to confirm our participation as a project partner and hope that the EPA Office of Environmental Justice and External Civil Rights will support this effort to work in collaboration with environmental justice communities across the Bronx and lower Westchester County.

Sincerely,

Christina A Taylor

Christina Taylor
Deputy Director

80 Van Cortlandt Park South, Ste. E1 • Bronx, NY 10463 • TEL Ex. 6 - Personal Privacy (PP) • www.vancortlandt.org

United States Department of the Interior

U. S. GEOLOGICAL SURVEY

New York Water Science Center
425 Jordan Road
Troy, New York 12180
Ex. 6 Personal Privacy (PP) fax Ex. 6 - Personal Privacy (PP)

April 3, 2023

Environmental Protection Agency [Mail Code 2201A]
Office of Environmental Justice and External Civil Rights
1200 Pennsylvania Avenue, NW
Washington, DC 20460

To whom it May Concern:

The United States Geologic Survey is pleased to partner with the Bronx River Alliance and other stakeholders on the Partnership for Urban Waterways in Bronx and Lower Westchester Counties project. This initiative takes a regional approach to finding solutions for disproportionate pollution in disadvantaged communities by monitoring pathogens in four rivers (Bronx River, Hutchinson River, Saw Mill River, Tibbetts Brook) and empowering local residents to advocate for policies and actions that will mitigate environmental and health impacts of pollution as climate change intensifies.

USGS believes that water information is fundamental to national and local economic well-being, protection of life and property, and effective management of the Nation's water resources. USGS has long been the lead partner on the Bronx and Harlem River project of the Federal Urban Waters Partnership, and therefore has a long-standing relationship with the Bronx River Alliance on water quality monitoring.

USGS will partner on this project by providing technical assistance and training; participating in education and outreach events; and sharing relevant data that we have collected to aid this water quality community science effort.

USGS is happy to confirm our participation as a project partner and hope that the EPA Office of Environmental Justice and External Civil Rights will support this effort to work in collaboration with environmental justice communities across the Bronx.

Sincerely,

Jennifer L. Graham, PhD
Chief, Integrated Water Research Branch
New York Water Science Center,
U.S. Geological Survey

NYC Environmental Protection

Rohit T. Aggarwala
Commissioner

Angela Licata
Deputy Commissioner
Sustainability

59-17 Junction Blvd.
Flushing, NY 11373

Tel. Ex. 6 - Personal Privacy (PP)
alicata@dep.nyc.gov

April 3, 2023

Environmental Protection Agency [Mail Code 2201A]
Office of Environmental Justice and External Civil Rights
1200 Pennsylvania Avenue, NW
Washington, DC 20460

Re: Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

To Whom It May Concern:

The New York City Department of Environmental Protection (DEP) is pleased to partner with the Bronx River Alliance and other stakeholders on the Partnership for Urban Waterways in Bronx and Lower Westchester Counties project. This initiative takes a regional approach to finding solutions for disproportionate pollution in disadvantaged communities by monitoring pathogens in four rivers (Bronx River, Hutchinson River, Saw Mill River, Tibbetts Brook) and empowering local residents to advocate for policies and actions that will mitigate environmental and health impacts of pollution as climate change intensifies.

The mission of DEP is to enrich the environment and protect public health for all New Yorkers by providing high quality drinking water, managing wastewater and stormwater, and reducing air, noise, and hazardous materials pollution. DEP will partner on this project by providing information on the location of NYC stormwater infrastructure assets including MS4 outfalls to assist with this community monitoring project.

DEP is happy to confirm our participation as a project partner and hope that the EPA Office of Environmental Justice and External Civil Rights will support this effort to work in collaboration with environmental justice communities across the Bronx.

Sincerely,

Pinar Balci Digitally signed by Pinar Balci Date: 2023.04.03 16:34:03 -04'00'

Pinar Balci
Assistant Commissioner

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New York, NY 10025
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EDUCATION

Hunter College May 2017
B.A. in Environmental Studies with a concentration in Earth science
Thesis: Using Electron Spin Resonance dating of coral reefs to measure and constrain sea level rise
GPA: 3.842, Dean's list September 2013 – January 2017
Departmental Honors May 2017

RELEVANT EXPERIENCE

Ecology Coordinator September 2019 – Present
Bronx River Alliance Bronx, NY

- Managed research programs on the Bronx River monitoring fecal bacteria, microplastics and floatable waste, nutrients and common water quality parameters, and air quality.
- Recruited, trained, and managed students and volunteers to collect water quality data on the Bronx River.
- Performed field collection and laboratory analyses of river samples and entered and managed datasets.
- Coordinated and facilitated public meetings disseminating Bronx River ecology information to various public, city, state, and federal stakeholders throughout the year.
- Participated in various local, regional, and national coalitions to support and advocate for the advancement of environmental protections for the Bronx River, urban parks and green spaces, and EJ communities.
- Led public events and programs to engage the local community in the research and stewardship of the Bronx River watershed.
- Organized and managed grant deliverables, tracked grant budgets, and coordinated with contractors.
- Wrote grant proposal narratives and grant reports.
- Helped write an EPA-approved Quality Assurance Project Plan.
- Hired, trained, and supervised high school and undergraduate interns to assist with ecology-related projects.
- Designed graphics for fliers and informational one-pagers and social media posts.
- Gave presentations at academic institutions and regional and national conventions and symposiums.
- Taught middle and high school students in classroom and field settings.

GS5 Ecology Intern April 2019 – August 2019
Bureau of Land Management Grand Junction, CO

- Collected field data for longitudinal demographic studies of rare and sensitive plant species.
- Collected environmental DNA (eDNA) samples, amphibian swab samples, and used visual encounter and call surveys to collect data for the Colorado Bullfrog Project.
- Helped organize and lead data collection surveys for the Western yellow-billed cuckoo.
- Entered, organized, and managed data for several ecological surveys and projects.
- Used ArcGIS to create maps and enter data.
- Helped lead an educational outreach program for middle school students by teaching them local ethnobotany.
- Wrote botanical and ecological reports for sensitive plant and animal species.
- Received and utilized Proper Functioning Condition (PFC) training to evaluate the health of riparian habitats.
- Received and utilized Terrestrial AIM training to collect and submit data on rangeland health
- Received and utilized 4x4 training to operate government vehicles on challenging terrain.
- Received UTV training and certification.

Conservation Crew Apprentice April 2018 – December 2018
Bronx River Alliance Bronx, NY

- Performed ecological restoration along the Bronx River corridor by removing trash and invasive species and planting native trees and shrubs.
- Maintained the Bronx River Alliance plant nursery.
- Assisted in leading field assignments and volunteer group events and projects.
- Operated NYC Parks Department vehicles for transportation of people and equipment.
- Operated and maintained power tools including hedge trimmers, weed whackers, and chainsaws.
- Operated and maintained wood chippers for the removal of woody debris.
- Collected and organized raw data on waterborne waste in the river.
- Assisted in hosting canoeing events on the river.
- Worked in all weather conditions.

ADDITIONAL EXPERIENCE

Lab Technician July 2016 – September 2017
RFK Science Research Institute Williamstown, MA

- Operated ESR spectrometer, x-ray irradiator, performed data entry, and analyzed data.
- Prepared scientific samples, and cleaned and prepared instruments.
- Assisted in the supervision of high school students performing lab activities.

Research Assistant July 2016 – August 2016
McMaster Nuclear Reactor Hamilton, ON

- Assisted in the irradiating of fossil samples for fossil dating and research.
- Managed and catalogued hundreds of aliquots.
- Performed data entry.

SKILLS: Proficient in Microsoft Office • Ecological field work • Plant and animal identification • Visual art • Power tool use and maintenance • UTV driving certified • 4x4 driving certified • Terrestrial AIM training• PFC training • ACA canoe/kayak certified • Knowledge of QGIS and ArcGIS software functionality

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Ex. 6 Personal Privacy (PP) Old Greenwich, CT 06870 • Ex. 6 - Personal Privacy (PP) • Ex. 6 - Personal Privacy (PP)

EDUCATION

Master of Science, Environmental Science and Management, Sacred Heart University **Spring 2016**

- *Relevant Coursework:* Wetland Delineation; GIS for Environmental Analysis; Hydrology; Field Methods; Environmental Sampling; Soils & Land Management; Environmental Statistics
- *Final Project:* Enterococci Densities across Western Long Island Sound Shoreline and Tributary Sites: Prioritizing Sites for Remediation

Bachelor of Arts, Environmental Studies, University of California Santa Barbara **Winter 2008**

- *Relevant Coursework:* Ecosystem Processes; Biogeography; Environmental Planning; Ecology; Calculus, Environmental Education

WORK AND COMMUNITY EXPERIENCE

Director of Water Quality – Save the Sound, Mamaroneck, NY **2020 – Present**
Manager of Water Quality – Save the Sound, Mamaroneck, NY **2015 – 2020**

- Set up and oversee Save the Sound's Water Quality Program laboratory and field sampling.
- Hire, train, and manage water quality staff.
- Oversee and train the Western Long Island Sound Citizen Science Corps.
- Maintain all water quality instruments in the Western Long Island Sound Office.
- Aggregate and analyze data for the Long Island Sound Report Card.
- Developed the *Unified Water Study,* a Long Island Sound embayment ecological health study for community sampling groups. Includes bringing together stakeholders for input, writing standard operating procedures, recruiting sampling groups, and training groups on field procedures.
- Develop and execute an annual $750,000 in federal funds to run the *Unified Water Study*. Includes over $400,000 a year in lab and monitoring group contracting.
- Manage and oversee sampling and pollution patrolling from Save the Sound's water quality vessels.
- Conduct track down sampling following up on field observations and concerned citizen reports.
- Present Water Quality Program initiatives and findings at meetings, conferences, and press releases.
- Construct budgets and written materials for grant and funding request/reporting.
- Mentor numerous regional High School and Graduate students as part of their respective projects.

Treasurer, Greenwich World Hunger Association **2019 – Present**

- Maintain fiscal records including database management, banking operations, and tax document preparations.
- Review and vote on grant submissions for projects that provide funds to increase food supply in communities around the world with a focus on self-sustaining initiatives.

Member, Town of Greenwich Inland Wetlands and Watercourses Agency **2016 – Present**

- Appointed by Town Selectmen and voted into the position by the Representative Town Meeting.
- Review wetland permits submitted to the Town of Greenwich.
- Comment, question, and vote on the approval or disapproval of wetland permits at monthly public meetings at Town Hall.

Chairman, Village of Mamaroneck Marine Education Center Advisory Committee **2015 – Present**

- Appointed by Mayor and Village of Mamaroneck Board of Trustees.
- Organize subcommittees and develop objectives. Lead the Education Program Subcommittee.
- Provided input on 2016 Marine Education Center renovation. This included planning for future exhibitions, educational programs, and largely expanded habitat-specific aquariums.

Board of Directors, Director of Environmental Education, Friends of Greenwich Point **2012 – 2019**

- Designed and implemented a wide range of environmental education programming.
- Located collaborators and guest speakers to enhance educational offerings of Friends of Greenwich Point.

Manager of School and Community Partnerships – Bruce Museum, Greenwich, CT **2014 – 2015**

- Created and expanded partnerships between the museum and local schools and community organizations.
- Obtained funding for school partnerships through grants and other opportunities.
- Developed educational programming that complemented CT and NY State curriculum.
- Ensured school curricula connections between all Museum programming and mandated standards.
- Developed Educator Guides focused on science exhibitions.
- Customized and developed long-term educational initiatives with regional schools.

Manager of Seaside Center – Bruce Museum Seaside Center, Greenwich Point, CT **2011 – 2014**

- Collaborated with Town and local organizations to renovate and outfit the new location for the Center.
- Oversaw the maintenance, acquisitions and installation of the large marine aquariums housed in the Center.
- Managed on-site summer Naturalists for the operation of the Center.
- Oversaw all of the Bruce Museum's educational programming at the Center focused on Long Island Sound.
- Mentored Greenwich school students' research projects related to Long Island Sound.

Manager of Outreach Education – Bruce Museum, Greenwich, CT **2010 – 2014**

- Oversaw the Bruce Museum's Outreach Education Programs for school and adult groups. Managed Bruce Museum Outreach Instructors. Included the hiring, training, scheduling, and payment of staff.
- Developed educational programming that complements and supports CT and NY curriculum.
- Curator of the exhibition *Extreme Habitats: Into the Deep Sea*, April 2014 – November 2014.
- Co-curator of the exhibition *Lure of the Ocean: The Art of Stanley Meltzoff*, February 2013 – June 2013.
- Co-curator of the exhibition *Extreme Habitats: Living Desert Dry*, August 2012 – March 2013.
- Managed the Museum's Jr. Educator Program. Responsibilities included recruiting, training, scheduling, and mentoring High School Educators who lead programs at the Museum.

Educator – The Maritime Aquarium, South Norwalk, CT **2009 – 2010**

- Instructed a wide range of lessons with a central focus on Long Island Sound Ecology.
- Worked as crew on the Maritime Aquarium's research and education vessel, the RV Oceanic.

Seaside Center Naturalist – Bruce Museum, Greenwich, CT **Summer 2009**

- Managed the daily operations of the Bruce Museum Seaside Center located on Greenwich Point. Set up large saltwater aquariums. Kept detailed records and led educational programs for all ages.

SKILLS

Certified CPR & First Aid • Boat Operation • Sonde Deployment • Microsoft Suite, ArcGIS, R, SPSS • Extensive Environmental Field & Lab Experience

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Environmental Professional

Accomplished leader with 16 years' experience in non-profit management and board development, strategic partnership development, forging regional alliances, grant writing and fundraising, watershed planning, policy and education, water quality monitoring, community organizing, and with focus and expertise with urban environments and Environmental Justice.

RELEVANT PROFESSIONAL EXPERIENCE

Director, Center for the Urban River at Beczak, Sarah Lawrence College, Yonkers, NY 2013 – Present

- Director of a 4,000 ft^2 environmental education and research center located on the Hudson River focused on urban watershed and Hudson River issues.
- Manage a $400,000 annual budget, full time staff of three, and seasonal paid interns.
- Primary fundraiser raising over $1,800,000 in grants and major donors over last 8 years.
- Manage the facility including overseeing $200,000 in renovations including construction of a wet lab used for water quality monitoring.
- Manage our 2-acre park site including our "Sustainable Shorelines" designated restored tidal marsh.
- Develop, implement, and assess program initiatives utilizing shared leadership model with staff.
- Develop and cultivate strategic regional partnerships with key organizations and stakeholders.

Director, Green Cities Initiative, Clearwater, Inc., Beacon, NY 2013 – 2013

- Directed a regional urban revitalization initiative focused on proactively addressing environmental issues in Hudson River cities, improving quality of life for residents, and promoting sustainable economic development.

Project Coordinator, Green Cities Initiative, Clearwater, Inc., Beacon, NY 2011 – 2012

- Coordinated all programs and developed partnerships in Poughkeepsie, NY including planning, outreach, and education programs with the Fall Kill Watershed Committee.

Energy Conservation Consultant, Energy Management Solutions, LLC, Suffern, NY 2010 - 2012

- Led business development and consultations for energy efficiency and renewable energy firm specializing in NYSERDA programs for commercial properties in Metro NY.

Environmental Associate, Clearwater, Inc., Poughkeepsie, NY 2004 - 2007

- Coordinated environmental advocacy programs to protect the Hudson River; managed all aspects of the development of The Hudson River Watershed Alliance.

Project Assistant, Lyme Disease Ecology Study, Institute of Ecosystem Studies, Millbrook, NY 2003 - 2003

- Conducted extensive ecological assessment of study areas including bird and mammal surveys, vegetation surveys, and tick collection for analysis for Lyme Disease.

PROFESSIONAL AFFILIATIONS

Board Member, Hudson River Watershed Alliance 2013 – Present

- Vice President 2017-2018, President 2019 -2022

Co-Chair, Westchester County Climate Crisis Task Force Water Committee 2019 – Present

Mayoral-Appointed Member, Yonkers Green City Advisory Committee 2014 – Present

Founder and Member, Lower Hudson Partnership 2016 – Present

FORMAL EDUCATION

B.S., University of Rhode Island, Kingston, RI (2002) — Major: Environmental Science
Minor: Philosophy — *Honors Program* — *GPA 3.5*

RELEVANT TRAINING

Center for Watershed Protection Watershed Institute
NYS GIS Training for Watershed Coordinators
Hudson Basin River Watch Stream Water Quality
PACE Law School Land Use Leadership Alliance
Hudsonia, Ltd. Biodiversity Assessment Training
NYS DEC PEERS and WAVE Sampling Training

SELECTON OF ARTICLES AND PUBLICATIONS

Ex. 6 Personal Privacy (PP) "The Fall Kill Plan" (2012).
http://www.clearwater.org/pdf/FALLKILLREPORT_Optimized.pdf

Ex. 6 Personal Privacy (PP) "Three River of Yonkers, A Curriculum for 4th and 5th Grades" (2016).
http://www.centerfortheurbanriver.org/education/teachers/3RiversCurriculum.pdf

River Network; "Lower Hudson Urban Waters Collaborative: Strengthening Stewardship through Partnerships and Community Science" (2018).
https://urbanwaterslearningnetwork.org/resources/lower-hudson-urban-waters-collaborative-strengthening-stewardship-partnerships-community-science-2018/

SELECTION OF FUNDRAISING EFFORTS

Westchester Community Foundation — $155,000
- Five grants 2017-2022 for water quality monitoring and Youth Advisory Council

NYS DEC Office of Environmental Justice — $200,000
- Two grants 2019 -2022 for High School student training, water quality monitoring, and qPCR fecal contamination source tracking.

NYS DEC Hudson River Estuary Program — $208,000
- Five grants 2016-2022 for curriculum development, teacher training, watershed planning, and a green infrastructure demonstration design project.

City of Yonkers Community Development Block Grant Program — $62,000
- Eight program grants 2014 – 2021 for community education and engagement projects.

City of Yonkers Community Development Block Grant Program — $120,000
- Six facility grants 2014 – 2021 for upgrades including lab construction and equipment, HVAC system, IT and AV upgrades, and research and education supplies.

Con Edison — $73,500
- Eight grants 2014 – 2021 for community education and engagement projects.

Thomas and Agnes Carvel Foundation — $72,500
- Eight grants 2014 – 2021 for community education and engagement projects.

Total Major Donor Contributions — $418,500
- Six gifts from three donors for general operating support and capital projects.

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OCCUPATIONAL EXPERIENCE:

Van Cortlandt Park Alliance, Inc. - Bronx, NY

Deputy Director April 2019 to Present

- Oversee the planning, implementation and evaluation of the organization's programs and services
- Ensure that the programs and services offered by the organization contribute to the organization's mission and reflect the priorities of the Board
- Monitor the day-to-day delivery of the programs and services of the organization to maintain or improve quality
- Develop and maintain relationships with community entities surrounding and using park
- Assist with fundraising planning and implementation, including identifying resource requirements, researching funding sources, establishing strategies to approach funders, submitting proposals and reports and administrating fundraising records and documentation.
- Perform and oversee the required daily accounting functions
- Present board with accurate reports of organization's finances and programmatic needs

Friends of Van Cortlandt Park, Inc. - Bronx, NY

Executive Director March 2007- April 2019

- Oversee the planning, implementation and evaluation of the organization's programs and services
- Ensure that the programs and services offered by the organization contribute to the organization's mission and reflect the priorities of the Board
- Monitor the day-to-day delivery of the programs and services of the organization to maintain or improve quality
- Develop and maintain relationships with community entities surrounding and using park
- Meet and consult with parks administrator regarding various Van Cortlandt Park issues
- Oversee fundraising planning and implementation, including identifying resource requirements, researching funding sources, establishing strategies to approach funders, submitting proposals and reports and administrating fundraising records and documentation.
- Perform and oversee the required daily accounting functions
- Present board with accurate reports of organization's finances, fundraising and programmatic needs
- Recommend yearly budget for Board approval and prudently manages organization's resources within those budget guidelines.
- Composed organization's quarterly newsletter, *Many Hands* and maintain website, www.vancortlandt.org for organization

Interim Executive Director November 2006- March 2007

- Performed above duties while still working as Education/Outreach Coordinator

Education/Outreach Coordinator September 2000- November 2006

- Increased programming from 2 programs to 7 different environmental education based programs.
- Increased annual program participants from under 100 to over 2,400 in the first five years.

- Coordinated and directed two internship programs for local middle and high school students that focus on environmental education
- Developed and administered teacher workshops to increase the educational use of the park
- Organized volunteer and special events within the park
- Developed and administered school programs focusing on environmental awareness

NYC Department of Parks and Recreation, North Manhattan, NY
Urban Park Ranger March 2000- Sept. 2000

- Lead nature and history tours in various parks of North Manhattan for both school groups and the public. Prepared curriculum for school programs
- Patrolled parks in all five boroughs
- Performed animal rescues when necessary
- Staffed nature center and organized educational activities for children

EDUCATIONAL EXPERIENCE:

Certificate in Nonprofit Management June 2016
Manhattanville College School of Business
Community Resources Exchange: Fundraising Institute December 2007
Bachelor of Science in Environmental and Forest Biology May 1999
SUNY College of Environmental Science and Forestry, Syracuse, NY
Magnum Cum Laude

ASSOCIATIONS

Bronx Coalition for Parks and Greenspace Co-Chair
Bronx Council for Environmental Quality Board Member

• **Project Title:** Partnership for Urban Waterways in Bronx and Lower Westchester Counties, New York
• **Project Location:** The project incorporates Bronx County and southern Westchester County, New York, including Yonkers and Mount Vernon
• **Applicant Information:** Bronx River Alliance, Inc., 1 Bronx River Parkway, Bronx, NY 10462
Contact: Julia Hitz, Grant Manager, development@bronxriver.org, Ex. 6 - Personal Privacy (PP)

• **Description of Applicant Organization:** The Bronx River Alliance serves as a coordinated voice for the river, working in harmonious partnership to protect, improve and restore the Bronx River corridor so that it may be a healthy ecological, recreational, educational, and economic resource for the communities through which the river flows. BxRA has become a national model for urban open space development by engaging the community in cleaning up the polluted river, restoring wildlife and habitats, creating miles of greenway and parks and drawing thousands of people to paddle the river each year. The Alliance meets its goals through the work of five interconnected programs: Ecology, Education, Greenway, Outreach, and Recreation.

• **Are you applying for the Small CBO Set Aside Track for $150,000 projects**? No

• **Project Abstract:** The main objective of the project is to work in partnership to gather information about water quality in four rivers (Bronx River, Hutchinson River, Saw Mill River, Tibbetts Brook) in the Bronx/Westchester County, New York region, all environmental justice communities, and empower local residents to use the data to promote remediation of infrastructure and policies to improve water quality and quality of life. The project will enable hiring an Urban Waterways Environmental Justice Fellow recruited from local communities who will work with local stakeholders to carry out pathogen water quality monitoring, additional monitoring of high polluting outfalls identified through the project, and eDNA testing. Data revealing the environmental health of these waterways for people and wildlife will be analyzed and visualized to be accessible and useful to the public. Public education and outreach including community-based macroinvertebrate studies and public events will take place with stakeholders in each community to discuss solutions to regional water quality issues.

• **Environmental Issue** – Water Pollution
• **Project Type(s)** -- monitoring, public education
• **Special Considerations:** The project addresses Climate Change/Disaster Resiliency

•**List of Project Partners** --
Bronx River Alliance, Inc (BxRA), CBO
Save the Sound (StS), CBO
Van Cortlandt Park Alliance (VCPA), CBO
Sarah Lawrence College Center for the Urban River at Beczak (CURB), Education
USGS New York Water Science Center, Government
NYC Department of Environmental Protection, Government

•**Will you need to develop a QAPP for your project?** Yes

b.Environmental and Public Health information of the UnderservedCommunity
This project benefits the underserved communities in the Bronx and Westchester County by empowering local residents to advocate for actions and policies that reduce water pollution. Project activities take a regional approach, taking place both in Westchester and Bronx Counties, benefitting underserved communities in both areas. Much of the pollution enters the waterways in more affluent communities upstream, and has historically negatively impacted the EJ communities downstream.

The project seeks to address the issue of water quality in four of the region's rivers (Saw Mill River, Hutchinson River, Tibbetts Brook, and Bronx River). Water quality indicators for these rivers show that they are not safe for human contact such as swimming and wading. With increased flooding risks as a result of climate change, the human populations will be increasingly exposed to river water, including floodwaters in their communities or even in their own homes. This project will generate data that can be used by municipal authorities to address illicit dumping and infrastructure deficiencies that contribute to poor water quality.

The Bronx: According to the EPA EJSCREEN tool, many communities in the Bronx are within the 70 - 100th percentile for national unemployment rate, while much of the Bronx is in the 90-100th percentile on exposure to Wastewater Discharge. Much of the Bronx ranks in the 80 - 100th percentile in the Demographic Index, with most of the population between 80 - 100th percentile for people of color, 80 - 100th percentile for limited English speakers, and 80 - 100th percentile for having Asthma. Along the Bronx River, communities are between 80 - 100th percentile for percentage of properties at risk for flooding due to climate change, with 95 - 100th percentile around Tibbetts Brook, and 95 - 100th percentile along the Hutchinson River.

According to the CDC, 1,427,317 people reside in Bronx County. The average household income is $41,470, and 24.4% of residents live below the poverty line. 43.5% of residents are classified as Black, and 45.6% as White, with 55% of the population being Hispanic.

In contrast, in Westchester County as a whole, population 969,296, the average household income is $101,741. That 7.6% of the population still lives below the poverty line is an indication of pockets of underserved communities, such as Yonkers and Mount Vernon.

Yonkers, Westchester County: Much of the city is in the 80 - 100th national percentile for unemployment rate. Yonkers falls between the 70 - 90th percentiles for exposure to Wastewater Discharge. The city is in the 80 - 100th percentile on the Demographic Index, the 80 - 100th percentile for people of color, 80 - 100th percentile for limited English speakers, and the 60 - 95th percentile for having Asthma. Communities along the Saw Mill River in Yonkers are in the 90 - 100th percentile for percentage of properties at risk for flooding due to climate change.

According to the Center for the Urban River at Beczak, students enrolled in Yonkers Public Schools are approximately 20% white and 80% people of color (62% latinx, 16% black, 5% Asian, 2% multiracial). A distressing 78% of these students are considered economically

disadvantaged. City-wide at least 15% of families live below the poverty level. The Saw Mill does not have any Combined Sewer Overflows (CSO's), but it has dozens of miles of massive sewer trunk lines running beside it, which are prone to leaks. In Westchester County, 65% of all sewage runs along these trunk lines and ends up at the Yonkers Joint Wastewater Treatment Plant. This environmental justice issue not only adversely affects the people of Yonkers, but everyone who wishes to enjoy a clean and healthy Saw Mill River.

Mount Vernon, Westchester County: Much of Mount Vernon is in the 70 - 95th national percentile for the unemployment rate, and falls between the 50 - 90th percentiles for exposure to Wastewater Discharge. The city is in the 70 - 100th percentile on the Demographic Index, between 70 - 100th percentile for people of color, 70 - 90th percentile for limited English speakers, and 90 -100th percentile for having Asthma. It is in the 80 - 100th percentile for percentage of properties with high flood risk along the Hutchinson River, and properties along the Bronx River in Yonkers are in the 60 - 90th percentile.

Environmental Health Results: The underserved communities along these rivers will benefit from improved river water quality as a result of the project. Environmental and public health impacts of exposure to contaminated river water through recreation or flooding events will be reduced.

Other Factors - Climate and Disaster Resiliency

Climate change is expected to result in an increased number of heavy and extreme wet weather events. Wet weather events have already been seen to lead to flooding in the communities benefited by this project, including devastating flooding on our local waterways from Hurricane Ida in September of 2021. Unfortunately, these types of storms are expected to worsen, increasing the need for resiliency to flooding disasters. The project seeks to mitigate the water quality impacts of flooding by improving the understanding of regional water quality indicators, identifying sewage outfall locations, and helping authorities to act to mitigate infrastructure and pollution problems. With better information and targeted action, the effects of climate change and flooding disasters can be addressed before the environmental and public health impacts worsen.

The Bronx River Alliance is currently developing an Intermunicipal Watershed Management Plan that will incorporate climate change considerations into plans for environmental projects all along the Bronx River. Likewise, Save the Sound is also working on a Watershed Plan for the Hutchinson River.

Water quality data being collected by the partners is being used for the Westchester County Sewer Consolidation Study, which will help the County overhaul the sewer system, helping to improve infrastructure and increase resiliency of the conveyance system and treatment plants. Reducing inflow and infiltration into the system will reduce CSO's and also reduce energy consumption and Greenhouse Gas emissions at the plants from not treating rainwater.

This project will provide data supporting these and other efforts to increase resiliency to climate change and flooding.

c.Organization's Historical Connection to Underserved Community

The Bronx River Alliance (BxRA) grew out of a legacy of community activism for the river. In 2001, a band of passionate community leaders joined together to realize their vision of a Bronx River as a force for environmental reclamation and community development in the heart of the Bronx. BxRA serves as a coordinated voice for the river, working in harmonious partnership to protect, improve and restore the Bronx River corridor so that it may be a healthy ecological, recreational, educational, and economic resource for the communities through which the river flows. BxRA has become a national model for urban open space development by sustaining community leadership with partnerships with local non-profits, a Team structure incorporating local residents and organizational leaders, and bylaws that state that "the Nominating/Governance Committee will consider, among other factors, the importance of having Directors who live or work in environmental justice communities along the Bronx River." The Alliance has made intentional efforts to cultivate a board and staff that represent the diversity of the watershed, particularly its EJ communities; as of March 2023, Alliance staff are 82% made up of Black, Indigenous, and People of Color (BIPOC), with a leadership team that is 60% BIPOC. Likewise the Alliance board is 57% BIPOC with a leadership team that is 40% BIPOC.

The Bronx River was once clean enough to be considered for the city's water supply. However, over the course of a century, it was degraded by residential and industrial pollution to the point of being declared an "open sewer." Several generations have launched restoration efforts for the river, but until the 1970's they largely ignored the lower river, particularly in the South Bronx. What resulted was a river of stark contrasts. In fact, it still flows through very affluent towns in Westchester County into urban communities with some of the lowest incomes in America. Cleaning the river is an environmental justice issue, as pollution aggregates as it flows into the South Bronx, where low-income BIPOC communities suffer under many layers of environmental injustices.

The Alliance's work is participatory in nature, and over 22,000 volunteers have devoted almost 127,000 hours to restoring and enjoying the river, and dozens of local organizations have incorporated river restoration into their work. The Alliance has helped create 26 acres of new parkland and 5 miles of greenway trails near the river. Over 136,000 native plants have been planted as 114 acres of invasive species have been removed, restoring the native ecology. BxRA has engaged community scientist volunteers in water quality monitoring programming for more than seven years (see full description of current efforts to address water pollution issues in Section 4.0 a.), and has been collecting water quality data for twenty years.

The Bronx River Alliance incorporates the community into planning its work and goal setting by recruiting many Board members locally, hiring local staff, and consulting with Ecology, Greenway, and Foodway Teams made up of stakeholders such as residents and representatives from organizations and agencies working in the Bronx. This project was

developed in consultation with our partner organizations, who are also embedded in their local communities. In addition, the Alliance has discussed the project plan and goals with the Ecology Team and elicited feedback representing a wide range of stakeholders.

d. EJCPS Model

1) Issue Identification, Community Vision, and Strategic Goal Setting

The project builds upon the leadership of the partner organizations in their respective communities and their years of experience conducting community science-based water quality monitoring such as that undertaken by this project. For example, BxRA and CURB are part of the Lower Hudson Urban Waters Collaborative, which was formed with the support of an EPA Urban Waters Small Grant. Through this collaboration, member organizations share experiences and combine data resources with the goal of strengthening stewardship and community science capacity. Together with Riverkeeper, CURB and BxRA also held an event in 2019 which elicited feedback and ideas from water quality monitoring volunteers about how to utilize data to take action toward solutions to water quality issues.

The Bronx River Alliance develops its goals through community engagement processes such as quarterly meetings of its Ecology Team, made up of residents and stakeholder organizations. The Alliance is currently engaged in a participatory process in Bronx and Westchester Counties to update the 2010 Intermunicipal Watershed Management Plan, identifying key environmental concerns including water quality and flooding. BxRA is holding three public input meetings this spring about community priorities and is also circulating a digital survey in multiple languages.

Save the Sound's work in environmental justice communities is intentionally collaborative – working to bridge communities and leverage resources to support the leadership of those most impacted by poor environmental quality. StS listens to concerns and needs and develops a holistic approach that can work towards improving water quality while also addressing community needs.

In this project, community groups will play a particularly important role in designing the Education and Outreach activities, beginning from the start of the project and culminating in public activities to encourage advocacy for infrastructure remediation and policy change.

2) Community Capacity Building & Leadership Development

The project builds on long-term community efforts to improve water quality in the respective rivers. Each partner prioritizes the engagement of local residents in volunteer opportunities and community science training including water quality monitoring, and promotes community action to advocate for environmental improvements. The Bronx River Alliance has an existing volunteer and community science program focused around water quality monitoring that can support this initiative.

The project will provide training to local volunteers and hire Urban Justice Fellows from local EJ communities. It will build public trust in the data by incorporating community science participation and providing opportunities to share and discuss the results of the study. It will host

public meetings to engage and nurture leadership of community members, including sharing technical knowledge and providing education around water quality issues with the goal of promoting environmental justice. BxRA EELS Interns (Environmental Enhancement and Leadership for Students), a local youth development project, will use the data as part of their research into environmental issues along the Bronx River.

3) Consensus Building & Dispute Resolution
And 4)Multi-Stakeholder Partnerships & Leveraging of Resources

Each of the partner organizations has been involved in the design and development of the current project through weekly meetings and ongoing email consultations. While some of the partners have worked together before, this is an opportunity for each group to strengthen relationships with the others to pursue a unified regional goal. The partners have discussed and negotiated the strategies and activities of the project to develop a common vision, goals, and objectives. The partners are unified in approving a clear and workable plan to carry out the project and address the environmental issues of shared concern. Each partner is sharing their individual resources to strengthen the project, such as the use of Save the Sound's lab and already approved QAPP to ensure the technical quality of the monitoring data. The agreed-upon organizational structure of the project relies on the Bronx River Alliance's role in administering the grant and managing project activities in regular communication with the partners.

The partners are adept at reaching out to a range of stakeholders to address the issues identified by this project. The Bronx River Alliance utilizes a public/private partnership model in working with NYC Parks Department and has developed collaborations with over 100 local groups. Van Cortlandt Park Alliance (VCPA) built a Coalition for Daylighting Tibbetts Brook, comprising local environmental groups, individual community members, and elected officials who worked together for 20+ years to advocate for daylighting to divert millions of gallons of clean water away from NYC's sewer system. The resulting joint project led by NYC Parks and Department of Environmental Protection is now underway and is the largest Green Infrastructure project New York City has ever undertaken.

5)Constructive Engagement by Relevant Stakeholders

Project partners will engage civil organization stakeholders to participate in the education and outreach activities. The project will identify municipal agencies that can support the efforts of the community to address water quality issues in each watershed. Project participants will be encouraged to engage with governmental representatives to promote infrastructure repairs and policy changes.

In the past, when Van Cortlandt Park Alliance conducted water quality monitoring along Tibbetts Brook within Yonkers, they encountered sightings and readings that gave cause for concern. VCPA brought these to the attention of the City of Yonkers who worked quickly to discover and correct illegal discharges, ultimately improving the water quality for the community.

Similarly, BxRa and CURB have been in close communication with Westchester County municipalities to remediate illicit discharges and broken infrastructure with demonstrated success.

6) Sound Management & Implementation
As detailed in this proposal, the project has clear outcome measures that will contribute to tangible improvements in water quality conditions in the affected communities. Project partner commitments are clearly defined. All activity plans and timelines are clearly defined. The strengths of each partner organization are leveraged to support project outcomes.

7) Evaluation, Lessons Learned & Replication of Best Practices
Project progress will be evaluated in monthly meetings during the monitoring periods. During these evaluations lessons learned will be incorporated to improve outcomes, utilizing a culture of learning in our work. Sample collection and analysis and community participation success measures are clearly defined. Social media and traditional media outreach will share the results of the project. A logic model (attached) was developed as a template for the project plan.

StS's youth engagement work centers around open discussion (and sometimes surveys) with the participants at the end of a given season to help inform how projects could be improved in future iterations. For example, post-program surveys in their 2020 Mount Vernon youth engagement work helped inform, and ultimately change, programmatic methods for 2022 & 2023 field seasons.

e. Project Linkages Briefly describe how the project supports EPA Strategic Plan Goal 2, Objectives 2.1 and 2.2:
The proposed project will provide capacity-building resources to the local communities through educational outreach sharing information about the quality of water in regional rivers, the sources of pollution and agencies responsible for infrastructure improvement and pollution reduction. Local EJ communities can utilize this information to effect changes to reduce environmental impacts of pollution.

The project incorporates environmental justice by focusing on pollution originating in more affluent communities that flows downstream to environmental justice communities. Residents of the EJ communities will be empowered to seek redress and advocate for actions that will improve environmental impacts that disproportionately affect them and will continue to affect them more as the pace of climate change accelerates. This project will provide the steps of an advocacy campaign and a structure to continue it into the future. This first-time partnership formed of four EJ waterways coming together in common cause about water quality is in itself a tangible outcome that will form the basis for future action.

The project reduces the river water quality disparities between more affluent communities and the EJ communities impacted by downstream pollution flows. The project promotes community driven and meaningful involvement in addressing water pollution environmental justice concerns. The project incorporates translation of outreach materials into the main non-English

language group, Spanish, and also four other languages used locally, such as Arabic, Bengali, French, and Portuguese.

f. Partner and Collaborate

The proposed project includes three community-based environmental organizations, one educational institution, and two government agencies. This mix ensures the integration of regional community stakeholders with the technical expertise needed to meet project objectives successfully.

Partners

Bronx River Alliance, Inc. (BxRA) is a Community Based Organization (CBO) which serves as a coordinated voice for the river, working in harmonious partnership to protect, improve and restore the Bronx River corridor so that it may be a healthy ecological, recreational, educational, and economic resource for the communities through which the river flows. Stakeholders include community residents, especially those living in EJ communities along the river in Bronx and Westchester Counties, as well as NYC Parks and other organizations and agencies working to restore and improve the environment along the river as part of overall community development.

In this project BxRA will carry out the administration of the contract with EPA, participate in regular project meetings, supervise the EJ Fellow, volunteers and other staff who will organize and carry out the water quality sample collection, analyze data, supervise outreach material production, and, in collaboration with partners, execute public outreach activities and events. BxRA brings to the project professional staff for the administration of the grant, over twenty years of experience in water quality monitoring and outreach, and extensive relationships with community stakeholders.

The project represents an important part of the organization's mission by improving water quality of the Bronx River in partnership with other regional entities.

Save the Sound (StS): Save the Sound is a CBO that protects and improves the land, air, and water of Connecticut and Long Island Sound. They use legal and scientific expertise and bring people together to achieve results that benefit our environment for current and future generations. Among other things, StS promotes water quality improvements for the Hutchinson River, which runs through Westchester County through Scarsdale, Eastchester, Mount Vernon, New Rochelle, Pelham, and the Bronx before it empties into the Sound at Eastchester Bay. In this project, StS will incorporate project activities into its current QAPP, recruit volunteers to support sample collection, train Fellows and volunteers in QAPP sampling protocols, participate in regular project meetings, analyze the water quality samples for pathogens, carry out macroinvertebrate sampling, participate in public education and outreach events, promote public awareness through social media, and provide a final report to BxRA detailing participation of staff and community in project activities. StS brings technical expertise and Environmental Laboratory Accreditation Program-qualified lab facilities to the project, as well as experience working with local stakeholders in the Hutchinson River watershed.

Save the Sound has ongoing interest in data collected in the Long Island Sound watershed. The data can help advocate for improvements in the neighborhoods that need it most.

Van Cortlandt Park Alliance (VCPA): The Van Cortlandt Park Alliance, a CBO, preserves, supports, and promotes the recreational, ecological, and historical value of Van Cortlandt Park in the northern Bronx. VCPA has conducted water quality monitoring and has worked to improve Tibbetts Brook and its associated wetlands since 2016. VCPA is currently developing a project to daylight the covered Tibbetts Brook, a body of water that flows from Yonkers into the Bronx in Van Cortlandt Park. Tibbetts Brook is added into the NYC sewer system unnecessarily, so VCPA and other stakeholders are advocating for it to be removed from the sewer system and "daylighted."

For this project, VCPA will be responsible for: introducing the Ecology Fellow to Tibbetts Brook by providing an initial informational tour, background information, and previous data to determine the best sample locations, participate in regular project meetings, recruit volunteers to assist Ecology Fellow, host MacroInvertebrate Days that will be open to the general public in Van Cortlandt Park, promote this project and share the data collected with the local community via community events, e-blasts, and social media posts, and and provide a final report to BxRA detailing participation of staff and community in project activities. VCPA brings working knowledge and experience to this project, along with a connection to the local community.

In addition to promoting community involvement, the proposed project will provide data about Tibbetts Brook water quality that will support the daylighting process.

Center for the Urban River at Beczak, Sarah Lawrence College (CURB): An Education institution, CURB was launched June 2013 as an alliance of Sarah Lawrence College and the Beczak Environmental Education Center. The mission of CURB is to advance environmental knowledge and stewardship by providing high quality K-12 environmental education for the local community, establishing a regional hub for research and monitoring focused on Hudson River estuary and urban watershed issues, and serving as a welcoming open community space for a variety of civic and cultural activities. Since 2015 CURB has been monitoring and conducting research on sewage contamination in the Saw Mill River, a tributary of the Hudson River in southern Westchester County, with a host of partners and community scientist volunteers. For this project, CURB will participate in regular project meetings, engage in recruitment of volunteers to support the Fellow at sampling, carry out Macroinvertebrate study days, work with local organizations to plan public education events, provide stakeholder organizing and training with the Saw Mill River community through public events, develop outreach and education materials with partners, and and provide a final report to BxRA detailing participation of staff and community in project activities. CURB brings extensive subject matter expertise to the project, as well as deeply embedded relationships with local stakeholders.

Through this project, CURB supports its mission by highlighting key issues facing water quality in Hudson River tributaries and leading the regional conversation on how to fix them.

USGS New York Water Science Center (NYWSC): A government agency, the New York Water Science Center provides the hydrologic observations, research, and modeling needed for full integration of hydrogeologic, physiochemical, biological, and landscape processes across the freshwater to marine continuum. The NYWSC studies the effects of weather, climate, and man-made influences on groundwater levels, streamflow, and reservoir and lake levels as well as the ecological health of rivers, lakes, reservoirs, watersheds, estuaries, and fish and wildlife. In this project NYWSC will provide technical training to project staff and volunteers and participate in the public education and outreach activities. They bring technical expertise that will enrich the quality of educational outreach activities.

The agency's Interest in the project includes building collaborative partnerships among regional organizations and being able to reach a broad range of public stakeholders to raise awareness about New York water issues.

NYC Department of Environmental Protection (DEP): A government agency, the DEP manages wastewater and stormwater for the city. For this project it will provide information on the location of NYC stormwater infrastructure assets including MS4 outfalls. DEP brings deep knowledge of the existing infrastructure to the project and will support outreach to agencies responsible for implementing infrastructure improvements.

Subawards: Partner subawards to the CBO and Education organizations include compensation for staff time spent on the project over three years as well as costs for watershed outreach activities, and will not result in net profit for any partner. Subawards will be paid in three installments, at the end of each sampling period and after project completion upon receipt of required reporting. Bronx River Alliance has grant management and financial management systems in place to comply with all applicable EPA requirements.

2.0 Project Activities / Milestone Schedule / Detailed

QAPP

Activities:

- Save the Sound will add the project sampling locations for pathogen indicator bacteria and eDNA to their existing EPA approved QAPP and submit the additions for approval, negating the need to develop a separate QAPP for the proposed project.
- QAPP expansion steps include: addition of new pathogen indicator bacteria stations, developing the eDNA sampling standard operating procedure and filling in all data quality objectives associated with this sampling, and listing of the eDNA laboratory with all supporting material.

Objectives:

- All water quality sampling and analyses will be included under an EPA approved QAPP.
- All project water quality data will meet acceptance criteria set forth by the EPA and New York State Department of Environmental Conservation.

Outcomes (metrics): Project QAPP approved by EPA

Pathogen Indicator Bacteria Sampling

Activities:

- Partners will recruit 3 to 4 community volunteers to support the EJ Fellow in sample collection. (Supported by BxRA Volunteer Assistant)
- Save the Sound will train the EJ Fellows and volunteers on QAPP-approved sampling procedures.
- The BxRA Ecology Assistant will drive the project rental car to facilitate transportation of the EJ Fellow (a seasonal employee) and volunteers as needed to the sample sites.
- Water samples will be gathered by EJ Fellow and volunteers:
  - **Bronx River (sampling sites in Westchester County) - 5 samples/ week for 24 weeks over 2 years**
    - The Bronx River, approximately 24 miles long, flows through southeast New York in the United States and drains an area of 38.4 square miles. The river forms the border between the large cities of Yonkers and Mount Vernon, and flows into the northern end of The Bronx, where it divides East Bronx from West Bronx, southward through Bronx Park, New York Botanical Garden, and the Bronx Zoo and continues through neighborhoods of the South Bronx.
  - **Hutchinson River (sampling sites in Bronx County)- 5 samples/ week for 24 weeks over 2 years**
    - The Hutchinson River is a freshwater stream located in the Bronx and Southern Westchester, New York. The river forms in Scarsdale at Brookline Road and flows 10 miles south until it empties into Eastchester Bay in the Bronx.
  - **Tibbetts Brook (sampling sites in Bronx County and Westchester County) - 6 samples/ week for 24 weeks over 2 years**
    - Tibbetts Brook is a 4-mile waterway that begins in Yonkers, flowing into the Bronx where it runs into the New York City sewer system at an opening within Van Cortlandt Park. From there, the water goes into New York City's combined sewer system on Broadway. The project would take place inside Van Cortlandt Park in the Bronx and in Yonkers, where water testing will occur at multiple sites along the brook.
  - **Saw Mill River (sampling sites in Westchester County) - 6 samples/ week for 24 weeks over 2 years**
    - The Saw Mill River is a 23.5-mile tributary of the Hudson River in Westchester County, New York. It flows into Yonkers, where it empties into the Hudson as that river's southernmost tributary. It is the only major stream in southern Westchester County to drain into the Hudson instead of Long Island Sound. It drains an area of 26.5 square miles, most of it heavily developed suburbia.
- All samples will be transported by car to the laboratory at Save the Sound in Larchmont, NY
- Samples will be analyzed for:
  - Pathogen Indicator Bacteria - Enterococci in brackish waters and *E.coli*, and Total Coliforms in freshwater.
- Quality-assured data will be provided to BxRA EJ Fellow for management and analysis

Objectives: To generate water pollution data for comparison along each river and between rivers on a regional level.
Outcomes (metrics):

- 528 pathogen samples collected and analyzed
- 24 community science volunteers trained and assisting with sample collection over 2 years

Outfall Sampling
Activities:

- Based on preliminary Pathogen Sampling data, an average of three storm sewer or combined sewer outfalls on each river will be identified for additional sampling each year (precise locations will depend on need indicated by data).
- Effluent samples will be collected by the EJ Fellow and volunteers at outfalls with active discharge, testing for pathogen indicator bacteria and eDNA when elevated levels are detected.
    - River water samples collected as per QAPP and analyzed at the Save the Sound laboratory for Enterococci.

Objectives: To generate water pollution data to identify outfall pipes with an illicit discharge for remediation.
Outcomes (metrics): 24 outfall samples collected and analyzed

eDNA Sampling
Activities: A subset of pathogen indicator samples where persistent levels exist, seasonal stations, or where deemed necessary on outfall samples will be analyzed for eDNA. Samples will be collected at the same time as pathogen indicator bacteria samples.

- Samples will be analyzed for:
    - eDNA results will include quantification, or nondetect, of a human marker in the water sample. Samples can be collected in fresh or brackish water for this analysis.This type of sampling will only be taken at sites confirmed to have elevated pathogen indicator bacteria to maximize source tracking objective.

Objectives: To confirm whether the origin of pathogen indicator bacteria in water samples is human or non-human and quantify the human marker when present in a sample.
Outcomes (metrics): 8 environmental DNA samples will be collected and analyzed throughout the project cycle.

Data Analysis/ Visualization
Activities:

- Data entry and spreadsheet management by EJ Fellow during sampling periods
- Data Quality Assurance/Quality Control carried out by Ecology Coordinator to check for errors with data entry
- Graphing the spatial distribution of bacterial concentrations and elevated levels of other pollutants along each of the 4 rivers in the study areas
- Data is designed and published as one one-pager for each waterway and one region-wide data sheet by graphic design consultant, including local agency contact information

- One-pagers translated into Spanish

Objectives: Data visualization reveals contaminant levels and sewage/wastewater effluent hotspots along each of the four rivers.

Outcomes (metrics):

- 4 English language one-pagers produced detailing the monitoring results and identifying priority areas for restoration along each of the four rivers based on the project results, and 1 presenting region-wide results.
- 25 translated-pagers (5 languages total)
- Actionable information on steps that need to be taken to restrict/eliminate point sources of pollution included. Watershed residents are encouraged to use the information to call elected officials and agency representatives (contact info listed for each jurisdiction) and demand infrastructure repairs.

Education/ Outreach/ Advocacy

Activities:

- Data will be uploaded to EPA's Water Quality Portal
- Data is additionally made publicly available on water quality websites owned by partners
- Partners work with community groups to develop project educational activities beginning early in the grant period and culminating in the public events (BxRA Community Outreach Coordinator)
- Partners work with local stakeholder groups to help with distribution of one-pagers and outreach to increase meeting attendance
- Three youth-friendly public meetings held in Yonkers, Mount Vernon, and the Bronx with respective watershed residents to raise awareness and encourage attendees to petition agency representatives for action to mitigate pollution in each river
- Social media outreach/campaigns to increase public awareness of the pollution issues and advertise public meetings and call to action
- Promote project and results to mainstream media outlets through press release and outreach

Objectives: An outreach campaign that galvanizes watershed residents to advocate with municipalities to make wastewater infrastructure repairs and adhere to the Clean Water Act.

Outcomes (metrics):

- 3 Community organizations incorporated into outreach event planning
- 3 public meetings with a goal of 50 attendees per meeting (total 150)
- Each partner organization makes at least 3 social media posts (15 posts total).
- At least 1 article published in mainstream media

Macroinvertebrate Days

Activities:

- (Activities will not be included in the QAPP, rather be considered community engagement and education)
- Each waterway-based project partner will organize and carry out one macroinvertebrate study event per river per year, inviting stakeholder participation

- With volunteers from the community, kick nets/leaf packs will be used to sample for macroinvertebrates at sites that provide the most suitable habitat for a diverse array of species. Volunteers wade into each river with staff, collect macroinvertebrates from the water, and identify and count each type of organism.
- Education about macroinvertebrates, water quality, and waterway health will be shared with participants at each event.

Objectives:

- To quantify the health of each river using species diversity as a proxy.
- To engage and educate watershed stakeholders.

Outcomes (metrics):

- 8 macroinvertebrate days held over two years
- At least 160 community members will participate in macroinvertebrate study events

b. Milestone Schedule

Milestone Schedule assuming project start date of October, 2023

Timeframe	Activity	Description	Responsible
October 2023 - February 2024	QAPP Update	Add additional pathogen indicator bacteria sampling stations and eDNA parameter to existing EPA approved QAPP	StS
April - May 2024 April - May 2025	Volunteer Recruitment	Hiring and training of community volunteers to support sample collection	BxRA, StS, VCPA, CURB
May 2024 May 2025	Water Quality Fellow	Hiring and training of Fellow to organize and carry out sample collection	BxRA
June - August 2024 June - August 2025	Water Quality Monitoring	1) Seasonal pathogen indicator bacteria sample collection and transport to StS lab 2) Outfall sample collection and transport to StS lab 3) eDNA sample collection, processing and transport to certified lab 4) Monthly partner meetings to evaluate progress and procedures and make any needed corrections 5) Data management and quality control	1) BxRA 2) BxRA 3) BxRA, StS 4) BxRA, StS, VCPA, CURB 5) BxRA, StS
September - November 2025	Data Analysis	Data analysis and production of visualized one-pagers	BxRA, StS
April 2024 - September 2026	Public education and outreach	1) Partners work with local orgs to plan education activities 2) Macroinvertebrate days inviting community participation 3) Production and distribution of one-	1) BxRA, CURB, VCPA 2) BxRA, StS, VCPA, CURB 3) BxRA 4) BxRA, StS, VCPA,

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		pagers 4) Organize and carry out public events 5) Public education through social media and traditional media	CURB, NYWSC 5) BxRA, StS, VCPA, CURB, NYWSC

c. Itemized Budget Sheet / Budget Narrative - Attached

3.0 Environmental Results – Outputs, Outcomes, and Performance Measures

a. Environmental Results (Logic Model) – Attached

b. Performance Measurement Plan

1) The BxRA Executive Director and Director of Programs will oversee the execution of the project to ensure compliance with all project activities and deliverables
2) The Project Manager (BxRA Ecology Coordinator) will maintain and update the project milestone plan, meeting monthly with project partners during the sampling season.
3) The Project Manager will supervise the EJ Fellow and Ecology Assistant, ensuring that samples are collected as planned.
4) Monthly meetings during active project periods including all partners will provide an opportunity to review progress and make adjustments to improve outcomes.
5) Project partners will submit a report to the Project Manager at the end of the project, detailing their activities recruiting and supporting volunteers, incorporating the public into macroinvertebrate days, and outreach activities.
6) BxRA Grant Manager and Finance Manager will maintain records, oversee and track project spending in accordance with EPA requirements, and submit timely reports.

c. Sustainability Plan and Community Vision

This project supports ongoing water quality monitoring efforts at the BxRA, including Project Water DROP (Detecting River Outfalls and Pollution) which has been working with dedicated community science volunteers to conduct testing along the Bronx River in Bronx and Westchester Counties for more than 7 years. Project data will contribute to the understanding of long-term water quality trends and document progress that has been made through the efforts of the Alliance and other community members to promote compliance with the Clean Water Act. It will be utilized in future outreach to elected officials and state and municipal agencies to promote infrastructure repair and policy changes.

Community residents have a vested interest in continuing water quality improvement efforts on the Bronx River because as the creation and restoration of parklands along the Bronx River have progressed, they have had more opportunities to come into personal contact with the river, including fishing, boating, and other recreational activities. The restoration of natural habitats along the river are supporting the return of wildlife such as American eels, Alewife herring, bald eagles, and even dolphins. Bronx residents are excited and motivated by the rewilding of parts of this highly urban area.

This regional partnership approach to water quality monitoring and community engagement would be applicable to many other watersheds and regions throughout the country.

4.0 Programmatic Capability

a. Organizational Experience related to the proposed project and their infrastructure as it relates to their ability to successfully implement the proposed project.

Organizational Experience with monitoring programs:

The Alliance Ecology Program runs several community science programs aimed at engaging students and community members in the collection of data about the health of the river in order to advocate more effectively for policies and practices that protect the river for wildlife and people. These programs also strive to cultivate a sense of stewardship and ownership of these spaces by community members. The Alliance's headquarters, Bronx River House, contains a basic laboratory for testing samples, and Ecology Program staff is well-practiced in working with volunteers to carry out monitoring programs. The Outreach Program staff help to recruit and manage volunteers and organize public engagement events and activities.

Water quality projects include:

➔ *Project WASTE (Waterway and Street Trash Elimination)*

Ecology personnel regularly organize volunteer groups to collect trash from riverbanks and from a trash boom that captures floatable debris entering the Bronx from upstream Westchester County communities. The volunteers not only clean the river, they also record the type and quantity of items collected for analysis and waste-reduction education and outreach.

➔ *Project Water DROP (Detecting River Outfalls and Pollutants)*

This project supports Community Science volunteers to monitor water quality at 15 sites along the Bronx River during six months of the year. Data collected over the last ten years allows the Alliance and public agencies to chart changes in the quantity and origins of pollution present in the river water, and targeted testing helps identify and address illicit sewage and chemical dumping sites all along the river's length. New pilots launched recently include microplastics research to investigate the variety and abundance of microplastics along the river, and nutrient loading which will inform the point sources of pollution to the river more precisely.

➔ *Unified Water Study*

The Alliance participates in a study across the Long Island Sound to monitor the health of the embayments, particularly in terms of dissolved oxygen. From spring through the fall our team is out on the water at dawn to take and analyze water samples which contribute to this large study of the environmental health of Long Island Sound embayments.

b. Staff Experience / Qualifications of Project Manager (PM)

Program Manager Qualifications:

In this project, the Program Manager will maintain communications with project partners, hire and train the EJ Fellow, supervise the EJ Fellow and Ecology Assistant as they carry out the sampling activities, attend EJ Grantee Networking and Training Workshops, assist in purchasing project materials, lead the analysis of data and work with the data visualization consultant and translator to produce the one-pager education and outreach materials, work with the project partners to assemble a final report with findings and recommendations, collaborate with the Community Outreach Coordinator to organize and lead public outreach events, meet project

reporting requirements, collaborate with the Communications Assistant to publicize the project, and organize public meetings with stakeholders to share the results of this project.

The Program Manager, BxRA Ecology Coordinator Christian Murphy, has a bachelor's degree in environmental studies with a concentration in Earth systems science. Christian worked as a lab technician at a private fossil dating lab for 2 years, and received 4 months of extensive training to perform field surveys with the U.S. Bureau of Land Management in Western Colorado. The PM has worked in the Bronx community since 2018. As the BxRA Ecology Coordinator, he has 3.5 years of experience organizing and managing community scientists in the collection and lab analysis of pathogen samples from 15 sites along the full length of the Bronx River. Christian helped write an EPA-approved QAPP for the Bronx River's pathogen, nutrients, and detergents monitoring program, Project Water DROP. In addition to recruiting and managing community volunteers, he also mentors 5 to 6 students conducting environmental research on the Bronx River each year and coordinates and leads public meetings to share information on the ecological of the Bronx River and relevant issues up to 6 times a year.

The BxRA Ecology Assistant, Isabella Romano, has a bachelor's degree in Environmental Studies from New York University and performed extensive lab work, data entry, and reporting during her academic career. Isabella brings 4 years of experience organizing and leading hundreds of students and volunteers in virtual and in-person events pertaining to public health at Peer Health Exchange and the Reflect Organization.

The BxRA Community Outreach Coordinator, Victoria Toro, received a Bachelor of Science in Marine Science and Biology from the University of Tampa. In her role Victoria helps connect Bronx River community residents to volunteer programming along the Bronx River and ensures they are widely-publicized and accessible for environmental justice communities. She also maintains frequent lines of communication with dozens of local and regional elected officials and stakeholders on various events and collaborative projects, such as the updated Bronx River Intermunicipal Watershed Management Plan.

c. Expenditure of Awarded Grant Funds -

The project approach, procedures, and controls for ensuring that awarded grant funds will be expended in a timely and efficient manner are described in this workplan. In summary, they include:

- Clearly defined project activities and timeline
- Regular meetings and communication between project partners with evaluation sessions
- Program Manager experience in operating similar programs
- Established reporting procedures for project partners
- Professional BxRA grant and financial management staff with written and board-approved accounting procedures to administer grant spending, record keeping, and reporting
- Weekly BxRA staff meetings to review project progress and quarterly grant reviews to ensure compliance with deliverables and spending goals

- Project oversight by BxRA Executive Director and Director of Programs

5.0 Past Performance

Hearst Foundation, 'River-Based STEM Education for Students', $100,000. 7/1/2021 - 6/30/2025
This grant has supported the successful pilot of a new internship program, and has met or exceeded the agreed outcomes. Annual progress reports have been submitted on time to the satisfaction of the donor.

National Fish and Wildlife Foundation, Long Island Sound Futures Fund, 'Project Water DROP', $49,232.48, 10/1/2021 - 12/31/2022
The project was successfully completed, exceeding proposed outcomes. Interim and final technical reports have been submitted on time to the satisfaction of the donor.

New York State Department of State, 'Bronx River Watershed Management Plan Update', $245,428. In collaboration with Westchester County Planning Department and the Bronx Borough President's Office. 9/1/2018 - 8/30/2023
Due to delays in grant contracting, the project activities did not start until March 2022. Project elements are being carried out currently, and we are requesting a grant extension beyond 8/30/23 in order to allow sufficient time for community engagement activities. Reports have been submitted on time to the satisfaction of Westchester County Planning, who is administering the grant, and the NYS DOS.

New York State Department of Environmental Conservation, Environmental Justice Community Impact Grant, 'Hyperlocal Air Quality Monitoring in the South Bronx', $99,995. 1/1/2022 - 12/31/2024.
The project has achieved all milestones to date. Quarterly reports have been submitted on time and accepted by the DEC.

Creatives Rebuild New York, a project of the Tides Center, Artist Employment Program, $236,400. 7/1/2022 - 7/1/2024. The project has achieved all milestones to date. Reports have been submitted as scheduled and accepted by CRNY.

6.0 Quality Assurance Project Plan (QAPP)

In order for the data produced through this project to be accepted by the EPA and other governmental authorities a QAPP will be required. Because of the participation of Save the Sound in the project, these additional sampling locations and parameter will be added to their existing EPA approved QAPP and submitted to EPA for approval. There will be no need to start from scratch, and the process is anticipated to take no more than 4 months at the start of the project period.

Internal Revenue Service
District Director

Department of the Treasury

Date: NOV 12 1982

Person to Contact:
J. Feltman

Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)

Ironbound Community Corporation
95 Fleming Avenue
Newark, N. J. 07105

Gentlemen:

Based on the information you recently submitted, we have classified your organization as one that is not a private foundation within the meaning of section 509(a) of the Internal Revenue Code because you are an organization described in section 509(a)(1) and 170(b)(1)(A)(vi).

Your exempt status under section 501(c)(3) of the Code is still in effect.

This classification is based on the assumption that your operations will continue as you have stated. If your sources of support, or your purposes, character, or method of operation change, please let us know so we can consider the effect of the change on your exempt status and foundation status.

Because this letter could help resolve any questions about your foundation status, you should keep it in your permanent records.

If you have any questions, please contact the person whose name and telephone number are shown above.

Sincerely yours,

Cornelius J. Coleman
District Director

This letter supercedes the modification letter which was issued on July 29, 1974, and it reaffirms the determination letter which was issued on February 18, 1972.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Ms. First Name: Hazel Middle Name:
Last Name: Applewhite Suffix: CE

Title: CEO

Complete Address:

Street1: 317 Elm Street
Street2:
City: Newark State: NJ: New Jersey
Zip / Postal Code: 07105-2701 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: happlewhite@ironboundcc.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: Ms. First Name: Hazel Middle Name:
Last Name: Applewhite Suffix:

Title: CEO

Complete Address:

Street1: 317 Elm Street
Street2:
City: Newark State: NJ: New Jersey
Zip / Postal Code: 07105-2701 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: happlewhite@ironboundcc.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: Ms. First Name: Melanie Middle Name:
Last Name: Reyes Suffix:

Title: EJ Operations Director

Complete Address:

Street1: 317 Elm Street
Street2:
City: Newark State: NE: Nebraska
Zip / Postal Code: 07105-2701 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: mreyes@ironboundcc.org

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: Ms. First Name: Maria Middle Name:

Last Name: Lopez-Nunez Suffix:

Title: Deputy Director of Organizing & Advocacy

Complete Address:

Street1: 317 Elm Street

Street2:

City: Newark State: NJ: New Jersey

Zip / Postal Code: 07105-2701 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: mlopeznunez@ironboundcc.org

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Ironbound Community Corporation

Address: 317 Elm Street

City: Newark

State: NJ: New Jersey Zip Code: 07105-2701

B. Unique Entity Identifier (UEI): RESKT9F5G3K3

C. Applicant/Recipient Point of Contact

Name: Maria Lopez-Nunez

Phone: Ex. 6 - Personal Privacy (PP)

Email: mlopeznunez@ironboundcc.org

Title: Deputy Director of Organizing & Advocacy

II. Is the applicant currently receiving EPA Assistance? ☒ Yes ☐ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

n/a

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

n/a

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

n/a

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☒ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

n/a

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

Yasmin Mattocks, HR Manager, ymattocks@ironboundcc.org, Ex. 6 Personal Privacy (PP) (fax), Ex. 6 Personal Privacy (PP) (phone)

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

Please contact Ms. Mattocks at the contact information above for a copy of the procedues.

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Drew Curtis	CEO	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Ironbound Community Corporation

* b. Employer/Taxpayer Identification Number (EIN/TIN): 22-1916086

* c. UEI: RESKT9F5G3K3

d. Address:

* Street1: 317 Elm Street
Street2:
* City: Newark
County/Parish:
* State: NJ: New Jersey
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 07105-2701

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Ms.
* First Name: Maria
Middle Name:
* Last Name: Lopez-Nunez
Suffix:

Title: Deputy Director for Organizing & Advocacy

Organizational Affiliation: Ironbound Community Corporation

* Telephone Number: Ex. 6 - Personal Privacy (PP)
Fax Number:

* Email: mlopeznunez@ironboundcc.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Advancing Environmental Justice and Climate Resiliency through Increasing Tree Canopy in the Ironbound section of Newark

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: NJ-08 | * b. Program/Project: NJ-08

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 | * b. End Date: 10/31/2026

18. Estimated Funding ($):

* a. Federal	327,900.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	327,900.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☒ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☐ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Ms. | * First Name: Hazel

Middle Name:

* Last Name: Applewhite

Suffix:

* Title: CEO

* Telephone Number: Ex. 6 Personal Privacy (PP) | Fax Number: Haz

* Email: happlewhite@ironboundcc.org

* Signature of Authorized Representative: Drew Curtis | * Date Signed: 04/14/2023

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

ICC_EJCPS_2023

1234-EPA EJ CPS Project Narrative ICC 2023.pdf
application/pdf
VEnqkW0JweEaG/TB0kV6NEDJSFo=

Ironbound Community Corporation
317 Elm Street
Newark
NJ: New Jersey
07105-2701

RESKT9F5G3K3
Maria Lopez-Nunez
EX. 6 - Personal Privacy (PP)
mlopeznunez@ironboundcc.org
Deputy Director of Organizing & Advocacy
Y: Yes
n/a
n/a
n/a
N: No
N: No
n/a
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes

Y: Yes
Yasmin Mattocks, HR Manager, ymattocks@ironboundcc.org, EX. 6 - Personal Privacy (PP) (fax), EX. 6 - Personal Privacy (PP) (phone)
Please contact Ms. Mattocks at the contact information above for a copy of the procedues.
Drew Curtis
CEO
2023-04-14

1235-EPA EJ CPS Itemized Budget Sheet ICC 2023.docx.pdf
application/pdf
Mx0P1Qbp1SK7lXJMY0xernKlU60=

1236-EPA EJ CPS ICC LOGIC MODEL 2023.pdf
application/pdf
n354B7GhU3iH39EKert+1F3CDp4=

1237-Letter of Support Ironbound Tree Canopy Project April 2023 NJTF.pdf
application/pdf
N4u1kAmq5DrxlWpBl6v9nvIksBE=

1238-ICC-Advancing Environmental Justice-JG.pdf
application/pdf
S7GbH8FZvYY1vrO99WMVe3cwHYw=

1239-IBID ICC SUPPORT LETTER 2023.pdf
application/pdf
24B3fjlX8Yc0FVUlfK3OcgSlSHY=

1240-MariaLopez Resume 2020.pdf
application/pdf
A3P4WDD54gC6EUv6l6gOk56gz18=

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327900

Ms.
Hazel
Applewhite
CE

CEO
317 Elm Street
Newark
NJ: New Jersey
07105-2701
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
happlewhite@ironboundcc.org

Ms.
Hazel
Applewhite

CEO
317 Elm Street
Newark
NJ: New Jersey
07105-2701
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
happlewhite@ironboundcc.org

Ms.
Melanie
Reyes

EJ Operations Director
317 Elm Street
Newark
NE: Nebraska
07105-2701
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
mreyes@ironboundcc.org

Ms.
Maria
Lopez-Nunez

Deputy Director of Organizing & Advocacy
317 Elm Street
Newark
NJ: New Jersey
07105-2701
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
mlopeznunez@ironboundcc.org

Application
New
2023-04-14
Ironbound Community Corporation
22-1916086
RESKT9F5G3K3
317 Elm Street
Newark
NJ: New Jersey
07105-2701
USA: UNITED STATES

Ms.
Maria
Lopez-Nunez

Deputy Director for Organizing & Advocacy
Ironbound Community Corporation
EX. 6 - Personal Privacy (PP)
mlopeznunez@ironboundcc.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Advancing Environmental Justice and Climate Resiliency through Increasing Tree Canopy in the Ironbound section of Newark
NJ-08
NJ-08
2023-11-01
2026-10-31
327900.00
0.00
0.00
0.00
0.00
0.00
327900.00
b. Program is subject to E.O. 12372 but has not been selected by the State for review.
N: No
Y: Yes
Ms.
Hazel
Applewhite

CEO
EX. 6 - Personal Privacy (PP)
happlewhite@ironboundcc.org
Haz
Drew Curtis
2023-04-14

p5f8aicla1hJyYT/SlO4bd8tw8I=
2023-04-14T18:10:25.000-04:00
Drew Curtis
GRANT13861827

New Jersey TREE FOUNDATION

NJ Tree Foundation Trustees

President
Jay Kaplan

Secretary
Pam Zipse

Treasurer
Mark C. Franz

Robert Bartosz

William Comery

Corey Lilliston

Peggy Middaugh

Leonard Ward

Hazel Applewhite, CEO
Ironbound Community Corporation
317 Elm Street
Newark, NJ 07105

April 12, 2023

Dear Ms. Applewhite:

The following is a Letter of Support for the US EPA's Environmental Justice Collaborative Problem-Solving Cooperative agreement program for "Advancing Environmental Justice and Climate Resiliency through Increasing Tree Canopy in the Ironbound section of Newark." This project will engage residents and small businesses in increasing tree canopy to build environmental justice and climate resilience through improving air quality, lessening the urban heat island effect, and mitigating flooding.

This project includes the following partners:

- Ironbound Community Corporation (ICC), Newark NJ
- City of Newark
- Ironbound Business Improvement District, Newark, NJ
- New Jersey Tree Foundation

Ironbound Community Corporation is a 54-year-old, community-based, nonprofit organization with a mission to empower and engage Newark residents to create a more just, vibrant, and healthy neighborhood and we see that they are committed to advancing environmental justice and climate resiliency. This project will increase tree canopy in an environmental justice community in EPA's Region 2.

The New Jersey Tree Foundation is a nonprofit dedicated to planting trees in the state's most urban areas, where the need is greatest, for over 25 years. Through tree planting, volunteerism, and partnerships, the NJ Tree Foundation assists communities in improving their environment and quality of life while combating environmental injustice. Since 2006, the organization's Renaissance Trees Program has worked directly at the request of Newark residents and is a longtime collaborator of the Ironbound Community Corporation.

New Jersey Tree Foundation
Ex. 6 Personal Privacy (PP) Jackson, NJ 08527
www.njtreefoundation.org
@njtrees

We look forward to working with ICC and others on this important and needed project by leading the planting of 150 trees and teaching residents and small businesses how to be effective tree stewards over the three year grant period.

Please do not hesitate to reach out to me with questions about the NJ Tree Foundation or our involvement in this project with the ICC. I can be reached via email at lsimms@njtreefoundation.org.

Sincerely,



Lisa Simms
Executive Director

New Jersey Tree Foundation
Ex. 6 Personal Privacy (PP) Jackson, NJ 08527
www.njtreefoundation.org
@njtrees

CITY OF NEWARK
Mayor Ras J. Baraka

Department of Administration

920 Broad Street, Room 205
Newark, New Jersey 07102
Tel: Ex. 6 - Personal Privacy (PP)
Fax: Ex. 6 - Personal Privacy (PP)

Eric S. Pennington
Business Administrator

Hazel Applewhite
Ironbound Community Corporation
317 Elm Street
Newark, NJ 07105

April 12, 2023

Director Applewhite,

I am pleased to provide this Letter of Support for Ironbound Community Corporation (ICC)'s project, "Advancing Environmental Justice and Climate Resiliency through Increasing Tree Canopy in the Ironbound section of Newark," submitted to the US EPA's Environmental Justice Collaborative Problem-Solving Cooperative agreement program.

This project will engage residents and small businesses in increasing the tree canopy, which will build environmental justice and climate resilience through improving air quality, lessening the urban heat island effect, and mitigating flooding. This project will increase tree canopy in an environmental justice community in EPA's Region 2.

ICC is a 54-year-old, community-based nonprofit organization with the mission to empower and engage Newark residents to create a more just, vibrant, and healthy neighborhood. The City of Newark has worked closely with ICC on a number of initiatives for many years, and we are familiar with ICC's commitment to advancing environmental justice and climate resiliency.

Newark is committed to creating a greener, healthier, and more sustainable city for our residents and visitors. As laid out in the City's new Master Plan, we face incredible challenges in years to come. We look forward to working with ICC and the rest of the team on this important and needed project by ensuring that all grassroots work towards the project is well connected to City efforts. Through this type of collaboration, we will ensure longevity to our canopy. This type of collaboration is the best chance forward for Newark and its residents to mitigate the harms of climate change now, together.

Sincerely,

Jonathan Gordon
Interim Chief Sustainability Officer
Office of Sustainability
Department of Administration
City of Newark
920 Broad Street, Rm. B-12
Newark, New Jersey 07102

Ironbound Business Improvement District Management Corp.
76 Prospect St. Newark, NJ 07105
Tel: Ex. 6 - Personal Privacy (PP) Fax: Ex. 6 - Personal Privacy (PP)

Board of Directors

Officers

Manuel Lopes
President

Hal Laessig
1st Vice-President

Helena Vinhas
2nd Vice-President

Renato Baptista
Treasurer

Oscar Sanchez
Secretary

Steven T. Yglesias
President Emeritus

Vincent Davis
Nicole Fields
Antonio Martinez
Jonathan Seabra
Angela Williams

Hon. Michael Silva
East Ward Councilman

Hon. Ras Baraka
Mayor, City of Newark

Staff

Vince Baglivo
Executive Director

Seth A. Grossman, CFO

Leysly V. Roldan
Office Manager

Chris Bernardo
Director of Operations
CDS

Ironbound Community Corporation
317 Elm Street
Newark, NJ 07105

April 14, 2023

To Hazel Applewhite:

The following is a Letter of Support for the US EPA's Environmental Justice Collaborative Problem-Solving Cooperative agreement program for "Advancing Environmental Justice and Climate Resiliency through Increasing Tree Canopy in the Ironbound section of Newark". This project will engage residents and small businesses in increasing tree canopy to build environmental justice and climate resilience through improving air quality, lessening urban heat island effect, and mitigating flooding.

This project includes the following partners:

- Ironbound Community Corporation (ICC), Newark NJ
- City of Newark
- Ironbound Business Improvement District, Newark, NJ
- New Jersey Tree Foundation

Ironbound Community Corporation is a 54-year-old, community-based, nonprofit organization with a mission to empower and engage Newark residents to create a more just, vibrant, and healthy neighborhood and we see that they are committed to advancing environmental justice and climate resiliency. This project will increase tree canopy in an environmental justice community in EPA's Region 2.

The Ironbound Business Improvement District (IBID) is a long-standing certified Newark Special (Business) Improvement District established in December 2000 by municipal ordinance and is a 501© (3) nonprofit management and planning community business development organization. Current management has been in place since 2002 with 20 years of continuous focus. It's municipally approved and collected annual budget is $1,050,000. As indicated above, these funds reflect a comprehensive community development program that includes efforts to improve and enhance green space and the tree canopy.

We look forward to working with ICC and others on this important and needed project through outreach to the business community to engage them in tree planting and through supporting maintenance of the newly planted trees.

Sincerely,
Vince Baglivo, Executive Director
Ironbound Business Improvement District
Ex. 6 - Personal Privacy (PP)

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: **Prefix:** Ms. **First Name:** Melissa **Middle Name:**
Last Name: Miles **Suffix:**
Title: Executive Director

Complete Address:

Street1: 45 Academy St.
Street2:
City: Newark **State:** NJ: New Jersey
Zip / Postal Code: 07102 **Country:** USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**
E-mail Address: melissa@njeja.org

Payee: *Individual authorized to accept payments.*

Name: **Prefix:** **First Name:** Melissa **Middle Name:**
Last Name: Miles **Suffix:**
Title: Executive Director

Complete Address:

Street1: 45 Academy St.
Street2:
City: Newark **State:** NJ: New Jersey
Zip / Postal Code: 07102 **Country:** USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**
E-mail Address: melissa@njeja.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: **Prefix:** **First Name:** Sarah **Middle Name:**
Last Name: Baldwin **Suffix:**
Title: Operations Manager

Complete Address:

Street1: 45 Academy St.
Street2:
City: Newark **State:** NJ: New Jersey
Zip / Postal Code: 07102 **Country:** USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**
E-mail Address: sarah@njeja.org

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** Dr. **First Name:** Cynthia **Middle Name:**

Last Name: Hall **Suffix:**

Title: Community Education Manager

Complete Address:

Street1: 45 Academy St.

Street2:

City: Newark **State:** NJ: New Jersey

Zip / Postal Code: 07102 **Country:** USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: cynthia@njeja.org

EPA Form 5700-54 (Rev 4-02)

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: New Jersey Environmental Justice Alliance

Address: 45 Academy St

City: Newark

State: NJ: New Jersey Zip Code: 07102-2924

B. Unique Entity Identifier (UEI): UDRJRENJZFN1

C. Applicant/Recipient Point of Contact

Name: Melissa Miles

Phone: Ex. 6 - Personal Privacy (PP)

Email: melissa@njeja.org

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☒ Yes ☐ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

n/a

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

n/a

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

n/a

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☒ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

n/a

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☐ Yes ☒ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☐ Yes ☒ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

yes

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

no

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Christine Limb	Executive Director	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

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EXPERIENCE

Ironbound Community Corporation
Deputy Director, Organizing and Advocacy, currently
Director of Environmental Justice and Community Development, 2017 – Present

- Set strategic goals and visions for the division.
- Fundraise for all programing and advocacy campaigns.
- Spear-headed the Right to Counsel Newark Coalition which successfully passed the ordinance within one year of launch.
- Represents ICC on the Steering Committee of the Climate Justice Alliance
- Advise on all policy and advocacy matters for the agency.

Ironbound Community Corporation
Leadership Developer, 2014- 2017

- Create content, ensure outreach and delivery effective community meetings and teach-ins.
- Curriculum development for various programs including a 6 week intensive Environmental Justice Leadership Institute.
- Run job trainings that empower residents through a holistic approach that includes work place conflict resolution skills and environmental justice community issue awareness.
- Develop the leadership and advocacy skills of targeted residents.

The ROOTS Project, Inc
Founding Member and Current Board Member
Program Manger March 2012-May 2014

- Developed programs and curriculum
- Developed relationships with schools and interested clients
- Facilitated and managed ongoing programs such as the Consortium on Leadership and Diversity, The YouthROOTS Project, etc
- Volunteer recruitment, training and engagement.
- Social media presence and resource development.
- Worked with high school students, educators and community members around all social justice issues including but not limited to: race, class, gender, sexual orientation, ability status, body image, educational opportunities, religion.

Ceceilyn Miller Institute for Leadership and Diversity In America,
Trainer and Consultant, September 2007 – March 2012

- Developed and implemented curriculum based on conflict resolution and community development.
- Helped conceptualize and bring to life the Martin Luther King Youth Leadership conference that became a flagship program of the organization.
- Met with clients to determine needs and create customized programs for their communities.
- Turn key facilitation skills trainings for clients such as City Year, Harrison School district, West New York School District, etc.
- Helped run the National Student Leadership and Diversity Convention.

EDUCATION
Drew University, Madison, NJ
Bachelor of Arts in Sociology and Philosophy

Special Skills

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- Native Spanish Speaker
- Conflict resolution training.
- Strong Facilitation, listening and communication skills.
- Workshop and curriculum development and implementation skills.
- Qualitative and quantitative evaluation skills.

a. Project Summary – Recommended one-page summary document (does count as part of 18-page workplan limit). Summary includes:

Project Title: Advancing Environmental Justice and Climate Resiliency through Increasing Tree Canopy in the Ironbound section of Newark

Project Location: Newark, NJ

Rural Area: No

New EJCPS Recipient (if awarded): Yes

Applicant Information (name, address, main contact information):

Maria Lopez-Nunez, Ironbound Community Corporation,

Ex. 6 Personal Privacy (PP) mlopeznunez@ironboundcc.org

Brief Description of Applicant Organization:

Founded in 1969 by residents, ICC's mission is to engage and empower individuals, families, and groups to realize their aspirations and, together, work to create a just, vibrant and sustainable community. ICC has prided itself as a grassroots organization, working closely with residents in the development and delivery of its services and initiatives. Today, ICC serves thousands of children and families annually with multiple services and organizes the entire community to achieve high quality educational, social, environmental, and economic outcomes for all residents.

Are you applying for the Small CBO Set Aside Track for $150,000 projects? No

Project Abstract -- Brief description (250 words or less) of the main objective, activities, and outputs/outcomes of the project, including the specific geographic areas of focus.

Ironbound Community Corporation (ICC), Ironbound Business Improvement District (IBID), NJ Tree Foundation (NJTF), and the city of Newark will partner to plant trees throughout the Ironbound section of Newark, which has the least amount of tree canopy in the city. This project will reduce urban heat island effect, mitigate flooding, and improve air quality, while engaging hundreds of residents and businesses. ICC and IBID will conduct extensive outreach to residents and businesses to solicit interest and buy-in to receive a tree, respectively, while NJ Tree Foundation will manage the planting of the trees and offer tree stewardship workshops to residents and businesses who sign up for a tree and to the community at-large. The city of Newark will help facilitate permits and other services, while tying the efforts to its larger

sustainability and resiliency plans. All told there will be at least 150 trees planted and 150 residents and small business owners engaged throughout the Ironbound.

Project Type(s) -- such as training, monitoring, demonstration, small scale construction, public education Small scale construction

Special Considerations - If applicable to your project, which special considerations do you believe your project qualifies for? (Climate Change/Disaster Resiliency, Rural Areas, Health Impact Assessments, and/or other factors identified in Section V) climate change/disaster resiliency

Environmental Issue – e.g., Air, Water, Waste, etc. • List of Project Partners -- include partner name and stakeholder group. For example, CBOs, State University (academic); County commissioner (local government); Houses of worship (faith-based); Corporate or local companies (business/industry); etc. Air, Water, Heat

Will you need to develop a QAPP for your project? No

b. Environmental and Public Health information of the Underserved Community - The applicant will be evaluated on the ability to clearly describe the local environmental justice issue(s) the project proposes to address and the community that is impacted. Please describe the following:

• Describe and characterize the underserved community directly impacted by disproportionate environmental and/or public health harms and risks and describe how the community is impacted by those harms and risks (i.e., Who is the community comprised of and what are the disproportionate environmental and/or public health issues they experience?)

The Ironbound" neighborhood is located in the East Ward of Newark in Essex County, New Jersey. It is roughly four square miles east of Newark's Pennsylvania RR Station, bounded by highways (Routes 1 & 9, 21, 78, NJ Turnpike), waterways (Passaic River, Newark Bay), Newark Airport and Port Newark/Elizabeth. With a population in excess of 50,000, two-thirds of which are foreign born, the Ironbound is one of the most densely populated and diverse areas of the city. Seventy five percent of those over the age of five speak a foreign language at home, typically Portuguese or Spanish. Educational attainment levels are relatively low: 55% of those over 18 have not obtained a high school diploma. The range of household poverty rates among Ironbound census tracts is roughly 25 to 55%. Within the eastern end of the Ironbound where many of the waste related industries are concentrated, 40-50% of households have an annual income of less than $20,000. Ironbound also floods regularly, both from major disasters like Hurricane Irene and SuperStorm Sandy, and after everyday rain events due to stormwater back-up and Combined Sewer Overflow (CSO). There are over 100 brownfield sites in the Ironbound and the Passaic River is the longest Superfund site in the country. Overall, Newark is the second-worst urban heat island in the country and the Ironbound has the least amount of tree canopy in the city, combined with mostly impervious surfaces like concrete and asphalt. A snapshot of the Ironbound from EJScreen confirms how overburdened the neighborhood is:

EPA United States Environmental Protection Agency

EJScreen Report (Version 2.11)
the User Specified Area
NEW JERSEY, EPA Region 2
Approximate Population: 53,535
Input Area (sq. miles): 4.36
Ironbound

Selected Variables	Percentile in State	Percentile in USA
Environmental Justice Indexes		
Particulate Matter 2.5 EJ Index	88	83
Ozone EJ Index	46	75
Diesel Particulate Matter EJ Index*	89	92
Air Toxics Cancer Risk EJ Index*	85	88
Air Toxics Respiratory HI EJ Index*	87	90
Traffic Proximity EJ Index	85	87
Lead Paint EJ Index	72	84
Superfund Proximity EJ Index	92	94
RMP Facility Proximity EJ Index	93	92
Hazardous Waste Proximity EJ Index	91	93
Underground Storage Tanks EJ Index	87	93
Wastewater Discharge EJ Index	88	91

EJ Indexes - The EJ indexes help users screen for potential EJ concerns. To do this, the EJ index combines data on low income and people of color populations with a single environmental indicator

This project will address three of these issues through tree planting: improving air quality, lessening urban heat island effect, and mitigating flooding.

c. Organization's Historical Connection to Underserved Community - The applicant will be evaluated on the description of the strong connection between their organization and the underserved community. Please describe the following:

ICC has a fifty-four year history of working in the Ironbound community and we serve more than 1000 residents every day through our diverse programs throughout the neighborhood – from an early learning center with over 220 families, two after school programs with more than 160 students, two Family Success Centers with hundreds of people served each day, housing and tenant organizations, park stewardship groups, and various environmental committees. ICC has a rich history of environmental justice activism dating back to our work with residents struggling with the devastating impact of dioxin contamination at the Diamond Alkali Superfund site in the 1980s. Since then, we have developed comprehensive programs that address some of the most challenging environmental justice issues of our time. ICC continues a tradition of grassroots, community based organizing to create space for residents to speak for themselves and enact real change on the ground. Some of the examples of our work on the ground include our efforts organizing residents to save Riverbank Park, one of two precious neighborhood parks at the time, from demolition in the 1990s. More recently, we helped organize residents in defeating a proposal for a medical waste facility near a public housing complex and advocating for the cleanup of two brownfield sites, Tidewater Baling and a lead contaminated soccer field. In 2010, when Wilson Avenue School, a local elementary school, was evacuated due to benzene contamination, parents and teachers called on ICC to help them get their public health and environmental questions answered by public officials. This call came again in 2016 when elevated levels of lead in the drinking water was announced in the press, the parents and ICC banded together to ensure a new filtration system from the then state controlled district. In 2020, during the heart of the pandemic, ICC and partners got the state of NJ to pass the strongest environmental justice law in the country, which mandates that its Department of Environmental Protection reject permits for facilities in already overburdened communities like the Ironbound and Newark. These are just a few of the examples of the ways in which ICC's active engagement and support of residents' self-empowerment to advocate for environmental justice concerns are vital to this community's survival.

ICC also works closely with residents on critical community-wide planning initiatives that help create a shared vision and roadmap for future development in the community. In 2001, ICC together with a committee of more than 100 residents completed the Ironbound Community Master Plan, which laid out a comprehensive plan for land use in the neighborhood. We have always pushed our local government to listen to the community vision. In 2003, ICC completed

the Ironbound Open Space and Recreation Plan which used resident input and charrettes to identify the major needs, assets and potential growth areas for green space in the community. This analysis led to the creation of the Gateway Waterfront Park Plan, which articulated the community's vision of a restored Passaic River waterfront park. In 2004, and updated in 2017, ICC developed the East Ferry Street Neighborhood Revitalization Plan drawing on community input to identify this area of the community as most in need of attention and investment. All of these planning efforts have been structured around community input through innovative public participation processes which encourage meaningful participation by diverse residents to shape the direction and scope of the plans developed to deepen democracy. The city's adoption of a new Master Plan in 2015 was a huge win for self-determination at the neighborhood level throughout the City of Newark.

In addition to these organizing activities, ICC also coordinates standing resident committees such as neighborhood Community Advisory Boards, youth and adult Environmental Justice Leadership groups, and urban farming groups made up of concerned residents. In addition to these all resident led committees, ICC convenes diverse stakeholder groups like the Ironbound CARE Cumulative Impacts Project Stakeholder Committee, the Brownfields Area Wide Planning Grant Steering Committee, the Passaic River Superfund Community Advisory Group, Mujeres Activas, and our various Community Advisory Boards that focus on the hyperlocal neighborhood issues. ICC strives to have as many entry points for participation and inclusion of the frontline in the future of Newark.

Recent efforts working with young people in the community has led to youth residents taking leading roles in action strategies and advocacy – young people from the community have presented on EJ in their neighborhood, participated in community air monitoring projects, and organized testimony in front of municipal boards, NJ Department of Environmental Protection hearings, and federal public comment meetings around the Superfund cleanup of the Passaic River. ICC's commitment to not just serving but empowering residents has gone a long way towards a vibrant and more just community.

d. EJCPS Model - Demonstrate the utility of the Environmental Justice Collaborative Problem Solving Model (Section I.B). Provide a clear and concise description about:

This project will utilize all parts of the EJCPS model and has in fact already begun to use it:

1. ICC, together with IBID, NJTF, and the city of Newark, all understand that the Ironbound section of Newark lacks trees and that trees can advance both environmental justice and climate resilience. Previous community plans and city-wide plans that had deep community input called for more trees as well. Together, project partners decided to come together to address these challenges.

2. This project will involve community capacity building and leadership development. ICC and IBID will reach out to residents and small businesses directly and seek to bring them into the project directly, as stewards of trees in the Ironbound. NJ Tree Foundation will provide tree stewardship training to these residents and small business owners to ensure they have the skills needed to succeed.

3. All project partners have long histories in working together. Still, there are times when goals may differ. We will mitigate this by maintaining open communication, building trust, and referring back to shared goals, which in this case is increasing tree canopy in the Ironbound.

4. This project brings together multiple partners from multiple sectors and leverages each other's resources. Our clear logic model will be used to coordinate the partnership as we work towards our shared goal and vision.

5. This project is not just engagement for engagement sake, but engagement that leverages the expertise and experiences of each project partner. ICC will engage residents, IBID will engage the business community and support maintenance of trees, NJ Tree Foundation will complete the actual tree planting and tree stewardship education, and the city of Newark will provide resources, streamline permitting, and more.

6. All project partners have the capacity to effectively manage and implement this initiative, given their years of experience completing their clear tasks

7. Lastly, this project has evaluation built in from the start and is aimed at being a model for other environmental justice communities; not just in Newark, but throughout the country.

e. Project Linkages

This project supports EPA Strategic Plan Goal 2, Objective 2.1 by directing improving the air quality, reducing urban heat island effect, and mitigating flooding for the severely overburdened environmental justice community of the Ironbound in Newark, NJ.

f. Partner and Collaborate - Provide a clear and concise description of how the proposed project promotes collaborations with partners from multiple stakeholder groups, such as industry, business, academia, government, etc., to develop solutions that will address environmental and/or public health issues. We encourage applicants to seek diversity in partnerships in an effort to enhance the process of achieving the project's goals. Applicants are strongly encouraged to have at least THREE signed letters of commitment from partners representing at least THREE different stakeholder groups submitted with their application.

Ironbound Community Corporation (ICC), Ironbound Business Improvement District (IBID), NJ Tree Foundation (NJTF), and the city of Newark will come together to form a multi-sector collaboration to advance environmental justice and community climate resilience by increasing tree canopy in the Ironbound section of Newark. ICC, as a neighborhood-based anchor institution, has long standing relationships with each partner and will bring them together with community residents for this project. ICC will be responsible for overall project management and direct outreach to residents to get them to sign up for and adopt a new tree. IBID promotes interest in the Ironbound and Newark as a great place to visit in addition to fostering economic growth and employment opportunities. ICC will also train residents and small business owners in environmental justice and climate resiliency. Established in 2000, IBID is led by a 13-member board and is funded through special assessments of commercial properties in the District. Since its inception, it has upgraded and improved the Ironbound by focusing on quality-of-life issues such as streetscape improvements, sidewalk and street cleaning, parking changes and pedestrian signage, and other administrative tasks. IBID will be responsible for outreach to businesses and supporting maintenance of the trees with their watering truck. The NJ Tree Foundation is a state-wide non-profit organization dedicated to planting trees in NJ's most underserved neighborhoods. They will be responsible for the planting of the trees, as well as teaching tree stewardship classes to residents and business owners who sign up for trees, as well as to the community at large. The city of Newark, through its Sustainability Office, will connect this effort to the city's larger sustainability and resiliency efforts and plans, as increasing tree canopy was a goal in both its Sustainability Action Plan and the Northeast NJ Resiliency Action Plan. It will also provide a front-end loader to offload trees during the plantings and disposing of waste after litter cleanups, and will allow access to city owned property and issue permits for tree planting and concrete removal. Together, this collaboration will ensure success of the project and all partners will continue their working relationship to both maintain these trees and look for additional opportunities to increase tree canopy.

2.1 Project Activities / Milestone Schedule / Detailed Budget Narrative

Project Activities	Project Milestones

• Project start-up by ICC as project manager and by partners, including finalization of curriculum • Outreach to residents and small businesses by ICC and IBID to sign them up for first round of tree planting (both to get a tree planted at their home or business and to volunteer during the planting) • NJ Tree Foundation and city of Newark prepare for first round of tree planting (obtaining permits, cutting concrete, etc.), while ICC and IBID assist NJTF with recruiting volunteers • First round of tree planting • Tree stewardship workshops are offered by NJ Tree Foundation for the Ironbound and greater Newark community, especially those who received trees in the spring. ICC augments these workshops to include training on environmental justice related to air quality, urban heat island effect, flooding, and climate resiliency more broadly • Project team debriefs spring planting season to make improvements for future plantings • Project team prepares for Fall tree planting (outreach, sign ups, permits, etc.)	• Project ready for launch by January 31, 2024 • Outreach and sign-ups are complete by March 30, 2024 • Trees are ready to be planted by April 13, 2024 • First round of trees are planted by June 20, 2024 • First round of tree stewardship workshops is completed by August 30, 2024 • Debrief is completed by July 31, 2024 • Fall planting is ready to commence by September 13, 2024 • Fall planting season is complete by November 30, 2024 • Debrief is completed by January 31, 2025 • Next round of tree stewardship workshops is completed by March 30, 2025 • Outreach and sign-ups are complete by March 30, 2025 • Trees are ready to be planted by April 11, 2025 • Spring tree planting completed June 20, 2025

• Fall planting season • Project team debriefs fall planting season to make improvements for future plantings • Tree stewardship workshops are offered by NJ Tree Foundation for the Ironbound and greater Newark community, especially those who received trees in the fall • Outreach to residents and small businesses by ICC and IBID to sign them up for the next round of tree planting • Project team prepares for the next round of tree planting (obtaining permits, cutting concrete, recruiting volunteers, etc.) • Spring 2025 Tree Planting • Tree stewardship workshops are offered by NJ Tree Foundation for the Ironbound and greater Newark community, especially those who received trees in the spring • Project team debriefs spring planting season to make improvements for future plantings • Project team prepares for Fall tree planting (outreach, sign ups, permits, etc.) • Fall planting season	• Next round of tree stewardship workshops is completed by August 30, 20 • Debrief is completed by July 31, 2025 • Fall planting is ready to commence by September 12, 2025 • Fall planting season is complete by November 30, 2025 • Debrief is completed by January 31, 2026 • Next round of tree stewardship workshops is completed by March 30, 2026 • Outreach and sign-ups are complete by March 30, 2026 • Trees are ready to be planted by April 10, 2026 • Spring planting completed by June 20, 2026 • Debrief is completed by July 31, 2026; Lessons Learned document is completed by September 30, 2023 • Final round of tree stewardship workshops is completed by August 30, 2026

• Project team debriefs fall planting season to make improvements for future plantings • Tree stewardship workshops are offered by NJ Tree Foundation for the Ironbound and greater Newark community, especially those who received trees in the fall • Outreach to residents and small businesses by project team to sign them up for next round of tree planting • Project team prepares for next round of tree planting (obtaining permits, cutting concrete, recruiting volunteers, etc.) • Spring Planting Season • Project team debriefs planting of trees and documents its lessons learned • Tree stewardship workshops are offered by NJ Tree Foundation for the Ironbound and greater Newark community, especially those who received trees in the spring	

3.1 Environmental Results – Outputs, Outcomes, and Performance Measures (Logic Model)

Project Outputs	Project Outcomes
• At least 150 trees are planted in the Ironbound section of Newark, NJ • At least 150 residents and small business owners are educated on proper tree stewardship and addressing quality of life issues • Lessons Learned document is created and made available for other communities looking to address urban heat island effect and increase climate resiliency in their neighborhood	• Tree canopy is increased in the Ironbound section of Newark, NJ, thus improving air quality, mitigating flooding, and lessening urban heat island effect • Residents and small business owners have increased awareness of how to properly care for and maintain trees and know who to go to with the city of Newark to address quality of life issues related to trees, air quality, flooding, and heat • A blueprint for community-led, collaborative tree planting exists for other environmental justice communities

Performance Measurement Plan

Resources/Inputs	Activities	Outputs	Outcomes

• Staff time • In-kind contributions • Project Materials, especially trees • Partnering Organizations	• Project start up • Outreach • Planting preparation • Tree Planting • Tree Stewardship and Environmental Justice Workshops	• At least 150 trees are planted in the Ironbound section of Newark, NJ • At least 150 residents and small business owners are educated on proper tree stewardship and addressing quality of life issues • Lessons Learned document is created and made available for other communities looking to address urban heat island effect and increase climate resiliency in their neighborhood	• Tree canopy is increased in the Ironbound section of Newark, NJ, thus improving air quality, mitigating flooding, and lessening urban heat island effect • Residents and small business owners have increased awareness of how to properly care for and maintain trees and know who to go to with the city of Newark to address quality of life issues related to trees, air quality, flooding, and heat

			• A blueprint for community-led, collaborative tree planting exists for other environmental justice communities

c. Sustainability Plan and Community Vision

This project advances both community plans like the 2015 South Ironbound Resiliency Action Plan (and the accompanying Newark Resiliency Action Plan) and the 2017 East Ironbound Equitable Development Plan and government-adopted plans that had robust community engagement like the Sustainability Action Plan last updated in 2019 and the 2022 Newark Master Plan and 2022 Northeast NJ Resiliency Action Plan. Residents and small businesses owners being trained in tree stewardship, environmental justice, and climate resiliency will build more ownership and sustainability of the project moving forward as residents continue to push for more trees and better maintenance of the ones they have now. Lastly, the proect will help environmental justice communities elsewhere in Newark, New Jersey, and the country learn about how to develop and implement a neighborhood-based tree planting program like this, through its Lessons Learned document.

4.1 Programmatic Capability

ICC has years of experience with environmental justice, even before it was a regularly accepted term. In the 1970s, ICC opened NJ's first public health information van, in response to high rates of illness at its pre-school and community school. Other major environmental justice campaigns include cleaning up the Diamond Alkali Superfund site (the fight continues to this day with the Passaic River Community Advisory Group), fighting against garbage incineration from the late 1980s until present, stopping the demolition of a historic park, and most recently, passing the strongest state environmental justice law in the country.

Maria Lopez-Nunez, (she/her), would be the prime staff person responsible for this work.In her role as Deputy Director of Advocacy and Organizing of Ironbound Community Corporation (ICC); she fights the bad and builds the new challenging the current political system, holding power brokers and polluters accountable while fighting for environmental, housing, immigrant, and racial justice. She has organized and helped the passage of historic and landmark city and state legislation such as Right to Counsel for Newark tenants, state-wide pandemic eviction protections and the NJ Environmental Justice Cumulative Impacts Bill, all of which will significantly increase the quality of life of those that are often deemed disposable.

Maria serves on the White House Environmental Justice Advisory Council (WHEJAC) and she is a Steering Committee member of the Climate Justice Alliance which unites communities for a Just Transition, the Coalition of Healthy Ports, and volunteers as a Board Member and trainer for ROOTS. She oversees a staff of eleven and a budget of nearly one million dollars. She is also a member of the Right to the City and Grassroots Global Justice Alliances.

ICC is led by an Executive Director with over 25 years of experience, including over a decade as ICC's Chief Financial Officer. The Accounting Department manages more than 50 grants and contracts, including federal grants from the Department of Health and Human Services and the US Environmental Protection Agency, state grants from the Departments of Education and the Department of Environmental Protection, and city grants such as Community Development Block Grants (CDBG) and the Neighborhood Stabilization Program (NSP2). Our various program directors have decades of leadership experience in their respective fields. Our success in developing and operating programs for more than four decades is reflected in independent evaluations, grant and contract renewals, clean annual audits, national awards and accreditations, and long-standing collaborations and partnerships. We have successfully managed several US EPA grants and cooperative agreements through close tracking of our stated outcomes and milestones. To effectively manage and complete the proposed project we will be doing weekly staff check-ins, keeping a monthly activity log and events calendar, tracking evaluation measures for stated outputs and outcomes, and reporting on all stated performance measures in a timely fashion.

5.1 Past Performance

ICC has an excellent track record of reporting outputs and outcomes for all our federal grants and cooperative agreements. We have consistently met our stated outputs in a timely fashion as part of three EJ Small Grant Projects, as well as our Urban Waters grant, Children's Environmental Healthy grant, Brownfields Area-Wide Planning grant, and our EPA CARE level I project. We have produced the necessary quarterly reports for all the grants listed below with both a narrative description of progress updates as well as a report of progress in a matrix formatted with our milestones, outcomes and outputs. We have been able to achieve our stated outcomes to date. We

have closed out all grants successfully, with the exception of our most recent EJ Small Grant, which will be closed out shortly as well having successfully completed those project goals. The following are the relevant federal grants and cooperative agreements:

Award #	Title	Amount	Years	Contact
EQ 96241722	EJSG/Ports Newark Communities for A Healthy Port	$75,000	3/2022-2/2023	Reema Loutan
EQ 96290813	Growing Green for Environmental Justice	$30,000	9/2013-8/2015*	Terry Wesley
UW 96298912	Passaic River Education & Outreach Project	$60,000	10/2012-9/2014	Cyndy Kopitsky
EQ 97206311	Ironbound EJ Gardening & Greening	$25,000	10/2011-9/2013*	Terry Wesley
CH 83511701	Early Education & Environmental Health in Newark, NJ	$100,000	10/2011-3/2013	Kathy Seikel

TR 83491001	East Ferry Street Neighborhood Brownfields Area Project	$175,000	10/2010- 12/2012	Aimee Storm
RE 97233101-0	Ironbound CARE Cumulative Impacts Project	$100,000	10/2009- 9/2011	Nikolaus Wirth

**We received extension for this project, but completed all project milestones and outputs and they were both closed out successfully.*

6.1 Quality Assurance Project Plan (QAPP) Information

After reviewing Appendix F, this project will not require a Quality Assurance Project Plan (QAPP).

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier: UDRJRENJZFN

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: New Jersey Environmental Justice Alliance

* b. Employer/Taxpayer Identification Number (EIN/TIN): 81-4338010

* c. UEI: UDRJRENJZFN1

d. Address:

* Street1: 45 Academy St
Street2:
* City: Newark
County/Parish:
* State: NJ: New Jersey
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 07102-2924

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Christine
Middle Name:
* Last Name: Limb
Suffix:

Title: grant writer

Organizational Affiliation: contractor

* Telephone Number: Ex. 6 - Personal Privacy (PP)
Fax Number:

* Email: grants@njeja.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

This project seeks to build an outreach network of grassroots EJ organizations and other stakeholders to educate residents about EJ issues and to provide a blueprint for government processes.

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: NJ-10 | * b. Program/Project: all

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 | * b. End Date: 10/31/2026

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	381,500.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	881,500.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: | * First Name: Melissa

Middle Name:

* Last Name: Miles

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 - Personal Privacy (PP) | Fax Number:

* Email: melissa@njeja.org

* Signature of Authorized Representative: Christine Limb | * Date Signed: 04/14/2023

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

NJ EJ Collaboration

Application
New
2023-04-14
UDRJRENJZFN
New Jersey Environmental Justice Alliance
81-4338010
UDRJRENJZFN1
45 Academy St
Newark
NJ: New Jersey
07102-2924
USA: UNITED STATES

Christine
Limb

grant writer
contractor
EX. 6 - Personal Privacy (PP)
grants@njeja.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
This project seeks to build an outreach network of grassroots EJ organizations and other stakeholders to educate residents about EJ issues and to provide a blueprint for government processes.
NJ-10
all

2023-11-01
2026-10-31
500000.00
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0.00
0.00
881500.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Melissa
Miles

Executive Director
EX. 6 - Personal Privacy (PP)
melissa@njeja.org
Christine Limb
2023-04-14

1234-Workplan.Final.pdf
application/pdf
f3dbD9k7KliIrBONvT/8oSTG4tw=

1235-Proposed DEP Env Education Curriculum.pdf
application/pdf
xXlM4zREjav2RK9Eg5DES2Wzty8=

New Jersey Environmental Justice Alliance
45 Academy St
Newark
NJ: New Jersey
07102-2924

UDRJRENJZFN1
Melissa Miles
EX. 6 - Personal Privacy (PP)
melissa@njeja.org
Executive Director
Y: Yes
n/a
n/a
n/a
N: No
N: No
n/a
Y: Yes
N: No
Y: Yes
N: No

Y: Yes
Y: Yes
yes
no
Christine Limb
Executive Director
2023-04-14

Ms.
Melissa
Miles

Executive Director
45 Academy St.
Newark
NJ: New Jersey
07102
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
melissa@njeja.org

Melissa
Miles

Executive Director
45 Academy St.
Newark
NJ: New Jersey
07102
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
melissa@njeja.org

Sarah
Baldwin

Operations Manager
45 Academy St.
Newark
NJ: New Jersey
07102
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
sarah@njeja.org

Dr.
Cynthia
Hall

Community Education Manager
Ex. 6 Personal Privacy (PP)

Newark
NJ: New Jersey
07102
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
cynthia@njeja.org

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Comms Manager= $60,000
Project Mgr. = $120,000
NJEJA staff = $200,000
Subawardees/Other = $240,000
Kean Univ. = $50,000
Video Editor = $60,000
Website mgmt. = $10,000
Stipends= $20,000
contractors for bus rental, website mgmt & video editor

1236-NJEJA IRS Determination Letter (1) (1).pdf
application/pdf
soo9BWZW81mGNym/VK/kb1GRflo=

1237-Logic Model.final.docx
application/vnd.openxmlformats-officedocument.wordprocessingml.document
dFw+XR1SeWyjoh8ZY/etZOX1Z2E=

1238-DEP Letter of support .pdf
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1239-Kean.Letter.p1.pdf
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1240-Kean.Letter.p2.pdf
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1241-OCEAN.Letter.pdf
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1242-NAAC.Partner Letter .pdf
application/pdf
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1243-Isles.Letter.pdf
application/pdf
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1244-Proposed DEP Env Education Curriculum.pdf
application/pdf
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1245-Itemized Budget Sheet.pdf
application/pdf
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1246-Kean.sheats cv .pdf
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1247-DEP.NAkbar_Resume_4.14.23.pdf
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1248-DEP.Resume_Kandyce Perry .pdf
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1249-OCEAN.Simmons.resume.pdf
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1250-NJEJA.Resume Summaries.pdf
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1251-NAAC.Barry.Resume.pdf
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1252-NAAC.Tyrese.resume.pdf
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2023-04-14T17:31:45.000-04:00
Christine Limb
GRANT13861765

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: DEC 08 2017

NEW JERSEY ENVIRONMENTAL JUSTICE
ALLIANCE INC
C/O ROBERT HOLMES
123 WASHINGTON ST 4TH FLR
NEWARK, NJ 07102

Employer Identification Number:
81-4338010
DLN:
17053136341047
Contact Person:
SHEILA M ROBINSON ID# 31220
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)
Accounting Period Ending:
December 31
Public Charity Status:
170(b)(1)(A)(vi)
Form 990/990-EZ/990-N Required:
Yes
Effective Date of Exemption:
April 9, 2015
Contribution Deductibility:
Yes
Addendum Applies:
No

Dear Applicant:

We're pleased to tell you we determined you're exempt from federal income tax under Internal Revenue Code (IRC) Section 501(c)(3). Donors can deduct contributions they make to you under IRC Section 170. You're also qualified to receive tax deductible bequests, devises, transfers or gifts under Section 2055, 2106, or 2522. This letter could help resolve questions on your exempt status. Please keep it for your records.

Organizations exempt under IRC Section 501(c)(3) are further classified as either public charities or private foundations. We determined you're a public charity under the IRC Section listed at the top of this letter.

If we indicated at the top of this letter that you're required to file Form 990/990-EZ/990-N, our records show you're required to file an annual information return (Form 990 or Form 990-EZ) or electronic notice (Form 990-N, the e-Postcard). If you don't file a required return or notice for three consecutive years, your exempt status will be automatically revoked.

If we indicated at the top of this letter that an addendum applies, the enclosed addendum is an integral part of this letter.

For important information about your responsibilities as a tax-exempt organization, go to www.irs.gov/charities. Enter "4221-PC" in the search bar to view Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, which describes your recordkeeping, reporting, and disclosure requirements.

Letter 947

State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF THE COMMISSIONER
401 East State Street
P.O. Box 402, Mail Code 401-07
Trenton, New Jersey 08625-0420
Tel. Ex. 6 - Personal Privacy (PP) • Fax Ex. 6 - Personal Privacy (PP)
www.nj.gov/dep

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

SHAWN M. LaTOURETTE
Commissioner

Partner Letter of Commitment

April 14, 2023

Melissa Miles
New Jersey Environmental Justice Alliance (NJEJA)
PO Box 1398
Summit, NJ 07902

Dear Ms. Miles,

The New Jersey Department of Environmental Protection is pleased to confirm our commitment to serve as a state government partner in support of the Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program anticipated to start on or about 11/1/2023 for a period of 36 months.

We understand that NJEJA will support this team by acting as the lead applicant and will provide overall project management for the Hub Leaders, hub member organizations and the seminar participants.

Our expectations are that DEP will:

- Attend relevant meetings with Hub Leaders and NJEJA
- Incorporate curriculum into DEP's Summer Youth Inclusion Program
- Pilot the curriculum at hub leader seminar
- Help plan and attend EJ tour
- Deliver trainings at Year 2 seminars
- Help plan and attend end of Year 2 graduation
- Collaborate to create virtual modules from the seminars
- Track financial and non-financial data
- Submit required reports

New Jersey is an Equal Opportunity Employer. Printed on Recycled Paper and Recyclable.

As the state's environmental regulatory authority, our mission makes the agency well suited to provide educational and technical assistance as described under this RFA. We can help communities understand the policies, regulations, and data we use to implement and enforce existing environmental laws and respond to emerging threats such as climate change. DEP's Office of Environmental Justice is tasked with assisting our state colleagues amend our internal practices and procedures toward a fairer and more equitable New Jersey, which improves the quality of life in the state's most vulnerable communities. Yet, in order to make effective changes that upend the status quo, the Department must be guided by feedback from frontline communities. By empowering those who are often outside of government decision-making processes, we will be able to better protect public health and the environment for all. This initiative to increase capacity so that communities can engage in environmental decision-making furthers our mission to advance equity and addresses our need for meaningful feedback from the state's environmental justice communities.

Sincerely,

Kandyce Perry

Kandyce C. Perry, Director
Office of Environmental Justice

isles
Self-Reliant Communities

BOARD OF TRUSTEES

Rukiya Blackwell, Esq.
Adrienne King
Liz Lempert
Stephen Longley
Tim Manahan
Karen McGuinness
Hemanshu Pandya
Manish Shah
Ronald Stark
Jeffrey Stoller
Matthew Wasserman
Ross Wishnick

Sean Jackson, CEO
ex-officio

Marty Johnson,
Founder & Advisor

Isles, Inc.
10 Wood Street
Trenton, NJ 08618
Ex. 6 - Personal Privacy (PP)
www.Isles.org

April 14, 2023

Melissa Miles
New Jersey Environmental Justice Alliance (NJEJA)
PO Box 1398
Summit, NJ 07902

Dear Ms. Miles,

Isles, Inc. is pleased to confirm our commitment to serve as one of the Hub Leaders in support of the Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program anticipated to start on or about 11/1/2023 for a period of 36 months. Founded in 1981, Isles, Inc. is a community development and environmental organization based in Trenton, New Jersey. With a mission to foster self-reliant families and healthy, sustainable communities, we design and develop effective services that support this mission and share what we learn with others who can make a difference. We look forward to being a part of this important and innovative project that will empower and strengthen community members to be active and engaged participants in addressing environmental issues in their communities.

We understand that NJEJA will support this team by acting as the lead applicant and will provide overall project management for the Hub Leaders, hub member organizations and the seminar participants. As the Trenton-based hub leader, Isles commits to:

- Attend relevant meetings with Hub Leaders and NJEJA
- Recruit member organizations and participants living and working in and around Trenton, NJ
- Hire interpreters as needed
- Solicit feedback from member organizations and participants
- Host one hybrid recruiting meeting for local member orgs
- Help plan and attend an Environmental Justice tour
- Track financial and non-financial data
- Submit required reports

For our expertise and participation, NJEJA will award Isles $80,000 over the three years of the grant, which will cover staff time and the costs associated with performing the work described above, as well as the costs of at least one locally-hosted seminar as part of the grant goals.

Our mission makes us well-suited to provide outreach and technical assistance as described under this RFA, and we have a long track record of educating and empowering communities to address pressing Environmental Justice threats. Our neighborhood-based engagement in Trenton and the surrounding communities will enable community members who are often overlooked to become active participants in addressing environmental justice harms. We look forward to engaging in this exciting and important project, and commit our participation and invested involvement in ensuring the project's goals are met.

Sincerely,

Michael Nordquist
Managing Director, Community Services

Tyrese Gould Jacinto, President/CEO

Mark Gould, VP Director of Programs

Native American Advancement Corporation

Partner Letter of Commitment

April 13, 2023

Tyrese Gould Jacinto
Native American Advancement Corporation (NAAC)
PO Box 824
17 E. Commerce Street, 1ST Floor
Bridgeton, NJ 08302-1919

Melissa Miles
New Jersey Environmental Justice Alliance (NJEJA)
PO Box 1398
Summit, NJ 07902

Dear Ms. Miles:

Native American Advancement Corporation is pleased to confirm our commitment to serving as one of the Hub Leaders in support of the Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program, anticipated to start on or about 11/1/2023 for a period of 36 months.

We understand that NJEJA will support this team by acting as the lead applicant and will provide overall project management for the Hub Leaders, hub member organizations, and the seminar participants.

Our expectations are that NAAC will:

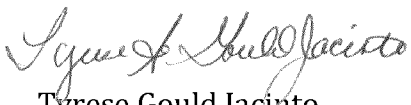
- Attend relevant meetings with Hub Leaders and NJEJA
- Recruit member organizations and participants
- Hire Interpreters as needed
- Solicit feedback from member orgs and participants
- Host one hybrid recruiting meeting for local member orgs
- Help plan and attend an EJ tour
- Track financial and non-financial data
- Submit required reports

For our expertise and participation, NJEJA will award NAAC:

- Year 1 = $20,000
- Year 2 = $30,000
- Year 3 = $30,000 as an advisory committee honorarium

Our mission makes us well-suited to provide outreach and technical assistance as described under this RFA, and we have a long track record of educating and empowering communities to address pressing Environmental Justice threats.

Sincerely,



Tyrese Gould Jacinto
President and CEO

PO Box 824. * Bridgeton, New Jersey 08302 * Tel: Ex. 6 - Personal Privacy (PP) **Fax:** Ex. 6 - Personal Privacy (PP)

Community Action PARTNERSHIP

Helping People. Changing Lives.
www.oceaninc.org

O.C.E.A.N., Inc.

P.O. Box 1029 Toms River, NJ 08754-1029
Tel. Ex. 6 - Personal Privacy (PP) Fax. Ex. 6 - Personal Privacy (PP)

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Anita Woolery
Chairperson
Glynis Jean Wray
Vice Chairperson and
Policy Council Liaison
Tracey Lynn Triniwell
Treasurer
Mary Guarin
Board Secretary

BOARD MEMBERS
Jennifer L. Barnes, Esq.
Marion Callazzo
Ernest Coursey
Henry Jackson, Ed.D.
Shamalia Sheikh

BOARD ATTORNEY
Stephen Smith, Esq.

ADMINISTRATION
Mr. Channell B. Wilkins
President /CEO

CLIENT SERVICES Reply To:

HEAD START / OCEAN, INC. KIDS CENTERS

Brick
503 Adamston Road
Brick, NJ 08723-6456
Tel. Ex. 6 - Personal Privacy (PP)

Manchester
2950 Wilbur Avenue
Manchester, NJ 08759-6021
Tel. Ex. 6 - Personal Privacy (PP)

Toms River
1 College Drive
Toms River, NJ 08753-2239
Tel. Ex. 6 - Personal Privacy (PP)

Lakewood
30 Eighth Street
Lakewood, NJ 08701-1901
Tel. Ex. 6 - Personal Privacy (PP)

WEATHERIZATION
P.O. Box 1029,
Toms River NJ 08754-1029
Ex. 6 - Personal Privacy (PP)

HOME ENERGY ASSISTANCE
P.O. Box 1029
Toms River
NJ. 08754-1029
Ex. 6 Personal Privacy (PP)

GALLOWAY Home Energy,
76W Jimmie Leeds
Rd., Suite 103,
Galloway, NJ 08205
Ex. 6 - Personal Privacy (PP)

April 13, 2023

OCEAN, Inc.
P.O. Box 1029
40 Washington Street
Toms River, New Jersey 08754

New Jersey Environmental Justice Alliance (NJEJA)
P.O. Box 1398
Summit, New Jersey 07954

Dear Ms. Miles,

OCEAN Inc. is pleased to confirm our commitment to serve as one of the Hub Leaders in support of the Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program anticipated to start on or about 11/1/2023 for a period of 36 months.

We understand that NJEJA will support this team by acting as the lead applicant and will provide overall project management for the Hub Leaders, hub member organizations and the seminar participants.

Our expectations are that {OCEAN Inc.} will:

* Attend relevant meetings with Hub Leaders and NJEJA
* Recruit member organizations and participants
* Hire Interpreters as needed
* Solicit feedback from member orgs and participants
* Host one hybrid recruiting meeting for local member orgs
* Help plan and attend an EJ tour
* Track financial and non-financial data
* Submit required reports

OCEAN Inc. Is actively engaged in community and environmental issues throughout the coastal communities in New Jersey. We are often seen/used as an intermediary agency for smaller non- profits focused on emerging issues with expertise in varying areas related

to Shore Community needs and assessments. As our lead for this hub we would be engaging L. Simmons Ex. 6 Personal Privacy (PP) who brings an enhanced understanding of environmental justice as well as Community College Teaching experience in order to ensure information is tailored to allow the maximal understanding for the myriad of constituents we serve.

For our expertise and participation, NJEJA will award OCEAN Inc.:

* Year 1 = $20,000
* Year 2 = $30,000
* Year 3 = $30,000 as an advisory committee honorarium

Our mission makes us well-suited to provide outreach and technical assistance as described under this RFA, and we have a long track record of educating and empowering communities to address pressing Environmental Justice threats.

Sincerely,

Channell Wilkins
CEO

Ex. 6 Personal Privacy (PP)
Trenton, NJ 08638
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EMPLOYMENT

March 2021 to present
Center for the Urban Environment, John S. Watson Institute for Urban Policy and Research at Kean University Union, NJ
Director. Provide leadership for policy center that works on policy, scientific, legal and financial issues that affect the state's and nation's environmental justice communities.

September 2005 to March 2021
Center for the Urban Environment, John S. Watson Institute for Public Policy of Thomas Edison State University, Trenton, NJ.
Director. Provide leadership for policy center that works on financial, policy, legal and scientific issues that affect the state's and nation's environmental justice communities.

October 2002 to September 2005
Columbia University Earth Institute, New York, NY
Post-doctoral fellow. Conducted research on urban air pollution with scientists at the Lamont-Doherty Earth Observatory and the Department of Environmental Health Sciences in the School of Public Health at Columbia University. Also worked extensively with the NJ Environmental Justice Alliance on airborne particulate matter pollution issues.

January 2001 to January 2002
Environmental Defense, New York, NY
Attorney and science fellow. Wrote comments on CAFO regulations proposed by EPA and organized a workshop on the environmental impacts of aquaculture, for this nation-wide, non-profit, environmental advocacy organization.

January 1991 to September 1991
Legal Outreach, Inc., New York, NY
Instructor. Instructed junior high school students, high school students, and high school teachers in the law. Also supervised NYU Law School students' instruction of junior high school students.

August 1989 to February 1990
Essex Newark Legal Services, Newark, NJ
August 1989: *Housing unit supervisor*. Represented, and supervised the representation of, indigent clients in landlord/tenant and housing cases.
September 1989 to February 1990: *Part time staff attorney*. Represented above-mentioned clients.

August 1985 to February 1989
Middlesex Trial Region of Public Defender's Office New Brunswick, NJ
Senior trial attorney. Represented juvenile and adult defendants accused of crimes who could not afford private attorneys.

September 1983 to September 1985
Reginald Heber Smith Community Lawyer Fellow, Camden, NJ
Placed at the Camden Unit of Camden Regional Legal Services, Inc. Represented indigent clients in landlord/tenant and housing cases.

September 1982 to September 1983
District of Columbia Court of Appeals, Washington, D.C.
Law clerk. Served as law clerk to Chief Judge Theodore Newman. Conducted legal research, drafted legal memoranda and draft opinions.

EDUCATION

September 1991 to June 2000	**Harvard University, Graduate School of Arts and Sciences, Cambridge, MA** Completed all requirements for Ph.D. from the Department of Earth and Planetary Sciences in June 2000; degree conferred November 2000. Field: biological oceanography; specialty: stable isotope biogeochemistry.
February 1989 to December 1990	**City College of New York, New York, NY** Completed undergraduate curriculum in biological oceanography which consisted of pre-medical school courses and additional biology and geology courses.
1978-1982	**Harvard Law School and John F. Kennedy School of Government, Harvard University, Cambridge, MA** Earned J.D., June 1982 and Master of Public Policy, June 1983
1974-1978	**Princeton University, Princeton, NJ** Earned A.B., Economics
1971-1974	**Ewing High School, Trenton, NJ** Earned diploma

BAR MEMBERSHIPS

District of Columbia Bar
Inactive member of District of Columbia Bar. Passed the 1982 District of Columbia Bar Examination.

New Jersey Bar
Member of New Jersey Bar since summer of 1985. Passed the February 1984 New Jersey Bar Examination.

PROFESIONAL AFFILIATIONS and APPOINTMENTS

UNIVERSITY

October 2015 to September 2016	**New School, New York City** *Visiting scholar.* Participated on a panel on environmental justice and EPA's Clean Power Plan, authored published paper on same topic, participated in two webinars on same topic, spoke to a class and students at a career session.
Spring 2002	**The College of New Jersey, Trenton, NJ** *Visiting scholar*. Lectured in selected classes and helped organize a conference on environmental justice issues.

GOVERNMENTAL

March 2021 to present	**White House Environmental Justice Advisory Council** Serving on this council that advises the Council on Environmental Quality on environmental justice issues and concepts.

Spring 2019 to present	**House of Representatives Natural Resources Committee Environmental Justice Advisory Committee, U.S.** Member of committee that provides advice on environmental justice issues and concepts.
July 2012 to September 2018	**National Environmental Justice Advisory Council, U.S.** *Member.* Served on council that advises EPA on environmental justice issues.
November 2017 to January 2018	**Governor Phil Murphy Transition Team, NJ** *Member.* Served on environmental committee of transition team.
February 2010 to Spring 2017	**New Jersey Clean Air Advisory Council, NJ** *Member.* Served on advisory council to the NJ Department of Environmental Protection.
Fall 2010 to Winter 2016	**EPA Clean Air Act Advisory Committee, U.S.** *Member.* Served on committee that advises EPA on matters related to air quality.
Spring 2013 to Spring 2014	**National Climate Assessment** *Co-author.* Helped write human health chapter of national report that assesses climate change impacts on the U.S.
Spring 2009 to fall 2010	**National Environmental Justice Advisory Council Working Group on Air Toxics, Schools and Community Involvement** *Member.* Served on working group that advised EPA on how to increase community participation in air monitoring performed near schools.
Not-for-Profits	
Summer 2002 to present	**New Jersey Environmental Justice Alliance, NJ** *Chair, Board of Directors.* Chairing the Board of the only statewide environmental organization in NJ that focuses solely on environmental justice issues. Have served in this capacity since 2015. Prior to 2015 served in various leadership and non-leadership capacities.
January 2008 to present	**Environmental Justice Leadership Forum, U.S.** *Member, Steering Committee.* Serving on national coalition of environmental justice advocates and organizations that develops public policy from an environmental justice perspective.
2008 to present	**Coalition for Healthy Ports, NJ** *Member, Steering Committee.* Serving on coalition of environmental justice and environmental organizations, labor organizations, faith-based organizations and academics that works to reduce air pollution produced by the Port of New York/New Jersey and to improve the quality of life of port related truck drivers.
Fall 2009 to present	**Environmental Justice and Science Initiative, U.S.** *Co-director.* Working to obtain scientific support for the environmental justice movement.
Spring 2011 to present	**New Jersey Climate Adaptation Alliance, New Brunswick, NJ** *Member.* Serving on the advisory committee focused on bringing together a diversity of stakeholders to address climate change issues in NJ.

January 2013 to present	**Center for Earth, Energy and Democracy, Minneapolis, MN** *Member, Board of Directors.* Serving on Board of environmental justice organization that focuses on providing research and other technical assistance to the environmental justice community.
October 2018 to present	**Equitable and Just National Climate Platform, U.S.** Co-chairing a workgroup for initiative that convenes a number of environmental justice and environmental groups in an effort to find common ground on critical policy issues.
April 2018 to July 2019	**Environmental Justice Acts of 2018 and 2019, U.S.** Led national effort to gather ideas from environmental justice groups on possible national environmental justice legislation.
February 2010 to Sept. 2011	**Ironbound CARE Community Working Group, Newark, NJ** *Member.* Served on working group that conducted an environmental health scan of the Ironbound community in Newark, NJ.
Spring 2007 to Summer 2010	**GreenFaith, New Brunswick, NJ** *Member, Board of Directors.* Served on the Board of faith-based, non-denominational environmental advocacy organization.
Summer 2009 to Spring 2010	**Policy Task Force for New Orleans and the Delta Region, New Orleans, LA** *Member.* Served on task force formed by the Deep South Center for Environmental Justice at Dillard University that provided advice to New Orleans on the recovery of the city from an environmental justice perspective.
Fall 2009 to Spring 2010	**Trenton CARE Community Working Group, Trenton, NJ** *Member.* Served on working group that conducted an environmental health scan of Trenton, NJ.

PRESENTATIONS (selected)

April 2021	**University of Massachusetts at Amherst, Amherst, MA** Virtual presentation on climate change mitigation policy from an EJ perspective for the university's School of Public Policy.
April 2021	**Spelman College, Atlanta, GA** Virtual presentation on achieving mandatory emissions reductions for EJ communities through climate change mitigation policy at this climate change symposium.
February 2021	**American Law Institute Continuing Legal Education and the Environmental Law Institute** Virtual presentation on cumulative impacts and NJ's new cumulative impacts law at this premiere annual environmental law conference.
February 2021	**University of Florida, Levin College of Law, Gainesville, FL** Virtual presentation on climate change mitigation policy from an EJ perspective for this environmental conference.
September 2020	**Princeton University, Princeton, NJ** Virtual presentation on climate change mitigation policy from an EJ perspective for the Center for Policy Research on Energy and the Environment at Princeton University.

February 2020	**University of Pennsylvania Law School, Philadelphia, PA** Presentation on environmental justice at conference on lawyering for racial and economic justice.
November 2019	**HBCU Annual Climate Change Conference, New Orleans, LA** Presentation on emissions reductions for environmental justice communities through climate change mitigation policy.
November 2019	**American Public Health Association Annual Conference, Phil., PA** Presentation on cumulative impacts policy at a town hall on cumulative impacts at this annual conference. Also helped organize the town hall.
June 2019	**U.S. House of Representatives Natural Resources Committee, Washington, D.C.** Presentation on environmental justice, cumulative impacts and mandatory emissions reductions for EJ communities at a national environmental justice convening organized by this House Committee.
April 2018	**NJ Environmental Justice Alliance and Center for American Progress Climate and Environmental Justice Summit, Trenton, NJ** Presentation on climate change policy, the Reginal Greenhouse Gas Initiative and environmental justice.
April 2018	**Widener Law School, Wilmington, DE** Presentation on cumulative impacts and environmental justice at an environmental justice and dignity rights conference organized by Widener Law School, the Environmental Justice Health Alliance and Concerned Citizens of Delaware.
November 2017	**New Jersey Bar Association Continuing Legal Education Seminar on Environmental Litigation, New Brunswick, NJ** Presentation on environmental law and environmental justice.
October 2017	**EPA, Minnesota Pollution Control Agency and Center for Earth, Energy and Democracy Air Pollution Permits Commenting Community Training, Minneapolis, MN.** Presentation on why EJ communities should comment on air pollution permits.
May 2017	**New Jersey Grantmakers Association Panel Discussion, Newark, NJ** Presentation on environmental justice during the new administration.
March 2017	**Rutgers University Bloustein School of Planning and Public Policy, New Brunswick, NJ** Presentation on the cumulative impacts ordinance adopted by the city of Newark.
January 2017	**American Association for the Advancement of Science Human Rights and Water Conference, Washington, DC** Presentation on scientists working with environmental justice communities.
December 2016	**American Geophysical Union Annual Conference, San Francisco, CA** Presentation on scientists working with environmental justice communities.
October 2016	**Building Equity and Alignment Clean Power Plan Conference, Houston, NJ** Presentation on environmental justice and the Clean Power Plan.

October 2016	**NJ Spotlight Conference, Newark, NJ** Presentation on environmental justice.
October 2015	**New School, New York, NY** Presentation on emissions reductions for environmental justice communities and the Clean Power Plan.
March 2015	**Seton Hall Law School, Newark, NJ** Presentation on cumulative impacts, environmental justice and land use law at a conference on land use law organized by Appleseed, a public interest law firm.
February 2015	**Environmental Grantmakers Association Policy Conference, Washington, D.C.** Presentation on environmental justice and the Clean Power Plan at this national conference.
October 2014	**National Environmental Justice Advisory Council, Washington, D.C.** Organized a panel and presented a talk on environmental justice concerns with EPA's Clean Power Plan to this EPA advisory council.
February 2014	**Fordham Law School, New York, NY** Presentation on Hurricane Sandy, Climate Change and Environmental Justice at this climate change conference organized by the Fordham Environmental Law Review.
March 2013	**University of Massachusetts at Amherst** Presentation on the recent history of environmental justice and climate change policy to a research group at this university.
July 2012	**Hearing on Power Plant Air Pollution Permit Application, Newark, NJ** Testified at the request of local community group at this NJ Dept. of Environmental Protection hearing.
April 2012	**Rutgers University Symposium on Planning Healthy, Sustainable Communities, New Brunswick, NJ.** Presentation on cumulative impacts at conference organized by the Bloustein School of Planning and Public Policy.
September 2011	**Deep South Center for Environmental Justice at Dillard University, New Orleans, LA.** Presentation on air pollution at this community meeting that focused on the disposal of wastes from the Gulf oil spill.
March 2011	**University of Pennsylvania Law School, Philadelphia PA** Panelist on environmental justice at a conference organized by the public service program at the law school.

WRITINGS (selected)

Peer Reviewed

Ex. 6 Personal Privacy (PP) *Second edition of book chapter originally published in 2015.* Ch. 15: Protecting Environmental Justice Communities From The Detrimental Impacts of Climate Change, in Luber. G. and J. Lernery (Eds.), Global Climate Change and Human Health – From Science to Practice, (pp. 431-465), Jossey-Bass A. Wiley Brand, San Francisco. *In preparation.*

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(Eds.), Climate Change Impacts in the United States: The Third National Climate Assessment, (pp. 220-256). U.S. Global Change Research Program, doi:10.7930/J0PN93H5.

Ex. 6 Personal Privacy (PP)
1999. Using Stable Isotopes to Trace Sewage-Derived Material Through Boston Harbor and Massachusetts Bay, *Marine Environmental Research* 48:353-375.

Professional

June 2021 — New Jersey Environmental Justice Alliance comments on the Advanced Clean Trucks Program and Fleet Reporting Requirements Proposed Rule submitted to the NJ Department of Environmental Protection, prepared Ex. 6 Personal Privacy (PP)

April 2020 — New Jersey Environmental Justice Alliance comments on State of New Jersey Energy Efficiency Straw Proposal, submitted to the New Jersey Board of Public Utilities, Ex. 6 Personal Privacy (PP)

March 2020 — New Jersey Environmental Justice Alliance comments on proposed changes to NEPA regulations, submitted to the Council on Environmental Quality, prepared by Ex. 6 Personal Privacy (PP)

November 2018 — New Jersey Environmental Justice Alliance, comments on the proposed rules for the Community Solar Pilot Program, submitted to the NJ Board of Public Utilities, prepared by Ex. 6 Personal Privacy (PP)

July 2017 — New Jersey Environmental Justice Alliance Climate Change and Energy Policy Platform, this is a short policy memorandum prepared by Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP)

January 2016 — Ex. 6 Personal Privacy (PP) Comments submitted on behalf of the NJ Environmental Justice Alliance to the EPA on the proposed Federal Plan (associated with the Clean Power Plan).

December 2015 — Ex. 6 Personal Privacy (PP) Comments submitted on behalf of the NJ Environmental Justice Alliance to the EPA on the proposed Clean Power Plan.

June 2014 — Ex. 6 Personal Privacy (PP) Stakeholder Engagement Report for the New Jersey Environmental Justice Alliance and New Jersey Climate Change Adaptation Alliance entitled "Environmental Justice. Climate Change Preparedness in New Jersey."

March 2013 — Ex. 6 Personal Privacy (PP) Comments submitted on behalf of the NJ Environmental Justice Alliance to the U.S. Coast Guard on the environmental assessment on the raising of the Bayonne Bridge.

August 2012 — Ex. 6 Personal Privacy (PP) Comments submitted on behalf of the NJ Environmental Justice Alliance to the NJ Dept. of Environmental Protection on the Hess power plant's application for an air pollution permit.

July 2011 — Ex. 6 Personal Privacy (PP) Short concept memorandum submitted to the NJ U.S. Attorney's Office and the U.S. Department of Justice on legal issues and environmental justice.

April 2009 — Ex. 6 Personal Privacy (PP) "New Jersey Environmental Justice Alliance Toxic Air Reduction Policy". Short position paper on fine particulate matter.

Summer 2008 — Ex. 6 Personal Privacy (PP) Redacted Comments submitted to the NJ Department of Environmental Protection on the NJ Fine Particulate Matter State Implementation Plan.

Summer 2008 — Ex. 6 Personal Privacy (PP) Comments submitted to the NJ Department of Environmental Protection on its proposed rules for the Regional Greenhouse Gas Initiative.

INSTRUCTIONAL EXPERIENCE

Summer 2000, January 1992 & January-August 1991 — **Legal Outreach, Inc., New York, NY**
Instructor. This private, non-profit organization uses law school teaching methods to prepare New York City teenagers for college. In the summer of 2000 taught criminal law and trial practice methods to ninth graders in organization's Brooklyn Summer Law Institute; in January 1992 taught criminal law in training session for high school teachers; see above under employment for description of duties from January-August 1991.

Spring 1995 & 1996 — **Harvard University, Cambridge, MA**
Course developer and teaching fellow. Initiated, co-created and helped teach course on environmental justice issues for an undergraduate concentration in Environmental Science and Public Policy.

Spring 1993 — **Harvard University, Cambridge, MA**
Teaching fellow. Served as a teaching fellow for an undergraduate course in introductory oceanography offered through undergraduate core curriculum.

Fall 1992 — **Harvard University, Cambridge, MA**
Teaching fellow. Served as a teaching fellow for seminar, "Environmental Science and Public Policy", Department of Earth and Planetary Sciences.

Summer 1987 — **Legal Services of New Jersey, NJ**
Instructor. Week-long litigation training session for new attorneys sponsored by Legal Services of New Jersey.

AWARDS

October 2019 — **WEACT for Environmental Justice,** award was given for environmental justice work.

October 2018 — **Ironbound Community Corporation** community service award.

April 2017	**Clean Water Action** community service award.
December 2015	**Work Environment Council** community service award.
April 2012	**EPA** community service award.
October 2008	**GreenFaith** community service award.
November	**Rhode Island University Black Awards** community service award.

LEADERSHIP, SERVICE and OTHER ACTIVITIES (selected)

Summer 2007 to present	**Legal Outreach, Inc., New York, NY** *Member, Board of Directors*. Served on the Board of non-profit organization that uses law school teaching methods to prepare New York City teenagers for college.
Fall 2001 to Spring 2003	**MentorPower (formerly Environmentors), Trenton, NJ** *Mentor* and *member of Board of Directors*. Served on the Board and as a mentor for program that used environmental science projects to develop a mentoring relationship between adults and high school students.
Fall 1999, Spring 1995 to Spring 1998	**Paul Robeson Institute of Concerned Black Men of Massachusetts, Inc., Boston, MA.** *Volunteer science instructor.* Served as an instructor in Saturday academic enrichment program for Black males in grades 3 - 8.
1993	**Prisoner Legal Assistant Project, Harvard Law School, Cambridge, MA** *Volunteer counsel.* Represented inmate in a Petition for Writ of Habeas Corpus.
1992 through Spring 1994	**Cambridge Rindge & Latin High School, Cambridge, MA** *Volunteer instructor*. Taught a law class in this public high school.
Fall 1992 to Summer 2000	**Harvard University, Cambridge, MA** *Resident Race Relations Tutor/Resident Scholar*. Attempted to increase understanding of racial issues while advising students in a dormitory setting.
1978-1982	**Harvard Law School & Kennedy School of Government, Harvard University, Cambridge, MA.** *Founder* and *Chair*, Third World Coalition; *Vice-President*, Black Law Students Association; Co-*founder* and *Vice-President*, Harvard University Black Students Association; Harvard Defenders; law school admissions activity.
1974-1978	**Princeton University, Princeton, NJ** Varsity baseball, semi-pro baseball, varsity lightweight football, student government, third world center, radio station.

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EXPERTISE IN DELIVERING SUSTAINABLE ENVIRONMENTAL CONSULTING SERVICES, CULTIVATING BUSINESS RELATIONSHIPS, REDUCING RISK AND COST MANAGEMENT SOLUTIONS

ENVIRONMENTAL CONSULTANT

BUSINESS DEVELOPMENT ■ ENVIRONMENTAL MANAGEMENT ■ LEADERSHIP

Accomplished Environmental Leader with over twenty years of technical and management responsibility involving hazardous materials management, industrial hygiene, environmental site assessments and indoor air quality. Former Project Director with, Con-Test, ATC, ESTI/ESTCL and Warren &Panzer engineers, full service environmental consulting firms.

Distinguished record of accomplishments building organizations and infrastructure from ground up. Expertise in leading environmental projects from concept to completion from business development and managing teams to client relations and ensuring financial viability.

- Biological Containment Assessment Hazardous Materials Management
- Emergency Response /Compliance Management
- Right to Know Inspections
- Asbestos Surveys and Management
- Industrial Hygiene / Indoor Air Quality
- Lead Based Paint Management
- Environmental Management

NOTABLE CONTRIBUTIONS

- Rowen University, University of Phoenix, Keiser University, and Ashford University – Adjunct professor Environmental studies, Environment Policy, Biology.
- Developed, financed, built and managed a $10 M ,100-acre green hotel property in the Caribbean.
- Team leader for a $15M Trinidad contract in 18 months from concept to project mobilization
- Port Development Consortia, Trinidad, and Tobago – environmental impact assessment
- Team leader for a solid waste management plan development in Kisumu Kenya
- Port Authority of New York and NJ Hazmat contract manager
- Verizon Communications Hazmat contract manager NY, NJ, PA
- SCA NY Hazardous Materials client manager, Asbestos, LBP, PCBs, and other hazardous materials
- Defense Canada – Limited Asbestos Hazardous Materials Building Survey (Vermiculite Survey)
- Canadian Imperial Bank of Commerce (CIBC) – biological sampling for indoor building contaminants, Ottawa
- Algonquin College, Ontario – provided services specific to certificate of compliance permits and hazardous material management
- Helmsley Spear Facilities, New York City Right to Know (SARA Title 111) audit
- Indoor Air Quality study for Channel 13 (PBS), New York City
- AHERA re-inspection of the school district of Philadelphia: 18 million square feet
- Lead in water monitoring of the school district of Philadelphia: 350 facilities
- Industrial Hygiene Audit, Standard Tool, New Jersey
- The Philadelphia Housing Authority Lead Based Paint Program management
- The General Services Administration, Industrial Hygiene Exposure, monitoring of lead paint removal workers
- Wilmington Delaware Housing Authority, comprehensive environmental management audit and program development
- Harrisburg, Pennsylvania Housing Authority, mold testing, abatement design and management

EMPLOYMENT HISTORY

Vice President, SEMCI. 03/13-Present

- Developed the new service offerings
- Direct client manager
- Established a consulting service relationship with new and existing clients
- Hired staff and directed project managers to support staff to fulfill their client's service needs

Director, Warren & Panzer, New York, NY 09/08 – 3/13

- Managed, SCA, DOE, Verizon, PANYNJ, NYCHA, CUNY and other large clients
- Developed business by diversifying product line and firm's geographical service areas as well as maintaining excellent client relations
- Focused on the daily delivery on service to the clients

President, ESTI/ESTCL, Cherry Hill, NJ 12/95 –09/08

- Developed new Fortune 500 clients which included Philip Morris, Verizon, AT&T, WorldCom, Federated Stores and Equiva
- Involved in the day-to-day delivery of services to clients and the development of facilities and companywide environmental management programs for clients
- Expanded the main office from its original service area of Philadelphia, Pennsylvania to branch offices in Harrisburg, Pennsylvania; Laurel, Maryland; Cherry Hill, New Jersey, New York City, New York, Toronto, Canada and Port of Spain, Trinidad
- Evolved service areas from full service environmental management to eventually include turnkey construction management

Branch Manager, Con-Test/ATC, Air and Water Engineering, Philadelphia, PA 3/91 – 12/95

- Developed the Delaware Valley Regional Office
- Increased sales volume from $0 to $3.0 million annually, with a total sales value of $4.0 million in 1994
- Established a consulting service relationship with new and existing clients
- Hired all staff and directed field support staff to fulfill the client's service needs
- Met client and corporate project demands, including time requirements, cost, quality, invoicing and collections.

Environmental Hygienist, Con-Test, Inc. Air and Water Engineering, New York City, NY 3/89 – 3/91

- Conducted environmental field surveys, monitoring and sampling
- Performed indoor air quality studies
- Completed routine site assessments and hazardous materials investigations
- Submitted field analysis reports according to established protocols and project requirements
- Organized and interpreted sample results and field data control methods
- Prepared proposals, technical reports and documentation as required

EDUCATION / REGISTRATION/CERTIFICATIONS

Master of Science/Environmental Science, Drexel University
Master of Business Administration, Capella University
Bachelor of Arts/Biology, City College, City University of New York

- Registered Georgia Institute of Technology Lead Hazard and LBP Risk Assessment Training
- 40 Hour Hazardous Materials Health and Safety Training
- Microbiological Sampling and Assessment of indoor environments
- 16 Hour Basic Indoor Air Environmental Hygiene Quality Evaluation Course
- 8 Hour Confined Space Entry Training
- EPA AHERA Asbestos Building Inspector

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CAREER PROFILE:

Environmental professional with eight years' experience working on environmental policy in local and state government and the nonprofit sector on issues including, but not limited to: environmental and climate justice, resiliency, water infrastructure, green stormwater infrastructure, brownfield redevelopment. My personal mission is to collaborate with multiple stakeholders to create resilient and just communities for all. Areas of expertise include policy development and implementation, systems change theory, stakeholder engagement and community outreach, organizational diversity, equity and inclusion, and public speaking

CAREER HIGHLIGHTS:

- Planned "town hall-style" sessions for the NJ Commissioner of Environmental Protection to hear directly from impacted communities about their local environmental justice issues. Executed eight sessions since the lifting of the COVID-19 restrictions in Nov. 2021
- Authored "Green Streets" section of Complete & Green Streets for All: Model Policy and Guide published by New Jersey Department of Transportation as a means to achieve green local, county, and state roadways
- Employed successful advocacy and strategic coalition building strategies between opposing real estate and environmental communities leading to new NJ state-level regulations requiring developers to utilize green approaches to stormwater management, a significant and unprecedented paradigm shift in state stormwater regulations
- Oversaw creation of Developers' Green Infrastructure Guide 2.0 in print and online, which breaks down New Jersey's Stormwater Management Rule amendments and helps developers understand green infrastructure options (even for challenging development and redevelopment sites), advantages, costs, and benefits

PROFESSIONAL EXPERIENCE:

New Jersey Department of Environmental Protection— Trenton, NJ **July 2021-Present**

As an executive branch agency, the DEP implements the governor's vision to make New Jersey a stronger, fairer state by advancing innovative strategies to protect and enhance New Jersey's air, water, land, and the health of its residents.

Director, Office of Environmental Justice **July 2021-Present**

Reporting to the Commissioner (chief executive in Governor's cabinet), responsible for the management and oversight of the Office, which provides guidance to all New Jersey state departments and agencies on ways to incorporate EJ into their statutory and regulatory responsibilities, policies, programs, and core functions. Acts as a key contact for overburdened communities.

- Convenes the state's Environmental Justice Interagency Council and presented methodology for 20+ executive branch departments and agencies to assess their operations for current EJ best practices, systemic barriers preventing EJ, and opportunities to overcome said barriers as a precursor to development of a whole-of-government EJ Action Plan
- Incorporates feedback from EJ advocates into DEP's policy and practice by convening the state's 18-member EJ Advisory Council. Oversees the Commissioner's appointment of new councilmembers after 3-year terms expire
- Restructured the Office by refreshing the Office's vision and redesigning its website
- Provides regular briefings to the NJ Governor's Office and NJ Dept. of Environmental Protection Commissioner on progress towards whole-of-government approach to environmental justice

New Jersey Future — Trenton, NJ **Oct 2015-Jun 2021**

Statewide NJ nonprofit, nonpartisan organization committed to pursuing greater justice, equity, diversity, and inclusion through its programs that promotes sensible and equitable growth, redevelopment, and infrastructure investments to foster healthy, strong, and resilient communities.

Director of Stormwater **Sep 2020-June 2021**

Directed New Jersey Future's strategies and programs to improve water quality and reduce flooding, including: the *Stormwater Utilities Program* and the *Mainstreaming Green Infrastructure Program*

- Lead work planning, priority setting, and budgeting for two foundation-provided grants. Ensured steady progress on grant deliverables was achieved. Oversaw preparation of foundation reports.
- Maintained relationships with state-level decision makers, foundation officers, close partners, and allies to achieve joint goals.
- Crafted original and compelling written communications to bolster the organization's positions and recommendations.

Planning and Policy Manager **Jul 2018–Sep 2020**

Managed *the Mainstreaming Green Infrastructure Program*, which advocates that green infrastructure (GI) be the first choice for stormwater management in New Jersey by providing technical assistance to municipal decision-makers, educating developers and their engineers on best design practices, and working with state agencies to improve state-level rules, policies, and guidance

- Wrote grant proposals, created and managed project work plans, wrote annual reports to track progress towards milestones
- Issued request for proposals and qualifications; drafted contracts to hire consultants and manage consultant deliverables
- Wrote blog posts; created promotional materials like webpages, flyers, and posters

- Staffed Green Infrastructure Committee of the Jersey Water Works Collaborative by advancing work plan items with members and planning and staffing meetings. (Oct 2015-Sep 2020)

Planning and Policy Associate **Oct 2015-Jul 2018**
Coordinated *Mainstreaming Green Infrastructure Program* and created *Developers' Green Infrastructure Guide* website.

Camden Redevelopment Agency — Camden, NJ **Jun 2015–Oct 2015**
Lead agency responsible for the redevelopment and environmental management of the city's brownfields.

Graduate Intern **Jun 2015–Oct 2015**
Developed an inventory of brownfield sites in specific neighborhoods for exploration of future redevelopment opportunities; revised the City of Camden's *Brownfields Redevelopment Strategic Plan* to include new redevelopment sites and created scoring criteria to recommend a hierarchy of priority sites; drafted memos briefing the Mayor and CRA Executive Director on crucial updates affecting the Agency and legislation impacting the State of New Jersey and brownfield redevelopment

EDUCATION:

University of Pennsylvania — Philadelphia, PA **May 2015**
Master of Environmental Studies, Concentration in Environmental Policy

Spelman College — Atlanta, GA **May 2013**
B.S. in Environmental Science, Summa Cum Laude, Phi Beta Kappa, Gates Millennium Scholar

PUBLIC SPEAKING ENGAGEMENTS:

- 2022 Governor's Youth Summit panel on Climate and Sustainability
- 2022 Environmental Council of the States: presented NJ's best practices and methodology for conducting an EJ Assessment
- 2021 ANJEC (Assoc. of NJ Environmental Commissions) Environmental Congress
- 2021 NJ Trails and Greenways Summit
- Two-hour lecture on the "Foundations of Environmental Justice" to 100 participants of the Rutgers, The State University of New Jersey's Environmental Stewards program (May 2021)
- Plenary panelist at 2017, 2019, and 2021 NJ Complete Streets Summit
- Provided testimony to NJ Clean Water Council on strategies to reduce nonpoint source pollution and to NJ Dept. of Environmental Protection on New Jersey Future's comments on the state's Stormwater Management Rule proposal

LEADERSHIP:

Outdoor Equity Alliance **Jan 2021–Jun 2021**
Contributed to development of 3-year strategic plan for newly formed organization whose mission is to create and implement attractive, accessible, and equitable educational experiences and career opportunities for people of all ages, races and ethnicities, income levels and abilities, with a focus on people of color, to enjoy nature and become stewards of the outdoors.

New Jersey Future's JEDI (justice, equity, diversity, inclusion) Staff/Board Committee **Aug 2018–Jun 2021**
Recommended and implemented strategies to advance internal and external organizational JEDI principles. Significantly contributed to a winning grant proposal (18 winners out of 360 total) for a national competition to fund organizational JEDI capacity. Wrote RFP to hire a JEDI consultant for the organization. Developed a hiring toolkit to institutionalize equitable hiring practices for the organization.

DiverseForce on Boards Program at the University of Pennsylvania **Jan 2020–Dec 2020**
Participated in year-long board governance and leadership development training program for leaders of color with the goal of matching each cohort member with nonprofit board placement opportunities.

Environmental Leadership Program **Apr 2018–Nov 2018**
Participated in 6-month leadership development fellowship with a diverse cohort of 20 emerging environmental/social change leaders.

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EDUCATION

Edward J. Bloustein School of Planning and Public Policy, Rutgers University, New Brunswick, NJ
Master of Public Policy (M.P.P.), Concentration: Environmental Policy, May 2011

Rutgers - The State University of New Jersey / New Jersey Institute of Technology (NJIT), Newark, NJ
Bachelor of Science (B.S.) in Environmental Science, Certificate in Public Administration and Policy Studies, October 2003

EXPERIENCE HIGHLIGHTS

Stakeholder/Partner Engagement with community groups, government agencies, and elected officials

Program Coordination and Management of events, workshops, meetings, and databases

Research, Writing and Policy Analysis on smart growth, land use/transportation, and sustainability policy and planning

Program Evaluation through developing evaluation criteria, researching metrics, and conducting interviews

PROFESSIONAL EXPERIENCE

New Jersey Department of Environmental Protection, Trenton and Ewing, NJ

Office of Environmental Justice, August 2018 – Current

- Provide facilitation, program coordination, and technical assistance to the Environmental Justice Advisory Council, including Air, Water, Land, and Environmental Education and Communication Working Groups
- Provide interagency coordination, public engagement, and technical assistance to support interagency council and implementation of guidance for environmental justice pursuant to Executive Order 23
- Provide outreach and technical assistance to environmental justice communities and organizations
- Provide technical assistance and guidance regarding environmental justice to NJDEP's program areas
- Provide public engagement and analysis support on the environmental justice impacts of NJDEP and state regulations, policies, legislation, and initiatives including RGGI, TCI, S1700, lead exposure, and climate and coastal resiliency

Environmental Services Trainee/Environmental Specialist 1/Radiation Physicist 1, December 2014 – August 2018

- Monitor Nuclear Regulatory Commission (NRC) regulatory amendments and initiate updates to NJ Administrative Code to ensure compatibility between NJ and federal radioactive materials regulations
- Evaluated documentation for $40 million of decommissioning financial assurance
- Inspect radioactive materials licensees for compliance with regulations and radiation safety practices
- Review radioactive materials license applications and amendment requests
- Respond to radiation incidents as member of Radioactive Materials Radiological Assessment Response Team
- Participate in emergency response drills to respond to incidents at nuclear power plants

Public Information Assistant, August – December 2014

- Pilot tested targeted outreach project to increase radon testing rates in high risk municipalities
- Coordinated public awareness initiatives with NJ Department of health, municipalities, and schools
- Designed Excel-based tracking system for inspections process

Human Impacts Institute, *Environmental Leadership Intern*, Brooklyn, NY, 2013

- Organized Human Impact Salons for public and private stakeholders to discuss climate resiliency

World Wildlife Fund, *Market Research Intern*, Washington, D.C., 2012

- Compiled research on sustainable consumption / decoupling economic activity from resource consumption
- Created information portal for sources of food, fiber, and fuel commodity data
- Referenced, and organized key commodity, trade, and consumption statistics into internal database

Rutgers – The State University of New Jersey (Consultant to Transportation Climate Initiative (TCI)/Georgetown Climate Center), *Research Assistant,* New Brunswick, NJ, 2011

- Evaluated state policies for smart growth and land use / transportation sector GHG emissions reduction
- Coordinated with state transportation, planning, environmental and other agencies to inform evaluation
- Identified 85 potential best practices to inform regional collaboration on metrics and infrastructure planning
- Presented findings at TCI regional meeting and in report on state policies supporting sustainable communities
- Conducted research to inform development of state guidelines for municipal sustainability plans
- Co-conducted community focus groups to test usability of GIS-based toxic facilities/health risks web portal

Isles, Inc., *Masters Practicum Team Member,* Trenton, NJ, 2011

- Co-conducted food security assessment for Trenton, NJ, presented as report to Isles, Inc.

Smart Growth America, *Policy Intern*, Washington, D.C., 2010

- Extrapolated research for paper on transportation's role in climate and energy policy for Senate staff
- Reviewed state policies for report evaluating alignment of state transportation and climate policies
- Authored section on economic, environmental, and health impacts of reducing transportation-sector emissions
- Compiled studies on health benefits of smart growth policies for report on land use / economic development
- Reviewed federal energy and climate bills and their analyses to assess impacts on transportation
- Coordinated meetings with congressional offices

Voorhees Transportation Center, Rutgers University, *Research Assistant*, New Brunswick, NJ, 2006

- Researched best practices from and prepared case studies of active living initiatives
- Interviewed community and business leaders coordinating such programs
- Co-produced initial version of Mayors Wellness Campaign toolkit adopted by NJ municipalities

Sustainable Development Policy Institute, *Consultant*, Islamabad, Pakistan, 2005

- Evaluated results of chemical analysis of water effluent samples from 5 sugar mills in Pakistan
- Researched regulations, penalties, mitigation/treatment options and calculated fines based on pollutant load
- Delivered results in paper with policy recommendations to mitigate environmental and economic consequences of exceeding discharge limits set by National Environmental Quality Standards (NEQS)

EPA – Office of Environmental Justice, *ECO Associate*, Washington, D.C., 2004

- Coordinated National Environmental Justice Advisory Council (NEJAC) meetings
- Handled inquiries from the public about environmental justice issues
- Generated informational material for EPA community grant projects and environmental law training
- Trainings: Clean Air Act, Section 309 Review; Clean Water Act and Safe Drinking Water Act; Environmental Mediation; Fundamentals of Environmental Justice; National Environmental Policy Act

SKILLS AND APPLICATIONS

Computer: Microsoft Office (Word, Excel, Power Point), New Jersey Environmental Management Systems (NJEMS), ArcGIS (NJDEP course plus some previous experience), NJ-GeoWeb (NJDEP course)

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) Bridgeton, New Jersey 08302
Ex. 6 - Personal Privacy (PP) Ex. 6 - Personal Privacy (PP)

Education

Pratt Institute Pratt Institute - Brooklyn, NY *1994-98*
BFA-Communications Design

Thomas Edison State College - Trenton, NJ *2008-10*
New Jersey Redevelopment Authority – Real Estate Development Courses

Wiechert Real Estate School – W. Deptford, NJ *2008*
NJ Licensing Course

Experience

NAAC Weatherization (501-C3) Bridgeton, New Jersey *2011 March – Present*
Fiscal/HR Manager
Serve as Fiscal Officer managing finance and operations for various grant awards and act as Human Resources Manager for company employees processing insurance and personnel actions. Lead fiscal contact for 2009 ARRA, 2010 HIP, 2011 LIHEAP, 2011 HIP as sub-grantee of NJ Department of Community Affairs (DCA) with a cumulative budget of 4.9 Million; SAGE administrator responsible for all local and federal fiscal reporting and program correspondence; management of Single Program Audits, internal control & compliance measures.

City of Bridgeton (Municipality) Bridgeton, New Jersey *2008 January – 2010 April*
Director of Community Development
Managed administrative staff of five (5) plus program contractors and served as Executive Administrator of NJ Urban Enterprise Zone program responsible for securing ten (10) economic development grants and managed an annual budget of 1.2 Million; In addition, as Executive Administrator of U.S. HUD Community Block Grant program responsible for community development programming and funding with consolidated budget of 815K; Daily responsibilities include management of business development team and transaction broker for city owned real estate. Established municipality's online program and created department database systems. Project Manager for revised City Master Plan *(last updated 1975)*

Bank of America Wilmington, DE *2005 April – December 2007*
Assistant Vice-President, Marketing Manager
Managed Affinity Marketing programs for top tier groups: AAA (69 franchises), Keller Williams Realty and Oppenheimer among others. In capacity as project manager worked closely with sales group to develop RFP Presentations for emerging/growth markets. Developed direct mail campaigns, media marketing and manage design production of exhibits and collateral.

Verizon Greenbelt, MD *2004 January – 2005 April*
Advertising Account Manager
Responsible for development of marketing programs for small-to-mid sized companies worth over $1M of annual billings. Roles include Meeting with Marketing Directors and Executive Management to gain a full understanding of their industry and initiating campaign development and management. This includes identification of business needs and proposing effective solutions utilizing Verizon advertising products / services, to a wide range of clients predominantly within Washington, DC Metro region (MD, DC, and VA).

BFDI Marketing Group Washington, DC *2002 May – 2004 January*
Senior Project Manager
Lead consultant that provided business development solutions for professional service clients. Responsibilities included the creation of proposals, marketing plans, developing brand and creative strategies for new and existing firms and practices. Additional duties included hiring Freelance Staff, Providing Art Direction and Design for Print, Direct Response, Online Marketing and Collateral materials. Administrative duties included creation and implementation of departmental processes and policy.

Visual Networks Rockville, MD *2000 September - 2002 May*
Marketing Communications Manager
Managed design and production for online media, events and marketing materials. Performed press checks for quality and negotiated pricing. Additional Duties included: Manage and direct freelance staff, Estimate project costs, Design and implement creative standards, Develop department policies and procedures, Manage budget and equipment purchases, Provide department capabilities to all in-house clients.

Certifications & Licenses

National Association of Realtors-SFR Certification (Short Sale and Foreclosure Resource)
National Computer Science Academy – Microsoft PowerPoint Certification
New Jersey State Real Estate License
New Jersey Redevelopment Institute Graduate
Brainbench Certificate in Marketing Strategy

U.S. Department of Energy

Weatherization Assistance Program Certificate of Participation

Presented to

[redacted]

2011 National Weatherization Training Conference
December 12-15, 2011
New Orleans, Louisiana

Weatherization Works

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SHERWIN WILLIAMS.

This is to acknowledge that

[redacted]

has completed the course listed below and is awarded this certificate

40 CFR Part 63, Subpart HHHHHH Training

Completed on: SHERWIN WILLIAMS. E-Learning System

Saturday, October 09, 2010

PRINT

AWX®

SHERWIN WILLIAMS.

This is to acknowledge that

[redacted]

has completed the course listed below and is awarded this certificate.

AWX® Waterborne System Best Demonstrated Practices

Completed on: SHERWIN WILLIAMS. E-Learning System

Sunday, October 10, 2010

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Ex. 6 Personal Privacy (PP) TyGould@NativeAdvancement.org
Ex. 6 Personal Privacy (PP) Bridgeton, NJ 08302 Ex. 6 - Personal Privacy (PP) or Ex. 6 - Personal Privacy (PP)

I create opportunities for land preservation, cultural preservation, redevelopment, business development, training, employment, childcare, revenue, homeownership, home rehabilitation, maintenance, and repair programs, for Cumberland, Gloucester, Salem, Atlantic, and Cape May counties.

QUALIFICATIONS

- Thirty-five years of management, confidential administration, financial business management, and office organization
- Thirty years of secretarial and administrative office management, including client service
- Proficient in preparing correspondence, reviewing, organizing, and maintaining files and records
- Capable of assuming responsibility without supervision
- Ability to perform multiple tasks with minimal error to meet strict deadlines
- Excellent communication, interpersonal and organizational skills, especially with the public
- Designed and implemented new ideas for self-sufficiency for businesses
- Forty-two years of Computer Science, including WINDOWS and the entire MICROSOFT OFFICE, GOOGLE, WEBEX, CISCO, WEEBLY, ZOOM

WORK EXPERIENCE

Native American Advancement Corp., and Connections, LLC Bridgeton, NJ
President and CEO **Owner** **2009 – Present**

Responsible for proactively leading the company's strategic and corporate direction in partnership with other senior managers and the Board.

Nanticoke Lenni Lenape Tribe, Inc, Bridgeton, NJ **2007 - 2009**
Economic Development Specialist
WIA Certification Coordinator

Downe Township Board of Education, Newport, NJ **2000 - 2007**
Administrative Assistant to Principal
Food Program Official
Registrar and Attendance Official
Curriculum Secretary

ROCK TENN, Vineland, NJ **1999-2000**
Costs Account and Computer Captain

STERLING OPTICAL CORPORATION, Vineland, NJ, **1996-1999**
General Manager

MKS, INC. & LIT STITCHES INC., Bridgeton, NJ **1992-1996**
Office Manager

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NANTICOKE LENNI-LENAPE INDIANS OF NJ, Bridgeton, NJ **1990-1992**
Executive Director

AIR-TITE PRODUCTS, Bridgeton, NJ **1986-1989**
Systems Coordinator

CUMBERLAND ADVISORS, PTY., VINELAND, NJ **1983-1986**
Securities and Trades Department

CUMBERLAND COUNTY COLLEGE, VINELAND, NJ **1983-1983**
Computer Programmer

RELATED EXPERIENCE

- **Member of Policy Advisory Council, State of New Jersey, DEP Environmental Justice** **Present**
  EJAC is committed to the basic tenet set forth by the Environmental Justice Movement that all communities, regardless of their racial, ethnic, or economic composition, are entitled to equal protection from the consequences of environmental hazards. Accordingly, EJAC provides a valuable forum for discussions about integrating Environmental Justice into DEP's programs, policies, and activities. EJAC members represent broad-based constituents and geography. This statewide, diverse representation provides guidance, builds DEP's capacity, and improves its support of the state's Environmental Justice constituents and stakeholders. Through the established working groups: Environmental Education and Communications (EEC), Air, Land, and Water, each member of EJAC focuses directly and primarily on the issue(s) for which his/her working group was created.

- **Member of Policy Advisory Council, State of New Jersey, Department of Community Affairs, Weatherization Assistance Program** **Present**
  The Department of Community Affairs (DCA) has designated the Weatherization Assistance Program Policy Advisory Council (WAPPAC) to serve as the statewide policy advisory council during the continued development, implementation, and ongoing operation of the Weatherization Assistance Program. WAPPAC members are also advised in the monitoring, evaluation, and planning of weatherization training and technical assistance, facilitating and coordinating efforts to improve the quality of services to the eligible targeted population of New Jersey.

- **Member of the Nanticoke Lenni-Lenape Indians of New Jersey Citizenship Committee** **Present**
  The Tribe is the authentic primary resource for American Indian culture and a welcoming home for all American Indians and their partners and friends. The Grant Committee has the following oversight responsibilities: Monitor all grants already in place for the Tribe to determine all criteria are met. Along with staff, research all new program development. Assist in the final implementation of any resolutions needed for grant submission.

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PROFESSIONAL CERTIFICATIONS:

- Charitable Registration 2022
- Real Estate License 2017
- RRP Lead Safe Certified Firm 2010
- Home Improvement Contractor 2008
- Notary Public 2005
- Seton Hall University, South Orange, NJ-Computer Science 1982
- Cumberland Technical Center NJ-Data Processing Programming- 2 year Certified 1981

COMMENDATIONS:

- Senate and General Assembly – Artist, Educator, Author, and Business Entrepreneur 2022
- Hopewell Township Cumberland County 2022
- County of Cumberland 2022
- Senate & General Assembly – National Business League of Cumberland County 1994

REFERENCES: Letters of recommendation available upon request

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Strengths & Skills

Community planning professional experienced in GIS data and research
Passionate about regional environmental and housing inequality issues
Versatile problem-solver able to manage diverse projects and relationships

ESRI ArcGIS • Data Analysis & Visualization • Field Surveying
Community Organizing • Public Speaking • Project Management
Adobe Creative Suite • Microsoft Office • SQL
Website Design & Maintenance • Group & Meeting Facilitation

Experience

Senior Project Manager | Isles, Inc.
FEBRUARY 2020 - PRESENT, TRENTON, NJ

Oversight of a portfolio of projects related to neighborhood planning and community development in Trenton. Manage relationships with government entities, nonprofits, residents, and educational organizations. Coordinator for the Downtown Trenton Neighborhood Preservation Program, a five-year grant to support physical improvements in downtown, on behalf of the City of Trenton.

Project Manager | Isles, Inc.
NOVEMBER 2016 - FEBRUARY 2020, TRENTON, NJ

Designed and coordinated multiple neighborhood vacant property and infrastructure surveys to track change over time. Conducted GIS and other research to support three neighborhood plans, including history, best practices, property status, and demographic data.

Community Planning Associate | Isles, Inc.
FEBRUARY 2014 - NOVEMBER 2016, TRENTON, NJ

Supported numerous planning projects; served as project lead for a recreation plan in Trenton's West Ward. Managed a GIS database of property and environmental conditions. Created maps and presentations for community stakeholders and potential funders. Strengthened skills in data analysis while cultivating relationships with partners, residents, and the City of Trenton.

Urban Agriculture Intern | Isles, Inc.
JULY 2013 - NOVEMBER 2013, TRENTON, NJ
Aided in various environmental and nutritional programs for residents and students of Trenton. Designed Isles' Virtual Garden Tour, an online interactive map, using ArcGIS.

Salesfloor Associate | Target
MAY 2008 - JULY 2013, CHERRY HILL, NJ
Provided excellent customer service in a fast-paced environment.

Education

Rutgers University | B.S. Environmental Planning & Design
SEPTEMBER 2008 - JANUARY 2013, NEW BRUNSWICK, NJ
• **Dean's List**, 2012
Google | Data Analytics Professional Certificate | 2021

Service & Leadership

United States Census, Enumerator | Summer 2020
Trenton Community A-Team, Board Member | 2019-present
Toastmasters in Unity, Club Officer | 2015-present
South Jersey Urbanists Group, Member | 2014-present

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- Non-profit and higher education professional with 15+ years of progressively responsible experience in roles of managing director, executive director, faculty member, program coordinator, and administrator
- Participatory and equity-focused leader, ensuring programs and projects are working to dismantle racial and economic inequities while building alternative social ecosystems where people can thrive
- Effective and reflective manager, including program and project development and growth, strategic planning, reorganization, hiring, and empowering colleagues to identify, develop, and apply their strengths
- Successful grant writer/manager and resource development professional, maintaining and expanding public and private funding for programming and operations, responsible for securing and managing more than $5mln annually
- Skilled facilitator and connector, with record of effectively linking practitioners, academics, community members, and scholarship-informed perspectives to create social change through cross-disciplinary projects and programs

PROFESSIONAL EXPERIENCE

Managing Director, Community Services July 2020-present
Managing Director, Community Planning & Development July 2019-June 2020
Isles, Inc., Trenton, NJ

Leadership and Management
Responsibilities

- Provide leadership and direction for Community Services division's main service areas: Planning & Placemaking, Urban Agriculture, Youth Services, Isles Youth Institute, Violence Prevention, Isles Financial Solutions &Housing Counseling Services, Real Estate Development & Property Management
- Oversee operations and direction of division's 54 full-time staff members, with 12 direct reports
- Manage ~$5mln budget funded by 45+ grants
- Develop and implement strategic plans, goals, and assessment efforts for services
- Support colleagues to develop and implement strategic goals and to support team as managers of others
- Communicate successes and impact to internal and external stakeholders
- Represent and promote Isles in local and regional meetings, conferences, and convenings

Selected Accomplishments

- Merger of service areas: Managed the merger of service areas into my portfolio, including Isles Youth Institute and Isles Financial Solutions/Housing Counseling, and created a distinct Youth Services division focusing on social and cultural programming. Identified collaborations across units and created shared culture among staff members.
- Development of Cross-functional teams: Created cross-functional teams to address priority concerns across the organization, including communications and outreach, policy, and violence prevention.
- Resource Development: Maintained existing and secured new funding for initiatives, including more than $2.7mln in neighborhood-focused community development funding, $2.5mln in violence prevention resources, and $500k in financial empowerment funds over my three years in this role

Program and Project Development and Management
Responsibilities

- Oversee and support the development and implementation of a broad range of programs and services
- With colleagues, develop strategies to implement projects and programs
- Identify opportunities to modify and transform existing projects and programs to better meet the needs of the community and to leverage complementary service areas within Isles

Selected Accomplishments

- Violence Prevention: With colleagues and community members, identified effective and community-demanded strategies to reduce and prevent violence and secured resources to implement them, including: community street teams; anti-violence messaging campaign; reengagement center; and policy and program advocacy.
- IFS transition: Shifted the focus of Isles Financial Solutions from an employer-based, moderate-income customer model to a low-income, publicly available service, and secured funding to enable this transition.
- Community Plan Development and Implementation: Played key leadership roles in the development of neighborhood revitalization plans for Downtown Trenton and Battle Monument/North Trenton, with the

engagement and support of residents, business owners, workers, and stakeholders. Secured resources to implement plans.

Executive Director July 2015-June 2019
Center for Community Engaged Learning and Research (CELR Center) *interim, July 2015-Dec 2016*
The College of New Jersey (TCNJ), Ewing, NJ

Key Responsibilities

- Provide leadership and direction for Center's three main programs: Community Engaged Learning, Bonner Community Scholars, and Community Engaged Research and Initiatives
- Oversee operations and direction of CELR Center's $2mln budget and 15 full-time staff members
- Develop and implement strategic plans, goals, and assessment efforts for the CELR Center
- Identify, recruit, and maintain partnerships and opportunities on- and off-campus that support CELR goals
- Communicate successes and impact to on- and off-campus stakeholders
- Represent and promote CELR Center and TCNJ in networks working in the areas of civic engagement, service learning, and campus-community partnerships

Selected Accomplishments

- Engaged Scholars Initiative, 2019-2020: Selected as one of twelve early career scholars by Eastern Region Campus Compact "to develop, support and connect leaders who can advance co-created knowledge, critically engaged pedagogies, institutional change, and collaborative action to address societal issues"
- Assessment and Evaluation: Developed multiyear assessment framework for Community Engaged Learning and Bonner Community Scholars, including learning outcomes, surveys, analysis, and dissemination of results
- Strategic Planning and Implementation: Facilitated a six-month strategic planning process that involved more than 200 stakeholders on and off-campus to produce the Center's first comprehensive five-year plan which includes mission, vision, and values statements
- Reorganization: Designed, planned, and implemented a reorganization of the Center's staff and roles to better address the core mission of the Center; regularly reevaluated effectiveness with staff, partners, and students
- Capital City Youth Violence Coalition (formerly Trenton Prevention Policy Board): As co-chair, successfully revived and redirected organization to focus on youth violence reduction strategy while redeveloping essential relationships with key stakeholders in Trenton
- Faculty CEL Trainings: Designed and led faculty training and informational sessions, including annual two day workshop with nationally recognized facilitators

Community Engaged Learning Coordinator, Environment Division 2013-2015
Bonner Institute for Civic and Community Engagement, The College of New Jersey, Ewing, NJ

- Develop and implement environment-focused community engaged learning projects with community partners and faculty; Coordinate activities of 20-student TCNJ Bonner Community Scholar Environment Division

Affiliate Faculty 2012-2019
Department of Political Science, The College of New Jersey, Ewing, NJ

- Regularly teach courses in political theory, environmental politics, and the First-year Seminar Program

Assistant Professor 2009-2012
Department of History and Political Science, Albertus Magnus College, New Haven, CT

- Taught 8 discrete courses annually across multiple disciplines (Political Science, Philosophy, History, Humanities); Advised students; Served on College committees; Served as sabbatical replacement chair

EDUCATION

Ph.D.	Political Science: Political Theory and International Relations University of Minnesota-Twin Cities	2010
B.A.	Politics and German Studies (double major) Ithaca College, Ithaca, NY	2002

a. Project Summary Page

Project Title: New Jersey EJ Education Collaborative

Project Location: multiple locations across New Jersey

Applicant information: New Jersey Environmental Justice Alliance (NJEJA)

Melissa Miles, Executive Director
45 Academy St. Newark, NJ 07102
melissa@njeja.org phone: Ex. 6 - Personal Privacy (PP)

Brief Description of Applicant Organization: NJEJA is a 501c(3) Community-based Organization (CBO). We are a coalition of individuals and organizations with the mission of being "*committed to working together to identify, prevent, and reduce and/or eliminate environmental injustices that exist in communities of color and low-income communities*". Together, we support and work with vulnerable communities by engaging them across four priority areas: (1) training and technical assistance, (2) targeted campaigns and coalition-building, (3) education and advocacy, (4) local, state, and national policy development.

Are you applying for the Small CBO Set Aside Track for $150,000 projects? (Yes/No): No

Project Abstract: There is a significant need to increase the capacity of EJ communities to empower residents to participate in public discourse on issues affecting them. Residents must be educated on how to advocate for their community's best interest in dialogue with government and private entities over siting, permitting and other decisions affecting their environment. These communities are historically difficult to reach, engage and organize, which is why grassroots organizations are critical to this mission. The NJ EJ Law requires enhanced public engagement for residents in EJ communities, allowing them to demonstrate local impact and have permits denied. This has accelerated the need to train EJ Communities so they can effectively influence this democratic process.

The NJ EJ Education Collaborative hopes to address these issues by proposing the development of a NJ-specific hub-and-spoke outreach network to community adults and youth. It will create and provide EJ basic information and a blueprint for navigating governmental processes. This will help demystify the core issues for participants and give them skills to substantively promote their community's interests. This complements the EPA WE ACT TCTAC grant in which NJEJA is a partner and extends its capacity with deeper outreach to vulnerable communities.

NJEJA is well-suited to lead this multi-stakeholder, statewide coalition of groups and individuals with a 20-year track record of advocacy. Our partners bring together regulatory, advocacy, community development, educational expertise, and trusted relationships in EJ communities.

Project Type(s): Public education, training, community organizing.

Special Considerations: none

Environmental Issue: 1. Cumulative Impacts 2. Environmental Justice (EJ)

List of Project Partners: NJ Department of Environmental Protection (DEP); John S. Watson Institute for Urban Policy and Research at Kean University; Isles, Inc.; Native American Advancement Corporation; O.C.E.A.N., Inc.

Will you need a QAPP? Yes

b. Environmental and Public Health information of the Underserved Community

New Jersey's Environmental Justice Law defines an overburdened community (OBC) as any census block group, as determined by the most recent US Census in which 1. 35% of households qualify as low-income households; 2. at least 40% of the residents identify as minority or as members of a State recognized tribal community; or, 3. At least 40% of the household have limited English proficiency. This data is mapped in the Environmental Justice Mapping and Analysis Tool (EJMAP). OBCs undergo a stressor analysis (with 26 environmental stressors) to determine if the OBC is subject to adverse cumulative stressors. This methodology overlaps considerably with the indictors and indices used in EPA's EJScreen and the stressors used by the Climate and Economic Justice (CEJST) Screening Tool to identify Disadvantaged Communities(DAC) to advance the Justice 40 Initiative.

According to the EPA's EJScreen map of the top 12 EJ indices: 69% of the indices of the 4 largest cities in NJ are in the 90-100th percentile ***nationally*** and another 29% are in the 80-90th percentile ***nationally***. This shows that NJ has one of the most acute EJ situations in the country. In fact, there was only 1 index out of the 48 total that was below 80th percentile and it was still in the 73rd.

Of the 564 municipalities in New Jersey, 338 have OBC block groups. This encompasses over 4.9M people, approximately half of the state's entire population. The stressor analysis further shows that 84% of the OBC block groups, encompassing nearly 4.2M people, are subject to adverse cumulative stressors (cumulative impacts).

The very young, the elderly, and communities whose socio-economic marginalization – including people of color, immigrants, non-English speakers, and the poor, often feel the effects of environmental stressors such as heat, air quality, extreme weather and more, due to their location and exposure. The EJScreen indices show this population has been historically underrepresented and lack a voice in outcomes that affect them. Such inequities result in disproportionate cumulative impacts of environmental stressors, including increased health disparities, yet these communities have fewer resources to remediate a given imbalance.

What are the environmental/public health issue(s) that the project seeks to address?

The stressor analysis to identify adverse cumulative impacts facing OBCs includes 8 categories of environmental and public health stressors covering 8 categories: Concentrated Areas of Air Pollution; Mobile Sources of Air Pollution; Contaminated Sites; Transfer Stations or Other Solid Waste Facilities, Recycling Facilities, and Scrap Metal Facilities; Point-Sources of Water Pollution ; May Cause Potential Public Health Impacts; Density/Proximity Stressors; Social Determinants of Health.

This Educational Initiative seeks to address this burden of disproportionate cumulative environmental and public health stressors in OBCs, ranging from historic disproportionate environmental pollution to higher vulnerability to emerging threats such as extreme weather patterns. Increasing capacity in OBCs to better understand and engage in environmental and public health decision-making processes will enable them to better advocate for their communities and develop solutions for reducing the disproportionate stressors.

The cumulative environmental and public health stressors faced by OBCs include lead in drinking water, superfund proximity, hazardous waste, air toxins, and residents with pre-existing chronic health conditions. Emerging heat and extreme weather patterns further exacerbate

these issues. Research shows that cities, most of which have OBCs, tend to be warmer and hot days see an increase in medical services for heart and, renal failure, electrolyte imbalance, kidney stones, fetal health, and preterm birth. People without air conditioners face additional exposure to heat stress as do construction workers, seniors living alone, athletes, and children playing outdoors. The poorer air quality added to ozone aggravates a whole host of respiratory diseases. Particulate matter has been associated with elevated rates of respiratory and cardiovascular disease as well as premature mortality. The combination of heat stress and poor air quality is especially risky for vulnerable populations such as children, the elderly, the economically disadvantaged. DEP, the government partner on this grant, is pursuing multiple initiatives to understand, characterize, and address heat islands in NJ, information that can be made more accessible to OBCs through this Collaborative.

New Jersey is already familiar with the environmental/health effects of extreme weather from Hurricane Sandy. They include flooding, power outages, carbon monoxide poisoning from improper generator use, mold and mildew exposure in water-damaged buildings, and an increase of stomach, intestinal illness, and water contamination. Disruptions in power and transportation and displacement of residents after a storm can also hinder access to medications or treatment of chronic conditions.

NJEJA is on the Steering Committee of the EPA Region 2 Thriving Communities Technical Assistance Center. From that position, NJEJA can effectively coordinate the New Jersey hubs with the TCTAC initiatives to increase capacity to reduce these cumulative stressors.

The Collaborative will increase capacity in OBCs to reduce these cumulative stressors through increasing:

Environmental Literacy. Underserved communities will benefit by having more residents and leaders well-versed on environmental issues and terminology so they can engage in civic discourse and environmental decision-making processes. These will dovetail with information not covered in the TCTAC grant.

Policy Literacy: Participants will learn about major EJ policy initiatives, such as NJ's EJ Law and Newark's EJ ordinance, the efforts and steps they took to pass, and how residents can learn and build on that movement, giving them confidence and skills to participate in environmental policy development and enactment.

Governmental Processes: Participants will learn about siting, permitting and other technical requirements for facilities, and how to maneuver through the paperwork of applying for funding. This will complement the resources provided by the TCTAC project with content specific to NJ, such as "home rule" delegating significant legal and regulatory authority to local bodies.

Advocacy: Residents will learn best practices for advocating for the protection of local environment and public health in forums such as local zoning boards, planning commissions and green teams.

Job Preparedness: A co-benefit of these trainings will be to have OBC residents potentially certified after building new skill sets that will be valuable in the new green economy, and a correlating improvement in mental health and well-being.

Youth: We will develop content for youth engagement and training to build the next generation of OBC community leaders.

Capacity and Networking: The NJ EJ Education Collaborative will expand the capacity of organizations and communities across the state as participants become leaders, and relationships with a network of EJ leaders across the state increases opportunities for peer learning, mentorship, and regional and statewide collaboration.
Miscellaneous. The Community Hubs system can serve as a template for future initiatives including disaster preparedness.

c. Organization's Historical Connection to Underserved Community

Over the last 20 years NJEJA has been collaborating with groups in New Jersey's most EJ-impacted communities such as Newark, Jersey City, Rahway, Camden, Trenton, Elizabeth, Paterson, Orange, Linden, New Brunswick, Edison, and Metuchen. We have been part of a multitude of task forces and coalitions. We are the first statewide EJ organization in NJ and have made inroads with many communities. Because of those early relationships, we are frequently requested to become involved in new projects. Recent efforts include:

Dr. Nicky Sheats, Esq., Director of the John S. Watson Institute for Urban Policy and Research at Kean University is a NJEJA founding member and the chair of the Board of Trustees. He is considered one of the foremost authorities on Cumulative Impacts nationally and was instrumental in the formulation of the Newark Environmental Justice and Cumulative Impacts Ordinance of 2016, the Environmental Justice Act of 2019 and the EJ For All Act of 2021. He was also a major contributor to the NJ EJ Law of 2020.

NJEJA was integral to the passing of the NJ EJ Law every step of the way, over the course of several years. Once the draft rules were released, NJEJA mobilized multiple communities across the state to come out and testify at hearings in Trenton, Camden, and Newark. Together with other organizations, we recruited over 300 people to attend meetings in the northwest. In 2022 NJEJA, SWEA and Ironbound Community Corporation co-facilitated 2 public meetings on the NJ EJ Law prior to its adoption, in preparation for the comment period.

In 2019 NJEJA organized grassroots groups in NJ and nationally to work with Senator Cory Booker on the federal Environmental Justice Act of 2017. In 2020 NJEJA convened meetings of advocates to discuss the EJ For All Act prior to its release in 2021. We were instrumental in the passage of the Newark Environmental Justice and Cumulative Impacts Ordinance (ERC).

In 2021- 22 NJEJA held meetings and webinars with NAACP branches in Rahway, Metuchen-Edison, and New Brunswick, and taught a summer module for High School students at KEAN University about Cumulative Impacts and the NJ EJ Law. NJEJA has been a member of the Sandy Climate Justice Roundtables since 2016.

Our Executive Director is on the Steering Committee for TCTAC to advise on its strategy for engaging and building the EJ capacity of underserved communities. She is also part of the New School's Ripe for Creative Disruption EJ Design Fellowship where she works with environmental and climate leaders across the country on innovative solutions to the climate crisis. She was also featured in two documentaries, one of which, The Sacrifice Zone, has been screened nationwide. Our ED sits on many boards, participates in Work Groups, and offers EJ perspectives to other CBOs, local, state and national governments.

Over the last 5 years NJEJA board and staff have given dozens of talks and lectures, interviews on Cumulative Impacts across the state, region and country. We have given EJ Leadership

Trainings in a variety of communities across the state. NJEJA also continues to offer guidance on EJ best practices through advisory requests. More examples upon request.

Community Driven Participation

Local residents are always part of our process and results. Many of NJEJA's staff and board are from and/or currently live in EJ communities. We maintain ongoing relationships with these communities by continuing to be a presence at local events for environmental issues, by planning and facilitating some of these events, and by attending/chairing/presenting at governmental meetings on EJ-related issues. This means that many participants in these convenings are our neighbors. We will encourage participants from these seminars to register for TCTAC events.

EJCPS Model

This initiative is designed to increase capacity in overburdened communities across New Jersey to meet a core tenet of the Collaborative Problem-Solving Method (EJCPS): advancing environmental justice through ensuring all people are given the opportunity to participate meaningfully in the development, implementation, and enforcement of environmental laws, regulations, and policies. The following EJCPS Model elements will be undertaken for this project:

CPS Element 1 – Issue Identification, Community Vision, and Strategic Goal Setting (accomplished)

With the passage of the NJ EJ Law we are already at the implementation and enforcement stage, while developing new resident protections are continuously underway. So, there is some urgency in developing a network and EJ-educated local leaders.

The issue identification and visioning process began in 2022 with the Environmental Education and Communication (EEC) working group of NJDEP's multi-stakeholder Environmental Justice Advisory Council (EJAC) of which the NJEJA ED is now the Co-Chair. The group identified a lack of sufficient capacity in OBCs across the state that prevented them from effectively participating in local environmental decisions and state and federal development, implementation, and enforcement of environmental laws, regulations, and policies. Through discussions over the course of months, members of the work group who represent EJ communities across the state developed the vision of a statewide learning network to train, mentor, and develop community leadership across the state well-versed in the concepts and strategies needed to meaningfully participate in environmental and EJ decision-making. The discussions also lead to the conclusion that such an undertaking will require financial resources over a sustained period of time.

CPS Element 2 – Community Capacity-Building & Leadership Development (begun)

Self-Education. NJEJA is already an expert in this space, has already provided community training on EJ issues for the last 20 years, and continuously gathers new information on the topics.
Assessments. Through trainings, listening sessions and other community touchpoints all partners in this Collaborative routinely conduct assessments regarding causes and solutions to EJ. This initiative will re-design DEPs current training modules.

Technical Assistance. The lead in this Collaborative is also a subawardee for the TCTAC grant and will point to their resources.
Education. NJDEP staff, Kean University staff and established EJ leaders will provide seminars for residents to learn about EJ topics and state processes.
Youth. Several partners will focus on contributing content and strategies for youth training, and how to develop the next generation of community leaders in OBCs.
Capacity. The NJ EJ Education Collaborative will build capacity of organizations and communities across the state to competently engage in environmental advocacy, shaping of policy, and decision-making in their communities.

CPS Element 3 - Consensus Building and Dispute Resolution (begun)

The Collaborative, like most of the individual partners, is built on the Jemez Principles for Democratic Organizing to ensure all voices are heard and respected. We are adept at identifying and addressing concerns through the multitude of collaborations we already comprise.

CPS Element 4 – Multi-Stakeholder Partnerships & Leveraging of Resources (begun)

This multi-stakeholder Collaborative has an outline for scheduling group and individual org touchpoints to cultivate communication and planning for the common goals of community development, creating safe and healthy places to live, green jobs, economic revitalization, and youth development. The nature of advocacy work requires collaboration. We will employ many resources already available to optimize efficiency, such as TCTAC, Kean University, New School University Tishman Environmental and Design Center, Environmental Protection Network and more.

CPS Element 5 - Constructive Engagement by Relevant Stakeholders (begun)

We already have a variety of stakeholders in this Collaborative and will add more as appropriate; for example, businesses that would benefit from an EJ-trained workforce. Government could step in with support to acknowledge the value of the certificates our participants will earn. DEP (and other government offices) working directly with CBOs, affords residents access to provide meaningful feedback to policymakers.
The Collaborative is using Kean University for content expertise and analysis of participant feedback. TCTAC's relationship with their academic partners will be used for further technical assistance.

CPS Element 6 - Sound Management and Implementation (begun)

The NJ EJ Education Collaborative has already begun this CPS Element by dovetailing this application with an already-funded (TCTAC) project. This is practicing sound organization and management' and ensuring that EPA's investment is magnified. We have created a clearly delineated plan for the next 3 years that utilizes the particular strengths of each partner. Once participants graduate, we hope to identify new leaders among them. We have already received letters of commitment from partners.

CPS Element 7 – Evaluation, Lessons Learned & Replication of Best Practices (begun)

The NJ EJ Collaborative will pilot our seminars with the Hub Leaders first, to create a feedback loop that will refine the content and accessibility of delivery mechanisms over time. We will measure success by whether residents attend seminars and/or graduate. We will publicly share success stories.

d. Project Linkages

The NJ EJ Collaborative will go beyond the basic support of the EPA's Goal 2, Objective 2.1. We will also fulfill Objective 2.3, EPA's four cross-agency strategies, and the federal Justice40 Initiative.

Our Collaborative will directly support Objective 2.1 by creating an outreach network to underserved populations and by providing education designed to increase their capacity to meaningfully engage on environmental issues to Federal, Tribal, State, and Local governments.

We will reinforce Objective 2.3 by implementing and enforcing the NJ EJ Law, Newark Environmental Justice and Cumulative Impacts Ordinance of 2016, to reduce civil rights concerns in EJ areas in community-driven ways. The existence of the EJ Law already meets the "integrate environmental justice considerations and achieve civil rights compliance in their planning, guidance, policy directives, monitoring, and review activities" portion of 2.3.

The make-up of the Collaborative as well as the demographics of the EJ communities themselves fulfills the EPA's four cross-agency strategies for diversity in partners.

In addition, the NJ EJ Collaborative will fulfill the Justice40 Initiative For the first time in our nation's history, the Federal Government has made it a goal that 40 percent of the overall benefits of certain Federal investments flow to disadvantaged communities that are marginalized, underserved, and overburdened by pollution.

Since NJEJA is part of WE ACT TCTAC grant, as an added benefit, we will coordinate with that already funded program to ensure they are additive to each other, not duplicative. This extra level of planning will protect the investment the EPA has already made and expand your reach further without typical redundancies.

e. Partner and Collaborate

The NJ EJ Collaborative will accomplish its goals of building a grassroots network and creating and disseminating a New Jersey-specific EJ curriculum to OBCs by drawing on the expertise and community relationships of the diverse partner groups. The partners chosen for this project are nationally sought-after for their expertise as follows:

The **project lead**, NJEJA, builds broad networks and influences environmental decision-making.
The **academic** partner will guide curriculum development and also has their own strong relationship with EJ communities.
The state **government** partners will adapt educational modules and use their experience in EJ and civil rights advocacy.
The **Tribal** partner will draw on its ground-level understanding of the lived experience of environmental injustice and in reaching populations that are often overlooked.
The **CBOs** will use their deep relationships in OBCs across the state to reach, organize and mobilize participants from these communities. We will cover the entirety of the state so working with groups who are locally trusted is the only way to accomplish these broad efforts.

Many of these groups, for example, were part of a decade-long effort that resulted in the adoption of the NJ EJ Law. It was the strength of those partnerships, their broad reach, their adherence to scientific rigor on data, and their unwavering commitment to incorporating a local perspective that brought about the NJ EJ Law and its key protection for residents of having an open forum for discussion before any new projects are undertaken.

Details about the make-up of our Hub Partner Leaders:

Community-based Organizations

NJ Environmental Justice Alliance (NJEJA):

We are an alliance of New Jersey organizations and individuals committed to working together to *identify, prevent, and reduce and/or eliminate environmental injustices that exist in communities of color and low-income communities*. NJEJA will support community efforts to remediate and rebuild impacted neighborhoods, using the community's vision of improvement, through education, advocacy, the review and promulgation of public policies, training, and through organizing and technical assistance.

As the lead applicant of this Collaborative NJEJA brings an expertise on EJ topics to the group and deep relationships in the communities they represent as the first and still only statewide EJ organization. These relationships are key to breaking down silos of information and participation; communities trust NJEJA to encourage local people to be part of the conversation and any solutions on issues they live with, yet historically have not been privy to the conversation. We also bring talent in organizing and motivating groups and individuals.

Role: Primary applicant, overall project manager of the Collaborative; manager of financial and other reporting

Activities: construct the timing and activities of each Hub Leader, lead hub meetings and some seminars; use local relationships to recruit hub member orgs and participants; complete all financial requirements of the grant, gather data and submit reports as required; coordinate vision, resources and activities with TCTAC

NJEJA will contribute a Project Manager, Executive Director expertise, the Community Education Manager to assist with education module development, the Operations Manager managing the subawards and legal requirements of the grant, and a contracted Accountant who will manage the spend-down of the grant; this grant will also fund the hiring of a Communications Director to manage social media and its outreach efforts;

Increasing the capacity of OBCs to advance environmental justice through meaningful public participation is integral to the core mission of NJEJA. Since most of NJEJA's staff and board are from or currently live in EJ-affected areas of NJ, they also have a vested personal interest in seeing their home environments improved.

Isles, Inc.

Founded in 1981, Isles, Inc. is a community development and environmental organization based in Trenton, New Jersey. With a mission to foster self-reliant families and healthy, sustainable communities. They bring deep ties to their community.

Role: Hub Leader, recruiter of member orgs and participants, and facilitator of seminars

Activities: enlist local orgs to their hub, recruit participants, manage seminars in Trenton and Central Jersey communities; and connect this initiative to its green job training and youth engagement efforts

This organization has a vested interest because building capacity in disadvantaged communities aligns with its core mission.

O.C.E.A.N., Inc.

As the Community Action Agency for low to moderate income residents throughout communities in our service area (coastal communities), O.C.E.A.N., Inc.'s mission is the delivery of quality, comprehensive services that improve the quality of life of individuals and families and assist them in moving toward self-sufficiency. They bring a wide reach to coastal communities that are severely overburdened.
Role: Hub Leader, recruiter of member orgs and participants, and facilitator of seminars
Activities: perform outreach, recruit trainees from, and lead seminars to Southern New Jersey communities

This organization has a vested interest because building capacity in disadvantaged communities aligns with its core mission.

Tribal Organizations

Native American Advancement Corporation (NAAC):

NAAC is an organization dedicated to the advancement and development of North American Natives, led by members of the Nanticoke Lenni-Lenape Indian Tribe of New Jersey. Over the past 25 years, it has successfully administered and managed programs addressing energy savings and fuel assistance, weatherization, financial literacy, housing, lead remediation, job creation and job training. They bring relationships to Native Americans who are difficult to reach for governmental bodies.
Role: Hub leader, recruiter of member orgs and participants, and facilitator of seminars
Activities: enlist local orgs to their hub, recruit participants, facilitate seminars in tribal and South Jersey communities; and engage youth

Capacity building in Native American and South Jersey communities aligns with its core mission.

Academic partners

John S. Watson Institute for Urban Policy and Research, Kean University:

The institute comprises integrated policy centers and initiatives that support informed public policy. It serves as a vital, non-partisan resource for New Jersey decision-makers, supporting the development and implementation of real-world solutions. It will draw on its expertise as a policy institute dedicated to EJ and urban communities by guiding, reviewing and advising on curriculum development.
Role: EJ subject matter expert, curriculum advisor, youth organizer
Activities: assist in adapting DEP's current curriculum to the purposes of this Collaborative; inform strategy for training youth and college students; train and build network of Kean University students

This institute has a vested interest because building capacity in disadvantaged communities aligns with its core mission.

State Government:

NJ Department of Environmental Protection (DEP):

DEP is the state regulatory authority responsible for safeguarding and enhancing New Jersey's air,water and land; managing natural and historic resources; reducing and responding to climate change threats; and revitalizing our communities and protecting public health. They bring policy knowledge, educational expertise and capacity to this project.
Role: regulatory subject matter expert, organizer of module content, seminar leader

Activities: collaborate on editing existing training modules to complement TCTAC resources with content specific to navigating environmental regulations and decision-making processes in NJ; incorporate content into Summer Youth Inclusion Program; deliver seminars at regional hubs

They are invested as a partner because increasing capacity in communities will help DEP meet its equity goals through enhanced engagement from OBCs. Such capacity is also integral to effective implementation of NJ EJ Law.

Potential Collaborative Partners and Regional Hub Members:

South Ward Environmental Alliance (SWEA): (local grassroots community group) SWEA is an alliance of residents and community-based organizations with a focus on environmental justice issues in the South Ward of Newark, New Jersey. Community partners in a community based participatory research decision making process. Environmental Justice advocates.

NAACP Atlantic City Branch:

The mission of the National Association for the Advancement of Colored People (NAACP) is to secure the political, educational, social, and economic equality of rights in order to eliminate race-based discrimination and ensure the health and well-being of all persons.

NAACP Edison-Metuchen Area Branch (Middlesex County and surrounding communities)

The mission of the National Association for the Advancement of Colored People (NAACP) is to secure the political, educational, social, and economic equality of rights in order to eliminate race-based discrimination and ensure the health and well-being of all persons.

Ironbound Community Corporation (ICC)

Founded in 1969, Ironbound Community Corporation's (ICC's) mission is to engage and empower individuals, families, and groups in realizing their aspirations and, together, work to create a just, vibrant and sustainable community.

North Jersey Community Development Corporation (NJCDC)

NJCDC is revitalizing the Great Falls Neighborhood of Paterson, New Jersey through education, youth development, affordable housing, and community building.

Center For Environmental Transformation (CFET)

CFET is part of a network of community-based organizations in Camden, NJ and actively works to educate and uplift the community through hands-on activities and engagement.

Orange HUUB

Orange HUUB is part of a duo of faith-based community outreach organizations that work to promote placemaking, housing and environmental justice in Orange, NJ.

Sustainable Jersey City (SJC)

SJC is an environmental education and advocacy organization based in Jersey City, NJ.

Other types of organizations for outreach

New Jersey based Environmental organizations with whom we have partnerships, such as Sierra Club, Environment NJ, Clean Water Action and The Nature Conservancy.

***All financial partners will comply with EPA's Subaward Policy in 2 CFR Part 200, Subpart E that their expenses will be reasonable, incurred within the project period, otherwise allocable to the EPA assistance agreement, and adequately supported by accounting records.

NJEJA has been in close working relationships with most of these groups for nearly 20 years. We have a strong bond and many common interests. A key mechanism for maintaining and

sustaining these relationships into the future will be by sitting on committees together, doing public workshops together, co-applying with them and others on future grants to continue improving NJ's EJ ecosystem.

1.0 Project Activities/Milestone Schedule/Detailed Budget Narrative

NJEJA will engage the NJEJA Community Education Mgr. as Project Mgr. to provide overarching project management. They will start the process by creating outreach materials , setting dates for informational meetings in the 2nd quarter, to provide a structure for the group. Then, they will identify 5-6 additional organizations to invite to each hub as members so Hub Leaders can begin strengthening relationships with them. In turn, they will invite more potential hub member organizations from their local connections to a quarterly hub meeting.

Quarterly hub meetings: Hub Leaders, Kean and DEP will be expected to attend meetings each quarter throughout the 3 years as well as periodic 1:1 meetings with NJEJA as a way to prioritize communication, break down silos and deepen relationships.

Meanwhile, the ED will coordinate ideas and activities with TCTAC hubs to ensure there is no duplication of efforts. This will continue throughout the 3 years on a regular basis.

In Q2, the PM will develop a communications timeline for the 2nd and 3rd year and engage a Communications Manager to create a social media outreach campaign and devise a way for all parties to communicate more casually.

On the content side, the PM will collaborate with Kean and DEP to develop a model of credentials (CEUs) that participants can earn for attending the seminars, including planning for a youth content advisory group and invite students from the Summer at Kean to the seminars. DEP will utilize the Summer Youth Inclusion Program as a basis for the curriculum. This will expedite the overall curriculum development and encourage youth to participate. They will have one iteration of the content at this point.

The NJEJA team will track financial and non-financial data throughout the course of the grant. Month 6 will begin the semi-annual reporting that is required.

In months 7-12, the PM will continue developing outreach materials (now with the Comms Mgr) and planning, NJEJA and Hub Leaders will each conduct one hybrid informational meeting for one different hub each quarter for the hub member organizations and the participants they recruit. This will require several iterations of recruiting and confirming commitments until hub have 2-3 confirmed groups and all have attended an informational meeting. The PM and Hub Leaders will hire interpreters as needed at this point to ensure all residents feel welcome to attend. This has been found to be a key to reaching limited English speakers. Kean will host the summer workshop at this point and include some of the new content.

This is when DEP will conduct a pilot seminar for Hub Leaders and obtain feedback from them, iterating content as needed afterward. The feedback loop will flow from NJEJA to Hub Leaders to hub member organizations to participants and back up the chain in a continuous loop to ensure all viewpoints are considered.

In the 2nd year, the project will officially launch on social media and the websites of at least each Hub Leader. This will really impact the recruitment process and bring in a wider variety of participants, where NJEJA will highlight different groups. With the content finished, DEP will lead all seminars, and the videographer will begin to film each module (spread out over each Hub

Leader location) and then begin editing it into shorter modules to eventually be housed on a website to be created. NJEJA will distribute quarterly stipends to participants as needed.

After the 2nd seminar is given, the PM will organize an EJ Tour of a city (to be selected). We have found this to be a profound learning experience where the visuals really drive home the point of what an overburdened community is. There will be a graduation ceremony and presentation of a certificate (TBD) for those that complete all the modules as an extra incentive and to show pride in their accomplishments.

The 3rd year will be a mix of receiving feedback before the final editing of the modules, continuing the communications campaign to keep parties interested and engaged, reviewing the final edits, and then launching them on the website. We will also begin to discuss lessons learned in preparation for the final report.

a. Milestone Schedule

Months	Activities	Activities	Activities
1-6	**NJEJA: Northern Jersey** -Engage the NJEJA Community Education Mgr. as Project Mgr. to provide overarching project management. They will: a. identify 5-6 additional organizations to invite to each hub b. create physical and digital outreach materials c. leaders begin strengthening relationships with potential hub members d. set dates for informational meetings in the 2nd quarter e. invite potential hub members to informational meetings -Coordinate with TCTAC hubs -Convene the 1st and 2nd quarterly hub meetings with regional Hub Leaders -Meet 1:1 with each regional hub leader -Engage a Communications pro -develop communications timeline for the 2nd and 3rd year	-Develop a model of credentials (CEUs) that participants can earn for participating -Plan for youth content advisory group -Track financial and non-financial data **Hub Leaders =** **NJEJA: North Jersey** **Isles: Central Jersey** **O.C.E.A.N., Inc.: coastal communities** **NAAC: Southern Jersey** -attend the 1st and 2nd quarterly hub meetings - Meet 1:1 with NJEJA - Identify 5-6 additional organizations to invite as hub members -Begin strengthening those relationships -Set dates for informational meetings in the 2nd quarter	-Invite hub member orgs to meetings -Track financial and non-financial data **Kean:** -Create list of possible credentials that participants can earn from participation -plan for Summer at Kean program for student engagement DEP: -meet with Hub Leaders to refine curriculum - discuss credentialing -plan for incorporating DEP's Summer Youth Inclusion program into modules -Retool DEP educational content

7-12	**NJEJA:** -Coordinate with TCTAC hubs -Conduct 1:1 meetings with all hub leaders -Continue work on outreach materials & plan -Convene 3rd & 4th quarterly hub meetings -NJEJA and Hub Leaders conduct one hybrid informational meeting for one different hub each quarter - Hub leads follow up with each interested group -Hubs with less than 3 confirmed groups conduct a second round of outreach -Conduct one additional hybrid informational session	-Confirm 2nd round of 1:1 with hubs -Hire Interpreters as needed -Track financial and non-financial data -Submit required reports **Hub Leaders:** - Host one hybrid recruiting meeting for local member orgs - Follow up with member groups -If needed, conduct a second round of outreach -Conduct one additional hybrid informational session -2nd round of 1:1 mtgs with NJEJA	-Hire Interpreters as needed -Submit quarterly reports **Kean:** -Attend Hub Leader meeting - Host Summer At Kean for student engagement -Submit quarterly reports DEP: -pilot curriculum w/ hub leader seminar -Hub leaders provide input and feedback. -Submit quarterly reports
13-18	**NJEJA:** -Coordinate with TCTAC hubs -Officially launch project on social media and on individual Hub Leaders' websites -Highlight participant groups through on-going social media campaign -Comms Mgr. films each module -1st quarterly hub meeting of the 2nd year -Hub leaders solicit feedback from participants -Consult hub leaders on findings	-convene 2nd quarterly hub meeting -Facilitate delivery of 2nd seminar -Track financial and non-financial data -Submit quarterly reports as required **Hub Leaders:** - Attend 2 quarterly meeting -Reconfirm participants for 2nd seminar -Facilitate 2nd quarterly seminar -Solicit feedback from participants	-Submit quarterly reports **Kean:** -Advise & support Hub Leaders -Integrate youth modules into Summer At Kean program curriculum - Attend 2nd seminar -Submit quarterly reports DEP: - Deliver 2nd seminar -Submit quarterly reports
19-24	**NJEJA:** -Coordinate with TCTAC hubs -Plan & lead an EJ tour in one location	**Hub Leaders:** -Plan and attend EJ tour -Plan and attend end of Year 2 graduation	**Kean:** -Plan and attend EJ tour -Plan and attend

	- Award final quarterly stipends - Plan and attend Year 2 graduation and awarding of certificate -Link participants in a social media group; -Track financial and non-financial data -Submit quarterly reports as required	-Link participants in a social media group -Reconfirm participants for 3rd seminar -Submit quarterly reports as required	end of Year 2 graduation -Submit quarterly reports DEP: -Plan and attend EJ tour -Plan and attend end of Year 2 graduation -Submit quarterly reports
25-30	**NJEJA:** -Coordinate with TCTAC hubs -Edit module content -Collaborate with Kean, DEP and contractor to create 10-12 virtual modules. -Assemble advisory group from participants -Facilitate one feedback meeting -Track financial and non-financial data -Submit quarterly reports as required	**Hub Leaders:** -attend 1 feedback mtg -Submit quarterly reports	**Kean:** -Collaborate to create virtual modules. -Submit quarterly reports DEP: -Collaborate to create virtual modules. -Submit quarterly reports
31-36	**NJEJA:** -Coordinate with TCTAC hubs -Continue editing module content Attend 2nd meeting to review content of curriculum and videos -launch website -Track financial and non-financial data -Submit final report as required **Hub Leaders:** --Attend 1st meeting to review content	-Continue editing module content -Attend 2nd meeting to review content -Submit final report as required **Kean:** -Attend 1st meeting to review/assess on content of curriculum and videos -Continue editing module content -Attend 2nd mtg. to review content	-Submit final reports as required DEP: -Attend 1st meeting to review content -Continue editing module content -Attend 2nd meeting to review content -Submit final report as required

a. Itemized Budget Sheet/Budget Narrative

This project is requesting $500,000 for assembling a hub of grassroots community leader organizations, hub member organizations and seminar participants; developing EJ and environmental regulations content; paying a contractor to professionally record and edit educational video modules, paying a contractor for development of a web platform, and operating costs over the three years of the project.

2.0 Environmental Results – Outputs, Outcomes, and Performance Measures (Logic Model)

a. Environmental Results (Logic Model) – See Attachment 'Logic Model'

b. Performance Measurement Plan

The goal of this Collaborative is to expand our statewide network on EJ groups and individuals and to increase the number of participants from OBCs who are aware of and adept at how to engage on NJ environmental justice issues. Progress and performance will be tracked based on measurements divided semi-annually and annually:

a) number of hub member organizations enlisted,
b) number of seminars/EJ Tour given
c) number of individuals who complete one curriculum module
d) number of individuals who complete the full curriculum and graduate/are certified
e) number of individuals from each regional hub who have completed at least one curriculum module

These measurements will allow for both short and long-term outcomes for awareness of EJ resources and ability to engage on local and/or statewide EJ issues. It also gives government a more efficacious way to engage underserved communities and creates a credentialed green jobs readiness pipeline of candidates.

The Collaborative will track the number of participants in each meeting in the milestones by a sign-in sheet. We will monitor those numbers at least semi-annually. We will track attendance at seminars/EJ Tour to ensure participants have earned their certificate and qualify to graduate.

c. Sustainability Plan and Environmental Justice Integration

Colonizing a statewide hub of grassroots organizations and individuals sets the stage for any number of future endeavors by anchoring the process prior to scaling, in a variety of ways. This Collaborative plans to utilize the results of this project by:

- bringing in more partners
- adding more modules as funding permits
- translating classes and written material into languages other than Spanish and English
- Further developing EJ Tour 'how-to training'
- Further developing a website with turnkey online educational content and participant interactions
- Considering 'Community Resiliency' through disaster preparedness
- By reaching out to new seminar graduates to peer mentor the next generation of advocates
- Potentially use this model to tackle public environmentally caused public health issues

This Collaborative is a capacity building project specifically aimed to grow the EJ advocate network within the state. To ensure sustainability, the training modules we develop will be accessible to the public and can be routinely revised in the future for more updated content and curriculum. NJEJA will continue to sit on boards, lead and attend committees and listening groups, and participate in policy discussions at all levels, to safeguard the point of view of affected communities.

4.0 Programmatic Capability

Early NJEJA members attended the Second National People of Color Environmental Summit in 2002. As a result of the learning and advocacy there, they established NJEJA as New Jersey's first Environmental Justice organization. Around 2002, NJEJA was the first organization in New Jersey to bring the issue of Cumulative Impacts to the public and to state agencies as an issue to be addressed in climate change policy. NJEJA began working with statewide and community-based orgs on this issue. Nicky Sheats, PhD, MPP Esq., Director of the Center for The Urban Environment at Kean University is a NJEJA founding member and the chair of the Board of Trustees. Dr. Sheats is considered one of the foremost authorities on Cumulative Impacts nationally and was instrumental in formulating the Newark Environmental Justice and Cumulative Impacts Ordinance of 2016, the Environmental Justice Act of 2019 and the EJ For All Act of 2021. He was also a major contributor to the NJ EJ Law of 2020. One of his principal contributions to the state bill and the federal bills was the inclusion of Cumulative Impacts. Their experience laid the groundwork for NJEJA today.

From the outset, NJEJA has been instrumental to landmark policy initiatives at every level of government: Most recently, the signing of Governor Phil Murphy's EJ Executive Order; the 2017 federal EJ Bill co-sponsored by NJ Senator Cory Booker; the passage of the Newark Environmental Justice and Cumulative Impacts Ordinance; and we submitted critical feedback on the Federal Clean Power Plan. NJEJA also continues to offer guidance on EJ best practices through advisory requests and local and statewide convenings. These workshops are on a range of topics from an EJ perspective, tailored for a variety of audiences from high school students to university researchers.

NJEJA's *Executive Director* Melissa Miles is an EJ leader with local, regional and national influence. She supports frontline organizations with EJ policy expertise and educates and convenes social justice organizations on EJ issues and campaigns. She regularly works with DEP to promulgate the rules for the NJ EJ Law, and to center EJ and to promote mandatory emissions reductions in climate change mitigation policy. Ms. Miles has experience organizing legal and academic partners to support our EJ campaigns, testifying at hearings hosted by local and national government agencies and participating meaningfully in organizational visioning, strategic planning and leadership transitions. She frequently represents NJEJA amongst various stakeholder groups and fosters partnerships with other grassroots and base building organizations towards realizing common goals.

NJEJA's Community Education Manager Dr. Cynthia Hall will serve as *Project Manager*. Dr. Hall has been teaching Environmental Science at the university level since 2007. She has conducted research on lead contamination and environmental justice and served on various committees at department, college and university levels. She is the co-founder of a farm and helps to manage weekly farmer's markets along with a 200+ member Community Supported Agriculture (CSA)

group. Dr. Hall also regularly facilitates educational programs that encourage and teach people how to grow their own food.

Expenditure of Awarded Grant Funds (OMB)

NJEJA retains Phillip M. Nembhard, MBA, CPA, owner of NPM Accounting and Advisory, LLC, as the organizational accountant. Our accounting system is designed to track and analyze financial activities from multiple dimensions to help manage grants and donations effectively. Revenue and expenditure activities are tracked at the grant level and also at the program levels while keeping track of restricted and non-restricted fund balances. Our QuickBooks system also tracks budgeted activities against actual periodic results.

Transactions are tested and audited annually by an independent accountant. Our internal controls impose limits and restrictions on record-keeping, custody over company assets, and authorization limits.

The federal draw down is processed by Budget and Finance Federal Funds Administration (FFA). Drawdowns are processed in the Federal Automated Standard Application for Payments (ASAP) system. Further information provided upon request.

5.0 Past Performace

NJEJA has grown dramatically in the last few years, so our main example is from Surdna Foundation, Inc. In 2019 they awarded NJEJA a $300,000 general operating grant to be delivered over 3 years ($100,000/year). We were to report annually to maintain the grant in good standing. We sent in annual reports as required and a final report in the final year of the grant.

In 2022 we applied again with Surdna and were awarded another $300,000 grant to be delivered over 3 years, ending in 2025. The first report is due at the end of April, 2023 and it has been started and is currently being edited. We have never failed to submit a report on time, regardless of the size of the award.

In March 2023 we were part of the WE ACT TCTAC team to be awarded a $10M grant from the EPA. NJEJA will receive $100,000 as part of this award but have not yet received the funds, although there have been some EPA requests to fill prior to starting.

We have also hired a contract grant writer to keep track of awards and reporting requirements, as well as to write the reports and submit them.

6.0 QAPP

The NJ EJ Collaborative will involve the use of existing environmental data and statistics.

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: PathStone Corporation

Address: 400 East Avenue

City: Rochester

State: NY: New York Zip Code: 14607

B. Unique Entity Identifier (UEI): HNEZN8HPK785

C. Applicant/Recipient Point of Contact

Name: Angela Iocolano

Phone: Redacted

Email: aiocolano@pathstone.org

Title: Sr. Director, Quality & Evaluation

II. Is the applicant currently receiving EPA Assistance? ☒ Yes ☐ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

Several complaints have been filed with HUD / NYS Division of Human Rights alleging discriminatory housing practices.
Responses denying the allegations of these complaints are being filed on behalf of the respondents.
PathStone manages hundreds of units of affordable housing in multiple states, so these complaints are common.
However, as noted below, these complaints are not decided against the applicant when closed.

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None.

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

None.

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

Anne Babcock-Stiner, Esq.
Chief Human Resource Officer
PathStone Corporation
400 East Avenue
Rochester, NY 14607
T: Ex. 6 - Personal Privacy (PP)
F: Ex. 6 - Personal Privacy (PP)

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

Please see requested copy of Grievance Procedures attached at Other Attachments since it is not possible to add an attachment directly to this form.

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Angela M Iocolano	Sr. Vice President, Direct Services	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Brenda | Middle Name:
Last Name: Soto Colón | Suffix:
Title: Sr. Vice President, Direct Services

Complete Address:

Street1: 400 East Avenue
Street2:
City: Rochester | State: NY: New York
Zip / Postal Code: 14607 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:** 585.340.3375
E-mail Address: BSoto@pathstone.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Ruperto | Middle Name:
Last Name: Montero | Suffix:
Title: Chief Financial Officer

Complete Address:

Street1: 400 East Avenue
Street2:
City: Rochester | State: NY: New York
Zip / Postal Code: Ex. 6 Personal Privacy (PP) | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:** Ex. 6 - Personal Privacy (PP)
E-mail Address: RMontero@PathStone.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Angela | Middle Name:
Last Name: Iocolano | Suffix:
Title: Sr. Director, Quality & Evaluation

Complete Address:

Street1: 400 East Avenue
Street2:
City: Rochester | State: NY: New York
Zip / Postal Code: 14607 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: aiocolano@pathstone.org

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** | **First Name:** Mileidy | **Middle Name:**

Last Name: Soto | **Suffix:**

Title: Director, Training & Employment

Complete Address:

Street1: 606 Avenida Tito Castro Suite 209; La Rambla Plaza

Street2:

City: Ponce | **State:** PR: Puerto Rico

Zip / Postal Code: 00716 | **Country:** USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:** Ex. 6 - Personal Privacy (PP)

E-mail Address: MSoto@PathStone.org

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier: NY

8. APPLICANT INFORMATION:

* a. Legal Name: PathStone Corporation

* b. Employer/Taxpayer Identification Number (EIN/TIN): 16-0984913

* c. UEI: HNEZN8HPK785

d. Address:

* Street1: 400 East Avenue
Street2:
* City: Rochester
County/Parish: Monroe
* State: NY: New York
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 14607-1910

e. Organizational Unit:

Department Name:

Division Name: Puerto Rico Operations

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Angela
Middle Name:
* Last Name: Iocolano
Suffix:

Title: Sr. Director, Quality & Evaluation

Organizational Affiliation: PathStone Corporation

* Telephone Number: Ex. 6 - Personal Privacy (PP)
Fax Number:

* Email: aiocolano@pathstone.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

1234-Attachment_to_SF424_#14_PathStone.pdf | Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Environmental Justice Collaborative Problem-Solving in Arecibo, Barceloneta and Utuado, Puerto Rico - PathStone

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: NY-025 * b. Program/Project: PR-000

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 * b. End Date: 10/31/2026

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	500,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name: Brenda

Middle Name:

* Last Name: Soto Colón

Suffix:

* Title: Sr. Vice President, Direct Services

* Telephone Number: Ex. 6 - Personal Privacy (PP) Fax Number:

* Email: BSoto@PathStone.org

* Signature of Authorized Representative: Angela M Iocolano * Date Signed: 04/14/2023

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Environmental Justice Collaborative Problem-Solving - PathStone Puerto Rico

Brenda
Soto Colón

Sr. Vice President, Direct Services
400 East Avenue
Rochester
NY: New York
14607
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
BSoto@pathstone.org

Ruperto
Montero

Chief Financial Officer
400 East Avenue
Rochester
NY: New York
14607
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
RMontero@PathStone.org

Angela
Iocolano

Sr. Director, Quality & Evaluation
400 East Avenue
Rochester
NY: New York
14607
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
aiocolano@pathstone.org

Mileidy
Soto

Director, Training & Employment
606 Avenida Tito Castro Suite 209; La Rambla Plaza
Ponce
PR: Puerto Rico
00716
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
MSoto@PathStone.org

Application
New
2023-04-14
NY
PathStone Corporation
16-0984913
HNEZN8HPK785
400 East Avenue
Rochester
Monroe
NY: New York
14607-1910
USA: UNITED STATES

Puerto Rico Operations
Angela
Iocolano

Sr. Director, Quality & Evaluation
PathStone Corporation
EX. 6 - Personal Privacy (PP)
aiocolano@pathstone.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
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66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
1234-Attachment_to_SF424_#14_PathStone.pdf

application/pdf

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Environmental Justice Collaborative Problem-Solving in Arecibo, Barceloneta and Utuado, Puerto Rico - PathStone
NY-025
PR-000
2023-11-01
2026-10-31
500000.00
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500000.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Brenda
Soto Colón

Sr. Vice President, Direct Services
EX. 6 - Personal Privacy (PP)
BSoto@PathStone.org
Angela M Iocolano
2023-04-14

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156667.00

= $437,936
= $ 62,064
Indirect charges per our Negotiated Indirect Cost Rate Agreement/NICRA with the USDOL, our cognizant agency.

PathStone Corporation
400 East Avenue
Rochester
NY: New York
14607

HNEZN8HPK785
Angela Iocolano
Ex. 6 Personal Privacy (PP)
aiocolano@pathstone.org
Sr. Director, Quality & Evaluation
Y: Yes
Several complaints have been filed with HUD / NYS Division of Human Rights alleging discriminatory

housing practices.
Responses denying the allegations of these complaints are being filed on behalf of the respondents. PathStone manages hundreds of units of affordable housing in multiple states, so these complaints are common. However, as noted below, these complaints are not decided against the applicant when closed.
None.
None.
N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Anne Babcock-Stiner, Esq.
Chief Human Resource Officer
Ex. 6 Personal Privacy (PP)
T: EX. 6 - Personal Privacy (PP)
F: Redacted
Please see requested copy of Grievance Procedures attached at Other Attachments since it is not possible to add an attachment directly to this form.
Angela M Iocolano
Sr. Vice President, Direct Services
2023-04-14

1235-Attachment_Form_4700_XI_Grievance_PathStone.pdf
application/pdf
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1236-Att_i_Itemized_Budget_Narrative_PathStone.pdf
application/pdf
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1237-Att_ii_Logic_Model_PathStone x.pdf
application/pdf
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1238-Att_iii_Letters_of_Commitment_PathStone.pdf
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1239-Att_iv_Resumes_PathStone.pdf
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1240-Att_v_501_c_3_Status_PathStone.pdf
application/pdf
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1241-Project_Narrative_PathStone.pdf

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Gbc3N/Q1Wla9TygqvNImzDkW+I8=
2023-04-14T23:32:56.000-04:00
Angela M Iocolano
GRANT13862093

Attachment v. Proof of Non-profit Status

IRS Department of the Treasury
Internal Revenue Service
P.O. Box 2508, Room 4010
Cincinnati OH 45201

In reply refer to: 4077550286
Jan. 02, 2009 LTR 4168C 0
16-0984913 000000 00 000
00100115
BODC: TE

PATHSTONE CORPORATION
% KEVIN G RYCK COMPTROLLER
400 EAST AVE
ROCHESTER NY 14607-1910001

050654

Employer Identification Number: 16-0984913
Person to Contact: Vaida Singleton
Toll Free Telephone Number: Ex. 6 - Personal Privacy (PP)

Dear Taxpayer:

This is in response to your request of Nov. 05, 2008, regarding your tax-exempt status.

Our records indicate that a determination letter was issued in September 1982, that recognized you as exempt from Federal income tax, and discloses that you are currently exempt under section 501(c)(3) of the Internal Revenue Code.

Our records also indicate you are not a private foundation within the meaning of section 509(a) of the Code because you are described in section(s) 509(a)(1) and 170(b)(1)(A)(vi).

Donors may deduct contributions to you as provided in section 170 of the Code. Bequests, legacies, devises, transfers, or gifts to you or for your use are deductible for Federal estate and gift tax purposes if they meet the applicable provisions of sections 2055, 2106, and 2522 of the Code.

If you have any questions, please call us at the telephone number shown in the heading of this letter.

Sincerely yours,

Cindy Westcott

Cindy Westcott
Manager, EO Determinations

Ex. 6 Personal Privacy (PP)
Rochester, NY 14607

Ex. 6 - Personal Privacy (PP)
bsoto@pathstone.org

Ex. 6 Personal Privacy (PP)

Experience

2008 – date PathStone Corporation .

Senior Vice President, Direct Services Rochester, NY 2022 – date

- Provide multi-state leadership, management, and oversight for the overall ME-NY-OH-PR-VT Operations through the management of Health & Safety, Support and Emergency Services, and Workforce Development for low income, justice-involved, farmworker, displaced and disenfranchised youth, adults and seniors programs. Actively advocates for populations served.
- Manages budgets over $25,000,000 and a culturally diverse staff over 100.
- Innovates an evidence-based service delivery system that supports families and individuals in achieving self-sufficiency through financial, community and human resources while meeting/exceeding performance goals.
- Develops programs and funding; ensures compliance through program planning, monitoring and evaluation.

Director of Training & Employment, Puerto Rico 2021 – 2022

- Managed budgets over $10,000,000 and a staff of 50+.
- Ensured Island-wide grant compliance, budget monitoring, advocacy, supervision and program direction.
- Served on Executive Committee of the Board for Nat'l Association of Farmworker Opportunities Programs.
- Applied 14 years of experience to generate performance exceeding funder requirements.

Director of Internal Quality Control 2012 – 2021

- Developed and monitored annual budgets for all programs in PR, prepared monthly budget reports; managed purchasing and payments, supply expenditures, provided quality control for payment and fiscal documents.
- Tracked regional and state goals and objectives; monitored client files and supervised Data Validation and Human Resources Staff ensure compliance with organization policies and regulations.
- Provided training to staff on fiscal policies and procedures and contracts review. Assisted in the preparing proposals and program reports.

Regional Administrator/Guayama, PR (Pathways Out of Poverty, Green for Gold) 2010 – 2012

- Administration of 2 million dollar budget Green for Gold program. Direct supervision of 7 employees including recruitment, interviewing, transfers, promotions, evaluations, discipline and termination. Request, monitor, and authorize expenditures from a managed budget of up to $500.00.

Training & Employment Coordinator (National Farm Worker Jobs Program) 2008 – 2010

- Assist farmworkers and their families in the search of better employment opportunities, give training and prepare them for interviews, contact employers, present the program to farmworkers, agencies, companies and communities, resolve different types of situations related to the participant's and serve as a guidance counselor.

2005 –2008 House of Representatives San Juan, P.R.

Administrative Assistant

Monitoring press coverage, coordinate legislator agenda, write press communications and resolutions and prepare presentations. Implementation of standardized processes across three offices. Audit determined 100% achievement of Puerto Rico Comptroller Office requirements.

3/2003 – 1/2005 House of Representatives San Juan, P.R.

Communications Officer

Monitoring press coverage, prepare activities, write messages, coordinate the legislator agenda, write press communications, and resolutions, prepare presentations and other tasks related to the job.

Education

- Master's Degree, Human Resources Turabo University; Gurabo, PR
- Bachelor's Degree, Public Communications University of PR /Río Piedras

Professional Development

- Cognitive Behavioral Interventions/CBI: Investment in Excellence, (8/22/2008) PX2 Certification (10/25/2008); The Pacific Institute
- Administration of non profit organizations for the sustainability and community empowerment; Universidad del Sagrado Corazón (5/7/2010)
- Recycling Promoter Seminar, (6/30/2010)
- Roots of Success Certification, (2010)
- Job Retention Certification Program; AFOP Training Institute (2012-2013)
- OSHA 511: Occupational Safety and Health Standard for General Industry Certification; Atlantic OSHA Training Center (2014)
- Administration, Human Resources and Labor Relations Certification; Instituto de Educación Superior (2015-2016)
- Conflict Mediation Certification; Centro de Solución de Conflictos (2016)
- Compensation and Benefits Certification; Instituto de Educación Superior (2016)
- Compulsory Mediation for Mortgage Executions; Turabo University (2016)
- Mediation Certification Approved by the PR Supreme Court; CeMedia (2016)

Other Skills

- Fluent in English and Spanish.
- Intermediate / advanced skills; MS Office Suite, Outlook, Internet, Page Maker.

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CHIEF FINANCIAL OFFICER

CAREER PROGRESSION

PATHSTONE – Rochester, NY — 2019 to Present
CHIEF FINANCIAL OFFICER

Overview: Assure development, implementation, maintenance, evaluation, and monitoring of the overall corporate financial management systems. Provide overall Financial management for PathStone Corporation and 24 affiliate companies and 48 partnerships with combined annual revenues of $57,000,000 and $224,000,000 in Assets. Provide management oversight of PathStone's Property Management services, with annual revenues of $15,000,000.

- **Ensure an effective central purchasing system** for all purchases made by the corporation.
- **Maintain accurate, complete, and up-to-date inventory** of all corporately owned physical property, including equipment located in all PathStone office and subcontractor sites.
- **Responsible for the conduct of an annual independent public certified audit** and the preparation of all information required by such audit.
- **Participate in all grant audits** as required and ensure the availability of accurate and complete information for grant auditors. Audit preparation for subcontractors.
- **Responsible for the accurate up-to-date recording of corporate fiscal operations** through the computerized general ledger, accounts payable and payroll systems.
- **Preparation and negotiation of Indirect Cost Rate**, Fringe and Release rates
- **Responsible for design of overall Fiscal system** including Hardware/Software utilization, corporate internal controls, and segregation of duties.
- **Ensure that accurate, complete and timely reporting** of all required state and federal reporting forms is completed.
- **Utilization of a complete and comprehensive knowledge of all regulations** affecting fiscal matters to inform the CEO and Program Directors of regulations affecting the fiscal management and operation of individual grants.

IBERO AMERICAN ACTION LEAGUE – Rochester, NY — 2015 to 2019
CHIEF FINANCIAL OFFICER

Overview: Managed financial and regulatory reporting process, financial operations, systems development, project management, and process re-engineering. Responsible for integrating the Finance Department and managing the conversion of a multi-location financial reporting system following a service agreement between two organizations. Established corporate infrastructure and created a common culture.

- **Improved organizational performance** by focusing on deliverables and outcomes. Proposed and implemented changes to eliminate negative trends. Experienced a 326% Change in Net Assets recovery.
- **Created a high performing finance team** by providing growth opportunities. Mentored and developed talent. Team members are more productive and exhibit a higher commitment to our mission.
- **Established and managed** the Finance Department infrastructure to incorporate a new organization into our reporting cycle.
- **Improved processes** for monthly cash forecasting and financial reporting. Accounts Payable were reduced by $600K compared to previous year.
- **Evaluated programs' social and economic impact** to our region and proposed changes that generated $150K.
- **Designed and implemented an** incentive program to attract and retain new radio station staff. The station contributed over $25K to the agency's bottom line in its first year of operations.
- **Reengineered** the financial reporting process. Provided Board members and department managers a new cash flow/monthly reporting package.

UNIVERSITY OF ROCHESTER – Rochester, NY 2009 to 2015
SENIOR ACCOUNTANT

Overview: Provided administrative oversight in the clinical, research, and operation areas. Successfully developed faculty practice/operational budgets. Functionally responsible for all financial projections, financial analyses, and expenditure approval.

- **Led a team to create a salary/productivity benchmark analysis** and increased wages of over 190 physicians.
- **Managed a cross-functional team to develop a performance measure scorecard.** Reported work RVUs and charges per hour on a quarterly basis for over 40 faculty members. Physicians were able to compare their performance between fiscal year quarters and among themselves.
- **Created annual hospital and faculty practice budgets $125M.** Explained variances to the Medical Faculty Group and Strong Memorial Hospital Finance Department. Provided action plan for correction of variances whenever appropriate.
- **Updated policies and procedures** to improve financial reporting. Received a positive follow-up letter from the Internal Audit department after implementing a new ledger reconciliation process.
- **Maximized productivity and workflows by** training new employees in all accounting and reporting software.

ROCHESTER REGIONAL HEALTH SYSTEM – Rochester, NY 2008 to 2009
SENIOR ACCOUNTANT

Overview: Responsible for overseeing all monthly closing activities, including variance analysis and financial statement preparation. Created new budgets and modified existing ones to maximize revenue generating activities. Prepared and filed cost reports with government agencies and served as key liaison to external auditors when completing the annual financial audit.

- **Streamlined monthly closing process** by identifying and eliminating two-step allocations when recording expenses at the affiliate level. Gained operational efficiencies.
- **Consistently complied with monthly closing schedule** to produce timely and accurate financial statements.
- **Successfully addressed** all questions in the 2007 Consolidated Fiscal Report (CFR) desk audit, instrumental in filing the 2008 CFR.

ACTION FOR A BETTER COMMUNITY, INC. – Rochester, NY 2000 to 2008
ASSISTANT DIRECTOR OF BUDGETS & CONTRACTS

Overview: Promoted from Staff Accountant position to oversee a variety of functions including preparation of monthly/year-end financial statements, budgets, revenue distribution, and control of capital expenditures on both corporate and divisional level. Assumed leadership over special projects including preparing responses to funding sources' (federal and state) requests for information. Directed activities of staff and volunteers tasked with analyzing financial data.

- **Credited with saving over $500K** by implementing corrective action plan that included transferring two positions to a different division, reorganizing transportation component, and eliminating two positions. All without compromising productivity. Plan was approved by Board of Directors.
- **Generated 80% reduction in disallowed Medicaid payments** over a three-year period by leading quality assurance internal audit functions.
- **Spearheaded engagement to examine six years of federal payments and allocation of said payments** among federal awards; prepared reconciliation and report for auditors which confirmed findings ($82M).
- **Improved operating efficiencies** by leading implementation of new accounting software to replace 15-year old system. Delivered seamless transition despite timing of project six months into the new fiscal year.
- **Prepared and filed federal financial reports for agency's largest funding stream ($16M)** and reconciled federal payments received to expenses reported on general ledger.

EDUCATION AND PROFESSIONAL TRAINING

MBA, Health Science Management – University of Rochester Simon Business School, Rochester, NY, 2015

Health Care Business Academy Fellowship Program, 2016

Certified Public Accountant License – NYS

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aiocolano@pathstone.org

Organizational Quality and Effectiveness Professional, with 25 years of experience in the design, delivery, implementation, documentation, evaluation and innovation of Workforce Development, Health & Safety and Emergency & Supportive Service programs.

EXPERIENCE

1998 – date **Senior Director, Program Quality & Evaluation** **PathStone Corporation**

- Facilitated expansion of PathStone service footprint to include Puerto Rico, Vermont, Virginia, Delaware and Maine and expanded services in existing states (New York, New Jersey, Pennsylvania and Ohio) through collaboration and development of innovative programs.
  - Developed Reentry Services for justice-involved individuals through research in justice methodology, collaboration with stakeholders, engagement of senior and program staff, education and training, and development of evidence-based programs.
  - Created Environmental Training and Employment Services for social justice populations through technical research in environmental impact, education and training, collaboration with US EPA, engagement of senior staff and development of science-based programs.
- Supported program implementation through technical assistance, training, coaching, audit participation, inquiries and responses to funders, responses to FOIA requests, reporting, and creation of program assets, i.e., measures, training content, manuals, Memoranda of Understanding, protocols/policies/procedures, etc.
- Expanded Direct Services funder base with new funding from U.S. Environmental Protection Agency/EPA, U.S. Economic Development Administration/EDA, U.S. Department of Justice/DOJ, U.S. Department of Agriculture, NYS Office of Aging, NYS Division of Criminal Justice Services, NYS Office of Children and Family Services, New York State Energy Research and Development Authority/NYSERDA, National Partnership for Environmental Technology Education/PETE, P.R. Department of Housing/DOH and Rural LISC.
- Secured funding to support and enhance capacity of Direct Services; obtained new funding through design and development; and annually maintained over $10,000,000 existing funding through continuation plans and budgets.
  - 2021 = $30,065,334 total. Generated $19,912,808 in new funding.
  - 2020 = $7,831,916 in new funding (only 25% of SCSEP awarded).
  - 2019 = $7,258,220 in new funding.
  - 2018 = $5,530,000 in new funding.
- Facilitated development of first agency-wide business planning, monitoring and reporting system through collaboration with Executive Directors of all lines of business. Created standardized objectives and measures for lines of business currently in use in 2022 Dashboard.
- Pioneered design and implementation of program evaluation processes including Internal Audit and site monitoring for multi-state programs.

1988 – 1997 Principal/Performance Improvement Manager Applied Excellence Inc.

- Conducted domestic and multi-national organizational assessments and training focused on building individual, interpersonal and organizational competencies.
- Developed and managed the delivery of programs in the public, private, educational and health sectors for clients such as Corning, Eastman Dental School, Kodak, Kenmore Mercy Hospital Consortium, MDS Sciex, University of North Carolina, Volvo and the WNY Childcare Council.
- Developed an e-based assessment for Pfizer Pharmaceutical's Global Learning Leaders, an Event Evaluation & Commitment Tracking process for MY Atomic Power and a quantitative and qualitative strategic assessment for FMC-APG. Assisted NASA to resolve service provider issues.
- Managed national network of training and assessment consultants. Responsible for program development, delivery and outcome evaluation.

1984 - 1987 Instructor State University of New York at Buffalo

- Designed and taught undergraduate courses including Small Group Processes, Social-Industrial Psychology and Statistics.
- Conducted basic and applied research in conflict mediation, dispute settlement, organizational problem solving, quality of work life and job satisfaction.
- Designed and delivered seminars on leadership, power and influence, group development, teambuilding and conflict resolution for internal and external client groups.

PUBLICATIONS - SAMPLE

- Redacted "The Ultimate Organization," Journal of the American Medical Association, November/December 1996, Volume 45, No. 6.
- Redacted "A Better Way to Work," Executive Excellence: The Magazine of Leadership Development and Managerial Effectiveness, April 1997, Volume 14, No. 4.

EDUCATION

SUNY at Buffalo, Amherst, NY. MA, Social and Organizational Psychology

Keuka College, Keuka Park, NY. BA summa cum laude, Psychology; minor in Sociology.

Certified ACE Interface Master Trainer - Understanding NEAR: Neuroscience, Epigenetics,

Adverse Childhood Experiences, and Resilience (NYSCAA)

Nationally Certified ROMA Implementer/NCRI

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EXPERIENCE PORTFOLIO

Director of Training and Employment Programs 2022 – Present

- Oversee multiple training and employment programs, including the National Farmworker Jobs Training Program, the Senior Community Service Employment Program, Re-Entry Employment Opportunity Programs, Pathway Home 2, the Brownfields Job Training Program, the Solar Construction Workforce Development Program, Youth Build, AFOP Health & Safety Programs, National PETE, Rural Works, Farmers & Ranchers, and Work Force Training Community Development Block Grant – Disaster Recovery Program.
- Develop, implement, analyze and monitor multiple service activities and delivery systems island wide, including budgets, goals, performance, compliance, audits, evaluation and monitoring.
- Create and manage long-term program goals and develop and implement evaluation methods to ensure that goals are met; assess program strengths and identify areas for enhancement.
- Manage and develop a team with a diverse array of talents and responsibilities. Establish and modify staffing patterns; identify employee development opportunities.
- Establish relationships and maintain contact with funders, donors, consultants, media, government agencies, community partners, national advocacy consortiums, sister agencies and stakeholders. Educate decision makers on issues relating to low-wage workers.

Health & Safety Administrator / Trainer 2019 – Present

- Administer Health and Safety Programs that PathStone operates through the National Partnership for Environmental Technology Education.
- Coordinate appropriate training for staff and community members.
- Report and track overall progress of Health and Safety programs. Inventory and maintenance of Health and Safety Training Equipment.
- Supervise 20+ trainers of Disaster Site Worker Training for compliance.
- Provide Training: HAZWOPER, Disaster Site Worker, Confined Space Entry, Respiratory Protection, OSHA Construction and General Industry 10/30 Hours, Containing Infectious Disease/COVID.

Regional Administrator 2012-2022
Training & Employment Manager 2010-2012
Training & Employment Coordinator 2008-2010

- Responsible for the success of federal programs funded by the US Department of Labor, Environmental Protection Agency, Economic Development Administration, and National Institute of Environmental Health Sciences to address emergency needs, training services and employment barriers of island wide residents.

Local Workforce Board Área Local Desarrollo Laboral Norte-Central 2012- Current

- Serve on American Job Center Board and Committees for Strategic Planning; Employer, Provider and Youth Services; and Evaluation.

CERTIFICATIONS/CREDENTIALS

- Disaster Preparedness Instructor/ Disaster Site Worker Instructor-License Ex. 6 Personal Privacy (PP)
- 10-Hour Construction Safety and Health, License Ex. 6 Personal Privacy (PP)

- Authorized Trainer – Community College Consortium for Health & Safety Training
  - 40-Hour Hazardous Waste Site Worker, DOT, Confined Space Awareness and Instructional Methodologies
  - Containing the Spread for COVID-19 at home and work
  - HAZCOM & COVID-19
  - Back to Work - COVID19

- Authorized Trainer – Occupational Safety and Health Administration
  - Construction Trainer – License Ex. 6 Personal Privacy (PP)
  - General Industry Trainer – License Ex. 6 Personal Privacy (PP)

- Instructor Opioids and the Workplace – National Partnership for Environmental Technology Education

- Roots of Success Authorized Trainer – Environmental Literacy
- Sustainability and Empowerment of Communities
- Pesticide Health and Safety Trainer – Association of Farmworker Opportunity Programs
- Worker Protection Standards Trainer – Department of Agriculture
- CPR & AED Certified – American Heart Association

- OSHA 511 Occupational Safety & Health Standard/General Industry – Atlantic OSHA Training Center
- OSHA 510 Occupational Safety & Health Standard/Construction – Atlantic OSHA Training Center
- OSHA 2015 Hazardous Materials – Barton Community College
- OSHA 521 Guide to Industrial Hygiene – Barton Community College
- OSHA 2225 Respiratory Protection – Barton Community College

- National Association of Workforce Development Professionals
- Job Development
- Employment Preparation & Placement Strategies
- Mediation Certification Approved by the Supreme Court of PR
- Gallup Certified Strengths Coach – License Ex. 6 Personal Privacy (PP)

EDUCATION

Business Administration Management BA – *anticipated 2024*
National University College Bayamon, Puerto Rico

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PROFESSIONAL PROFILE

Professional, with over 10 years of experience in case management and administration. I have a, BS in Industrial Organizational Psychology, which helped me to develop effective communication skills, group management, creation and administration of trainings and workshops. In addition, to a Master's Degree in Business Administration, in which I have acquire the skills of leadership, team management, budgeting, organizational development, organizational culture, every individual by their among others. As well, I have obtained experiences that have helped me to develop effective time management, experience in the coordination of occupational skills training activities in high demand industries. Ability to counsel, motivate, monitor and track client's progress. Specific expertise and knowledge of community resources that provide participants and families with the assistance and services they need. Effective communication with employers, service providers, professional partners and members of low-income communities. Bilingual in Spanish and English.

EXPERIENCE PORTFOLIO

Training and Employment Manger
PathStone Corporation, Arecibo, Puerto Rico
2022- Present

- Direct supervision, training, coaching, and support of staff and volunteers.
- Responsible for recruiting, interviewing, recommending for hiring, transfers, promotions, discipline, and termination.
- Develop, analyze, distribute, and evaluate program goals, objectives and budgets.
- Determine client eligibility validation of documentation.
- Monitor and maintain complete and accurate records and files on all participants.
- Ensure quality job placements and retention.
- Collaborate with staff and management team to accomplish program goals and meet performance standards within budget parameters.

Placement and Career Services Developer
PathStone Corporation, Arecibo, Puerto Rico
2017-2022

- Conduct participant initial screening and comprehensive assessment of job readiness, skills, strengths, abilities, identify barriers, and establish individual employment plans for over 50

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participants on a yearly basis.

- Assess, plan, implement, monitor, and evaluate actions required to meet the client's services needed.
- Assess training needs through surveys, interviews with participants, focus groups, or consultation with managers, instructors or customer representatives.
- Assist participants in establishing, reviewing and monitor individual and family goals and objectives.
- Recruitment of participants eligible to receive program services.
- Coordinate job readiness, English classes, and cognitive restructuring workshops for over 50 participants on a yearly basis.
- Collaborate with agency representatives, community groups, and area employers to determine employment trends and conduct quarterly Labor Market Analysis.
- Establish employment referral network including job bank and training activities specific to the employer needs.
- Market training programs, and develop placement opportunities for job ready participants.
- Assist over 50 participants a year with employment, retention, occupational skills training, and emergency, support, advocacy, and referral services.
- Link clients to needed and available community resources in the areas of legal, medical, educational, financial, mental health and more.
- Recruit potential employers by advocating for individuals with barriers such as: criminal background, disabilities, lack of employment skills, high school dropouts, etc.
- Build and develop positive alliances with community business and potential employers.

EDUCATIONAL BACKGROUND

National University College, Arecibo Campus
Master's Degree in Business Administration-Diploma 2019

University of Puerto Rico, Arecibo Campus
Bachelor Degree on Industrial Organizational Psychology-Diploma 2008

CERTIFICATIONS/CREDENTIALS

Building Motivation Engagement, and Participation/AFOP training Institute/Online/ 2021
Effective Communication Skills for Non- Profit Organizations/RH Media & Consulting/Ponce/PR/2020
CPR & AED, North Point Institute/Ponce/ PR / 2019
Agricultural Workers and Pesticide Handlers - Train the Trainer Program, Department of Agriculture -Laboratorio Agrológico de PR / Ponce / PR / 2017
Small Business Management/AAFET/Ponce/PR/2009
Construction Industry Occupational Health & Safety Training- National Partnership for Environmental Technology Education/ 2019
Disaster Site Worker Trainer Authorization- National Partnership for Environmental Technology Education/ 2022
HAZWOPER Trainer Authorization- National Partnership for Environmental Technology Education/ 2023

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PROFESSIONAL PROFILE

Experienced Training and Employment Coordinator with more than 13 years assisting low income individuals with multiple barriers to increase their job readiness, career planning, job search techniques, workplace soft skills, employment opportunities, and job retention. Demonstrated success in cognitive restructuring, English language, and financial literacy instruction. Experience in the coordination of occupational skills training activities in high demand industries. Ability to counsel, motivate, monitor and track clients progress. Specific expertise and knowledge of community resources that provide participants and families with the assistance and services they need. Effective communication with employers, service providers, professional partners and members of low income communities. Trilingual in Spanish, English, and German.

EXPERIENCE PORTFOLIO

Training & Employment Coordinator
Outreach Coordinator
PathStone Corporation, Naranjito, Puerto Rico
2008-Present

- Conduct participant initial screening and comprehensive assessment of job readiness, skills, strengths, abilities, and barriers, and establish individual employment plans for over 50 participants on a yearly basis.
- Assess, plan, implement, monitor, and evaluate actions required to meet the client's services needed.
- Assess training needs through surveys, interviews with participants, focus groups, or consultation with managers, instructors or customer representatives.
- Assist participants in establishing, reviewing and monitor individual and family goals and objectives.
- Coordinate job readiness, English classes, and cognitive restructuring workshops for over 50 participants on a yearly basis.
- Collaborate with agency representatives, community groups, and area employers to determine employment trends and conduct quarterly Labor Market Analysis.
- Establish employment referral network including job bank and training activities specific to the employer needs.
- Develop and maintain employment and training opportunities for program clients and provide

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support in utilizing those opportunities.

- Serve as leader and coordinate all training and employment activities.
- Market training programs, and develop placement opportunities for job ready participants.
- Assist over 50 participants a year with employment, retention, occupational skills training, emergency, support, advocacy, and referral services.
- Link clients to needed and available community resources in the areas of legal, medical, educational, financial, mental health and more.
- Maintain current, accurately documented participant files, complete all required paperwork and service tracking reports according to deadlines.
- Recruit potential employers by advocating for individuals with barriers such as: criminal background, disabilities, lack of employment skills, high school dropouts, etc.
- Build and develop positive alliances with community business and potential employers.

EDUCATIONAL BACKGROUND

Master's Degree in Human Resources, June 2011
University of Phoenix, Guaynabo, Puerto Rico

Bachelor of Arts in Humanities, Major in English combined with Pedagogy, June 2005
University of Puerto Rico, Cayey, Puerto Rico

CERTIFICATIONS/CREDENTIALS

Hazwoper Certification/2023
Disaster Site Response for Trainers/2023
15-Hour Disaster Site Worker, Volunteer State Community College/2021
10-Hour Construction Safety and Health, MCCKC.EDU/OSHA2020
Job Search & Job Retention Boot Camp, ATI Certification Series, Cygnet Associates/ Online - Modules/ 2020
Employment Preparation and Placement Strategies, TAD Grants Certification / Online Certification / 2020
Time Management, TAD Grants Certification / Online / 2020
CPR & AED, North Point Institute, Ponce, PR / 2019
Job Seeker Certification, Association of Farmworker Opportunity Programs / Online-Modules / PR / 2014
Pesticide Safety Training, Association of Farmworker Opportunity Programs, Ponce, PR / 2014
Job Readiness Train the Trainer/ The Pacific Institute/ Rochester/ New York/ 2010
Investment in Excellence/ The Pacific Institute / Ponce / PR / 2008
Agricultural Workers and Pesticide Handlers - Train the Trainer Program, Department of Agriculture -Laboratorio Agrológico de PR / Ponce / PR / 2008

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PROFESSIONAL PROFILE

Experienced Training and Employment Coordinator with 2 years assisting low income individuals with multiple barriers to increase their job readiness, career planning, job search techniques, workplace soft skills, employment opportunities, and job retention. Demonstrated success in cognitive restructuring and conducting case management for families and children. Experience in the coordination of occupational skills training activities in high demand industries. Ability to counsel, motivate, monitor and track client's progress. Specific expertise and knowledge of community resources that provide participants and families with the assistance and services they need. Effective communication with employers, service providers, professional partners and members of low income communities. Bilingual in Spanish and English.

EXPERIENCE PORTFOLIO

Training & Employment Coordinator
PathStone Corporation, Arecibo, Puerto Rico
2021-Present

- Conduct participant initial screening and comprehensive assessment of job readiness, skills, strengths, abilities, identify barriers, and establish individual employment plans for over 50 participants on a yearly basis.
- Assess, plan, implement, monitor, and evaluate actions required to meet the client's services needed.
- Assess training needs through surveys, interviews with participants, focus groups, or consultation with managers, instructors or customer representatives.
- Assist participants in establishing, reviewing and monitor individual and family goals and objectives.
- Coordinate job readiness, English classes, and cognitive restructuring workshops for over 50 participants on a yearly basis.
- Collaborate with agency representatives, community groups, and area employers to determine employment trends and conduct quarterly Labor Market Analysis.
- Establish employment referral network including job bank and training activities specific to the employer needs.
- Develop and maintain employment and training opportunities for program clients and provide support in utilizing those opportunities.
- Serve as leader and coordinate all training and employment activities.

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- Market training programs, and develop placement opportunities for job ready participants.
- Assist over 50 participants a year with employment, retention, occupational skills training, emergency, support, advocacy, and referral services.
- Link clients to needed and available community resources in the areas of legal, medical, educational, financial, mental health and more.
- Maintain current, accurately documented participant files, complete all required paperwork and service tracking reports according to deadlines.
- Recruit potential employers by advocating for individuals with barriers such as: criminal background, disabilities, lack of employment skills, high school dropouts, etc.
- Build and develop positive alliances with community business and potential employers.

EDUCATIONAL BACKGROUND

Bachelor of Agricultural Science in Animal Science, 2019
University of Puerto Rico Mayagüez Campus, Mayagüez Puerto Rico

CERTIFICATIONS/CREDENTIALS

CPR & AED, PathStone Corporation, Arecibo, P.R. / 2021
Forklift, GonzalezGPR.net, Trujillo Alto, P.R. /2021
OSHA 10, GonzalezGPR.net, Trujillo Alto, P.R. /2021
Pesticide Safety Training, Association of Farmwork Opportunity Programs, AFOP, Arecibo, P.R/ 2021
Hazwoper 40 hours, Best Environmental, Inc., Bayamon/ 2021
Artificial Insemination, Repro Tech, Inc., Camuy, P.R / 2019
Puerto Rico Dairy Working Program, Michigan State University/ 2019
Agricultural Workers and Pesticide Handlers - Train the Trainer Program, Department of Agriculture -Laboratorio Agrológico de PR Arecibo, PR / 2021
Disaster Site Worker Trainer Authorization- National Partnership for Environmental Technology Education/ 2022

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EXPERIENCE PORTFOLIO

Placement & Career Services Developer 2010-Present
PathStone Corporation, Ponce, Puerto Rico

- Conduct participant initial screening and comprehensive assessment of job readiness, skills, strengths, abilities, identify barriers, and establish individual employment plans for over 50 participants on a yearly basis.
- Assess, plan, implement, monitor, and evaluate actions required to meet the client's services needed.
- Assess training needs through surveys, interviews with participants, focus groups, or consultation with managers, instructors or customer representatives.
- Assist participants in establishing, reviewing and monitor individual and family goals and objectives.
- Coordinate job readiness, English classes, and cognitive restructuring workshops for over 50 participants on a yearly basis.
- Collaborate with agency representatives, community groups, and area employers to determine employment trends and conduct quarterly Labor Market Analysis.
- Establish employment referral network including job bank and training activities specific to the employer needs.
- Develop and maintain employment and training opportunities for program clients and provide support in utilizing those opportunities.
- Market training programs, and develop placement opportunities for job ready participants.
- Assist over 50 participants a year with employment, retention, occupational skills training, emergency, support, advocacy, and referral services.
- Link clients to needed and available community resources in the areas of legal, medical, educational, financial, mental health and more.
- Maintain current, accurately documented participant files, complete all required paperwork and service tracking reports according to deadlines.
- Recruit potential employers by advocating for individuals with barriers such as: criminal background, disabilities, lack of employment skills, high school dropouts, etc.
- Build and develop positive alliances with community business and potential employers.

Outreach Coordinator 2008-2010
PathStone Corporation, Yauco, Puerto Rico

- Develop strategic relationships and conduct informational presentations in order to recruit eligible low income participants for participation in training and employment programs.
- Organize outreach events, prepare brochures and marketing materials Participate in job fairs organized by public housing, churches, one stops, and poor communities in general.
- Identify prospective participants by collecting, screening, and analyzing local data.
- Conduct initial screening for over 200 individuals on a yearly basis.
- Schedule and conduct pesticide and heat stress orientations in farmworker communities.

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Case Manager 2004-2008
TANF Program, Ponce, Puerto Rico

- Visit individuals in homes to provide information on agency services, requirements and procedures.
- Interview clients individually to conduct assessments on their situations, capabilities, and problems to determine what services are required to meet their needs.
- Refer clients to community resources for services such as job placement, debt counseling, legal aid, housing, medical treatment, or financial assistance, and provide concrete information, such as where to go and how to apply.

School and Community Assistant, Family Advocate
Even Start Program, Dunkirk, New York 1997-2004

- Serve as liaison between students, homes, schools, family services, child guidance clinics, courts, protective services, doctors, and other contacts, to help children who face problems such as disabilities, abuse, or poverty.
- Consult with parents, teachers, and other school personnel to determine causes of problems such as truancy and misbehavior, and to implement solutions.
- Counsel students whose behavior, school progress, or mental or physical impairment indicate a need for assistance, diagnosing students' problems and arranging for needed services.

EDUCATION

Masters of Business Administration in Management and Strategic Leadership
Universidad Ana G. Méndez Santa Isabel, P.R.

Bachelor of Arts in Sociology
State University of New York, Fredonia, New York

Associates Degree in Applied Sciences
Jamestown Community College, Dunkirk, New York

CERTIFICATIONS/CREDENTIALS

HAZWOPER Trainer Authorization - National Partnership for Environmental Technology Education/ Juncos, PR/ 2023
First Aid in Mental Health, FHC of PR Inc. / 2022
Motivational Interviewing Techniques, ATI Certification / 2021
Employment Preparation and Placement Strategies, TAD Grants Certification / 2020
CPR & AED, North Point Institute / 2019
Case Management Certification Workforce 180 / 2018
Grant Writing and Professional Development, TAD Grants Certification / 2018
WIOA Operations Certification, Association of Farmworker Opportunity Programs / 2016
Pesticide Safety Training, Association of Farmworker Opportunity Programs / 2014
Job Seeker Certification, Association of Farmworker Opportunity Programs / 2014
Investment in Excellence/ The Pacific Institute / 2008
Agricultural Workers and Pesticide Handlers - Train the Trainer Program, Department of Agriculture - Laboratorio Agrológico de PR / 2008

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EXPERIENCE PORTFOLIO

Placement and Career Services Developer 2023
PathStone Corporation, Ponce, Puerto Rico

- Conduct participant initial screening and comprehensive assessment of job readiness, skills, strengths, abilities, and barriers, and establish individual employment plans for over 50 participants on a yearly basis.
- Assess, plan, implement, monitor, and evaluate actions required to meet the client's services needed.
- Assess training needs through surveys, interviews with participants, focus groups, or consultation with managers, instructors or customer representatives.
- Assist participants in establishing, reviewing and monitor individual and family goals and objectives.
- Coordinate job readiness, English classes, and cognitive restructuring workshops for over 50 participants on a yearly basis.
- Collaborate with agency representatives, community groups, and area employers to determine employment trends and conduct quarterly Labor Market Analysis.
- Establish employment referral network including job bank and training activities specific to the employer needs.
- Develop and maintain employment and training opportunities for program clients and provide support in utilizing those opportunities.
- Serve as leader and coordinate all training and employment activities.
- Market training programs, and develop placement opportunities for job ready participants.
- Assist over 50 participants a year with employment, retention, occupational skills training, emergency, support, advocacy, and referral services.
- Link clients to needed and available community resources in the areas of legal, medical, educational, financial, mental health and more.
- Maintain current, accurately documented participant files, complete all required paperwork and service tracking reports according to deadlines.
- Recruit potential employers by advocating for individuals with barriers such as: criminal background, disabilities, lack of employment skills, high school dropouts, etc.
- Build and develop positive alliances with community business and potential employers.

Outreach Coordinator 2017-2023
PathStone Corporation, Ponce, Puerto Rico

- Develop strategic relationships and conduct informational presentations in order to recruit eligible low income participants for participation in training and employment programs.
- Prepare brochures and marketing materials to conduct outreach activities.
- Organize outreach events, including the marketing and planning, to promote the services of the organization.
- Participate in job fairs organized by public housing, churches, one stops, and communities
- Identify prospect participants by collecting, screening, and analyzing data on local demographics.
- Complete program enrollment process and make sure that required documents are accurate and meet program eligibility criteria.
- Enter participant information in MIS system.
- Schedule and conduct pesticide and heat stress orientations in farmworker communities.

09/2015 to 07/2017
Marketing Promoter / Team Leader
SSS Advantage, Ponce, Puerto Rico

- Identify prospects eligible for Medicare.
- Measured performance and developed new strategies.
- Organized events to establish community relationships and maximize marketing strategies.

09/2008 to 09/2015
Social and Family Assistance Technician
Administration of Socioeconomic Development of the Family, Ponce, PR

- Coordination of distribution of aid due to natural disasters.
- Performed site evaluations, customer surveys and team audits.
- Worked closely with team to deliver project requirements, develop solutions and meet deadlines.

EDUCATION

Pontificia Universidad Católica de Puerto Rico

Master of Science: Industrial / Organizational Psychology
Bachelor of Science: Psychology
Associate: Management

CERTIFICATIONS/CREDENTIALS

- **CPR & AED,** North Point Institute, Ponce, PR / 2019
- **Agricultural Workers and Pesticide Handlers - Train the Trainer Program**, Department of Agriculture -Laboratorio Agrológico de PR / Ponce / PR / 2017
- **Construction Industry Occupational Health & Safety Training-** National Partnership for Environmental Technology Education/ 2019
- **Disaster Site Worker Trainer Authorization-** National Partnership for Environmental Technology Education/ 2022
- **HAZWOPER Trainer Authorization-** National Partnership for Environmental Technology Education/ 2023

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Ex. 6 Personal Privacy (PP)
West Henrietta, NY 14586
Tel: Ex. 6 - Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)@pathstone.org

Ex. 6 Personal Privacy (PP)

Summary of qualifications

1991 – Present PathStone Corporation Rochester, New York

Current Position: Senior Director Client Data Systems/MIS

- Direct management including quality assurance of Client Data Tracking Systems for PathStone Corp, including PathStone Management Information Systems (MIS), Individual and Family Development Plan Case Management System, Aids Institute Reporting System (AIRS), and PathStone's Dashboard, .
- Performs agency reporting to federal, state and local funding sources and assures compliance with funding source regulations.
- Fully bi-lingual (Spanish and English)

Professional experience

1991 – 1992 PathStone Corporation Rochester, New York

Data Entry Clerk

- Entered into PathStone MIS all applicants' data from multi-state field offices.
- Identified missing and/or incomplete data and obtained information as need for correction.

1992 – 1994 PathStone Corporation Rochester, New York

Program Information Coordinator

- Reviewed participant applications for 2,000 clients and maintained their files, including employment and training contracts, placements and job follow-ups.
- Created and/or edited programs for specialized reporting and tracking requirements, materials and manuals used for computer training.
- Created budgets for various proposals
- Translated documents for the division.

1994 – 1999 PathStone Corporation Rochester, New York

WAN Manager

- Managed agency-wide, computerized information network (Management Information Systems) for four states/thirty field offices; tracked participant databases programs and demographics for 7,000-8,000 clients.
- Performed agency reporting to federal, state, and local funding sources, ensured compliance with funding source regulations, and managed computerized tracking systems.
- Created and/or edited programs for specialized reporting and tracking requirements, materials and manuals used for computer training.

Ex. 6 Personal Privacy (PP) – **page two**

1999 – 2001 PathStone Corporation Rochester, New York

Deputy for Network Technology

- Maintained agency-wide, computerized information system (Management Information Systems), servicing six states/thirty-five field offices; tracked programs and demographics for 8,000-9,000 clients.
- Supervised two full-time staff members and one seasonal staff.
- Performed agency reporting to federal, state, and local funding sources, ensured compliance with funding source regulations, and developed computerized tracking and record keeping systems.
- Created programs for specialized reporting and tracking requirements, developed materials and manuals used for computer training, and
- Installed and maintained computerized client tracking system agency wide and trained staff on system usage.
- Created budgets for various proposals and translated documents for the division.

2001 – 2008 PathStone Corporation Rochester, New York

Director for Client Data Systems/ MIS

- Maintain agency-wide, computerized information system (PathStone Server Suite), servicing seven states and Puerto Rico field offices.
- Perform agency reporting to federal, state, and local funding sources, ensure compliance with funding source regulations.
- Conduct quality assurance and edit as needed data for 10,000-12,000 clients. Update the client data systems as needed.
- Supervise three full-time staff members.
- Development of enhanced computerized tracking and record keeping systems.
- Conduct analyses of program performance and distribute reports to Directors; Create internal reports as requested for peers.
- Provide client and budget data for funding applications.
- Translate documents for PathStone Board of Directors, staff and clients.
- Present PathStone MIS, Case Management tool (IFDP) and Best Practices at national conferences such as MAFO, AFOP, and NCLR.
- Provide agency-wide staff training and technical assistance.

Education

University of Puerto Rico Mayagüez, PR

BSBA – Industrial Management

1.0 PROGRAM OBJECTIVES a. Project Summary Page

• **Project Title**: Environmental Justice Collaborative Problem-Solving in Arecibo, Barceloneta and Utuado Municipalities of Puerto Rico - PathStone

• **Project Location**: Arecibo, PR 00612; Barceloneta, PR 00617; and Utuado, PR 00641.

• **Applicant Information**: PathStone Corporation; 400 East Avenue; Rochester New York 14607

Brenda Soto Colón /Authorized Representative
Sr. Vice President, Direct Services
BSoto@PathStone.org Ex. 6 - Personal Privacy (PP)

Mileidy Soto /Project Manager
Director, Training & Employment
MSoto@PathStone.org Ex. 6 - Personal Privacy (PP)

• **Applicant Description**: PathStone is a not-for-profit 501(c)3 community development and human services organization founded in 1969. Education & Health, Community Development, Housing, and Workforce Development services supported by federal, state, local and private funders enable 500+ dedicated staff to enact our mission to *build family and individual self-sufficiency by strengthening farmworker, rural and urban communities; and promote social justice through programs and advocacy* in PR, IN, ME, NJ, NY, OH, PA, VT and VA.

• Are you applying for the Small CBO Set Aside Track for $150,000 projects? **No**.

•**Project Abstract**: This EJCPS project will assist residents of underserved, high poverty, rural, Hispanic communities to develop emergency preparedness and disaster resiliency skills and plans to minimize exposure to pollutants, exploitation, injury and illness and maximize healthy recovery and thriving before, during and after natural disasters—hurricanes, tornadoes, coastal flooding and earthquakes. These disasters disproportionately impact the environmentally overburdened, low-income, rural communities this EJCPS project will serve: Arecibo, Barceloneta, and Utuado in Puerto Rico. Outputs/outcomes will include 100 individuals gaining knowledge and skills for direct use to mitigate negative impacts and manage resources, including water purification, food storage, and preparing shelters; with NIMS ICS certifications for the FEMA Incident Command System. Other outcomes include skills and FCC certifications for emergency communications, and specialized response skills for earthquakes and hurricanes, including preparing for emergency helicopter access. Residents will learn about what is required to attain Community Hub status and contracts with the PR government to obtain/distribute resources. A significant EJ outcome is that residents will engage with Manejo de Emergencias/ Emergency Management to develop or expand three community response plans and gain meaningful involvement in decisions directly affecting their communities.

• **Project Type**: Training for emergency preparedness and disaster resiliency skills and plans.

• **Special Considerations:** Project goal is to provide education, skills and planning assistance to increase ***Climate Change/Disaster Resiliency*** of residents in three ***Rural Areas*** of Puerto Rico.

• **Environmental Issue**: Contaminant danger (pollution/waste) from natural disasters.

• **Project Partners**: National Partnership for Environmental Technology Educ./ academic; Program Area Advisory Committee & Utuado Municipality/Target Community; COSSAO/ Economic Development; Apóstle II Methodist Church/ Faith-based; Congress member Jenniffer González-Colón & Senator Elizabeth Rosa Vélez/ Government; Clinical Social Worker M. Mercado/ Health; ECO JMJ Fitness Inc./ Business; Conexión Laboral, Área Local Desarrollo Laboral Manatí Dorado & Norte Central/ Workforce System – American Job Centers.

• Will you need to develop a QAPP for your project? **No**.

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b. Environmental and Public Health information of the Underserved Community

Demographics	Arecibo	Barceloneta	Utuado	Puerto Rico	National
Population	88,017	22,657	28,585	2,714,280	331,449,281
Unemployment	18.80%	15.90%	31.90%	13.30%	6.20%
Poverty Rate	47.00%	44.90%	54.60%	37.70%	11.60%
Percent Minority	99.30%	99.40%	98.60%	98.30%	16.90%
Median Hhold Income	$19,311	$19,051	$15,812	$21,967	$36,107
Veterans	2,061	398	421	64,295	16,501,502
Rural vs Urban*	Rural	Rural	Rural		

https://data.census.gov/table?g=050XX00US72013,72017,72141&tid=ACSST5Y2021.S0102PR
https://data.census.gov/table?g=050XX00US72013,72017,72141&tid=ACSST5Y2021.S2301
https://www.census.gov/popclock/
https://www.census.gov/quickfacts/fact/table/PR,utuadomunicipiopuertorico,barcelonetamunicipiopuertorico,arecibomunicipiopuertorico/PST045222
https://data.census.gov/profile/United_States?g=010XX00US
*USDA Rural Development Office; USDA Secretary, Mrs. Darma Daondo. Two Arecibo neighborhoods are designated urban.

As cited in the above table, our target area includes the contiguous rural municipalities of Arecibo, Barceloneta and Utuado; characterized by unemployment 2 to 5 times higher than the national rate; median incomes near half of the national median; 99% minority population; 2,880 veterans; and poverty rates of 45-55%, over four times higher than the national rate of 11.6%. Utuado is in the Central Mountain Region Rural Community Network. (www.rural.gov/community-networks/pr) Our Environmental Justice Collaborative Problem-Solving initiative will have significant impact in this area.

Our target area is also home to many Superfund sites—two old pesticide storage centers, two former pharmaceutical and manufacturing facilities, a 20-acre regional landfill, and a lead smelter battery plant. According to the EPA, the designation "Human Exposure Under Control" applies to none of these sites.[1] In 2011, the EPA designated Arecibo as an area of nonattainment for failure to meet air quality standards for lead in an area bounded by 4 km from the Battery Company boundaries.[2] PR's Environmental Quality Board operates two lead monitoring stations near the battery plant. In the inactive Barceloneta Landfill, 300 tons of hazardous wastes are located in three sinkholes; with no barriers to protect groundwater, underlying limestone formations may speed contaminant migration.[3] Concern has arisen over whether Hurricanes Maria (and later Fiona) caused contamination to move beyond these Superfund site boundaries. Stormwater runoff from the Battery plant previously contaminated a nearby wetland and Reserve. Benjamín Bostick, soil scientist at Columbia, wants to test the Island's waters and soils near Superfund sites; his proposal noted that hurricane flooding *almost certainly spread poisons further*. Osvaldo Rosario, an environmental chemist at University of Puerto Rico, believes "*Without a doubt, natural disasters, especially hurricanes, aggravate and accelerate the spread*

1 https://cumulis.epa.gov/supercpad/cursites/csitinfo.cfm?id=0202486.
2 Air Quality Designations for the 2008 Lead (Pb) National Ambient Air Quality Standards. *Federal Register*, vol. 76, p. 72098; 22 Nov. 2011.
3 https://earther.gizmodo.com/the-puerto-rican-town-left-to-stew-in-toxic-waste-1824949208.

of pollutants from a given site."[4] Confidence is not inspired by the local wastewater treatment and aqueduct filtration; EPA records show both cited for Clean Water Act non-compliance.[5]
In our target area, several pharmaceutical, chemical and electronic companies and a power plant are required to report to the Toxics Release Inventory/TRI, which tracks management of toxic chemicals that pose threats to human health and the environment, a sample is presented below.[6]

- Thermo King has released nickel (carcinogen) in a total of 6,573 pounds of hazardous TRI-chemicals.
- GE Industrial of PR has released copper (impacts gastrointestinal and respiratory systems) and zinc (impairs hematological and reproductive systems) in a total 214,918 lbs. of hazardous TRI-chemicals.
- Pantheon Puerto Rico Inc., a chemical company cited for noncompliance, has released dicloromethane (carcinogen) and methanol (impacts developmental, hepatic and neurological processes) in a total of 20,549 pounds of hazardous TRI-chemicals.
- DuPont Agricultural Caribe Industries, cited for significant noncompliance, has released carcinogens ethylbenzene and lead in a total 3,009,539 pounds of hazardous TRI-chemicals.
- DuPont Electronics Microcircuits ITS Caribe Industries has released the carcinogens ethylbenzene, naphthalene and lead in a total 145,053 pounds of hazardous TRI-chemicals.
- Janssen Ortho, a pharmaceutical manufacturer cited for noncompliance, has released 4,676 pounds of hazardous TRI-chemical methanol (impacts developmental, hepatic and neurological processes).
- Merial Barceloneta has released the carcinogens naphthalene and ethylbenzene in a total of 144,715 pounds of hazardous TRI-chemicals.
- ADM Alliance Nutrition has released the carcinogens cobalt, cobalt compounds and chromium in a total 1,296 pounds of hazardous TRI-chemicals.
- Pfizer Pharmaceuticals, cited for significant noncompliance, has released the carcinogen dichloromethane in a total 271,080 pounds of hazardous TRI-chemicals.
- ABBVIE Pharmaceutical Preparation Manufacturing has released the carcinogens naphthalene, polycyclic aromatics and dioxin in a total 6,166 pounds of hazardous TRI-chemicals.
- Prepa-Cambalache Combustion Turbine (owner: Puerto Rico Electric Power Authority) has released carcinogens naphthalene, polycyclic aromatics and lead in a total 1,063 pounds of TRI-chemicals.

The target area's 45-55% poverty rates taken with the above pollution data strongly align with the Environmental Justice premise that *the poorest people reside in the most polluted areas.*

The majority of the above-cited Tri-chemicals were released to the air.[7] In the US, the asthma rate in Hispanic children is 7.9%; that rate is 16.5% in Puerto Rico's children. The annual

4 https://earther.gizmodo.com/the-puerto-rican-town-left-to-stew-in-toxic-waste-1824949208
5 https://www.epa.gov/toxics-release-inventory-tri-program/my-right-know-application.
6 https://www3.epa.gov/enviro/facts/tri/ef-facilities/#/Release/ 2007-2017 Data files.
7 https://www3.epa.gov/enviro/facts/tri/ef-facilities/#/Release/ 2007-2017 Data files.

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economic cost of asthma, including direct medical costs from hospital stays and indirect costs such as lost school and work days, is approximately $56 billion.[8,9] The economy in our target area, particularly tourism, is also directly affected by toxic pollution. Hotels report that, frightened by contamination reports, foreign guests and convention planners have elected to go elsewhere, exacerbating the area's economic woes.[10]

The demographic, TRI and health data clearly demonstrate that the residents of Arecibo, Barceloneta and Utuado are impacted by economic disinvestment, health disparities, and environmental contamination. Our EJCPS project will further Environmental Justice by ensuring that minority, low income, rural residents access education, skills and planning assistance that will enable them to have meaningful involvement in and benefit from ***Climate Change/Disaster Resiliency*** plans and actions in their environmentally overburdened communities.

Outputs and outcomes will include 100 individuals gaining knowledge and skills for direct use to mitigate negative impacts of ***Climate Change/Disaster*** and manage resources, including water purification, food storage, and preparing shelters; with NIMS ICS certifications for the FEMA Incident Command System. Other outcomes include skills and FCC certifications for emergency communications, and specialized response skills for earthquakes and hurricanes, including preparing for emergency helicopter access. Residents will learn what is required to attain Community Hub status and contracts with the PR government to obtain/distribute resources. A significant EJ outcome is that residents will engage with Manejo de Emergencias/ Emergency Management to develop or expand three community response plans and gain meaningful involvement in decisions directly affecting their rural communities. We recently received text messages from Gisela Rosario, Executive Director of Manejo de Emergencias, confirming her strong commitment to personally participate in this project, guaranteeing that this desired outcome will be achieved.

c. Organization's Historical Connection to Underserved Community

• History of PathStone's involvement with underserved community. Since PathStone's beginnings in 1971, we have been involved with Puerto Rico residents. In western New York, agricultural workers from Puerto Rico worked in food processing plants (e.g., Comstock, Bird's Eye and Seneca Foods). Nearly all of these workers were men who left their families in Puerto Rico to work in the processing plants for approximately six months each year. PathStone was successful in raising funds to provide these workers with English as a Second Language and Adult Basic Education classes. At this time, the Commonwealth of Puerto Rico's Migration Division maintained an office in Rochester, NY—where PathStone is headquartered—to oversee a labor contract with the food processing companies; the Migration Division welcomed PathStone's efforts to provide services to Puerto Rican workers. A Puerto Rico representative served on the PathStone Board from 1971 until the Migration Division Office closed in 1998.

8 http://yosemite.epa.gov/opa/admpress.nsf/!OpenDocument; 06/11/2012.
9 https://minorityhealth.hhs.gov/omh/browse.aspx?lvl=4&lvlid=60 2015 (Most recent available).
10 En el sur los más tóxicos; El nuevo dia.com, at http://abeyno.wordpress.com/2012/10/24/salinas-victima-de-la-contaminacion.

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Many workers were requesting assistance to continue their education in the off season in Puerto Rico. Better continuity and coordination of services was needed for efforts in Puerto Rico and on the mainland. In 1974, PR DOL contracted with PathStone to provide job training and educational services to food processing workers interested in upgrading their skills.

On September 22, 1998, Hurricane Georges cut a path of destruction across Puerto Rico; thousands of families were suddenly homeless or living in seriously damaged housing. Federal agencies FEMA, HUD and HHS moved to increase community level support for disaster victims. Response from the U.S. Department of Agriculture was largely in the form of relief for farmers and other agricultural interests but not for workers. PathStone appealed to Congress and to the Secretary of Agriculture for help for Puerto Rico's agricultural workers and was awarded $600,000 to provide emergency services and to repair and rehabilitate homes in the central mountain region. A year later, PathStone entered into a contract with USDA to identify, educate and counsel potential homebuyers living in the mountain region who would qualify to borrow under USDA Rural Development's Section 502 mortgage program. For the next four years, PathStone operated out of an office in Adjuntas where many farmworkers and low income families lived, with funding from USDA, a relationship which continues today. In late 2003, PathStone was awarded one of three USDOL contracts to support a micro-enterprise pilot for farmworkers. This program was successful: 20 entrepreneurs received training, 4 completed business plans and 2 obtained financing to launch new businesses. In 2007, PathStone received USDOL funding to operate the National Farmworkers Jobs Program, and established relationships with an ever-growing network of employers and partners. These key partnerships, now strengthened by decades of providing valued services and delivering on outcomes, are evident in the attached Letters, many of which reflect partnerships begun in 1997.

• Work with underserved community residents / partners on environmental & public health issues. In 2009, PathStone partnered with the Migrant Health Center in a three year initiative funded by HHS to provide health outreach, education and screening in 45 rural communities of Puerto Rico. Community Health Fairs were conducted for health screening, over 2,500 individuals were referred for health care services, 4,500 individuals attended education for prevention of diabetes, HIV/AIDS and domestic and sexual violence; and over 15,000 received health education. For these Community Health achievements, PathStone was awarded 2nd place for the National 2012 Platinum Awards for healthcare impact success and innovation. In 2015, PathStone was funded by US EPA to deliver Environmental Job Training, which continues today. We have exceeded cooperative agreement goals for training, certifications and employment placements in every grant cycle and each year enable 25 minority, low income residents to enter environmental careers and both advance and benefit from revitalization and environmental cleanup in their home communities.
Currently, the National Partnership for Environmental Technology Education/PETE has certified 24 PathStone lead trainers to deliver Disaster Site Worker, HAZWOPER and OSHA training.

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Year	PETE Agreement	Individuals received Capacity Building Training	Contact Hours
2020-2021	10825 + 10826	120	1368
2021-2022	10868 + 10869	269	3700
2022-2023	10928	265 (to date)	912.5 (to date)
2022-2023	10902 + 10903	85 (to date)	1266 (to date)

• Community Driven Participation. PathStone has strong relationships in our target area—PathStone has a regional service site in Arecibo and is actively involved in community-building in Arecibo, Barceloneta and Utuado through membership in local civic and community groups, participating in charity events and providing a strong advocacy presence for those in need of a stronger voice. PathStone has been heavily engaged in resiliency, preparedness and rebuilding; and local needs assessment and emergency distributions; food, water, water filters, health & hygiene items, emergency generators, stoves, and solar lights. Staff has assisted individuals in obtaining health services, repairing homes and securing employment.

In recent months, we have actively engaged community members in the development of this proposal through in-person meetings with 390 key partners, providers, area residents and stakeholders. Please see table, below. Everyone is very excited about this opportunity.

Group: Fair Closer to You / Feria Mas cerca de ti Date: 1/31/2023 Leader: Jose Soto Location: Carr 681 Bo. Isolte, Arecibo, PR 00612 Attendees: 25+ persons	Group: Farm Exploration / Finca Explora Date: 3/9/2023 Leader: Asociacion de Agricultores de PR Location: Finca Explora Attendees: 60+ persons	Group: Res. Jardines de Utuado Date: 3/10/2023 Leader: Inn Capital Housing Location: Res. Jardines de Utuado Attendees: 60+ persons
Group: Community Meeting Date: 3/11/2023 Leader: Program Area Advisory Committee Location: PathStone, Arecibo Attendees: 20+ persons *See attached LOC*	Group: Conexion Agricola / Agricultural Connection Central - 2023 Date: 3/21/2023 Leader: Conexion Laboral de Arecibo Loc: Punta Maracayo Hotel Attendees: 75 persons	Group: Agricultural Opportunity Fair Date: 3/24/2023 Leader: Victus PR Location: Universidad de PR, Utuado, PR Attendees: 100+ persons
Group: Senator Elizabeth Rosa's Health and Services Fair /Feria de Salud y Servicios	Leader: Hon. Elizabeth Rosa Location: Bo. Hato Arriba, Sect. Pacelas Navas, Arecibo, PR 00612	Date: 2/22/2023 Attendees: 50+ persons *See attached LOC*

Resident input was collected and included in the design of this project, and residents will have voice to influence the project further during implementation with choice built into the process with regards to content, scheduling, etc. as well as quarterly project reviews, continuous improvement meetings

and Program Area Advisory Committee meetings, plus other feedback mechanisms including social media.

d. EJCPS Model. EJCPS Model Element 1- Community Vision and Strategic Planning occurred prior to applying but will be revisited at project completion, following Element 7 - Evaluation. The main goals of this project are focused on Element 2 - Community Capacity-Building and Leadership Development, providing residents with the skills, information, and resources they need to engage in self-leadership and achieve their Disaster Resiliency goals. Central to this process is educating residents and involving them in formulating solutions and strategies, activities serving as the backbone of this project. Element 3 - Consensus Building / Dispute Resolution will arise during implementation where groups will make decisions about content choices, scheduling, etc. PathStone staff is trained to facilitate these scenarios, which will be more in evidence after training when Community Response Plans are developed. Element 4- Partnerships and Leveraging of Resources has impact in this project due to the diverse partners—communities, faith groups, government, business, health, eco-dev—with interest in its success. Element 5 - Constructive Engagement by Relevant Stakeholders will be a challenge for the community groups to address as the project progresses and individuals need to stay aligned with the common mission and goals, with clear communications and action plans. New stakeholders will need to be identified and engaged to access resources.

CPS Element 6 - Sound Management and Implementation will be challenging when this project will be implemented in the margins of most participants' lives—commitments need to be realistic and manageable. Element 7 - Evaluation, Lessons Learned, and Replication of Best Practices will occur at milestones before moving on as well as at the project conclusion. Residents will need to understand that this is an iterative process and recognizing learnings will benefit them in the next iteration—as well as serve others who may replicate this design. Documenting information on successes and course corrections is key to a better process in the future as well as recognizing the work accomplished and preparing for revisiting the Vision and Strategic Plan. Summarizing progress in quantitative, qualitative, institutional, and social terms, and incorporating lessons learned and best practices into a continuing process will sustain the work into the future—for these communities and for others.

e. Project Linkages. This project supports EPA Strategic Plan Goal 2, Objective 2.1 by implementing the strategy of Building capacity and climate resilience and maximizing benefits to overburdened and underserved communities, to be evidenced by 100 individuals gaining knowledge and skills for direct use to mitigate negative impacts and manage resources, including water purification, food storage, and preparing shelters; with NIMS ICS certifications for the FEMA Incident Command System. Also by individuals gaining skills and FCC certifications for emergency communications, and specialized response skills for earthquakes and hurricanes, including preparing for emergency helicopter access. Residents will learn about what is required to attain Community Hub status and contracts with the PR government to obtain/distribute

resources, to maximize the benefits of resource investment achieve meaningful change on the ground. A significant EJ outcome is that residents will engage with Manejo de Emergencias/ Emergency Management to develop or expand three community response plans and gain meaningful involvement in decisions directly affecting their communities.

f. Partner and Collaborate – PathStone has engaged a diverse group of partners representing multiple stakeholder groups to promote fruitful collaboration and achieve the project's goals. Bringing together the resource access of these partners will enable the project to accomplish its capacity building goals and also closely connect residents to other needed services. Diverse perspectives will also enlarge ideation for planning and solution generation.

1. Academic Stakeholder Group –National Partnership for Environmental Technology Education (PETE), an Affiliated Council of the American Association of Community Colleges, brings deep experience in Disaster training and links to related resources that will be helpful. PETE has a strong desire to promote resiliency on the Island, and has supported many initiatives to provide training and resources so PathStone staff—residents of environmentally overburdened communities—can take leadership roles in mitigating adverse effects and increasing resiliency.

2. Community Stakeholder Group. The Program Area Advisory Committee led by Belsy Velez is committed to insuring that PathStone has information pertaining to local needs, communities' assessments, and local projects that may support this and other EJ projects. The Program Area Advisory Committee will promote this project and refer qualified participants and partners.

Centro de Servicios Communitarios y Agricolas de Utuado Inc. is vested in creating a disaster refuge in Utuado and will participate in project activities to integrate resiliency efforts underway. The Municipality of Utuado is committed to these capacity-building efforts and creating access for emergency assistance as a means to change the impacts of disasters in their isolated community and move forward toward self-sufficiency. The municipality will help coordinate community orientations and activities, and also use this project to link current efforts more tightly together and gain more traction.

3. Economic Development Services Stakeholder Group – COSSAO (Corporacion de Servicios de Salud Primaria y Desarrollo SocioEconomico Del Otoao) led by Francisco J. Valentin brings access to Eco-Dev resources and linkages. COSSAO will directly support outreach efforts, provide referrals and make space available as needed to insure that these communities obtain the skills needed to survive Disaster events.

4. Faith-based Stakeholder Group –Apóstle II Methodist Church led by Pastor Héctor Cortés Aguilar and Mateo 4:19 Church led by Pastor Hilda Jeanette Torres Rosado bring connection to many residents and potential partners, as well as the ability to identify and marshal volunteers willing to assist in different facets of managing during a natural disaster.

5. Government Stakeholder Group – US Congress member Jenniffer González-Colón and Arecibo District Senator Elizabeth Rosa Vélez commit to promote the program, help in the

identification and coordination of services to communities in need of greater resiliency, adaptation and Emergency preparedness skills and knowledge. These leaders have access to communities and their leaders and are able to help obtain community input and feedback for program needs and development.

6. Health Services Stakeholder Group – Clinical Social Worker Martha Mercado has committed to provide Emotional / Trauma training & assistance and social services linkages to these communities, and to refer candidates in need of this capacity building.

7. Business Stakeholder Group - ECO JMJ Fitness Inc. will support this project with Emergency / Disaster response training customizable to each community and aligned to their goals with the personal desire that, in the event of an emergency, project participants can survive and assist others to do so as well. JMJ brings a strong relationship with Emergency Management and status as a Distribution Hub contracted with the PR government.

8. Workforce System – American Job Centers - Conexión Laboral, Área Local Desarrollo Laboral Manatí Dorado led by Yamilette Ramos De La Cruz and Conexión Laboral-Área Local Norte Central led by Samaris A. Tejada Cruz will identify/refer participants; coordinate supportive services and related assistance, provide orientation training services and training space; provide valuable connections to partners and employers and serve as a key source of local labor market information. As part of the workforce system, they bring access to opportunities for career exploration, referral to supportive services, support of paid and/or unpaid work experience, OJT, internships, summer jobs, and unsubsidized full and part-time employment placement assistance.

These partners have a vested interest in working with this partnership based on their lived experiences in these areas. Only one partner will receive any payment; JMJ will be paid for training services resulting from appropriate procurement at this time (sole source determination) to be repeated at the time of award in case other providers of comparable services emerge.

2.0 Project Activities / Milestone Schedule / Detailed Please describe the following:

a. Project Activities .

Quarter 1. First steps include_Informing partners & communities of award, holding a Press release/Media event with EPA participation and establishing project fiscal & data codes/controls. Hiring and training staff for this program and coordinating Partner activities are key for success and are done at this time.

A report to the PathStone CEO and Board of Directors regarding the project plan and review of the design and outcomes will also occur at this time, to be repeated quarterly. Project Management (plan vs. actual; best practices) also begins in the first quarter to insure project

launch is positive and that procedures are finalized for later activities, including performance and fiscal reviews.

The Project Administrator will establish resources: supplies, agreements, contracts that will be needed as staff are on-boarded.

We anticipate that our Project Officer will have their first meeting in Quarter 1 to on-board the new grantee, which will continue quarterly through the remaining quarters of the project.

Quarter 2. At this point, staff should be on-board and outreach plans are finalized in preparation for implementation.

Quarters 3-4-5. PathStone will utilize our successful community outreach model to recruit individuals for our EJCPS project. PathStone has been providing services to residents of the rural barrios and poorest municipios of Puerto Rico for many years. We have experience in creating and implementing efficient plans to reach the entire area, including leveraging established local partners. Churches, civic and social groups, and other nonprofits are effective and willing to enhance our outreach efforts; many partners have committed to outreach for this program (see attached Letters). Staff and volunteers are chosen for their knowledge of the population, geography and culture of the target area. Staff conducts outreach at residents' gathering places, and orientations are offered at community centers, consortiums, municipalities, One-Stops, community fairs, and churches. Outreach and recruitment efforts are often conducted in the evenings and weekends.

Recruitment will be accessible to all the members of the community. Partners assist with targeted referrals, as do staff in other PathStone programs. Local media, faith based organizations and mayors typically assist with targeted community outreach. Staff will engage in effective screening, including an interview process, to insure that participants are likely to succeed. That success includes completing training, earning certifications and utilizing new skills in service of their community. Screening is the foundation for retention, and staff helps participants remain focused on the goals throughout the entire process. Appropriate screening for readiness, motivation and goal direction plus intensive case management promotes retention.

Our goal is to foster local economic growth and leverage jobs while promoting resiliency to improve quality of life for all community residents. All fees for licensing, certification are included in the training cost—No fees will be charged, consistent with promoting Environmental Justice in this area. Training sites are easily accessible. Every effort is made to establish transportation access to facilitate training and participation; a small amount of funding is budgeted to assist as needed.

We anticipate the first semi-Annual report will be due in April/Quarter 3 and then in Quarters 5, 7, 9 and 11, and then the final Report; semi-annual reports will also be submitted in 2027.

Quarter 4. At this time, Training Module 1 for Disaster/Emergency Response (52 hours) will begin for Cohort 1, which we anticipate will be in Utuado because they have already begun planning for it. Module 1 units are as follows:

1-a Before, During & After an Emergency
1-b Incident Command per NIMS+ICS of Home land Security/ Div of FEMA (4 certifications) for ICS-100, ICS-200 and two electives to be selected by the group.
1-c Food storage and preparation
1-d Prep Emergency, Hiking +Survival Backpacks
1-e Water Purification Methods
1-f Prep shelters outside the comfort zone: Rural areas, Urban areas and Hostile areas
1-g Fire preparation outside traditional systems

The above units will start ~ July 13, 2024 and complete ~Oct. 16, 2024. The schedule is designed to offer longer training sessions, i.e., 4 or more hours on Saturdays and shorter training sessions, i.e., 2 hours, on Wednesday evenings.

Cohort 2 (Arecibo+Barceloneta) will begin on September 7 and complete on Nov 13, 2024.

Quarter 5. All participants have completed Module 1 Training for Disaster/Emergency Response (52 hours). CPR/AED will begin and complete in this quarter, with Utuado completing in October and Arecibo+Barceloneta completing in November.

Quarter 6. At this time, Training Module 2 for Disaster/Emergency Response (30 hours) will begin for Cohort 1- Utuado. Module 2 units are as follows:

2-a Imp of Communications, Systems, & Techniques
2-b Radio Frequency Communications
2-c Communications- Prep for Licensed Technician
2-d Examination Process-FCC Board of Examiners

The above units will start ~ January 18, 2025 and complete ~March 1, 2025. The sessions are all 4-6 hours and will be on 7 Saturdays and many participants will earn FCC certifications.

Cohort 2 (Arecibo+Barceloneta) will begin on March 8 and complete on April 19, 2025.

Quarter 7. All participants have completed Module 2 Training for Disaster/Emergency Response (30 hours). There will be a well-earned training break until Quarter 8 begins.

Quarter 8. At this time, Training Module 3 for Disaster/Emergency Response (22 hours) will begin for Cohort 1- Utuado. Module 3 units are as follows:

3-a Essential knowledge, Good Samaritan Law
3-b Essential Knowledge Hurricane
3-c Essential Knowledge Earthquake
3-d Essential Knowledge Tsunami
3-e Essential Knowledge Explosion

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3-f Essential Knowledge Active Shooter
3-g Creation of Emergency Plans

The above units will start ~ July 9, 2025 and complete ~August 9, 2025. Five sessions (2 hours) will be on Wednesday evenings and the last two sessions (4 and 8 hours) and will be on Saturdays.

Cohort 2 (Arecibo+Barceloneta) will begin on August 13, 2025 and complete on September 20, 2025.

Quarter 9. All participants have completed Module 3 Training for Disaster/Emergency Response (22 hours).

If participants wish to review/retake sessions, peer groups will be facilitated in this quarter.

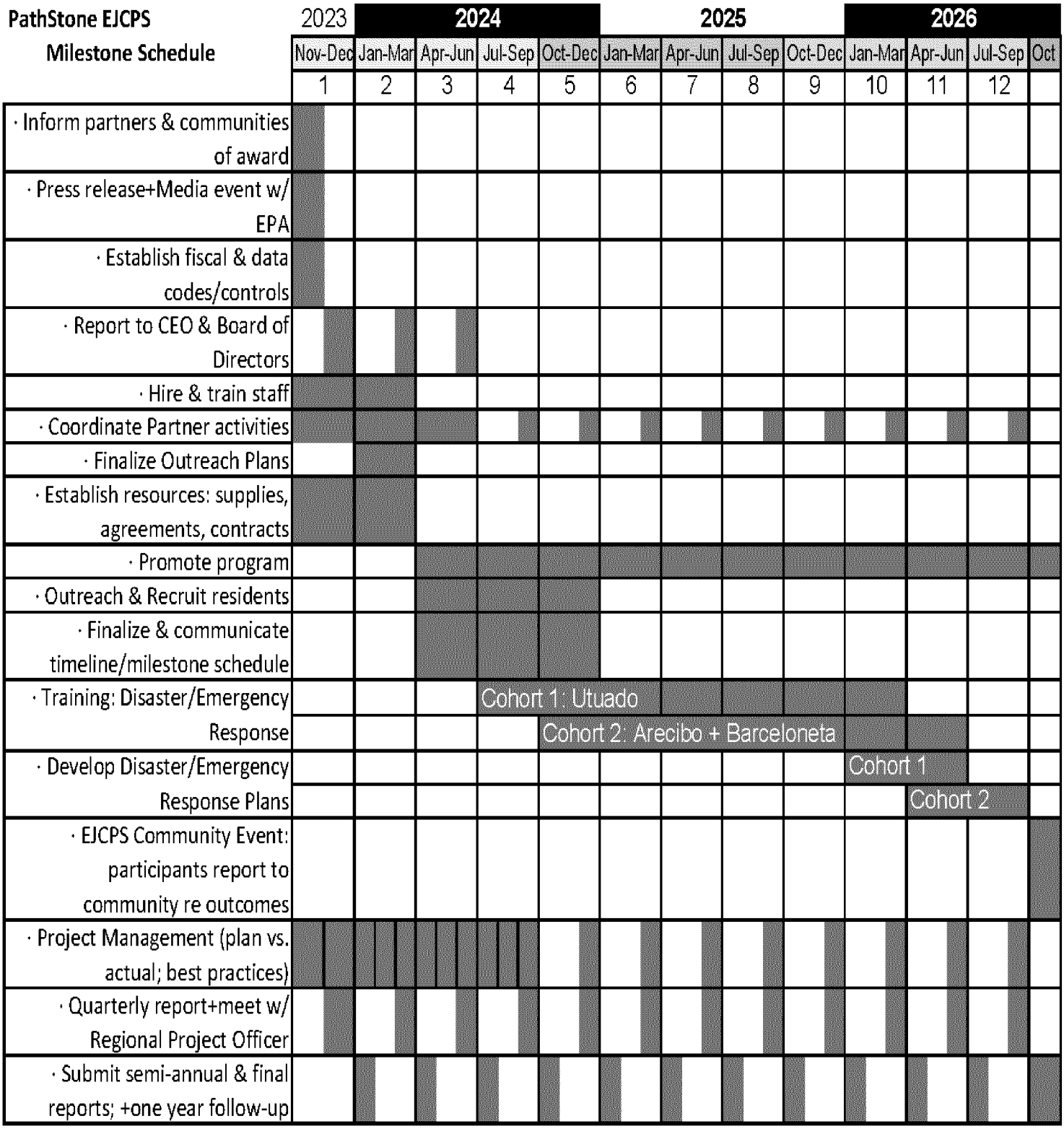
Quarters 10-11. At this time, participants will engage with Emergency Management to review/develop their Community Response Plans. Eighty hours is planned for this activity with Cohort 1 beginning on January 17, 2026 and completing June 20, 2026; and Cohort 2 beginning April 4, 2026 and completing September 15, 2026.

Upon completing the Community Response Plan, each cohort will plan a community event for October to share what they have learned and the Community Response Plan with their community and all partners.

October 2026. Community events for sharing learnings and Community Response Plans.

Also for celebrating accomplishments!

b. Milestone Schedule – Please see below.


PathStone EJCPS
Milestone Schedule
2023
2024
2025
2026
Nov-Dec
Jan-Mar
Apr-Jun
Jul-Sep
Oct-Dec
Jan-Mar
Apr-Jun
Jul-Sep
Oct-Dec
Jan-Mar
Apr-Jun
Jul-Sep
Oct
1
2
3
4
5
6
7
8
9
10
11
12
· Inform partners & communities of award
· Press release+Media event w/ EPA
· Establish fiscal & data codes/controls
· Report to CEO & Board of Directors
· Hire & train staff
· Coordinate Partner activities
· Finalize Outreach Plans
· Establish resources: supplies, agreements, contracts
· Promote program
· Outreach & Recruit residents
· Finalize & communicate timeline/milestone schedule
· Training: Disaster/Emergency Response
Cohort 1: Utuado
Cohort 2: Arecibo + Barceloneta
· Develop Disaster/Emergency Response Plans
Cohort 1
Cohort 2
· EJCPS Community Event: participants report to community re outcomes
· Project Management (plan vs. actual; best practices)
· Quarterly report+meet w/ Regional Project Officer
· Submit semi-annual & final reports; +one year follow-up

c. Itemized Budget Sheet / Budget Narrative – Please see Attachment i - per RFA instructions.

3.0 Environmental Results – Outputs, Outcomes, and Performance Measures (Logic Model)

Please describe the following:

a. Environmental Results (Logic Model) – Please see Attachment per RFA instructions.

b. Performance Measurement Plan. PathStone's program and fiscal Performance Management was identified as a Best Practice— enhancing ability to conduct projects, meet requirements and exceed expectations—by the Technical Assistance Partnership's National High Performers Workgroup. All staff is required to enter all participant, service and outcome data (quantitative data) and integrated case management notes (qualitative data) into PathStone's web-based, secure Program Data System (PDS). PDS is a custom system built upon decades of expertise of program and PDS staff and developers. The PDS protects data with multiple levels of security. The existing Senior Director for Client Data Systems, Beatriz Arce (see resume attached), directly manages the PDS, is responsible for all quantitative reporting, and has 20+ years of successful reporting to federal and non-federal funders. Our data integrity, timely and reliable reporting, and responsiveness to requirements are proven quarterly in quality monitoring for USDOL by the Center for Social Policy Research. Staff ensures that PathStone's system captures all elements required for each program. PathStone's web-based tracking system successfully captures and reports the elements required by the program. Staff uses software and/or forms to determine eligibility and enroll participants. Supervisors and PDS staff reviews intake information before participants are served. Documentation substantiating data entered in the Client Data System is kept in client case files and required for payments for services. PathStone's Performance Management supports program integrity and accountability at all levels. Quarterly, the Board reviews agency performance via PathStone's Performance Dashboard. Individual work plans/IWPs tied to performance-based pay provide clear expectations for staff individually to insure program goals are collectively achieved. Project Director leads quarterly reviews with program and data staff; data is presented in a Plan versus Actual variance format; data and progress to plan and timeline are analyzed; Best Practices and innovation are modeled. EPA EJCPS project officer meetings are quarterly, with semi-annual and final reporting. Typically, internal reviews are established prior to the quarterly EPA reviews and to reporting deadlines. Partners are invited to internal quarterly reviews as needed to insure optimal service delivery. Program staff is provided a template and guidance for written qualitative reports for their progress on outcomes, which is paired with quantitative system data to produce PathStone's reports to funders, as well as to PathStone's Executive Staff and Board of Directors. Reports are submitted as directed; photographs of training sessions and other program activities are included if the reporting process permits. Qualitative impact is also assessed through the creation of a "Success Story" at program completion or significant milestones. These stories provide insight into program impact not captured in traditional reporting. Federal, state

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and other funders have repeatedly audited PathStone's program management and reporting systems, and determined they meet/exceed all requirements.

c. Sustainability Plan and Community Vision. During development discussions with communities, partners and training providers, the issue of sustainability has been central. Opportunities for expansion and continuance of this effort are already being explored, since the need is far greater than this program can address. Residents and community leaders are very enthusiastic about this topic, since they have continuing needs to mitigate disaster impacts and engage residents in resiliency efforts. Sources of support under exploration include traditional government funding; private foundations with interests in this area; plus innovative options such as the Social Innovation Fund that unite public and private resources to evaluate and grow community-based solutions. Many Island groups have part of the required sustainability action plan. Significant community coordination is needed to move beyond our existing Next Steps targeting PathStone's partner network and service focus to a more comprehensive strategy. Funding of this proposal would serve as a catalyst for that effort.

One of the goals communities expressed is to build the skills of the residents to increase self-sufficiency and understanding of actions to take before, during and after a disaster—that vision is directly addressed by this design. Working groups in these communities have identified needs and are moving to secure resources and address these needs. One expressed goal is to integrate residents with the Manejo de Emergencias/ Emergency Management to review and further develop community response plans and gain meaningful involvement in decisions directly affecting their communities. We recently received text messages from Gisela Rosario, Executive Director of Manejo de Emergencias, confirming her strong commitment to personally participate in this project, guaranteeing that this desired outcome will be achieved. Communications have been a problem for these communities and there is a module in this project to mitigate that issue. These communities have been very hard hit by natural disasters in the past five years and there is no question as to their vested interest – please see attached letters. Community leaders are very interested in the potential to attain Community Hub status to obtain/distribute resources and learning how to increase access to their communities for emergency services. Although solutions / results generated will be specific to these communities, they will certainly have replicability for other communities in Puerto Rico—and beyond, to other environmentally burdened rural communities.

4.0 Programmatic Capability

a. Ability to successfully implement the proposed project. The National Partnership for Environmental Technology Education/PETE has certified 24 PathStone lead trainers to deliver Disaster Site Worker, HAZWOPER and OSHA training. As noted previously, PathStone has provided Disaster training to 739 individuals in the past three years, with a total of 7,246.5 Contact hours. Following the devastating hurricanes (Maria, Fiona) and earthquakes in Puerto Rico,

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PathStone staff conducted Needs Assessments (shared with FEMA and others); assembled and delivered food, water and other necessary items; and helped re-build homes

PathStone has strong relationships in our target area—PathStone has a regional service site in Arecibo and is actively involved in community-building in Arecibo, Barceloneta and Utuado through membership in local civic and community groups, participating in charity events and providing a strong advocacy presence for those in need of a stronger voice. PathStone has been heavily engaged in resiliency, preparedness and rebuilding; and local needs assessment and emergency distributions; food, water, water filters, health & hygiene items, emergency generators, stoves, and solar lights. Staff has assisted individuals in obtaining health services, repairing homes and securing employment. In recent months, we have actively engaged community members in the development of this proposal through in-person meetings with 390 key partners, providers, area residents and stakeholders. We have assembled a diverse partner group to support this project.

PathStone has in place the management capacity to effectively operate this project. Brenda Soto Colón, Sr. VP of Direct Operations, is responsible for ME, NY, OH, VT and PR Operations. She has 15 years of experience successfully delivering programs in Puerto Rico and is responsible for fiscal administration of all grants and contracts; staffing patterns and service delivery structures; assignment of goals and objectives, linkage/partner development and all aspects of service delivery. Beatriz Arce has 20+ years of experience as Director for Client Data Systems/MIS, responsible for all MIS development, data collection, management and reporting. Ruperto Montero, CFO, provides Financial Management for PathStone Corporation with 19 years of experience in exceeding program requirements.

PathStone has demonstrated ability to successfully implement the proposed project with over 50 years of experience as a federal grantee, including many successful projects with US EPA, starting in 2015. We have established systems, policies and procedures and deep expertise in Puerto Rico, dated back to 1971. PathStone's structure consists of 4 Executive Staff reporting to the CEO and responsible for fiscal administration of grants/contracts, staffing patterns, management of personnel and locations, assignment of goals and objectives, linkage/partner development and all aspects of service delivery in their areas: 1) NY/ME/OH/VT/PR, 2) PA/NJ/DE/VA, 3) Housing and 4) Eco Dev. Our CFO/Finance and Sr. VP/Human Resources manage those functions agency-wide; staffing is 500. Staff are chosen for their connection to the population, communities, language and culture. PathStone was founded in 1969 to serve rural workers; today we provide health and education, training and employment, housing, and emergency and supportive services in eight states and PR. PathStone has successfully developed worker housing in OH, NY, NJ, PA and PR. Relevant experience includes successfully serving 1,800 rural workers annually through one program alone. PathStone has continuously operated successful rural programs since 1972, for USDOL, USDOE and state agencies.

b. Staff Experience / Qualifications of Project Manager. Mileidy Soto, Project Manager, has been operating US EPA projects since 2017 and has been recognized for exceeding goals in every cycle. Please see tables below and at Past Performance for examples of her successes.

Outcomes Summary US EPA 96253020	Goal	Achieved	% of Goal
• Completed HAZWOPER training / certification	55	66	120%
• Completed Pesticide Safety / EPA Worker Protection Std.	55	66	120%
• Completed OSHA 10 Safety training / certification	55	58	105%
• Completed Forklift Driver training / certification	55	65	118%
• Completed AED and CPR training / certification	55	66	120%
• Completed Commercial Driver's License with HazMat	10	15	150%
• Completed Asbestos Remed./Hazardous Matls Removal	4	4	100%
• Completed Lead Abatement /Hazardous Matls Removal	4	4	100%
• Obtained Full-time Employment	40	44	107%
• Entered Post-Secondary Credential Program	2	4	200%

Ms. Soto is fully certified/authorized in Disaster Training and Resiliency, and has operated projects in the target area for over a decade. She resides in the target area and was the Regional Administrator for that area prior to being promoted to Director Island-wide. Associated staff members are equally qualified by both industry certifications and experience for the project tasks (outreach, training, facilitation, partner management) and have deep experience of the target area. Please see attached resumes for specific qualifications.

c. Expenditure of Awarded Grant Funds. PathStone's program and fiscal Performance Management was identified as a Best Practice— enhancing ability to conduct projects, meet requirements and exceed expectations—by the Technical Assistance Partnership's National High Performers Workgroup. PathStone's established administrative structure and system of internal controls ensure fiscal and reporting integrity; equitable, accurate cost allocation and the effective administration of all grants and contracts. Federal, state and other funders have repeatedly audited PathStone's financial management and reporting systems, and determined they meet/exceed all requirements. The Board requires an annual agency audit by a certified public accounting firm, and administration of uniform personnel, accounting and evaluation policies and procedures agency wide. Independent auditors have reviewed PathStone's program and fiscal management and reporting systems and found them capable of accurate tracking and timely reporting for Federal programs as well as providing necessary controls for compliance with Federal rules and regulations. PathStone financially manages grants and contracts via Abila Fund Accounting software, a secure, centralized, web-based system for multi-funded, non-profit agencies that enables a high degree of accountability for programs and activities. The Abila system produces a multi-level chart of accounts, extensive detail and summary reporting, and the ability to produce reports at all levels of activity. The system is managed by the CFO; finance staff receives on-going training and support through Abila Software webinars and conferences. OMB Circulars plus specific grantor regulations determine allowability, cost allocation and treatment of costs. Financial monitoring is a coordinated effort of Accounting and Program Management; all payment requests are approved at multiple levels. Budgets are required and monthly variance reports are issued. Direct Services has a Program Analyst who tracks and

reviews spending, and produces fiscal projections per program timeline for program staff review. The Finance Committee of PathStone's Board conducts quarterly reviews. Cash drawn is determined from program-specific cash disbursement reports. Annually, financial systems and internal controls are extensively evaluated via the CPA audit, OMB audit, and 50 independent audits by federal, state and private grantors.

5.0 Past Performance

Below is a list of federally funded assistance agreements completed in the last three years.

Grant #	Project Period	Funds Expended	# Participants Trained/ Achieved Certification	# Participants Placed	% placed in full time employment
US EPA 96268117 completed	07/01/2017 - 06/30/2020	$199,010 (100%)	58 109% of goal	51 128% of goal	93% Goal = 72.7%
US EPA 96253020 completed	01/01/2020 - 12/31/2022	$200,000 (100%)	66 120% of goal	*44* 107% of goal	90% Goal = 72.7%
Ex. 6 Personal Privacy (PP)	07/01/2016 - 06/30/2020	$1,000,000 (100%)	113 151% of goal	85 113% of goal	*66% Goal = 60%*
Ex. 6 Personal Privacy (PP)	07/01/2021 - 09/30/2022	*100%*	71%	161	*88.5%*

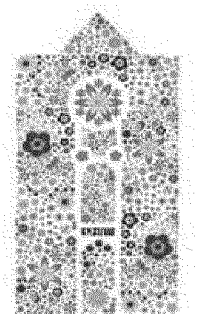
i. PathStone utilized its performance management and fiscal management processes previously described to successfully complete and manage the above agreements.

ii. PathStone met all reporting requirements under the above agreements including adequately and timely reporting on your progress towards achieving the expected outputs and outcomes of those agreements and submission of acceptable final technical reports under the agreements.

PathStone would like to note that our staff is to be commended for attaining the results noted above during a pandemic on an Island besieged by devastating hurricanes. Our staff engaged many community members and partners in these efforts and the positive impact on these communities of these successes far exceeds the numbers trained and placed—it is both a demonstration and testimonial to individual and community resilience—including our staff.

6.0 Quality Assurance Project Plan (QAPP) Information (If applicable)

Based on our analysis using the Checklist in Appendix F, an approved Quality Assurance Project Plan will not be required for this project.



SIXTH STREET COMMUNITY CENTER, INC.

638 East 6th Street, New York, New York 10009

Ex. 6 - Personal Privacy (PP) ▪ Fax Ex. 6 Personal Privacy (PP)

info@sixthstreetcenter.org ▪ www.sixthstreetcenter.org

FULL-TIME EMPLOYEE ROSTER

Period: April 2023

Name	Position	Hours Per Week	Annual Salary
Howard Brandstein	Executive Director	40	Ex. 6 Personal Privacy (PP)
Jen Chantrtanapichate	Deputy Director	40	

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: JUN 08 2013

SOCIEDAD AMBIENTE MARINO
PO BOX 22158
SAN JUAN, PR 00931-2158

Employer Identification Number:
61-1417308
DLN:
17053016441033
Contact Person:
GINGER L JONES ID# 31646
Contact Telephone Number:
Ex. 6 Personal Privacy (PP)
Accounting Period Ending:
December 31
Public Charity Status:
170(b)(1)(A)(vi)
Form 990 Required:
Yes
Effective Date of Exemption:
May 15, 2010
Contribution Deductibility:
Yes
Addendum Applies:
Yes

Dear Applicant:

We are pleased to inform you that upon review of your application for tax exempt status we have determined that you are exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code. Contributions to you are deductible under section 170 of the Code. You are also qualified to receive tax deductible bequests, devises, transfers or gifts under section 2055, 2106 or 2522 of the Code. Because this letter could help resolve any questions regarding your exempt status, you should keep it in your permanent records.

Organizations exempt under section 501(c)(3) of the Code are further classified as either public charities or private foundations. We determined that you are a public charity under the Code section(s) listed in the heading of this letter.

Please see enclosed Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, for some helpful information about your responsibilities as an exempt organization.

Letter 947 (DO/CG)

SOCIEDAD AMBIENTE MARINO

Sincerely,

Holly O. Paz

Holly O. Paz
Director, Exempt Organizations
Rulings and Agreements

Enclosure: Publication 4221-PC

Letter 947 (DO/CG)

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SOCIEDAD AMBIENTE MARINO

ADDENDUM

We considered and approved your request for retroactive reinstatement under Notice 2011-43.

Letter 947 (DO/CG)

OMB Number: 4040-0004
Expiration Date: 10/31/2019

Application for Federal Assistance SF-424

*** 1. Type of Submission:**
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

*** 2. Type of Application:**
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received:

4. Applicant Identifier: YNLVJY1234M5

5a. Federal Entity Identifier: YNLVJT1234M5

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Sixth Street Community Center, Inc.

* b. Employer/Taxpayer Identification Number (EIN/TIN): 13-3204618

* c. Organizational DUNS: 16-236-6785

d. Address:

* Street1: 638 East 6 Street

Street2:

* City: New York

County/Parish:

* State: NY: New York

Province:

* Country: USA: UNITED STATES

* Zip / Postal Code: 10009

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:

* First Name: Anna

Middle Name:

* Last Name: Tsomo Leidecker

Suffix:

Title: Project Manager

Organizational Affiliation: Sixth Street Community Center, Inc.

* Telephone Number: Ex. 6 Personal Privacy (PP)

Fax Number:

* Email: anna@sixthstreetcenter.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE
PROBLEM-SOLVING (EJCPS) COOPERATIVE
AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Sixth Street Community Center Citizen Science for Environmental Health & Climate Resiliency in the Lower East Side

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: 10 * b. Program/Project: 10

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/1/2023 * b. End Date: 10/31/2024

18. Estimated Funding ($):

* a. Federal	$150,000
* b. Applicant	0
* c. State	0
* d. Local	0
* e. Other	0
* f. Program Income	0
* g. TOTAL	

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name: Howard

Middle Name:

* Last Name: Brandstein

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 Personal Privacy (PP) Fax Number:

* Email: info@sixthstreetcenter.org

* Signature of Authorized Representative:  * Date Signed: April 13, 202

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2025

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	~~66.306~~	$	$	$ 150,000	$	$ 150,000
2.						
3.						
4.						
5. Totals		$	$	$ 150,000	$	$ 150,000

Standard Form 424A (Rev. 7- 97)
Prescribed by OMB (Circular A -102) Page 1

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1)	(2)	(3) Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	(4)	Total (5)
a. Personnel	$	$	$ 87,500	$	$ 87,500
b. Fringe Benefits			18,375		18,375
c. Travel			0		0
d. Equipment			9,895		9,895
e. Supplies			5,094		5,094
f. Contractual			0		0
g. Construction			0		0
h. Other			15,500		15,500
i. Total Direct Charges (sum of 6a-6h)			136,364		$ 136,364
j. Indirect Charges			13,636		$ 13,636
k. TOTALS (sum of 6i and 6j)	$	$	$ 150,000	$	$ 150,000
7. Program Income	$	$	$ 0	$	$ 0

SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	$	$	$	$ 0
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$ 0	$ 0	$ 0	$ 0

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 150,000	$	$	$	$
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$ 150,000	$	$	$	$

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS) (b)First	(c) Second	(d) Third	(e) Fourth
16. Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program	$	$	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$	$	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:

22. Indirect Charges: 10% de minimis rate

23. Remarks: This form is for the Sixth Street Community Center, Inc. submission

OMB Control No. 2030-0020
Approval expires 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2030-0020). Responses to this collection of information are required to obtain an assistance agreement (40 CFR Part 30, 40 CFR Part 31, and 40 CFR Part 33 for awards made prior to December 26, 2014, and 2 CFR 200, 2 CFR 1500, and 40 CFR Part 33 for awards made after December 26, 2014). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information is estimated to be 0.5 hours per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Sixth Street Community Center, Inc.

Address: 638 East 6 Street

City: New York

State: New York Zip Code: 10009

B. Unique Entity Identifier (UEI): YNLVJT1234M5

C. Applicant/Recipient Point of Contact

Name: Anna Tsomo Leidecker Phone: Ex. 6 - Personal Privacy (PP) Email: anna@sixthstreetcenter.org

Title: Project Manager

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ■ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints, unless covered by 40 C.F.R. Parts 5 and 7.)

None

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination under federal law based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints, unless covered by 40 C.F.R. Parts 5 and 7.)

None

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

None

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ■ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95) ■ Yes ☐ No

a. Do the methods of notice accommodate those with impaired vision or hearing? ■ Yes ☐ No

b. Is the notice posted in a prominent place on the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications? ■ Yes ☐ No

c. Does the notice identify a designated civil rights coordinator? ■ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. 563 (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

Jen Chantrtanapichate, Deputy Director, Sixth Street Community Center, 638 East 6 Street, New York, NY 10009 jen@sixthstreetcenter.org [redacted]

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

Yes

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
[signature]	Executive Director	April 13, 2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

EPA KEY CONTACTS FORM

OMB Control No. 2030-0020
Approval expires 06/30/2024

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2030-0020). Responses to this collection of information are required to obtain an assistance agreement (40 CFR Part 30, 40 CFR Part 31, and 40 CFR Part 33 for awards made prior to December 26, 2014, and 2 CFR 200, 2 CFR 1500, and 40 CFR Part 33 for awards made after December 26, 2014). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information is estimated to be 0.5 hours per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Howard | Middle Name:
Last Name: Brandstein | Suffix:
Title: Executive Director

Complete Address:

Street1: Sixth Street Community Center, Inc.
Street2: 638 East 6 Street
City: New York | State: NY
Zip / Postal Code: 10009 | Country: USA
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: info@sixthstreetcenter.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Howard | Middle Name:
Last Name: Brandstein | Suffix:
Title: Executive Director

Complete Address:

Street1: Sixth Street Community Center,Inc.
Street2: 638 East 6 Street
City: New York | State: NY
Zip / Postal Code: 10009 | Country: USA
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: info@sixthstreetcenter.org

EPA KEY CONTACTS FORM

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Jen | Middle Name:
Last Name: Chantrtanapichate | Suffix:

Title: Deputy Director

Complete Address:

Street1: Sixth Street Community Center, Inc.
Street2: 638 East 6 Street
City: New York | State: NY
Zip / Postal Code: 10009 | Country: USA

Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**

E-mail Address: info@sixthstreetcenter.org

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: | First Name: Anna | Middle Name:
Last Name: Tsomo Leidecker | Suffix:

Title: Project Manager

Complete Address:

Street1: Sixth Street Community Center, Inc.
Street2: 638 East 6 Street
City: New York | State: NY
Zip / Postal Code: 10009 | Country: USA

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**

E-mail Address: anna@sixthstreetcenter.org

sixth street community center

1.0 Program Objectives

1a. Project Summary Page

- **Project Title: SSCC Citizen Science for Environmental Health & Climate Resiliency in the Lower East Side**
  - **Project Location:** Losaidia/LES (the Lower East Side), Manhattan, New York City, 10009
  - **Applicant Information:** Sixth Street Community Center, 638 E 6th St, Manhattan, NY, Ex. 6 Personal Privacy (PP)
  - **Primary Contact:** Anna Tsomo Leidecker, Ex. 6 - Personal Privacy (PP) anna@sixthstreetcenter.org
  - **UEI #:** YNLVJT1234M5*
- **Brief Description of Applicant Organization:** SSCC is a community-based not-for-profit organization founded in 1978 and committed to advancing social, environmental, housing, economic and racial justice in the East Village and Lower East Side community. We believe that people of all backgrounds and incomes in New York City have the right to a safe, clean, and healthy environment and have their basic needs met with dignity and respect. Our mission is to provide emergency services, expand food access, empower our youth, and support community organizing.
- **Set-Aside:** Small CBO Set Aside Track for $150,000
- **Project Abstract:** The Lower East Side community exists at the intersection of unhealthy air quality and flood vulnerability, and SSCC is well positioned to fight for local climate resiliency and environmental health. This project will expand the capacity of our existing Teen Climate Justice Program (TCJP) as well as our climate organizing initiatives, to conduct air quality monitoring, flood sensing, and public engagement with citizen science. Our goal is to empower community members through citizen science to make data-backed recommendations for a healthier, more climate resilient community. We hope to leverage this information for political decision making that will protect LES by utilizing a strong base of engaged students and community members. If granted funding through the EPA's EJCPS, SSCC and our community partners will host 8-10 public workshops for community learning on local climate impacts, air quality monitoring, flood sensing, and data analysis. Four or more engaged program participants will be identified to undergo training as Community Facilitators in the workshop curriculum, to assist with future workshops and cultivate more local subject matter experts on climate resilience and citizen science for future needs in the community. Further goals are to install 1 air quality monitor and 1 flood sensor on site at SSCC, install 2-4 additional stationary air quality monitors in neighboring locations, install 1-2 additional flood sensors in neighboring locations, and obtain and use 5-8 handheld air quality monitors for data collection.
- **Project Types:** Air Quality, Emergency Preparedness and Disaster Resiliency, Youth Development related to Environmental Justice
- **Special Considerations:** Project addresses Climate Change, Disaster Resiliency, and/or Emergency Preparedness
- **Environmental Issue:** Air quality, Flooding
- **Project Partners:**
  •CUNY Advanced Science Research Center: Kendra Krueger, Outreach & Education Director
  •LES Breathe: Wendy Brawer and Mary Jo Burke, Co-Founders
  •El Jardin Del Paraiso, JK Canepa, Steering Committee Member
  •FloodNet NYC, Véronëque Ignace, Community Engagement Manager
  •Mount Sinai, Dr. Pendley, PhD, MPH, Dept. of Environmental Medicine and Public Health
  •State Assembly Member Harvey Epstein
- **Need to develop a QAPP:** Yes

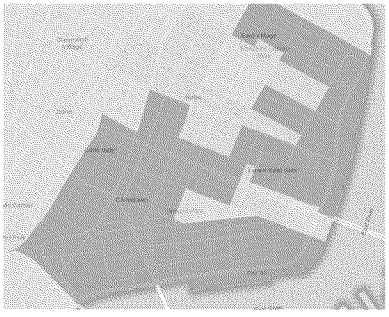
*At the time of submission, SSCC's UEI # was inactive; via communications with FSD.gov and EPA representative Mr. Jacob Burney, SSCC was permitted to submit outside of the Grants.gov portal.

1.b Environmental and Public Health information of the Underserved Community



Sixth Street Community Center (SSCC) is located in an DEC-designated Environmental Justice area. The six-block radius of our "EJ Zone" alone houses a population of 3,675, with 75.6% identifying as racial minorities, and 27.2% living below the poverty line. Large swaths of the Lower East Side and Chinatown are EJ areas, making it the only large collection of EJ areas in Manhattan located south of East 96th Street. The air quality of communities near FDR Drive are particularly of interest, and these localities are designated as EJ areas stretching from East 14th Street down to Delancy Street, and from Center Street to the south bend of FDR Drive.

Map and map detail of Environmental Justice designated area surrounding SSCC, from NYC Department of Health and Mental Hygiene, *https://nycdohmh.maps.arcgis.com/*

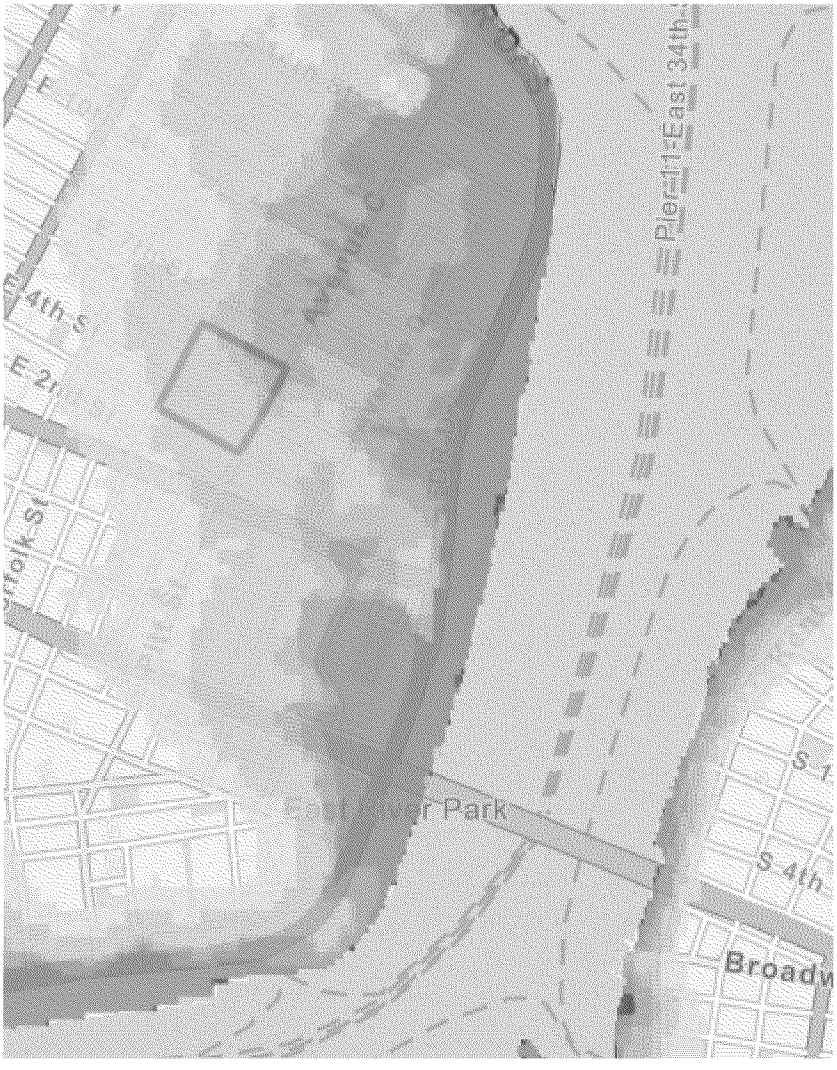


According to the EPA's EJScreen Tool, the block housing SSCC faces some of **the worst air quality and environmental pollution in the United States, as well as a high proportion of vulnerable groups**:

ENVIRONMENTAL HAZARD	Percentile in US	Percentile in NYS
Air toxics cancer risk	95-100th %	99 %
Air toxics respiratory hazardLo index	95-100th %	97 %
Diesel particulate matter	95-100th %	94 %
Hazardous waste proximity	99 %	99 %
Wastewater discharge indicators	97 %	95 %
Superfund proximity	95 %	88 %
Underground storage tank indicator	94 %	82 %
Traffic proximity and volume	91 %	87 %
Ozone	76 %	69 %
Particulate Matter 2.5	68 %	92 %

SOCIOECONOMIC / HEALTH INDICATOR	Percentile in US	Percentile in NYS
People of Color	83 %	76 %
Low Income	72 %	77 %

Limited English Speaking	78 %	66 %
Less Than HS Education	89 %	88 %
Low Life Expectancy	68 %	86 %
Asthma	80-90 %	*Data Not Available*



It is imperative to note that while this data represents only the 3-block radius where SSCC is located (E 6h Street to E 2nd Street between Avenue B and Avenue C), the data just one block East past Avenue D becomes even more stark as it approaches the FDR Drive. For example, E 6th Street and Avenue D are in **the 95 percentile for Coronary Heart Disease, and the 95 percentile for Adult Asthma nationally.** The same location is in **the 97 percentile for Low Income, 94 percentile for People of Color, 97 percentile for Limited English Speaking, 98 percentile for Less Than HS Education.** Many blocks in LES are also affected by medical underservice and gaps in broadband internet service. SSCC is flanked by similar statistics on the South and North sides. As is demonstrated by this data, the wider LES community is clearly rightfully designated by the NYS DEC as an Environmental Justice community, with shockingly high exposure to pollutants as well as high rates of environmentally-linked diseases and a majority population of vulnerable communities.

Map sourced from EPA's EJScreen Tool

As pictured, SSCC is located in a Level 5 Coastal Flood Hazard area, as are large swaths of the Lower East Side. This was experienced first hand by thousands of residents who were harmed by the impacts of Superstorm Sandy.

1.c Organization's Historical Connection to Underserved Community

In 1978, a group of single mothers living on East 6th Street between Avenues B and C formed a block association. Exhausted by the decrepit condition of their neighborhood where they were struggling to raise their children and improve their environmental conditions, they actively envisioned that through joint effort they could foster positive change for their community. After years of grassroots organizing and fundraising, the block association was able to purchase and revive the abandoned synagogue to become a center for the people.

Since its inception, SSCC has fostered economic and community development through a variety of programs including after school and summer programs, tenants rights and entitlement advocacy, and life skills and career development for teens and adults. As early as 1996, SSCC initiated projects that brought youth and community residents together around issues of sustainable urban living, sustainable agriculture, environmental advocacy, health and nutrition through our CSA, Youth-in-Agriculture, and SOS Food Programs.

In 2012, LES was one of the most impacted communities by Superstorm Sandy. SSCC is located near some of the largest stock of NYCHA buildings in NYC, and following the storm, many residents were left without electricity. Although many other community-based organizations were shut down during Sandy, SSCC opened the doors to the local community, simultaneously managing the flood damage to the building's basement. Over two thousand households benefitted from the emergency resources SSCC provided: food, water, clothing, toiletries, diapers, batteries, and other essentials as well as outlets to charge phones to contact loved ones; all given free of charge to any community member in need. Over two hundred volunteers converged at SSCC, as it emerged as a cornerstone for LES disaster relief. Additionally, SSCC Staff executed house runs to drop off supplies to house-bound families, as people could not leave their homes until power returned to elevator systems. SSCC Deputy Director Jen Chantrtanapichate recalls walking up 14 flights of stairs, carrying food to deliver to a community member who was home-bound because of disability without elevator service. Eleven years after the damage from Superstorm Sandy, the LES is still left without flood protection. After demolition began on East River Park in 2021, the neighborhood is at an increased risk until at least 2025, when reconstruction is projected to be complete. Now left without the greenspace that acted as an absorptive barrier, mitigating the flooding during Superstorm Sandy, the community is at an increased vulnerability level to storm surges. The community is aware of the impacts of climate change and flooding through their lived experiences, but have been left without tools and information to demand the protections they deserve.

In response to growing food insecurity in the Lower East Side due to the COVID 19 pandemic, SSCC organized and launched a weekly free food distribution program. Since April 2020, SSCC has served nearly 500 families weekly, distributing over 36,000 bags/boxes of fresh produce, fruits and food. For the first year of the pandemic, the food was provided in partnership with other organizations such as City Harvest, Beam Living, EV Loves NYC and much of the fresh produce provided by our own Community Supported Agriculture (CSA) program which

offers organic produce sourced from Hepworth Farms in the Hudson Valley. By the summer of 2021, Federal support and local resources dried up but food insecurity experienced by our families was still a stark reality. Using funds donated by our Sixth Street neighbors, friends and volunteers, SSCC pivoted to buying food from wholesale produce distributors, with a partnership with Tay Shing/Purveye'd Corporation to provide culturally sensitive produce for the majority East Asian immigrant population being served. The food distribution program has continued into 2023 with monthly distributions serving over 90-120 families per month.

More recently, SSCC staff has actively organized with a broad array of climate justice campaigns and coalitions such as the No North Brooklyn Pipeline Alliance, Public Power, NY Renews, Save East River Park, Transform Don't Trash, and more. Much of SSCC climate justice organizing already is in line with the Clean Air Act, such as air quality monitoring workshops facilitated by LES Breathe, and advocating for community-informed coastal resiliency with the Save East River Park movement. Through the latter, SSCC has facilitated engagement with the local community, educating residents on local climate justice issues such as air pollution from the FDR Drive and flood vulnerability. LES Breathe has already installed two PurpleAir Quality Monitors in the LES as a way to collect data to advocate for the protection of East River Park, and will function as one of the key community partners for this project. Through this proposal, SSCC aims to expand on the existing groundwork by meaningfully engaging the community through workshops on climate risk, air quality monitoring and flood sensing, and empowering local communities to impact change.

1.d EJCPS (EJ Collaborative Problem Solving) Model

1 - Issue Identification, Community Vision, and Strategic Goal Setting: Through the collective lived experience of the LES community being impacted by Superstorm Sandy, there is clear and well established identification of flood vulnerability as a local issue. Similarly, many local community groups in LES have formed from a concern about the air pollution issues detailed in Section 1.B, Environmental and Public Health Information of the Underserved Community, including proposed community partners LES breathe and the Loisaida Center Ecolibrium project. This proposal provides an answer to local community members who have climate concerns, but don't have access to resources or information to advocate for change. Through the Save East River Park movement, LES community members collaborated to create a community-led plan for coastal resiliency, highlighting the need for flood protections that also continue to serve the needs of the community for open green space. While the previous city administration ultimately chose its East Side Coastal Resiliency Project over the earlier HUD-funded community plan, SSCC has continued to tap into the active base of concerned community members who have a vested interest in local flood resilience. SSCC Deputy Director, Jen Chantrtanapichate, will continue to utilize her Masters in Urban Planning and Bachelors in Urban Studies, to support active community participation in the roll out of this project. SSCC Staff will enact this program towards the goals of healthy, breathable air, and local infrastructure for flood resilience. Utilizing best practices from community organizing strategies, facilitators will encourage workshop participation via listening to the concerns of community members, and linking their lived experiences back to the issues of air quality and flood risk. Curriculum for

workshops will include space for community members to share their thoughts, experiences, and opinions about how air pollution, flooding, or environmental factors impact their lives and the LES community. Workshops will be facilitated with a key emphasis on participants co-leading the conversation with ample time for sharing questions, experiences, and co-creation of group priorities.

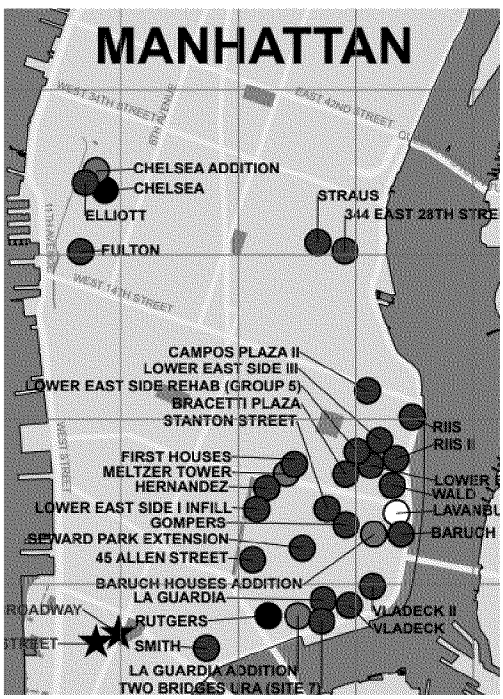
2 - Community Capacity Building and Leadership Development: A crucial leadership development component of the proposal consists of identifying four community members who demonstrate high engagement with public workshops, to be trained as Community Facilitators for future utilization of workshop curriculum. Two Air Quality Community Facilitators will be trained on curriculum Units 1-5, and two Flood Sensor Community Facilitators will be trained on curriculum Units 1-2 and 6-8. These Community Facilitators will receive a stipend to support their training, and go on to facilitate workshops with future cohorts of the TCJP, as well as any community groups who may benefit from the curriculum. By identifying these leaders, the impact of this proposal has the capacity to outlast the year-long grant term, as individuals embedded in the LES community will be equipped with information and training to train others. Moreover, this program plans to increase the capacity of all workshop participants to engage with local issues of air quality and flood vulnerability by directly providing the technology needed to gather air quality data and sense flooding. After providing those resources, the program ensures that the technology can be utilized in an accessible way through a multi-step community engagement process, from local on-the-ground outreach efforts to recruit participants and public interest, to hands-on educational workshops providing both information about how air pollution and flooding impact the LES as well as how to gather and analyze data about those issues. After a community member participates in a training session, the aim is that they will be able to use a handheld air quality monitoring system to gather local data in collaboration with a supporting SSCC staff member. SSCC hopes to see community member interest in advocacy utilizing data collected first-hand, and aims to leverage organizational political relationships to fight for the community's interest. High school students in the Teen Climate Justice Program will complete outreach training in advance of the public workshops, to help gather interest from the local community by synthesizing key information about LES climate vulnerability and presenting it as a justice issue. Teens will have hands-on experience with the handheld air quality monitors, and learn how to collect and track data from the stationary air quality monitors and flood sensors.

4 - Multi-Stakeholder Partnerships and Leveraging of Resources: One of the primary partners for this proposal is the CUNY Community Sensor Lab, a public university based organization that works with high school students and community members to build low-cost, DIY environmental monitoring sensors, building technical skills in electronics and programming and also growing confidence in self-advocacy through data literacy, analysis and presentation. Through utilizing the expertise Kendra Krueger has in teaching citizen science with specific emphasis on air quality monitors, CUNY Community Sensor Lab can bring forward accessible scientific information to share with the LES community. CUNY Community Sensor Lab has curriculum and materials available for lessons on building low-cost air quality sensors, as well as a comprehensive existing curriculum units introducing citizen science, climate science, and air quality. LES Breathe co-founders Wendy Brawer and Mary Jo Burke have installed multiple existing PurpleAir stationary air quality monitors located in LES, which connect to a public database, as well as held educational workshops with high school students on the topics.

Utilizing this existing resource, there is a baseline of data available for LES community members and SSCC staff to compare and contribute newly collected data against our stationary and handheld air quality monitors. LES Breathe's experience with monitor installations and interpretation of data will support this project. Additionally, LES Breathe has critical experience leveraging citizen science data for public advocacy campaigns to foster climate resilience in LES. El Jardin del Paradiso is an environmental awareness and educational community park located just two blocks from SSCC, and has been a key community gathering space since the opening in 1981, making it an ideal location for holding workshops and data collection sessions. FloodNet NYC has expertise in locating, installing, and maintaining flood sensors, as well as collecting and interpreting flood data, which is invaluable information for consultation with the SSCC Staff and partners team. FloodNet has an existing community outreach curriculum in development, which can be used as a source for key information in curriculum units pertaining to flooding. Mount Sinai as a community partner will leverage their public health expertise and provide support on evaluation measures. State Assembly Member Harvey Epstein will provide any expertise needed on legislative processes and civic engagement.

1.e Project Linkages

Map of local NYCHA developments, sourced from nychamap.pdf



As designated by the Department of Environmental Conservation, SSCC is located in the heart of an "Environmental Justice Community," surrounded by a cluster of neighborhoods with the same designation. LES has suffered both inequitable impacts from Superstorm Sandy, as well as inequitable access to recovery from such climate disasters. LES is among the most highly air polluted locations in the United States, compounded by proximity to a Con Edison facility, the FDR Drive highway, and now at increased vulnerability to flooding from the reconstruction of East River Park removing a crucial barrier between the waterline and residential buildings that mitigated storm surges such as Superstorm Sandy. According to the EPA's EJScreen Tool, LES populations are 83-94% People of Color and 72-97% Low Income. LES is home to one of the largest stocks of NYCHA public housing buildings in New York City, with residents often particularly vulnerable to environmental pollutants and climate risks, as well as a lack of sufficient resources to recover from flooding events or which cause molding and indoor air pollution. This project promotes Environmental Justice and Civil Rights through providing access to environmental monitoring technology, as well as providing access to skill-based training and information on local climate risks, climate resiliency, air quality monitoring, flood sensing, and data analysis. LES contains marginalized demographics and is overburdened with environmental risk and pollution, placing it as a key location for access to citizen science as a tool for climate justice and environmental health. If awarded the EJCPS grant, this program will

increase the capacity of the LES community to advocate for policies, projects, and campaigns that promote environmental health, particularly by collecting environmental data and empowering community members with skills, technology, and information.

1.f Partner and Collaborate

Community Partner	Role/Activities	Type	Stakeholder Group	Resources and Expertise
LES Breathe	Workshop development, workshop facilitation, air quality monitor installation assistance, data analysis, and training for SSCC staff.	CBO	LES residents, environmental advocates, citizen scientists	Local environmental knowledge, expertise on utilizing data for political advocacy, environmental data analysis and presentation experience, community facilitation experience, database of local air quality, existing stationary air monitors
CUNY Sensor Lab	Workshop development, workshop facilitation, grant proposal writing input, air quality monitor and flood sensor technological support, data analysis, and training for SSCC staff.	University (CUNY)	Scientists, environmental educators	Technical knowledge of installation and use of air quality monitors and flood sensors, existing curriculum units on citizen science and air quality, data analysis and presentation expertise, community facilitation on environmental science expertise.
El Jardin	Location for installation of stationary air quality monitor and flood sensor, outdoor workshop host site	Community Garden	LES residents, community garden members,	Strong base of community members and local residents, greenspace location for siting air quality monitor and flood sensor, expertise in hosting local community events.
FloodNet NYC	Workshop development and implementation, training for SSCC staff, utilizing FloodNet's strategic plan for flood sensor siting	University (NYU + CUNY Brooklyn College)	Scientists, environmental educators	Technical knowledge of flood sensors, database of city-wide flood information
Mount Sinai	Training for SSCC staff, public health data	Hospital	Researchers, physicians	Public health resources, environmental medicine, evaluation and assessment tools
Assembly Member Harvey Epstein	Political support, open workshops for constituents	State Legislator	Elected officials	Legislative processes, civic engagement

SSCC has been fortunate to hold deep ties to all of the community partners in this proposal. El Jardin has been involved with SSCC since both were founded; in particular, our Executive Director was instrumental in the opening of El Jardin and lives next door. Recently, El Jardin serves as a host space for events such as SSCC Community Land Trust meetings, workshops with the TCJP as well as the Youth Program, and more. El Jardin, since 1981, has

served as a resource for environmental education in LES and is dedicated to the health, safety, and agency of the community.

SSCC and LES Breathe worked closely together in advocating for the community plan to redevelop East River Park, and has co-facilitated two workshops on air quality monitoring with a cohort of high schoolers from the TCJP. LES Breathe was formed by residents out of a concern for indoor and outdoor air quality in LES.

CUNY Sensor Lab has come to facilitate hands-on workshops with multiple TCJP cohorts, and Outreach and Educator Director Kendra Kruger also serves on the SSCC board. Similarly, FloodNet works closely with Ms. Kruger on the design aspects of flood sensors, and SSCC is eager to further our partnership. These organizations are committed to protecting the environmental health and furthering the climate resilience of New Yorkers.

Mount Sinai has supported SSCC via a grant for a Community-Based Food Security, Access, and Nutrition Project. That includes measures of programmatic data collection, and deriving quantitative measures to assess effectiveness.

State Assembly Member Harvey Epstein has funded SSCC's Youth Program since 2021, and has supported the Climate Organizing SSCC staff advocates for, specifically with emphasis on renewable energy and climate justice legislation, such as the NY Build Public Renewables Act and the Climate, Jobs, and Justice Package. SSCC has invited AM Epstein to speak with high schoolers from the TCJP about climate priorities and the legislative process.

For all partners, SSCC plans to continue to work together for future environmental health and climate resiliency projects, such as collaborations with SSCC's TCJP, Youth Program, and Climate Organizer.

2.0 PROJECT ACTIVITIES / MILESTONE SCHEDULE

2a. Project Activities

- **Increase SSCC Staff Capacity**: Hire and onboard Project Manager, increase the hours of the TCJP Program Director by 8 hours per week, increase the hours of the Climate Organizer by 8 hours per week. Increasing staff capacity will result in ensuring successful management of the program, via community partners training SSCC staff on their topics of expertise, and will cover administrative needs such as developing the QAPP.
- **Develop Curriculum**: SSCC Staff and community partners will collaborate to develop 8 curriculum units for public community workshops. Workshop units may be reformatted or expanded depending on the amount of information and community priority given to each sub-topic, especially from workshop participant feedback. Developing the curriculum will ensure the quality of content in community workshops. Planned workshop units entail:
    - Unit 1: "Introduction to Climate Impacts in LES
    - Unit 2: "Climate Resilience, Barriers, and Solutions"

    - Unit 3: “Air Quality Monitoring 101”
    - Unit 4: “Air Quality Data Collection Field Work”
    - Unit 5: “Local Air Quality Data Analysis”
    - Unit 6: “Flood Sensors 101”
    - Unit 7: “Flood Sensor Data Collection Field Session”
    - Unit 8: “Local Flood Data Analysis”
- **Install Air Quality Monitors and Flood Sensors:** SSCC Staff and community partners will work together to install 1 stationary air quality monitor and 1 flood sensor on site at SSCC, and at El Jardin Del Paraiso. SSCC Staff will obtain 5-8 handheld air quality monitors for community and TCJP use. Scientific information and community input will be considered in choosing additional locations for the remaining flood sensor and air quality monitors.
- **Outreach for Workshop Participation:** SSCC Staff, TCJP students, and community partners will work together to promote awareness and buy-in for community workshops. SSCC, LES Breathe, El Jardin, and other local organizations SSCC has relationships with will send out information via mailing lists. TCJP students will be trained in canvassing and outreach skills, develop a fluency in speaking about local climate justice issues, and participate in on-the-ground outreach efforts alongside SSCC staff and volunteers. This outreach will result in 10-20 workshop participants for each curriculum unit.
- **Host Workshops:** SSCC Staff and community partners will host workshops on site at SSCC and at El Jardin as weather permits. Workshops will be formatted in sections, including open discussion following prompts about local climate impacts and experiences, presentation information sharing on science, data tools, and technology skills, and some sessions will be centered on active data collection from air quality monitors and flood sensors. Workshops will offer a meal for participants to incentivize participation and lessen the daily needs of those opting in to commit their time to the workshops.
    - Workshops may close with collecting feedback from participants on what information they retained, using informal discussion or a tool such as Kahoot or Google forms, as well as overall workshop feedback on facilitation, accessibility of information, food, and timing.
    - During the grant period, SSCC Staff and community partners will identify highly engaged community participants to become Community Facilitators, who will be offered a stipend for further training in workshop facilitation. There will be two stipends available for facilitators on Units 1-5 on air quality monitoring, and two stipends available for facilitators on Units 1-2 and 6-8 on flood sensing. (Per EPA guidance, stipends are provided for under “Participant Support Costs” in the proposed budget.) The technology, databases, and SSCC space will remain accessible to these Community Facilitators past the completion of the one year grant term, if they choose to hold additional workshops.
    - Workshops will result in participants ability to:
        - Vocalize the unique climate vulnerability and air quality issues of LES
        - Access and interpret open/public data sets on air quality and flooding such as OpenAq and FloodNet
        - Identify trends and hazardous conditions from data sets
        - Gain familiarity with new and emerging technology for climate monitoring, such as a handheld Atmotube air quality monitor

- **Collect and Present Environmental Data:** Environmental data collected throughout the

grant term, particularly through the TCJP summer intensive sessions in July and August, will be presented in a public format for community members, TCJP families, and local elected officials. Data will be accessible for wider community use, and a conversation will be opened during these community forums about what solutions the community sees fit for LES, and what steps should be taken to begin advocacy work.

2b. Milestone Schedule

MONTH	MILESTONES
October 2023 **Project start date: October 1st, 2023.*	• Onboard Project Manager, increase Teen Climate Justice Program Director and Climate Organizer hours for project focus • Begin QAPP • Receive disbursement of funds from EPA • Install stationary air quality monitor at SSCC; begin data collection • Acquire flood sensor components • Purchase handheld air quality monitors
November 2023	• Establish schedule for consistent curriculum development meetings with project partners • Develop Unit 1: "Introduction to Climate Impacts in LES" • Complete and submit QAPP, if needed • Begin training 2023-2024 cohort of Teen Climate Justice Program students on public outreach • Install air quality monitor at neighboring location
December 2023	• Develop Unit 2: "Climate Resilience, Barriers, and Solutions" • Conduct robust public outreach through SSCC mailing lists and events, partner mailing lists and events, "elevator pitches" at local community board or other meetings, and flyering. • Train Teen Climate Justice Program students in Unit 1: "Introduction to Climate Impacts in LES" • Install flood monitor on site at SSCC, begin data collection
January 2024	• Hold in-person (or hybrid, in accordance NYC recommended with COVID-19 safety measures) public workshop, utilizing Unit 1: "Climate Change in LES" ○ If public interest exceeds 30 community member participants, hold an additional workshop for Unit 1, offering in-person or hybrid options. • Collect feedback from Teen Climate Justice Program students and community members about Unit 1 curriculum accessibility, relevance, and quality. • Develop Unit 3: "Air Quality Monitoring 101"
February 2024	• Hold in-person or hybrid public workshops, utilizing Unit 2: "Climate Resilience, Barriers, and Solutions" ○ Hold an additional workshop for Unit 2 if participation demand is present.

	• Continue robust public outreach efforts. • Collect feedback from TCJP students and community members about Unit 2 curriculum accessibility, relevance, and quality. • Develop Unit 4: “Air Quality Data Collection Field Work”
March 2024	• Hold in-person or hybrid public workshop, utilizing Unit 3: “Air Quality Monitoring 101” ○ Hold an additional workshop for Unit 3 if participation demand is present. • Continue robust public outreach efforts. • Collect feedback from TCJP students and community members about Unit 3 curriculum accessibility, relevance, and quality. • Develop Unit 5: “Local Air Quality Data Analysis”
April 2024	• Hold in-person or hybrid public workshop, utilizing Unit 4: “Air Quality Data Collection Field Work” ○ Hold an additional workshop for Unit 4 if participation demand is present. • Continue robust public outreach efforts. • Collect feedback from TCJP students and community members about Unit 4 curriculum accessibility, relevance, and quality. • Develop Unit 6: “Flood Sensors 101” • Install stationary air quality monitor at neighboring location
May 2024	• Hold in-person or hybrid public workshop, utilizing Unit 5: “Local Air Quality Data Analysis” ○ Hold an additional workshop for Unit 5 if participation demand is present. • Continue robust public outreach efforts. • Collect feedback from TCJP students and community members about Unit 5 curriculum accessibility, relevance, and quality. • Develop Unit 7: “Flood Sensor Data Collection Field Session”
June 2024	• Onboard key engaged community members as TCJP facilitators for Units 1-5. • Conduct robust public outreach efforts for engagement in summer sessions. • Collect feedback from TCJP students and community members about Unit 5 curriculum accessibility, relevance, and quality. • Make changes and adjustments to Units 1-5 based on participant feedback. • Install flood sensor at neighboring location
July 2024	• Onboard consistently engaged community members as teachers for July summer intensive cohort of TCJP students, Units 1-5: ○ Unit 1: “Introduction to Climate Impacts in LES

	○ Unit 2: “Climate Resilience, Barriers, and Solutions” ○ Unit 3: “Air Quality Monitoring 101” ○ Unit 4: “Air Quality Data Collection Field Work” ○ Unit 5: “Local Air Quality Data Analysis” • Install stationary air quality monitor at neighboring location • Work with July summer intensive cohort of TCJP students to analyze, interpret, and present data gathered from community members on local air quality • To culminate July intensive TCJP summer session, share findings in a public event with community stakeholders: project partners, local elected officials, and community members.
August 2024	• Onboard consistently engaged community members as teachers for July summer intensive cohort of TCJP students, Units 1-2 and 6-8: ○ Unit 1: “Introduction to Climate Impacts in LES ○ Unit 2: “Climate Resilience, Barriers, and Solutions” ○ Unit 6: “Flood Sensors 101” ○ Unit 7: “Flood Sensor Data Collection Field Session” ○ Unit 8: “Local Flood Data Analysis” • Hold in-person or hybrid public workshop, utilizing Unit 6: “Flood Sensors 101” • Work with August summer intensive cohort of TCJP students to analyze, interpret, and present data gathered from community members on local flood sensing. • To culminate August intensive TCJP summer session, share findings in a public event with community stakeholders: project partners, local elected officials, and community members.
September 2024	• Hold in person or hybrid public workshop, utilizing Unit 7: “Flood Sensor Data Collection Field Session” • Meet with project partners to assess the success of workshops on Units 1-7 during January 2024-June 2024, and July and August 2024 intensive sessions. • Review feedback from July and August 2024 to make necessary updates and changes to curriculum • Brainstorm with project partners potential avenues for continued funding to implement Units 1-7 for new audiences
October 2024	• Hold in person or hybrid public workshop, Unit 8: “Local Flood Data Analysis” • Onboard key engaged community members as facilitator for Units 1-2 and 6-8. • Meet with project partners to assess the success of workshops on Units 6-8. • Prepare reporting necessary to EPA grant funder • Apply for grants to continue LES climate resilience and health organizing and education work

2c. Itemized Budget Sheet / Budget Narrative

Attached with Mandatory Documents.

3.0 ENVIRONMENTAL RESULTS - Outputs, Outcomes, and Performance Measures

3a. Logic Model

Attached with Mandatory Documents.

3b. Performance Measure Plan

Activity	Performance Measures	Evaluation
Co-create curriculum with community partners	1. 3 community partners to attend 3+ co-development sessions 2. Develop a curriculum template for Units 1-8 3. Educational Needs of community partners are identified and integrated into curriculum	1. Community partner pre- and post-program surveys for program participants 2. Attendance tracking 3. Curriculum review process
Install Static Air Quality Monitors and Analyze Air Quality Data	1. Air monitors are installed 2. Environmental data is produced at least monthly specifically targeting sites of concern for environmental health hazards 3. Air quality readings are shared accurately and consistently within the community	1. Data is analyzed, published, and shared with stakeholders and community via open online resources 2. Documentation of install and maintenance as needed 3. Air Quality data is collected and synthesized at the end of the grant term to produce a report
Install Static Flood Sensors and Analyze Flood Data	1. Flood sensors are installed 2. Environmental data is produced as available specifically targeting sites of concern for flood hazard 3. Flood sensor readings are shared accurately and consistently within the community	1. Data is analyzed, publishes, and shared with stakeholders and community via open online resources 2. Documentation of install and maintenance as needed 3. Flood data is collected and synthesized at the end of the grant term to produce a report
Run workshop & trainings	1. At least 4 community members are trained as Community Facilitators in workshop curriculum 2. Program attendance at least 75% of 10-20 participant goal per workshop 3. Program participants understand and can communicate environmental science terms related to air quality and flooding	1. Program Manager administers pre- and post-program surveys for program participants 2. Community Facilitators can successfully communicate all information in designated curriculum Units independent of SSCC staff and project partners 3. Attendance tracking

3c. Sustainability Plan and Community Vision

The LES community has a clear vested interest in the continuation of this project, as the links between high local respiratory illness rates and air pollution become clearer, and as the climate crisis continues to cause storm surges and flooding. LES residents across community groups have already begun to organize to collect data on air quality, and to advocate for local flood protections, as exemplified by the work of our project partners such as LES Breathe, and the community plan for coastal resilience. In the future, we may take the curriculum and data developed from this project into partnerships with other local environmental health and climate resilience organizations working in LES, such as the air quality project Ecolibrium by Loisaida Center. LES Ecology Center, like Loisaida Center, was unable to partner in this project because

of a lack of staff capacity, but has an ethos of environmental stewardship and community education that is in line with this project and could fit as a future collaborator.

If awarded the EJ ECPS Cooperative Agreement, SSCC and community partners will develop curriculum units that can continue to be utilized beyond the grant term for future cohorts of the TCJP, community members, and other community groups. The infrastructure and technology needed for community members and students to gather environmental data will be in place and accessible for use. Specifically, the Community Facilitators will be equipped to continue the workshops and cultivate more local subject matter experts on climate resilience and citizen science for future needs in the community. SSCC hopes that by providing training and resources, program participants will be empowered to use data to advocate for local decision making that protects the health and safety of LES residents. This data could be used to advocate for more comprehensive local flood protections, improved monitoring for air polluting activities around building and roadway construction, and to assist in identifying other sources of air pollution. We believe this model of providing training and technology access to empower community members as citizen scientists can be applied to other communities which are suffering disproportionate burdens of polluted air or vulnerability to flooding.

4.0 PROGRAMMATIC CAPABILITY

4a. Organizational Experience

Sixth Street Community Center has been managing community programs and resources since its founding in 1978. Our programs include a wide range of activities in the areas of environmental justice organizing in support of sustainable neighborhoods and renewable energy in collaboration with community partners and city and statewide coalitions; youth education in sustainability through our afterschool and summer programs for children and teens; and health and nutrition support through our Community Supported Agriculture program, emergency food/fresh produce distributions, and mutual aid kitchen providing weekly prepared meals to homeless and food insecure households. Through these projects, SSCC has demonstrated a high capacity for outreach and public engagement with campaigns and community development. The Community Center's renovated three-story facility, donated to the organization in 1984, houses our programs and also serves as a neighborhood venue for community meetings, workshops and celebrations. In crises such as Hurricane Sandy in 2012 and the recent Covid-19 pandemic, the Community Center has served as an emergency hub providing food, water, clothing and other essentials along with legal and social services referrals for Lower East Side residents. The work of our full-time and part-time staff is supplemented with over 50 regular volunteers and a hands-on Board of Directors that assists in all of our activities.

4b. Staff Experience / Qualifications of the Project Manager

Anna Tsomo Leidecker (she/they), proposed Project Manager (current Part-Time Program Director of the Teen Climate Justice Program at SSCC), is a Tibetan-American climate justice educator with a BS in "Wellness Equity" Health Sciences + Anthropology from CUNY

Baccalaureate and Macaulay Honors College, and is currently completing a Masters in Community Health from CUNY School of Public Health. As TCJP Program Director, Anna has developed and facilitated workshops on a rich array of climate justice topics and supported cohorts of 25+ high school students, while fostering community partnerships and participating in climate organizing coalitions. As an organizer with Sane Energy Project, she has led outreach, direct action, public education, and community building events that strengthened the No North Brooklyn Pipeline Alliance. Anna is currently completing a research project in partnership with NYC Health + Hospitals/Elmhurst on patient-provider communication regarding contraception and abortion services. Her experience with climate justice curriculum development and facilitation, in addition to her aptitude for movement-building and environmental campaign outreach, combined with her public health background, all position her to be a successful Project Manager.

Howard Brandstein (he/him), the current Executive Director, began his work at Sixth Street Community Center as a volunteer in the 1980s. He received his Masters in Urban Affairs from the University of Delaware and BS in Engineering Science from SUNY Stony Brook. As a lifelong New Yorker and urban homesteader, he assisted Lower East Side and East Harlem residents in homesteading and sweat equity projects, helping to establish resident-owned and managed buildings, community gardens and a community supported agriculture (CSA) co-op. Howard was instrumental in organizing the first Community Land Trust (CLT) in NYC here in LES. He is passionate about environmental justice and preserving our communities for low-income and working class people. As part of this he is leading the current SSCC effort to organize a new CLT on East 5th and 6th Streets in partnership with the Cooper Square Committee and New York City Housing Authority local tenant associations. Howard's deeply rooted ties to the LES community, as well as his robust community and environmental organizing background, make him highly qualified to support this proposal.

Jen Chantrtanapichate (she/her), the current Deputy Director, is a Thai-American artist, climate activist and community organizer from New York City. She received her Masters in Urban Planning and BA in Urban Studies from Hunter College. She developed and jump started Sixth Street's Youth Programs, Teen Programs, Emergency Food Distribution and Mutual Aid Kitchen Project. Her commitment to arts accessibility, urban sustainability and climate justice inspire much of the community programs at Sixth Street. On top of being responsible for the overall success of SSCC programs, she leads the center's organizing work in climate justice campaigns around energy democracy, opposition to fossil fuel expansion and coastal resiliency. In 2015, she founded the grassroots community organization, Cleanup North Brooklyn, which advocates for environmental justice, particularly in response to waste inequity and environmental racism in North Brooklyn. She serves on the board of the Bushwick Food Coop and the Fifth Street Farm Project. In her spare time, she fights for climate justice for BIPOC communities with coalitions like Frack Outta Brooklyn (FOBK) and works on campaigns that fall under the ethos of ecosocialism. Whether she is engaging communities through the arts, climate justice actions or collaborating with our vulnerable communities to develop environmentally sustainable solutions, she is invested in ensuring citizen participation is an integral part of the planning process - experience that will inform the key value of community

involvement in this proposal. In addition, Jen has direct experience with citizen science for political advocacy through air quality monitoring through the Transform Don't Trash campaign, which went on to inform city policy around waste equity.

Kendra Krueger (she/her), Board Member of SSCC, is an award-winning educator and engineer who believes in the transformative power of science. She has a bachelor's and master's degree in Electrical Engineering (BS Rensselaer Polytechnic Institute, MS University of Colorado Boulder) and has industry experience in radio astronomy, photonics, nanofabrication and ceramic sciences. Her transformative teaching philosophy integrates play, mindfulness and intuitive learning with science to allow students to develop not only their analytical thinking but also their emotional and social intelligence as well. Currently she serves as the STEM Education and Outreach Manager at CUNY's Advanced Science Research Center where she oversees The IlluminationSpace, an immersive learning center that hosts field trips and in-school programming. She also serves as a founding director for The CUNY Community Sensor Lab, a space for DIY community science and advocacy. As both a scientist, science educator, and a member of the SSCC Board, Kendra's experience with air quality monitoring, flood sensing, and educational development brings invaluable skills to this proposal.

Hennessy Garcia (she/they), Climate Organizer at SSCC, is an Afro-Puertorican intersectional activist and organizer. She is currently working on finishing her environmental science degree from CUNY Medgar Evers and an online degree in data analytics from Southern New Hampshire University. Hennessy is Sixth Street's Climate Justice Organizer. In this role, she works with large coalitions such as NY Renews, Public Power and the No North Brooklyn Pipeline Alliance. Hennessy has been lobbying and educating on environmental legislation such as the NYS Climate Jobs, and Justice Package (CJJP) and the Build Public Renewables Act (BPRA). Hennessy has only worked for SSCC for just five months and had taken the lead in getting our teen program to advocate in Albany for the CJJP on March 8th. Then got our teen program to come back to Albany for NY Renews Mass Mobilization where they performed a spoken word piece in front of Kathy Hochul's office on their experiences with the climate crisis. ,Presently, Hennessy is helping to spearhead the abolition and climate justice sub-team within NY Renews. Along with work and Sixth Street, Hennessy organizes around reproductive and women's rights.

4c. Expenditure of Awarded Grant Funds

Sixth Street Community Center has adequate financial controls, systems, and procedures in place to comply with all facets of the project. SSCC retains Supporting Strategies as our bookkeeping and accounting firm (www.supportingstrategies.com) and Lehman Flynn Vollaro CPAs LLC (https://lfvcpa.com) to handle our audits and filings with IRS and New York State. Our staff has extensive experience working with contractors and partner organizations in the community along with the many groups that utilize space at SSCC. Our Board of Directors is actively engaged in overseeing our financial management and assists in all our activities.

5.0 PAST PERFORMANCE

For all below listed grants, necessary reports were submitted on time and were acceptable under grant agreements.

- New York Community Trust– Teen Climate Justice Program (received $70k in 2021-22 and $70k in 2022-23)
    - Interim and final reports submitted for initial two-year cycle. Following successful submission of reporting requirements, anticipated renewal for $70k in 2023-24
- New York Renews Regrant– Climate Justice Organizing (received $25k in 2022-23)
    - Final report submitted. Following successful submission of reporting requirements, anticipated renewal for $25k in 2023-24
- NYS Legislative Grant from Assembly Member Harvey Epstein– Sixth Street Youth Program (received $25k in 2021-22 and $30k in 2022-23)
    - Final report submitted. Following successful submission of reporting requirements, anticipated renewal for $35k in 2023-24.
- NYC Civic Impact Fund – Emergency Food Distribution (received $10k in 2021, $10k in 2022 and $10k in 2023).
    - Final report submitted. Following successful submission of reporting requirements, anticipated renewal of $10k in 2024.
- Omidyar Network– Mutual Aid Kitchen Project (received $20k in 2021)
    - Final report submitted successfully.

6.0 QUALITY ASSURANCE PROJECT PLAN

This project will involve the use of existing environmental data, as well as the collection of new data, utilize computer databases containing analytical data, and use information to make recommendations on environmental decisions, and will require the development of a Quality Assurance Project Plan.

MANDATORY DOCUMENTS

2c. Itemized Budget Sheet / Budget Narrative

	Description	Total
Personnel	Project Manager @$45,000 annual salary x 100% of time on project Deputy Director @ $74,000 annual salary x 20% of time on project= $15,000 Teen Program Director $45,000 annual salary x 33% of time on project = $15,000 Climate Justice Organizer $25,000 annual salary x 50% of time on project = $12,500	$87,500
Fringe Benefits	For all personnel 21% of salary devoted to project.(includes medical insurance)	$18,375
Travel		$0
Equipment	Purple Air Quality Monitors- 5 units @ $400 each = $2,000 Flood Sensor Equipment- 3 units @ $375 each = $1,125 Atmotube Pro- 8 units @ $190 each = $1,520 1 Desktop Computer = $1,750 1 Laptop = $1,500 2 Tablets @ $1,000 each = $2,000	$ 9,895
Supplies	Snacks & meals for EJCPS Community Workshops and Meetings @ $200/month x 12 = $2,400 Supplies and materials for EJCPS Community Workshops and Meetings @ $120/month x 12 = $1,440 Miscellaneous Supplies for Project Staff = $1,254	$ 5,094
Contractual		$0
Construction		$0

Indirect Costs	Ten Percent *De Minimis* Rate of $136,364 in Direct Costs	$13,636
Other	CUNY Sensor Lab subaward for technical/scientific and workshop and training support = $5,250 LES Breathe subaward for technical/scientific and workshop and training support = $5,250 El Jardin del Paraiso Community Garden subaward for monitor location and workshop host site = $1,000 Participant Support Costs- $1,000 stipends for leadership training for community facilitation: Train 2 community members in air quality monitoring and workshop facilitation for curriculum units 1-5; and train 2 community members for facilitation in flood sensing monitoring and workshop facilitation for curriculum units 1-2 and 6-8. Total PSC cost is $4,000.	$15,500
TOTAL		**$150,000**

3a. Logic Model

Resources/Inputs	• Staff time
	  ○ Project Manager
	  ○ TCJP Program Director
	  ○ Deputy Director
	  ○ Climate Organizer
	• Partner organizations
	  ○ CUNY Sensor Lab
	  ○ LES Breathe
	  ○ El Jardin Del Paraiso
	  ○ FloodNet
	  ○ Mount Sinai
	  ○ Assembly Member Harvey Epstein
	
	• SSCC network
	  ○ TCJP students, mailing lists, volunteers

Activities	• Meet with partner organizations to develop workshop curriculum • Train SSCC staff on air quality and flood monitoring • Conduct robust public outreach ○ Train TCJP students in canvassing skills • Install air quality monitors and flood monitors

	• Host 8-10 workshops • Collect and present environmental data
Outputs	• 8+ units of workshop curriculum • 10-20 participants attend each workshop • 4+ more workshop announcements will go out via SSCC and community partner networks • 2 public forums culminating TCJP summer intensive sessions presenting environmental data • Flyering across 20+ city blocks via on-the-ground outreach, including 2 local NYCHA developments
Audience	• LES residents • Local community groups (including potential future community partners) • Local high schools and universities • Community partners
Short-Term Outcomes (6-12 months)	• Workshop participants will be able to vocalize the unique climate vulnerability and air quality issues of LES, access and interpret public data via OpenAq and FloodNet, identify trends and hazardous conditions from data sets, and use a handheld Atmotube air quality monitor
Intermediate Outcomes (12-24 months)	• New community or student groups will utilize workshop curriculum units • Key community participants from workshops will be trained as Community Facilitators, to facilitate curriculum units for future TCJP cohorts or other community groups • Environmental data from air quality monitors and flood sensors will be accumulated for community advocacy efforts
Long-Term Outcomes (2+ years)	• Increased advocacy capacity for environmental health and climate resiliency in LES

COMMUNITY PARTNER LETTERS OF COMMITMENT

THE ASSEMBLY STATE OF NEW YORK
ALBANY

HARVEY EPSTEIN
Assemblymember 74th District

To Whom it May Concern:

I am pleased to provide this Letter of Support for the Sixth Street Community Center (SSCC) proposal being submitted in response to the federal EPA Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program (EJCPS). Our office is committed to supporting community-based efforts to address concerns of air quality, flooding and climate resiliency particularly given the challenges our neighborhoods have faced in the aftermath of Hurricane Sandy. The SSCC proposal seeks to increase education and literacy around these concerns while expanding air and flood monitoring. The data collection enabled through this proposal will allow residents of the Lower East Side to develop and pursue an advocacy agenda to address air quality issues and implement strategies to mitigate environmental harms in their community.

Our office will work alongside SSCC and community leaders to identify key advocacy goals based on the air quality data collected through this initiative and share workshop opportunities with our constituents. As neighbors and advocates in the fight for environmental justice, we are excited to collaborate with SSCC **Citizen Science for Environmental Health & Climate Resiliency in the Lower East Side.**

Sincerely,

Harvey Epstein
NY State Assembly Member
Assembly District 47

OFFICE: Room 419, Legislative Office Building, Albany, New York 12248 518-455-5506, FAX: Ex. 6 Personal Privacy (PP)
DISTRICT OFFICE: 107 Avenue B, New York, New York 10009 212-979-9696, FAX: Ex. 6 Personal Privacy (PP)
EMAIL: epsteinh@nyassembly.govALBANY

Letter of Commitment
April 11, 2023

U.S. Environmental Protection Agency
Office Of Environmental Justice And External Civil Rights
Re: Environmental Justice Collaborative Problem Solving Grant Partnership

Dear Selection Committee,

On behalf of FloodNet, I am pleased to provide this Partnership Letter for Sixth Street Community Center's proposal being submitted in response to the United States EPA's Environmental Justice Collaborative Problem-Solving Agreement: EPA-R-OEJECR-OCS-23-01. FloodNet is excited to serve as a Project Partner in support of Sixth Street Community Center's proposed community air and flood monitoring campaign.

FloodNet is a cooperative of communities, researchers, and New York City government agencies working to better understand the frequency, severity, and impacts of flooding in New York City, through the installation of street-level flood sensors, and collection and dissemination of flood data. The data and knowledge gained can be used by local residents, researchers, city agencies, and others to advocate around and work to reduce flood risk. FloodNet brings together innovative sources of information on street flooding impacts in neighborhoods that are vulnerable to high tides, storm surge, and stormwater runoff.

If SSCC is awarded the EJCPS grant, FloodNet partners at the City University of New York (CUNY) and New York University (NYU) will support SSCC's work in curriculum development for and implementation of a community solutions workshop model on flood resilience and flood awareness in the Lower East Side. This model will provide education and training on engaging community residents in data collection and utilization to address flood impacts in the Lower East Side neighborhood. FloodNet will provide guidance on utilizing the existing outputs of its work, namely the FloodNet sensor data dashboard, community-collected data on local experiences of flooding, and technical guidance and advisory on building flood sensors to SSCC Staff, SSCC constituents, and associated community residents.

Sincerely,

Véronëque Ignace, MPH
Community Engagement Manager, FloodNet NYC
Ex. 6 Personal Privacy (PP)

April 10, 2023; Subject: Environmental Justice Collaborative Problem Solving Grant Partnership

To Whom it May Concern:

On behalf of LES Breathe, I am pleased to provide this Partnership Letter for Sixth Street Community Center's proposal being submitted in response to the United States EPA's Environmental Justice Collaborative Problem-Solving Agreement: EPA-R-OEJECR-OCS-23-01. LES Breathe is thrilled to serve as a Community Partner to assist Sixth Street Community Center's proposed community air monitoring and flood sensing campaign.

LES Breathe is a community committee formed out of the non-profit East River Park Action to protect air quality during construction of the East Side Coastal Resilience project on the Lower East Side through citizen science. Since June 2021, LES Breathe has installed five PurpleAir real-time air quality sensors around the Lower East Side and actively monitors their data, as well as the data from other sensors in our region for comparison. We also utilize Atmotube handheld air quality monitors, provide community engagement for accessibility of data collection and analysis, and support education about cleaner air at home.

Through this project collaboration, we hope to build capacity around measuring and assessing air quality, and build awareness in environmental health on the Lower East Side of Manhattan. LES Breathe seeks to support the project by assisting with workshop facilitation and curriculum development, as well as the installation of air quality monitors. LES Breathe has experience in collecting and analyzing air quality data to inform community advocacy for the environmental health of residents of the Lower East Side.

Sincerely,

Wendy Brawer
LES Breathe Co-Founder

Mary Jo Burke
LES Breathe Co-Founder

April 11, 2023; Subject: Environmental Justice Collaborative Problem Solving Grant Partnership

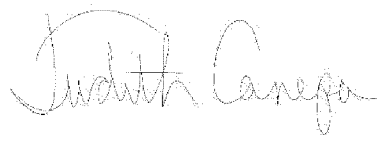
To Whom It May Concern:

On behalf of El Jardin Del Paraiso, I am pleased to provide this Partnership Letter for Sixth Street Community Center's proposal being submitted in response to the United States EPA's Environmental Justice Collaborative Problem-Solving Agreement: EPA-R-OEJECR-OCS-23-01. El Jardin is thrilled to serve as a Community Partner to assist Sixth Street Community Center's proposed community air monitoring and flood sensing campaign.

El Jardin del Paradiso is an environmental awareness and educational community park located just two blocks from SSCC, and has been a key community gathering space since the opening in 1981. El Jardin has been involved with SSCC since both were founded. Recently, El Jardin has served as a host space for events such as SSCC Community Land Trust meetings, workshops with the TCJP as well as the Youth Program, and more. El Jardin, has served as a resource for environmental education in LES and is dedicated to the health, safety, and agency of the community.

If granted funding through the EPA's EJCPS, El Jardin will host a stationary air quality monitor and a flood sensor on site, as well as potentially host workshops and community events for the proposal.

Best,



Judith Canepa, Steering Committee Member
El Jardin Del Paradiso, 706-718 E 5th Street & 311-321 E 4th Street, Manhattan, 10009



ADVANCED SCIENCE RESEARCH CENTER
THE GRADUATE CENTER
CITY UNIVERSITY OF NEW YORK

April 7, 2023; Subject: Environmental Justice Collaborative Problem Solving Grant Partnership

To Whom it May Concern:

On behalf of the City University of New York's Advanced Science Research Center (CUNY ASRC), I am pleased to provide this Partnership Letter for Sixth Street Community Center's proposal being submitted in response to the United States EPA's Environmental Justice Collaborative Problem-Solving Agreement: EPA-R-OEJECR-OCS-23-01. CUNY ASCR is thrilled to serve as a Project Partner in support of Sixth Street Community Center's proposed community air monitoring and flood sensing campaign.

The CUNY ASRC Community Sensor Lab is a workshop series that works with high school students and community members to build low-cost, environmental monitoring sensors. These sensors are critically relevant in a time when our world is gripped by crises that reveal the interconnections of health and environmental injustice. Our curriculum aims to build technical skills in electronics and programming and also grow confidence in self-advocacy through data literacy, analysis and presentation.

Through this project collaboration, we hope to build capacity around measuring and assessing air quality, flood risk, and environmental health in the Lower East Side of Manhattan. CUNY seeks to support the project by assisting with workshop facilitation and curriculum development. We will also install long-term static air monitoring equipment with young adults in the program, and train participants to learn about their basic operations, maintenance and upkeep. Data produced by these sensors will be collected and fed into a shared data tool, and analyzed in part by our team. This data will serve as an indicator for environmental health concerns in locations throughout the neighborhood that pose the greatest hazards to LES residents. CUNY believes in supporting and collaborating with organizations like Sixth Street Community Center, and is excited to continue our partnership through this grant opportunity.

Sincerely,

Kendra Krueger

STEM Education & Outreach Manager
The Advanced Science Research Center at The Graduate Center CUNY
Ex. 6 Personal Privacy (PP)

Mount Sinai *Conduits*
Institutes for Translational Sciences

Community Engagement Core
Clinical and Translation Science Awards Program (CondulTS)
Department of Environmental Medicine and Public Health

Icahn School of Medicine at Mount Sinai
One Gustave L. Levy Place, Box 1057
New York, NY 10029-6574

April 13, 2023

Re: EPA Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program (EJCPS)-EPA-R-OEJECR-OCS-23-01

To Whom It May Concern:

The Community Engagement Core for Mount Sinai's Clinical and Translation Science Awards Program, also known as CondulTS, enthusiastically support the Sixth Street Community Center (SSCC) proposal for *Citizen Science for Environmental Health & Climate Resiliency in the Lower East Side* being submitted in response to the federal **EPA Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program (EJCPS)-EPA-R-OEJECR-OCS-23-01**.

We have recently selected SSCC to be part of our Clinical and Translational Science Community Pilot Mini-Grant Award Program through which we will offer technical support in evaluation, assessment and public health resources. The objective of the pilot program is to foster community-academic partnerships that strengthen community capacity to develop, implement, and evaluate public health programs and ultimately position organizations to successfully respond to larger funding opportunities. SSCC staff will attend Mount Sinai-hosted workshops tailored to the technical assistance needs of the awardees. The goal of these workshops is to directly address major technical support themes, while also providing dedicated time to project planning.

We're very excited to partner with and support SSCC in their initiative for Citizen Science for Environmental Health & Climate Resiliency in the Lower East Side. Please contact us if you have any further questions.

Sincerely,

Sofia Curdumi Pendley, PhD, MPH
Assistant Professor
Department of Environmental Medicine and Public Health
Icahn School of Medicine at Mount Sinai

SIXTH STREET COMMUNITY CENTER

Grievance Procedure Policy

Introduction.

Sixth Street Community Center is aware that there may be times when employees need to file an official complaint about unjust treatment, harassment, and/or health and safety concerns in the workplace. This grievance procedure policy was created to clearly outline the process for these instances to ensure all our employees are heard and treated equally.

Purpose.

The propose of this grievance procedure policy is to (a) explain the scope and definition of grievances, (b) outline the process for reporting and closing a grievance, (c) define the company's confidentiality measures, and (d) describe the disciplinary action steps for policy violations.

Scope.

This policy is applicable to all Sixth Street Community Center employees, including paid interns, volunteers, and seasonal, part-time, and permanent employees. A grievance can be filed against any Sixth Street Community Center employee, including senior management and members of the Board of Directors. Sixth Street Community Center defines a "grievance" as a formal work-related complaint, issue, and/or objection made by an employee.

Grievance Procedure:

Before filing an official grievance complaint, Sixth Street Community Center asks that all employees review the policy that directly impacts their complaint. For example, if an employee files a sexual harassment complaint, he/she must consult the company's Sexual Harassment Policy.

Sixth Street Community Center encourages employees to resolve minor disputes with the help of a member of the Board of Directors. If the informal complaint is not *fairly and constructively* resolved within five days, employees may file a formal grievance.

Employees can file grievances when:

- They have been victims of workplace harassment.
- Their health and safety have been compromised.
- They've witnessed poor supervisor and/or management behavior.
- There are unjust changes made to the employment agreement.
- Policy guidelines are violated.
- There is a dispute between coworkers, suppliers, and/or management.

Sixth Street Community Center also recognizes that every case is different and this list is subject to change, depending on the definition filed in the Grievance Complaint Form.

Filing a Grievance.

When filing a grievance, employees have the option of reporting their complaints using the company's official online portal or contacting their direct supervisor or the Board of Directors HR committee. In either case, employees will be required to complete and file a Grievance Complaint Form.

Once the complaint has been submitted to the Board of Directors HR committee, employees have the right to attend meetings of the committee with a witness, appeal decisions, and depending on the severity of the complaint, refuse to attend work until the grievance is resolved.

When a grievance is filed against another employee, the accused also reserves the right to:

- View and request a copy of the official grievance complaint.
- Formally respond to the complaint after consulting his/her supervisor and the Board of Directors HR committee.
- Attend all formal meetings with a witness.
- Appeal the final decision to the full Board of Directors,

Company Responsibilities.

It is the responsibility of Sixth Street Community Center to:

- Accept and thoroughly investigate all Grievance Complaint Forms.

- Ensure that the grievance is resolved within 10 days, depending on the severity of each case.
- Treat both the complainant and the accused fairly throughout the grievance process.
- Adhere to the no-retaliation policy when employees file a complaint against management.
- Organize mediation meetings with the appropriate parties.
- Practice a high level of confidentiality throughout the grievance process.
- Accept and investigate all appeals.
- Ensure that the final decision is implemented.
- Maintain accurate and comprehensive records of each grievance.

Confidentiality.

Sixth Street Community Center employees, including senior management are required to sign a Confidentiality Agreement that limits them from discussing the grievance before and after it has been resolved. The complainant and those that stand accused of a grievance are prohibited from discussing the matter with any other Sixth Street Community Center employee.

Policy Violations.

If an employee is found to have violated the grievance procedure policy, they will be subject to disciplinary action, up to and including termination. The severity of each case will determine the type of disciplinary action, which may include a verbal or written warning, suspension, and/or termination.

If an employee is unequivocally proven to have committed the grievance he/she is being accused of, Sixth Street Community Center will adhere to its Disciplinary Action Policy to ensure that the matter is resolved justly and according to organizational guidelines.

Adopted 11/14/2019

Internal Revenue Service

Department of the Treasury

District
Director

P.O. Box 1680, GPO Brooklyn, N.Y. 11202

Date: MAY 22 1984

Sixth Street Community Center, Inc.
638 East 6th Street
New York, New York 10009

Employer Identification Number:
13-3204618
Accounting Period Ending:
June 30th
Form 990 Required: X Yes ___ No
Person to Contact:
M. Evans
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)

Dear Applicant:

Based on information supplied, and assuming your operations will be as stated in your application for recognition of exemption, we have determined you are exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code.

We have further determined that you are not a private foundation within the meaning of section 509(a) of the Code, because you are an organization described in section(s) 509(a)(1) and 170(b)(1)(A)(vi).

If your sources of support, or your purposes, character, or method of operation change, please let us know so we can consider the effect of the change on your exempt status and foundation status. Also, you should inform us of all changes in your name or address.

Generally, you are not liable for social security (FICA) taxes unless you file a waiver of exemption certification as provided in the Federal Insurance Contributions Act. If you have paid FICA taxes without filing the waiver, you should contact us. You are not liable for the tax imposed under the Federal Unemployment Tax Act (FUTA).

Since you are not a private foundation, you are not subject to the excise taxes under Chapter 42 of the Code. However, you are not automatically exempt from other Federal excise taxes. If you have any questions about excise, employment, or other Federal taxes, please let us know.

Donors may deduct contributions to you as provided in section 170 of the Code. Bequests, legacies, devises, transfers, or gifts to you or for your use are deductible for Federal estate and gift tax purposes if they meet the applicable provisions of sections 2055, 2106, and 2522 of the Code.

Letter 947(DO)(5-77)

The line checked in the heading of this letter shows whether you must file Form 990, Return of Organization Exempt from Income Tax. If Yes is checked, you are required to file Form 990 only if your gross receipts each year are normally more than $10,000*, or $25,000 for years ended on or after December 31, 1982. If a return is required, it must be filed by the 15th day of the fifth month after the end of your annual accounting period. The law imposes a penalty of $10 a day, up to a maximum of $5,000, when a return is filed late, unless there is reasonable cause for the delay.

You are not required to file Federal income tax returns unless you are subject to the tax on unrelated business income under section 511 of the Code. If you are subject to this tax, you must file an income tax return on Form 990-T. In this letter, we are not determining whether any of your present or proposed activities are unrelated trade or business as defined in section 513 of the Code.

You need an employer identification number even if you have no employees.

If an employer identification number was not entered on your application, a number will be assigned to you and you will be advised of it. Please use that number on all returns you file and in all correspondence with the Internal Revenue Service.

Because this letter could help resolve any questions about your exempt status and foundation status, you should keep it in your permanent records.

If you have any questions, please contact the person whose name and telephone number are shown in the heading of this letter.

Sincerely yours,

District Director

cc:

* For tax years ending on and after December 31, 1982, organizations whose gross receipts are not normally more than $25,000, are excused from filing Form 990. For guidance in determining if your gross receipts are "normally" not more than the $25,000 limit, see the instructions for the Form 990.

* Beginning January 1, 1984, unless specifically excepted, you must pay taxes under the Federal Insurance Contributions Act (social security taxes) for each employee who is paid $100 or more in a calendar year.

ED_016126_00001314-00042

HOWARD BRANDSTEIN

howard@sixthstreetcenter.org

Ex. 6 - Personal Privacy (PP)

Executive Director — January 1992-Present
Sixth Street Community Center Inc., Manhattan, NYC

Main responsibilities

- Management of Community Center facility and supervision of key staff.
- Administration of programs and activities including afterschool and summer programs for children and teens, environmental organizing, emergency preparedness and response, and health and nutritional education.
- Fundraising to foundations, corporations, government and individual donors. Plan and oversee staff in organizing community fundraising events.
- Work with Board of Directors and staff in evaluating existing programs and in program development.
- Build and maintain community relations with residents and other organizations.

Previous Experience

- Director, Homeownership Project
  Catholic Charities, Archdiocese of New York — 1983-1992
  Managed organizing, funding and rehabilitation program of 25 urban homesteading sites in Lower East Side and East Harlem and development of first community land trust in NYC in the Lower East Side. Developed Youth-at-Work Construction Training Program for 75 young adults in the LES.

- Director, Inner Cities Program,
  Save The Children, NYC — 1980-1982
  Supervised technical assistance and funding for children's educational programs in Lower East Side, Bedford- Stuyvesant and Sunset Park and urban homesteading program in LES.

Education

- B.S. Engineering Science 1974
  Stony Brook University, State University of New York.

- M.A. Urban Affairs 1978
  University of Delaware

Skills

- Fundraising
- Public Speaking
- Community Organizing
- Nonprofit Management

Redacted

SHE/HER/ अर्

Redacted

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

EDUCATION

- Masters of Public Health - Environmental and Occupational Health and Safety Concentration
  CUNY School of Public Health, anticipated 2023

- BS "Wellness Equity" - Health Sciences and Anthropology
  CUNY Baccalaureate Unique and Interdisciplinary Studies
  Macaulay Honors College, 2021

EXPERIENCE

- Teen Climate Justice Program Director, Sixth Street Community Center, 2022-Present
  Curriculum development, workshop facilitation, program administration, school outreach, community partnership management, and grant writing for the Teen Climate Justice Program.

- Just Transition Organizer, Sane Energy Project 2021-22
  Campaign strategy, event planning, meeting facilitation, community partnership management, public education, outreach, and onboarding training, communications and social media, correspondence with elected officials, on behalf of the No North Brookyln Pipeline Alliance.

- Assistant, Paperfinger House of Calligraphy 2021-22
  Assisted with website, recorded inventory, assisted with office organization, managed packaging and shipping of orders.

- Machik, Incubating Social Innovation for Tibet, 2017-18
  Volunteer organizing at Machik Weekend annual conference, facilitated discussion groups, coordinated media collection, guided yoga at Machik Urban Retreat.

REFERENCES

- Redacted Action Organizer - Sane Energy Project, Greenpeace, Beautiful Trouble
  Ex. 6 Personal Privacy (PP)
- Redacted Owner, Calligrapher, & Director - Paperfinger House of Calligraphy
  Ex. 6 Personal Privacy (PP)

JEN CHANTRTANAPICHATE

Ex. 6 Personal Privacy (PP) • Ex. 6 - Personal Privacy (PP) • Ex. 6 - Personal Privacy (PP)

EXPERIENCE

SIXTH STREET COMMUNITY CENTER

DEPUTY DIRECTOR **MAY 2015 - PRESENT**

Develop and implement new community programs, projects and campaigns. Leads the organization's work in climate justice campaigns- locally, citywide and statewide. Represents SSCC in coalitions we are a part of: No North Brooklyn Pipeline Coalition, NY Renews and NYS Public Power Coalition. Oversees hiring, onboarding and managing SSCC's team of directors, organizers and educators. Oversees operations of SSCC including but not limited to: program development, program finances and budgets, development and fundraising, partner relations, outreach, recruitment of diverse participants that reflect the Lower East Side, community engagement, participant enrollment, volunteer management and engagement. Develop and manage collaborative projects with local community partners, community based organizations and diverse stakeholders. Direct the organization's communications, compile reports about community impact, act as a media spokesperson for the organization. Started as the Youth Program Director (2015-2017) and worked as SSCC's Program Director (2017-2021) prior to becoming Deputy Director.

CLEANUP NORTH BROOKLYN (CNB) **MAY 2015 - PRESENT**

FOUNDER

Started from the ground up a grassroots community organization of approx. 75 members based in N. Brooklyn— Actively confronting environmental racism as it pertains to waste inequity and the harms posed by the unsustainable structure of NYC's private waste industry, while advocating for environmental justice and equitable solutions for our most targeted communities. Base-builds w/ community members that are reflective of the longstanding community that has been impacted. Organize, lead and facilitate community meetings, large community forums, town halls, actions and rallies. Outreach and coordinate w/ local elected officials and city council staff. Develop and maintain relationships with ally CBOs and partners like New York City Environmental Justice Alliance, El Puente, OUTRAGE, Make the Road, New York Lawyers for the Public Interest, Teamsters Labor Union, Sure We Can, Neighbors for Allied Growth and ALIGN. Work w/ coalitions like Bag It NYC and Transform Don't Trash.

AMPLIFY **MAY 2012 - 2015**

ELA PROGRAMS COORDINATOR

Developed from the ground up and coordinated a pilot youth program (The Writer's Express) at a third-party location (Sixth Street Community Center) to implement a digital english language arts (ELA) curriculum. Responsible for developing a community partnership with the host site, cultivating relationships with local schools and families, outreach and enrollment of youth participants, managing a small team of college aged interns, student engagement, parent coordinating and developing and teaching enrichment workshops in the arts, creative writing and urban gardening.

EDUCATION

MASTER IN URBAN PLANNING. HUNTER COLLEGE. **GRADUATED 2018**

COMMUNITY BASED PLANNING AND ADVOCACY, URBAN SUSTAINABILITY & CLIMATE JUSTICE

Studio member representing Hunter College's Master's of Urban Planning department at the annual APA NY Metro Studio 2018. Graduated with academic honors.

BACHELOR OF ARTS IN URBAN STUDIES. HUNTER COLLEGE. **GRADUATED 2014**

Graduated with academic honors.

ADDITIONAL EXPERIENCE AND SKILLS

BUSHWICK FOOD COOPERATIVE. BOARD MEMBER	2020- PRESENT
FIFTH STREET FARM PROJECT. ADVISORY BOARD MEMBER	2018- 2020
FUND FOR THE CITY OF NEW YORK. COMMUNITY PLANNING FELLOW	2018- 2019

Public speaking, leadership, facilitation, program development, program management, staff management, team development, partnership development, creative problem solving, community building, community outreach and engagement, community planning, coalition building, conflict resolution and mediation, action planning, events planning, data collection, data analysis, able to work effectively and collaborate with people from diverse backgrounds.

RECENT PANELS:

HOW DO WE WIN PUBLIC POWER?	BROOKLYN PUBLIC LIBRARY. SEPT. 2022
G20 COUNTER SUMMIT, ECOSOCIAL FORUM	UNIV. OF NAPLES FEDERICO. JULY 2021
ARE WE FEEDING THE CRISIS?	CUNY GRADUATE CENTER. 2021
SOLAR IMAGINARIES	UPENN. 2021

COMMUNITY ADVOCACY & POLICY WORK:

WASTE EQUITY BILL (LOCAL LAW 152 NYC), IN COALITION WITH TRANSFORM DON'T TRASH
PLASTIC BAG BAN (NYC) & IN COALITION WITH BAG IT NYC
COMMERCIAL WASTE ZONES (NYC), IN COALITION WITH TRANSFORM DON'T TRASH

CERTIFICATIONS:

FOCUSING ORIENTED ARTS THERAPY. CERTIFICATIONS 1 & 2 2014. CERTIFICATIONS 3 & 4 2016.

Partner Letters of Commitment – PathStone

1. **Academic** Stakeholder Group – National
    - National Partnership for Environmental Technology Education (PETE), an Affiliated Council of the American Association of Community Colleges

2. **Community** Stakeholder Group – Island-wide / Local
    - Program Area Advisory Committee – Belsy Velez, President
    - Centro de Servicios Communitarios y Agricolas de Utuado Inc.
    - Municipality of Utuado – Nilda I. Maldonado Maldonado

3. **Economic Development** Services Stakeholder Group – Regional / Local
    - COSSAO (Corporacion de Servicios de Salud Primaria y Desarrollo SocioEconomico Del Otoao) – Francisco J. Valentin, President

4. **Faith-based** Stakeholder Group – Local
    - Apóstle II Methodist Church – Pastor Héctor Cortés Aguilar
    - Mateo 4:19 Church – Pastor Hilda Jeanette Torres Rosado

5. **Government** Stakeholder Group
    - US Congress – Jenniffer González-Colón
    - District of Arecibo – Senator Elizabeth Rosa Vélez

6. **Health** Services Stakeholder Group
    - Clinical Social Worker – Martha Mercado

7. **Business** Stakeholder Group
    - ECO JMJ Fitness Inc.: Training Provider for Emergency / Disaster response training,

8. **Workforce System** – American Job Centers
    - Conexión Laboral, Área Local Desarrollo Laboral Manatí Dorado – Yamilette Ramos De La Cruz, Official Ejecutive
    - Conexión Laboral-Área Local Norte Central – Samaris A. Tejada Cruz, Executive Director

National Partnership
PETE
for Environmental Technology Education

Ex. 6 Personal Privacy (PP)
South Portland, Maine 04106

tel: Ex. 6 - Personal Privacy (PP)
fax:
email: Ex. 6 - Personal Privacy (PP)
www.nationalpete.org

April 10, 2023

Re: EPA-R-OEJECR-OCS-23-01

Dear Reviewers:

Please accept this letter of commitment to support PathStone Corporation in their application to the Environmental Justice Collaborative Problem-Solving Cooperative Agreement #EPA-R-OEJECR-OCS-23-01.

National Partnership for Environmental Technology Education (PETE) has been working in collaboration with PathStone since 2019 to provide training; we are on our seventh contract for PathStone to train community members to respond to disasters in Puerto Rico and the Caribbean including emphasis of working under Infectious Disease (COVID-19) restrictions. PathStone is utilizing DSW worker supplies and expertise garnered from participation in PETE's DSW Trainer-the- Trainer program to provide the training. In addition to the DSW, PathStone's lead trainers were also authorized through PETE Train-the-trainer to offer HAZWOPER and OSHA.

National PETE appreciates the professional training that PathStone delivers to prepare community members for disasters and create a skilled workforce to meet the needs of reconstruction in the Infectious Disease impacted environment. The job readiness, occupational/environmental skills and safety training PathStone delivers will create a skilled workforce to meet employers' needs and help communities prevent, prepare for, and respond to disasters.

National PETE is committed to assist PathStone to build community and workforce capacity and resilience. Our current and future collaboration will contribute to PathStone's success in increasing economic resilience for communities, workers and businesses.

Sincerely,

Kirk J. Laflin,
Executive Director

March 30, 2023

U.S. Environmental Protection Agency
Office of Environmental Justice and External Civil Rights

Dear Reviewers,

My name is Belsy Velez and I am the president of the Program Area Advisory Committee in Puerto Rico. As volunteers, we work in different communities around the island, identifying the needs that they may have. Through this letter, we confirm our commitment to PathStone Corporation's proposed Environmental Justice Collaborative Problem-Solving Cooperative Agreement #EPA-R-OEJECR-OCS-23-01. This program will deliver much needed training to our communities that will address Climate Change, Disaster Resiliency, and Emergency Preparedness.

We will provide PathStone with information pertaining to our local needs, communities' assessments, and local projects that may support PathStone in their efforts. The Program Area Advisory Committee will help PathStone promote their services and refer qualified participants.

This program will be very helpful to these communities and we are excited to work in collaboration for the benefit of all.

Sincerely,



Centro de Servicios Comunitarios y Agrícolas de Utuado Inc.
PO Box 2525 CMB 14
Utuado, Puerto Rico 00641-2525

April 12, 2023

Mrs. Mileidy Soto
Director, Training & Employment
PathStone Corporation

Dear Mrs. Soto

Centro de Servicios Comunitarios y Agrícolas de Utuado Inc. (CSCAU), is a non-profit organization dedicated to assist communities in the Utuado area, with a multiservice center dedicated to supply all the community needs, including a safe space in case of a natural disaster. We are pleased to provide this Letter of Commitment to collaborate with PathStone in their application to the Environmental Justice Collaborative Problem-Solving Cooperative Agreement #EPA-R-OEJECR-OCS-23-01, funded by the Environmental Protection Agency to deliver training that will address Climate Change, Disaster Resiliency, and Emergency Preparedness to the residents of Utuado.

We created our organization, because we noticed the importance of providing a place in the community that all the population around us can feel safe in the event of a natural disaster or an emergency. Our focus is to create a space that in a future can serve as a refuge to the affected communities in the Utuado area. With this opportunity in collaboration with PathStone we are going to be able to refer candidates that will receive the trainings and collaborate towards the completion of the project that we have in our community.

We are looking forward to work together on this new opportunity.

Sincerely,

Wilfrido Bermúdez
President
Ex. 6 - Personal Privacy (PP)

"Unidos somos más"

March 28, 2023

Dear Reviewers:

We are pleased to provide this letter of support for PathStone Corporation's proposed Environmental Justice Collaborative Problem-Solving Cooperative Agreement #EPA-R-OEJECR-OCS-23-01, funded by the Environmental Protection Agency.

Our municipality has continually supported PathStone and their efforts within our communities. We will provide support in identifying communities, assessing the needs, referring individuals that may benefit from this opportunity, and will help in the coordination of community orientations and/or activities.

The most recent Disaster that affected our communities in Utuado was hurricane Fiona. Fiona not only left Puerto Rico with significant flooding and a widespread power blackout, but the extreme rainfall caused unaccountable damages to many areas of our municipality, mostly due to flooding and landslides. The impact still remains visible in our communities. Our town had not yet fully recovered from Hurricane Maria, when Fiona made impact.

As leaders of our town, we are excited to learn of this opportunity and PathStone's efforts to address Climate Change, Disaster Resiliency, and Emergency Preparedness. We are confident this program will provide the needed support to our communities.

We will support PathStone and commit to apply appropriate experience and/or resources to deliver the planned outcomes. We understand that this program will allow our residents to prepare for future disasters and to learn when and how to respond.

We are grateful for the impact PathStone has made in Utuado with services from their different programs since 2007. We have witnessed services such as emergency food, shelter, housing relocation, training, career exploration and even employment services. Because of this, we will continue supporting their programs and look forward to this collaboration.

Cordially,

Nilda I. Maldonado Maldonado
Director of Human Resources
Utuado Municipality

March 30, 2023

Mrs. Mileidy Soto
Director, Training & Employment
PathStone Corporation

Dear Mrs. Soto,

Corporacion de Servicios de Salud Primaria y Desarrollo SocioEconomico Del Otoao (COSSAO) is a non-profit organization dedicated to assist communities in the Utuado area, with health services and economic development. In COSSAO, we are pleased to provide this Letter of Commitment to collaborate with PathStone in their application to the Environmental Justice Collaborative Problem-Solving Cooperative Agreement #EPA-R-OEJECR-OCS-23-01, funded by the Environmental Protection Agency to deliver training that will address Climate Change, Disaster Resiliency, and Emergency Preparedness to the residents of Barceloneta, Arecibo, and Utuado.

Working in our organization, we noticed the importance of providing emergency related trainings, since in the past emergencies; our communities were severely impacted and damaged, having been completely uncommunicated for weeks after Hurricane Maria. Our residents were in need of food and shelter and were not able to access these resources until help finally came in by helicopters in some areas of our communities. For these reasons, and the concerns that have arised after natural disasters, we will fully support the efforts that will not only prepare our residents for disasters, but will also give them the confidence to proceed to obtain needed resources. We will support outreach efforts, provide referrals and needed space, so these communities will be receiving the training needed to survive these events.

We have worked with PathStone and its different programs since 2007 and are committed to this collaboration. We look forward to working together on this new opportunity.

Sincerely,

Francisco J. Valentin
Presidente COSSAO

Iglesia Metodista San Juan Apóstol II
Bo. Hato Viejo, Arecibo

March 28, 2023

Mrs. Mileidy Soto
Director, Training & Employment
PathStone Corporation

Dear Mrs. Soto,

San Juan Apóstol II Methodist Church is a faith-based organization, which is located in Hato Viejo a neighborhood of Arecibo. We are pleased to provide this Letter of Commitment to collaborate with PathStone in their application to the Environmental Justice Collaborative Problem-Solving Cooperative Agreement #EPA-R-OEJECR-OCS-23-01, funded by the Environmental Protection Agency to deliver training that will address Climate Change, Disaster Resiliency, and Emergency Preparedness to the residents of Barceloneta, Arecibo, and Utuado.

Currently our church has different ministries of social assistance, which in one way or another directly impact the municipality of Arecibo and adjacent towns. We have been able to identify the need to provide training and tools that will empower these communities in the event of a natural disaster.

That is why our church San Juan Apostol II is hopeful to help and support you with this program. It would be an accessible tool for each person that our congregation can identify, who has the need to be trained and who wants to be volunteers in the event of a natural disaster in assisting during the emergency with the acquired tool provided by the trainings.

We proudly support PathStone training and employment program and services and will be helping this program to succeed.

With regards,

Héctor Cortés Aguilar
Pastor



April 13, 2023

Dear Reviewers,

The Mateo 4:19 Church, in the town of Arecibo, served the community in their needs and bring the word of God to others. As a Church, we are preparing our selves to help people in our community, to respond in a time of crisis. Our community is located in a very vulnerable place in Arecibo, because is close to rivers and the sea coast.

We are pleased to provide this Letter of Commitment to collaborate with PathStone in their application to the Environmental Justice Collaborative Problem-Solving Cooperative Agreement #EPA-R-OEJECR-OCS-23-01, funded by the Environmental Protection Agency to deliver training that will address Climate Change, Disaster Resiliency, and Emergency Preparedness to the residents of Barceloneta, Arecibo, and Utuado.

We support their plan to provide residents, training that will improve the management of how to act during a natural disaster. We may provide PathStone with information pertaining to natural disasters and how to prepare before, during and after a natural disaster.

This program will be very helpful to our residents and we are excited to work in collaboration for the benefit of all. We understand that this Program will allow our residents to prepare for future disasters and to learn when and how to respond.

Respectfully,

Hilda Jeannette Torres Rosado
Pastora de la Iglesia

JENNIFFER GONZÁLEZ-COLÓN
PUERTO RICO, AT LARGE

WASHINGTON OFFICE:
2338 RAYBURN HOUSE OFFICE BUILDING
Ex. 6 Personal Privacy (PP) FAX Ex. 6 Personal Privacy (PP)

SAN JUAN OFFICE:
157 AVENIDA DE LA CONSTITUCIÓN
ANTIGUO EDIFICIO DE MEDICINA TROPICAL
SEGUNDO PISO
SAN JUAN, PUERTO RICO 00901
Ex. 6 Personal Privacy (PP) FAX Ex. 6 Personal Privacy (PP)

COMMITTEES:
TRANSPORTATION & INFRASTRUCTURE
SUBCOMMITTEES
ECONOMIC DEVELOPMENT, PUBLIC BUILDINGS AND EMERGENCY MANAGEMENT
WATER RESOURCES AND ENVIRONMENT
COAST GUARD AND MARITIME TRANSPORTATION

NATURAL RESOURCES
SUBCOMMITTEES
VICE CHAIR FOR INDIAN AND INSULAR AFFAIRS
WATER, WILDLIFE AND FISHERIES

Congress of the United States
House of Representatives
Washington, DC 20515–5400

April 10, 2023

Marianne Engelman-Lado
Acting Principal Deputy Assistant Administrator
Office of Environmental Justice and External Civil Rights
Environmental Protection Agency
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Dear Acting Principal Deputy Assistant Administrator Engelman-Lado:

I write in support of the application submitted by PathStone Corporation, Puerto Rico (PathStone-PR) in response to the Office of Environmental Justice and External Civil Rights' funding opportunity under the Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program (EPA-R-OEJECR-OCS-23-01).

PathStone-PR has successfully delivered employment and training services to disfranchised individuals on the Island since 2007. One of their main objectives is to foster programs that fill employment gaps in areas of high demand, including construction, renewable energy, and other environmental career pathways. The organization has demonstrated its capacity to prepare farmworkers, at-risk youth, justice-involved and incarcerated individuals, seniors, and low-income residents to attain better economic and social opportunities, while building self-sufficiency in underserved communities. As a result, they have created a network of hundreds of participants who are ready to work and support each other.

This grant opportunity supports community-based efforts that promote collaboration across public and private sectors to address environmental and public health concerns in communities that are disproportionately impacted by environmental issues. It is my understanding that PathStone-PR intends to use grant funds to deliver training that will address climate change, disaster resiliency, and emergency preparedness, in addition to providing guidance in the development of emergency plans to the residents living in the municipalities of Barceloneta, Arecibo, and Utuado, located on the northwestern region of the Island. This program would complement similar initiatives undertaken by PathStone-PR in other municipalities, broadening impact and ensuring more residents are prepared to manage natural disasters and other emergencies.

PRINTED ON RECYCLED PAPER

I trust PathStone-PR would be a valuable partner for this program considering their trajectory and years of experience, as well as their renowned service to communities across the Island. I once again reinstate my support and respectfully request proper consideration of their proposal.

Please consider this request in accordance with applicable laws, rules, and regulations.

Sincerely,

Jenniffer González Colón
Member of Congress

HON. ELIZABETH ROSA VÉLEZ
SENADORA DISTRITO DE ARECIBO

PRESIDENTA DE LA COMISIÓN DE INNOVACIÓN, TELECOMUNICACIONES, URBANISMO E INFRAESTRUCTURA | COMISIÓN ESPECIAL PARA LA ERRADICACIÓN DE LA POBREZA

SENADO
ESTADO LIBRE ASOCIADO DE PUERTO RICO

March 30, 2023

To whom it may concern:

Through this letter, we certify our commitment to PathStone Corporation's proposed Environmental Justice Collaborative Problem-Solving Cooperative Agreement #EPA-R-OEJECR-OCS-23-01, subsidized by the Environmental Protection Agency. PathStone Corporation is a non-profit organization, organized under the laws of New York and duly authorized to do business in Puerto Rico since April 1, 1997.

Our office and the efforts we carry out on a daily basis in our communities support their plan to provide various municipalities, including Barceloneta and Arecibo residents the opportunity to develop solutions that will significantly address issues in communities disproportionately burdened by environmental harms and risks. This project will help transform disadvantaged and underserved communities into healthy, thriving communities capable of addressing the environmental and public health challenges they have historically faced, as well as current and future challenges.

Since January 2021, I serve as the Arecibo District Senator, which consists in the following municipalities: Arecibo, Barceloneta, Camuy, Ciales, Dorado, Florida, Hatillo, Manatí, Morovis, Quebradillas, Vega Alta and Vega Baja. During this time, I have witnessed PathStone's engagement with the communities and their needs, as well as the need to improve environmental programs that address Climate Change, Disaster Resiliency, and Emergency Preparedness. PathStone has participated in multiple activities throughout the municipalities I represent, bringing information and services to the population.

We commit to continue helping PathStone promote their services and will help in the identification and coordination of services to communities in need resiliency, adaptation and Emergency preparedness skills and knowledge. We have access to communities and their leaders and are able to help obtain community input and feedback for program needs and development.

This project will have a positive impact in our communities and is a great opportunity to facilitate the involvement of those potentially affected by disasters, in emergency

EL CAPITOLIO, PO BOX 9023431, SAN JUAN, PUERTO RICO 00902-3431
TEL. Ex. 6 - Personal Privacy (PP) * EMAIL: Ex. 6 - Personal Privacy (PP)

planning and implementation. We are excited to continue working in collaboration for the benefit of those we serve.

Respectfully,

ELIZABETH ROSA VELEZ

March 28, 2023

Mrs. Mileidy Soto
Director, Training & Employment
PathStone Corporation

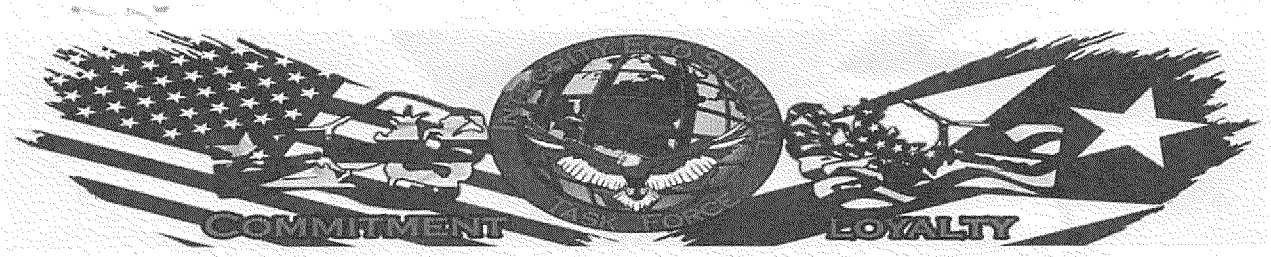
Dear Mrs. Soto,

My name is Martha Mercado and I am a Clinical Social Worker. As a clinical social worker, I have worked directly with communities in the north-west part of the island for over 10 years, and worked directly in shelters during the past natural disasters encountered. I am pleased to provide this Letter of Commitment to collaborate with PathStone in their application to the Environmental Justice Collaborative Problem-Solving Cooperative Agreement #EPA-R-OEJECR-OCS-23-01, funded by the Environmental Protection Agency to deliver training that will address Climate Change, Disaster Resiliency, and Emergency Preparedness to the residents of Barceloneta, Arecibo, and Utuado.

In my past experiences during natural disasters the community residents suffer from lack of necessary knowledge to guide and to provide the correct information during an emergency. These residents also need guidance and preparation on how to identify needed resources in a timely manner. For these reasons, if this opportunity is provided to PathStone, I will be more than happy to provide assistance training required training and social services to these communities, and commit to referring candidates that are in need of this training.

This program will be very helpful to the communities and we are excited to work in collaboration for the benefit of all.

Martha M. Mercado Cri'
Sincerely, MSW # Ex. 6 Personal Privacy (PP)



NON PROFIT 501c3 REGISTRO 420151 EIN 66-0862131

Mr. Juan Martinez Ex. 6 - Personal Privacy (PP)
Cel. Ex. 6 - Personal Privacy (PP)
President / CEO Carr. 0464 KM 3.2 Bo. Aceituna Moca P.R. 0067
ECO JMJ Fitness Inc.

Mrs. Mileidy Soto
Director, Training & Employment
PathStone Corporation

Dear Mrs. Soto,

ECO JMJ Fitness Inc. is an organization dedicated to developing and providing training related to emergency response, survival in disasters, food preservation, and radio communications, among others. Our Organization has developed a programed named Integrated Eco Survival. Through this program we have developed different types of training focused on existential needs of our communities after impacts of natural disasters. Through training that is offered in 3 phases, we provide workshops that will create awareness, integration, preparation, and practice. This type of training will help ensure the survival and resilience of our community residents.

Through this communication we certify our commitment to work in collaboration with PathStone to fulfill objectives established for their application to the Environmental Justice Collaborative Problem-Solving Cooperative Agreement #EPA-R-OEJECR-OCS-23-01. This funding will meet an immediate need for the development of curricula that will target communities in Arecibo, Barceloneta, and Utuado, all having been heavily impacted by the most recent disasters. PathStone proposes to address Climate Change, Disaster Resiliency, Emergency Preparedness and will seek the opportunity to create and/or improve much needed emergency plans. PathStone will make an impact through training and activities that will empower community residents to be more involved in the decision making processes developed in preparation or recovery of disasters.

After the most recent disasters encountered in our island, we noticed the importance of empowering our communities with training and equipment that will guide them to respond correctly before, during and after a natural disaster.

Our organization is committed to assist PathStone in providing the required trainings so that, in the event of an emergency, they can survive and assist others to do so as well.



NON PROFIT 501c3 REGISTRO 420151 EIN 66-0862131

We have worked with PathStone and its different programs and are committed to this collaboration. We look forward to working together on this new opportunity.

Sincerely,

Juan Martínez Javier
President / CEO

April 5 , 2023

Abril 13, 2023

Mrs. Mileidy Soto
Director, Training & Employment
PathStone Corporation

Dear Mrs. Soto,

Conexión Laboral, Área Local Desarrollo Laboral Manatí Dorado/ American Job Center is pleased to provide this Letter of Commitment to collaborate with PathStone in their application to the Environmental Justice Collaborative Problem-Solving Cooperative Agreement #EPA-R-OEJECR-OCS-23-01, funded by the Environmental Protection Agency to deliver training that will address Climate Change, Disaster Resiliency, and Emergency Preparedness to the residents of Barceloneta, Arecibo, and Utuado.

Representing the Workforce System, and providing services to 8 municipalities through our Job Center, we will help by providing assistance with the coordination of services, orientations, activities, referral of individuals that reside in the attended municipalities and we may also provide additional services which include, career exploration, referral to supportive services, support of paid and/or unpaid work experience, OJT, internships, summer jobs, and unsubsidized full and part-time employment placement assistance. We will also collaborate in the development of training programs, provide valuable connections to employers with jobs and serve as a key source of local labor market information. We will seek opportunities to provide a greater array of services for individuals through co-enrollment.

We have worked with PathStone and its different programs since 2007 and are committed to this collaboration. We look forward to working together on this new opportunity.

Sincerely,



Yamilette Ramos De La Cruz
Official Ejecutive
Conexión Laboral Manatí-Dorado

CONEXIÓN LABORAL
ÁREA LOCAL NORTE CENTRAL

Samaris A. Tejada Cruz
Directora Ejecutiva | Ex. 6 Personal Privacy (PP)

March 30, 2023

Dear Reviewers:

This letter demonstrates our commitment to collaboration with PathStone, a national/multi-state 501(c) 3 non-profit organization, in response to opportunity Number: #EPA-R-OEJECR-OCS-23-01, FY23 Environmental Justice Collaborative Problem-Solving Cooperative Agreement, to be funded by the Environmental Protection Agency.

The project, entitled "Environmental Justice Collaborative Problem-Solving Cooperative Agreement" will address Climate Change, Disaster Resiliency, and Emergency Preparedness. These outcomes will be achieved in part through the integration of evidence-based activities, delivering integrated skills and training.

The targeted communities are Arecibo, Utuado, and Barceloneta.

We may assist PathStone to provide and/or coordinate supportive services and related assistance, orientation activities, training services, and training space. In representation of the workforce system, we may also assist in the coordination of workforce services, which may include assistance with resume writing, career exploration, support of paid and/or unpaid work experience, OJT, internships, summer jobs, apprenticeships, and unsubsidized full and part-time employment placement assistance. We will collaborate in the development of training programs, provide valuable connections to partners and employers and serve as a key source of local labor market information.

The Conexión Laboral-Área Local Norte Central hereby commits to identifying and referring eligible participants.

As partners, we will apply appropriate experience and/or resources to deliver the required project outcomes and to meet all EPA requirements.

We have worked with PathStone and its different programs since 2007 and are committed to this collaboration. We look forward to this opportunity for our communities.

Cordially,

Samaris Tejada Cruz
Executive Director

ED_016126_00001315-00018

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Samuel Suleiman

Address: PO BOX 22158

City: SAN JUAN

State: PR: Puerto Rico Zip Code: 00931-2158

B. Unique Entity Identifier (UEI): RFGBGXH1DKT3

C. Applicant/Recipient Point of Contact

Name: Samuel Suleiman

Phone: Ex. 6 Personal Privacy (PP)

Email: samuelsuleiman@sampr.org

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

none

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

none

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

none

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

n/a

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

n/a

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

n/a

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Isatis Marie Cintron Rodriguez	Executive Director	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: **Prefix:** Dr. **First Name:** Isatis **Middle Name:** Marie
Last Name: Cintron Rodriguez **Suffix:**
Title: Project Manager
Complete Address:
Street1: Ex. 6 Personal Privacy (PP)
Street2:
City: Edgewater **State:** NJ: New Jersey
Zip / Postal Code: 07020 **Country:** USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**
E-mail Address: isatis@sampr.org

Payee: *Individual authorized to accept payments.*

Name: **Prefix:** **First Name:** Samuel **Middle Name:**
Last Name: Suleiman **Suffix:**
Title:
Complete Address:
Street1: PO BOX 22158
Street2:
City: SAN JUAN **State:** PR: Puerto Rico
Zip / Postal Code: 00931-2158 **Country:** USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**
E-mail Address: samuelsuleiman@sampr.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: **Prefix:** **First Name:** Samuel **Middle Name:**
Last Name: Suleiman **Suffix:**
Title: Executive Director
Complete Address:
Street1: PO BOX 22158
Street2:
City: SAN JUAN **State:** PR: Puerto Rico
Zip / Postal Code: 00931-2158 **Country:** USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**
E-mail Address: samuelsuleiman@sampr.org

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: | First Name: Isatis | Middle Name:

Last Name: Cintron Rodriguez | Suffix:

Title: Project Manager

Complete Address:

Street1: Ex. 6 Personal Privacy (PP)

Street2:

City: Edgewater | State: NJ: New Jersey

Zip / Postal Code: 07020 | Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**

E-mail Address: Ex. 6 - Personal Privacy (PP)

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Sociedad Ambiente Marino

* b. Employer/Taxpayer Identification Number (EIN/TIN): 611417308

* c. UEI: RFGBGXH1DKT3

d. Address:

* Street1: PO BOX 22158
Street2:
* City: San Juan
County/Parish:
* State: PR: Puerto Rico
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 00931-2158

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Dr.
* First Name: Isatis
Middle Name: Marie
* Last Name: Cintron Rodriguez
Suffix:

Title: Project Manager

Organizational Affiliation:

* Telephone Number: Ex. 6 Personal Privacy (PP)
Fax Number:

* Email: Ex. 6 - Personal Privacy (PP)

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Puerto Rico Planning for Locally Led Adaptation

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: 116 | * b. Program/Project: 116

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 10/01/2023 | * b. End Date: 10/31/2025

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	500,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: | * First Name: Samuel

Middle Name:

* Last Name: Suleiman

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 Personal Privacy (PP) | Fax Number:

* Email: samuelsuleiman@sampr.org

* Signature of Authorized Representative: Isatis Marie Cintron Rodriguez | * Date Signed: 04/14/2023

PhvGEBdEek+5z+YOCnOBukIP/nA=

Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

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Dr.
Isatis
Marie
Cintron Rodriguez

Project Manager
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NJ: New Jersey
07020
USA: UNITED STATES

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Suleiman

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USA: UNITED STATES

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Cintron Rodriguez

Project Manager
Ex. 6 Personal Privacy (PP)
Edgewater

NJ: New Jersey
07020
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)

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1236-PlaLLA Budget Narrative.pdf
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1237-PlaLLA Logic Model.pdf
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1238-PlaLLA-CVs.pdf
application/pdf
pjnjyRYPjy4B4aQUuXUqEPXIVBU=

Samuel Suleiman
PO BOX 22158
SAN JUAN
PR: Puerto Rico
00931-2158

RFGBGXH1DKT3
Samuel Suleiman
Ex. 6 Personal Privacy (PP)
samuelsuleiman@sampr.org
Executive Director
N: No
none
none
none
N: No
n/a
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
n/a
n/a
Isatis Marie Cintron Rodriguez
Executive Director

2023-04-14

Application
New
2023-04-14
Sociedad Ambiente Marino
611417308
RFGBGXH1DKT3
PO BOX 22158
San Juan
PR: Puerto Rico
00931-2158
USA: UNITED STATES

Dr.
Isatis
Marie
Cintron Rodriguez

Project Manager
EX. 6 - Personal Privacy (PP)
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Puerto Rico Planning for Locally Led Adaptation
116
116
2023-10-01
2025-10-31
500000.00
0.00
0.00
0.00
0.00
0.00
500000.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Samuel
Suleiman

Executive Director
Ex. 6 Personal Privacy (PP)
samuelsuleiman@sampr.org
Isatis Marie Cintron Rodriguez
2023-04-14

PhvGEBdEek+5z+YOCnOBuklP/nA=
2023-04-14T21:28:30.000-04:00
Isatis Marie Cintron Rodriguez
GRANT13862017

Asociación de Residentes de La Margarita, Inc.
CD2 URB La Margarita
Salinas PR 00751

April 1, 2023

U.S. Environmental Protection Agency (EPA)
Office of Environmental Justice and External Civil Rights

RE: Subaward Agreement and Letter of Commitment and Support for
Environmental Justice Collaborative Problem-Solving (EJCPS)
Cooperative Agreement Program for Sociedad Ambiente Marino (SAM).

Dear EPA,

The La Margarita Resident Association is a community-based organization dedicated to holistically improve the social well being of adjacent communities through the defense and reinvigoration of the natural and cultural heritage, education, recreation, sporting, and endogenous sustainable development. Their work is based on the transformation of the excluded communities of the south east region of Puerto Rico. The community has been organizing for a long time but officially incorporated as a non-profit 501(c)(3) organization in 2020. We are pleased to agree to receive a sub-award from Sociedad Ambiente Marino (SAM) and serve as a key community partner in the Request for Applications (RFA) for the Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program submitted to the Environmental Protection Agency (EPA) by SAM.

Role: We are committed to working with SAM and other identified partners in the EJCPS application to advance the local vision and address the needs specified in the Request for Applications (RFA). This letter serves as a confirmation of our acceptance of an $8,000 sub-award to establish this partnership, as well as our agreement to play a key role in decision-making for the allocation of up to $57,000 for community direct community interventions. La Margarita Resident Association, a trusted organization with a proven track record in disaster recovery and climate adaptation, will provide support in community planning and community outreach to local neighborhoods in Salinas, as well as assist community stakeholders in developing an itemized budget for the $57,000. We have discussed the logistics of managing the $57,000 direct intervention budget with SAM, and SAM agrees that they will manage the funds but La Margarita Resident Association will play substantial role in facilitating a discussion with local stakeholders to direct how the allocation is used. Leveraging our existing relationships with community leaders and residents, we will work to create a comprehensive action plan and participate in a presentation to national community-based organizations.

Relationship to Applicant: La Margarita Resident Association has collaborated with Sociedad Ambiente Marino through the PR Citizen Assemblies partnership since 2021, including organizing stakeholder engagement and community meetings on climate justice and adaptation.

Interest in Environmental Issues and Relationship to Community: Puerto Rico's southeast coast has long been considered one of the island most contaminated regions. Toxic ash and noxious chemicals from coal-fired and thermoelectric power plants have impacted this community resulting in health problems ranging from cancer to Alzheimer's. As community-based organization, La Margarita Resident Association spearhead defense of natural environment, human health, exploration of alternative power sources such a solar community cooperative and infrastructure building to combat air pollution, flooding and disinvestment.

If SAM, is selected for participation in the program, La Margarita Resident Association will accept the sub-award and will be regularly engaging with SAM and other key partners of the Environmental Justice Collaborative Problem-Solving Agreement. This includes leading the community engagement and dissemination, and supporting the development of the Climate Community Plan. Moreover, the potential to participate in EJCPS meetings with key partners and stakeholders from our community.

We look forward to participating in the EJCPS to build local capacity in our organization and community to advance transformative environmental justice projects.

Thank you,



Wanda Rios
President
Asociación de Residentes de La Margarita, Inc

TALLER SALUD

April 13, 2023

U.S. Environmental Protection Agency (EPA)
Office of Environmental Justice and External Civil Rights

RE: Subaward Agreement and Letter of Commitment and Support for
Environmental Justice Collaborative Problem-Solving (EJCPS)
Cooperative Agreement Program for Sociedad Ambiente Marino (SAM).

Dear EPA,

Taller Salud is a community-based feminist organization dedicated to improving women's access to health care, to reducing violence in community settings and fostering economic growth through direct services, organizing and advocacy. Founded in 1979, Taller Salud is an independent, non-government based, non-profit 501(c)(3) organization. We are pleased to agree to receive a sub-award from Sociedad Ambiente Marino (SAM) and serve as a key community partner in the Request for Applications (RFA) for the Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program submitted to the Environmental Protection Agency (EPA) by SAM.

Role: We are committed to working with SAM and other identified partners in the EJCPS application to advance the local vision and address the needs specified in the Request for Applications (RFA). This letter confirms our acceptance of an $18,000 sub-award to establish this partnership, as well as our agreement to play a key role in decision-making for the allocation of up to $42,000 for community direct community interventions. Taller Salud, a trusted organization with a proven track record in disaster recovery and climate adaptation, will support community planning and outreach to local neighborhoods in Loíza and assist community stakeholders in developing an itemized budget for the $42,000. Leveraging our existing relationships with community leaders and residents, we will work to create a comprehensive action plan and participate in a presentation to national community-based organizations.

It is important to note that Taller Salud does not offer the same services to the general public as those outlined in the Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program submitted by SAM. Rather, Taller Salud has goals that align with those of SAM, and we are pleased to serve as a community partner in this initiative. We look forward to working with SAM toward achieving our shared goal of environmental justice. We have discussed the logistics of managing the award with the SAM, and they agree that Taller Salud will play a substantial role in directing how the award is carried out.

PO Box 524 Loíza, PR 00772-0524
Tels. Ex. 6 - Personal Privacy (PP) ◆ Ex. 6 - Personal Privacy (PP)
info@tallersaludpr.org ◆ www.tallersaludpr.org

TALLER SALUD

Relationship to Applicant: Taller Salud has collaborated with SAM and the project team on different initiatives since 2022, including organizing stakeholder engagement and community meetings on the issues of land use and climate adaptation, as well as on other research and engagement initiatives in urban and water governance, food security, climate adaptation, and disaster prevention and recovery.

Interest in Environmental Issues and Relationship to Community: As a feminist community-based organization, we are well aware that women are the backbone of rebuilding efforts in their communities. After Hurricane Irma and María, they strongly lead community efforts and mutual aid initiatives, even during the COVID-19 emergency. Since 2017, Taller Salud spearheaded disaster response and recovery efforts supporting women's work but also creating new spaces and opportunities for a more just and humane recovery. We also launched a Hurricane Relief Fund which has provided essential goods and drinking water to more than 10,000 families around the island to this day.

If SAM, is selected for participation in the program, Taller Salud will accept the sub-award and will be regularly engaging with SAM and other key partners of the Collaborative Problem-Solving Agreement. This includes the potential to participate in EJCPS meetings with the technical advisory panel and other key partners and stakeholders from our community.

We look forward to participating in the EJCPS to build local capacity in our organization and community to advance transformative environmental justice projects.

Thank you,

Tania Rosario-Mendez

Executive Director
Taller Salud, Inc.

PO Box 524 Loíza, PR 00772-0524
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info@tallersaludpr.org ◆ www.tallersaludpr.org

hispanicfederation

PUERTO RICO OFFICE
667 Calle La Paz
Suite 201
San Juan, Puerto Rico 00907
Phone: Ex. 6 - Personal Privacy (PP)

NATIONAL HEADQUARTERS
55 Exchange Place, 5th FL
New York, NY 10005
Phone: Ex. 6 - Personal Privacy (PP)
Hotline: Ex. 6 Personal Privacy (PP)

April 13, 2023

U.S. Environmental Protection Agency (EPA)
Office of Environmental Justice and External Civil Rights

RE: **Letter of Commitment and Support for Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program for Sociedad Ambiente Marino.**

Dear EPA,

The Hispanic Federation is pleased to be recognized as a key community partner in the Request for Applications (RFA) for the Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program submitted to the Environmental Protection Agency (EPA) by Sociedad Ambiente Marino (SAM).

We are committed to working with SAM and other community partners identified in the EJCPS application to advance the local vision and needs articulated in the RFA. However, we would like to emphasize that our collaboration with the communities we are working with through a participatory planning process will take place only with the consent of their community leadership and the program managers if the proposal would come to fruition, which we anticipate would be welcomed with arms wide open.

The Hispanic Federation can provide technical and planning support to the communities and local practitioners, access to communities already working on climate recovery plans, as well as help in building collaborative partnerships with other stakeholders to develop and support solutions to coastal adaptation issue(s) at the community level.

Regarding our relationship with SAM, the Hispanic Federation looks forward to collaborating with SAM and the project team to advance coastal and marine ecosystem community engagement. As for our relationship with the community, we are committed to working with them closely to ensure their needs are being met.

If SAM is selected for participation in the program, Hispanic Federation commits to regularly engaging with SAM and other key partners of the Environmental Justice Collaborative Problem-Solving Agreement. This includes supporting the local government and stakeholder training modules and sessions and the potential to participate in EJCPS meetings with the core group and other key partners and stakeholders from our community.

We are eager to participate in the EJCPS to build local capacity in our organization and community to advance transformative environmental justice projects.

Thank you,

David J. Carrasquillo

Plan. David J. Carrasquillo-Medrano, PPL
Planning & Community Development Manager
dcarrasquillo@hispanicfederation.org

ED_016126_00001327-00005

April 1, 2023

U.S. Environmental Protection Agency (EPA)
Office of Environmental Justice and External Civil Rights

RE: Letter of Commitment and Support for Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program for Sociedad Ambiente Marino.

Dear EPA,

The Interdisciplinary Center for Coastal Studies (CIEL) is a research center attached to the Department of Social Sciences of the Faculty of Arts and Sciences of the University of Puerto Rico Mayagüez Campus. Based on interdisciplinary study and applied research, CIEL researches, educates, and disseminates information about coastal social processes, emphasizing the relationship between humans, society, and the environment. CIEL is also a place of work, research, and training for undergraduate and graduate students from various disciplines. We are happy to be listed as a key community partner in the Request for Applications (RFA) for the Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program submitted to the Environmental Protection Agency (EPA) by Sociedad Ambiente Marino (SAM).

Role: We are committed to working with SAM and other community partners identified in the EJCPS application to advance the local vision and needs articulated in the Request for Applications (RFA). Climate Trace will lead the facilitation and coordination of Regional Climate Assemblies, and supporting the co-design of participatory decision-making processes in the communities for the development of Community Climate Plans.

Relationship to Applicant: SAM and Climate Trace PR have worked directly for over 5 years on climate and ocean governance topics. Climate Trace PR looks forward to collaborating with SAM and the project team to advance coastal and marine ecosystem community engagement.

Relationship to Community: Climate Trace PR has a long trajectory of research and community engagement with disadvantaged communities. We have sustained, working relations with multiple stakeholder groups across Puerto Rico, including those in Culebra and Salinas.

If SAM is selected for participation in the program, Climate Trace PR commits to regularly engaging with SAM and other key partners of the Environmental Justice Collaborative Problem-Solving Agreement. This includes supporting the local government and stakeholder training modules and sessions and the potential to participate in EJCPS meetings with the Community Core Group and other key partners and stakeholders from our community.

We look forward to participating in the EJCPS to build local capacity in our organization and community to advance transformative environmental justice projects.

Thank you,

Isatis M Cintron Rodriguez
Executive Director
Climate Trace

April 13, 2023

U.S. Environmental Protection Agency (EPA)
Office of Environmental Justice and External Civil Rights

RE: Letter of Commitment and Support for Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program for Sociedad Ambiente Marino.

URBANA PLANIFICA

Dear EPA,

Urbana Planifica is a digital platform and a nonprofit organization dedicated to making planning information, activities, and/or environments sensible, meaningful, and usable for as many people as possible. We collaborate with nonprofit organizations and community groups on three main areas: (1) planning education and access to public information, (2) network-building between local communities and advocacy and community development organizations, and (3) community-based plan-making. We are happy to be listed as a key community partner in the Request for Applications (RFA) for the Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program submitted to the Environmental Protection Agency (EPA) by Sociedad Ambiente Marino (SAM).

Role: We are committed to working with SAM and other community partners identified in the EJCPS application to advance the local vision and needs articulated in the Request for Applications (RFA). Urbana Planifica can provide a range of technical and planning support, including support for research and engagement and digital communications, as well as helping in building collaborative partnerships with other stakeholders to develop community climate adaptation plans.

Relationship to Applicant: Urbana Planifica has been following the work of SAM on the conservation and restoration of marine resources in Puerto Rico. Urbana Planifica also shares SAM's interest in research and education and on making information accessible to different stakeholder groups. Urbana Planifica looks forward to collaborating with SAM and the project team to advance environmental and climate justice in community climate adaptation planning.

Relationship to Community: Urbana Planifica has a trajectory of supporting communities in their planning efforts and research needs. We also have experience organizing planning events such as community meetings, stakeholder convenings, and workshops, among others. Additionally, we have an ongoing, working relationship with community groups and organizations in Loíza, Puerto Rico.

If SAM is selected for participation in the program, Urbana Planifica commits to regularly engaging with SAM and other key partners of the EJCPS Agreement. This includes supporting the local government and stakeholder training modules and sessions and the potential to participate in EJCPS meetings with the core group and other key partners and stakeholders from our community.

We look forward to participating in the EJCPS and helping advance environmental and climate justice in community climate adaptation planning.

Thank you,

Ariam L. Torres Cordero
Executive Director
Urbana Planifica

Universidad de Puerto Rico
Recinto Universitario de Mayagüez
Departamento de Ciencias Sociales
Call Box 9000
Mayagüez, PR 00681

University of Puerto Rico
Mayagüez Campus
Social Sciences Department
Call Box 9000
Mayagüez, PR 00681

CENTRO INTERDISCIPLINARIO DE ESTUDIOS DEL LITORAL

April 13, 2023

U.S. Environmental Protection Agency (EPA)
Office of Environmental Justice and External Civil Rights

RE: Letter of Commitment and Support for Environmental Justice
Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program for Sociedad Ambiente Marino.

Dear colleagues:

The Interdisciplinary Center for Coastal Studies (CIEL) is a research center from the Department of Social Sciences at the ofCollege of Arts and Sciences. Based on interdisciplinary and applied research, CIEL engages in research, education, mentoring, and the dissemination of information on the complex coastal social processes, emphasizing the relationship between humans and nature. , society, and the environment. CIEL is also a place of work, research, and training for undergraduate and graduate students from various disciplines, such as Marine Sciences, Biology, Social Sciences, and Planning, among others. We are happy to be listed as a key community partner in the Request for Applications (RFA) for the Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program submitted to the Environmental Protection Agency (EPA) by Sociedad Ambiente Marino (SAM).

Role: We are committed to working with SAM and other community partners identified in the EJCPS application to advance the local vision and needs articulated in the Request for Applications (RFA). CIEL can provide a range of technical and planning support, including support for research and engagement, as well as helping in building collaborative partnerships with other stakeholders to develop solutions to coastal adaptation issue(s) at the community level.

Relationship to Applicant: SAM and CIEL have collaborated in the past, through the UPR Sea Grant Program, to develop coastal ecosystems and coral island-wide reports. CIEL looks forward to collaborating with SAM and the project team to advance coastal and marine ecosystem community engagement.

Relationship to Community: CIEL has a trajectory of doing research and community engagement with coastal communities, including but not limited to coastal fishers in Puerto Rico. We have a sustained working relationship with multiple fishers' groups across Puerto Rico, including those in Culebra and Loíza. We also have a lengthy experience involving stakeholders in the conservation of coastal ecosystems, and have a track record in working with them in the development of management plans for Marine Protected Areas, including Culebra.

If SAM is selected to participate in the program, CIEL commits to regularly engage with SAM and other key partners of the Environmental Justice Collaborative Problem-Solving Agreement. This includes supporting the local government and stakeholder training modules and sessions and the potential to participate in EJCPS meetings with the core group and other key partners and stakeholders from our community.

We look forward to participating in the EJCPS to build local capacity in our organization and community to advance transformative environmental justice projects.

Thanks for your attention to this matter.

Manuel Valdés-Pizzini PhD
Researcher and Coordinator

Ex. 6 Personal Privacy (PP)

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Ex. 6 - Personal Privacy (PP)

Profile

Energetic, creative climate scientist with proven success in supporting community capacity building, science policy, research and program management. Skilled in strategic planning, partnership development, civic diplomacy, participatory and human rights-based decision-making, science communication, climate education, data analysis, international relations, policy analysis, community outreach, coalition building

Education Background

2014-2023

- Rutgers University
- Ph.D. degree in Environmental Sciences | Air Pollution Science and Technology

2008-2014

- University of Puerto Rico, Rio Piedras Campus
- Bachelor degree in Science | Environmental Science & Chemistry

Awards

- NSF Graduate Research Fellowship Program (2016)
- MBRS Rise Scholar. Research assistantships for undergraduate students (2012- 2014)

Working Experience

Climate Justice Postdoctoral Fellow (2022-present)

- **Columbia University**
- Research on source attribution, loss and damage co-creation research, and participatory decision-making ecosystem. Support ecosystem valuation and carbon sequestration for corals in Puerto Rico with Sociedad Ambiente Marino. Support and advance research and engagement initiatives for the Environmental Justice and Climate Justice Network focusing on climate governance.

,Director (2020-present)

- **ACE Observatory**
- Strategic consultancy to strengthen the institutional capacity to incorporate ACE in the National Plans.
- In-depth analysis of champions NDC, national plans, and strategies related to climate change.
- Manage internal and external partnerships

ACE Framework, Consultant (2020-2022)

- **US ACE Focal Point to the United Nations at NOAA**
- Mobilized national community of practice and led knowledge management for the network. Highlighted sector best practices via monthly newsletter, organized action learning workshops, and on-line forums.
- Develop strategic direction, political strategy and manage internal and external partnerships.

- Design and deploy multi-level engagement for increasing ACE implementation in United States through the development of a framework to guide the establishment of an ACE National Strategy.

Steering Committee – Acting Latin America Liaison (2018-present)

- **UN Education Communication Outreach Stakeholder community**
- Senior partnership development and engagement, management and design of engagement
- strategies for civil society, scientist and policymakers around the world.
- Provide expert advice on programmatic and policy issues related to public participation, education,
- access to information and climate science.

Latin America & Caribbean Manager and Board Member (2015-present)

- Citizens Climate International
- Skills: Team Leader. Strategic consultancy. International relationship manager with the Latino Community. Expanding the civic engagement space in the international level, especially in the UNFCCC process. Advising and mentoring internship program. Development of media plans.

Climate Ready Estuaries Program Consultant (2014)

- **San Juan Bay Estuary**
- Convened stakeholder consultations, incorporated relevant input and helped finalized a Citizen Guide for Watershed Climate Change Mitigation and Adaptation.
- Managed campaign and community relationships.
- Planned and deployed workshop on the Estuary Conservation Programs.

Director (2012-2014)

- **Latino Climate Action Network, El Puente**
- Helped establish and coordinated the first island-wide network of experts in local, regional and global climate justice and governance from a 10 member into a 300 member network representing different sectors on the island.
- Provide technical advice and collaboration in local climate change, sustainability and land development policies to executive management, public sector agencies, and community.
- Communicate climate-related issues and facilitate community empowerment from a multi-sectorial approach through partnerships and team building.
- Work closely with Advisory Board to establish performance milestones, budget, and monitor progress.

Ex. 6 Personal Privacy (PP)

601 W 125th St, New York, NY 10027
Mobile: Ex. 6 - Personal Privacy (PP) | Email: Ex. 6 - Personal Privacy (PP)

EDUCATION

PhD Regional Planning, University of Illinois, Urbana-Champaign 2022

MP Planning, University of Puerto Rico, Río Piedras 2016

BA Economics, University of Puerto Rico, Mayagüez 2013

ACADEMIC APPOINTMENTS

Postdoctoral Research Scholar, Columbia University 2023
- Support and advance research and engagement initiatives in urban and water governance, climate adaptation, and disaster prevention and recovery.

Project Manager, Social Vulnerability and Resilience (SOLVER) Research Lab 2022
University of Pittsburgh – funded by NCAR, sponsored by NSF
- Lead qualitative field research with municipal Coordinate qualitative research on social vulnerability, resilience, and public health; supervise undergraduate and graduate students

Visiting Professor, University of Puerto Rico 2020 - 2021
- Taught undergraduate courses in the College of General Studies
- Taught multiple courses in the Graduate School of Planning, including Planning History and Theory, Plan Making, Community and Economic Development Policy, and Planning and Disaster Recovery.

Research Fellow, City University of New York (CUNY) 2019 - 2020
- Conducted case study research on disaster recovery policies and planning processes; presented findings in professional and academic forums; and published a peer-reviewed article in the Centro Journal.

University of Illinois, Urbana-Champaign 2019 - 2020
Graduate Instructor, Department of Urban and Regional Planning
- Served as a graduate instructor in the following courses:
  - Transnational Community Resilience Workshop in Puerto Rico
  - Planning History and Theory

City University of New York, New York 2019 - 2021
Graduate Instructor, Hunter College (remote teaching)
- Served as an instructor in the following course:
  - CDBG-DR: Fondos y Acción para la Recuperación Post Desastre

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Ex. 6 Personal Privacy (PP)

601 W 125th St, New York, NY 10027
Mobile: Ex. 6 - Personal Privacy (PP) | Email: Ex. 6 - Personal Privacy (PP)

Research Assistant, Human Impacts on Coastal Ecosystem (HICE) Project 2014 - 2016
University of Puerto Rico, Río Piedras – funded by NASA
Advisor(s): Dr. Maritza Barreto & Dr. Luis Santiago

- Co-designed and implemented mixed-methods research, including surveys, interviews, and choice experiments for ecosystem service valuation.
- Presented at multiple academic forums, including the ACSP 55th Annual Conference.
- Published a peer-reviewed journal article in Environment and Natural Research and two conference proceedings.

PROFESSIONAL EXPERIENCE

Co-founder + Executive Director, Urbana Planifica Inc. 2020 - present

- Provide community planning support to community-based and nonprofit organizations; develop research and engagement activities on issues of urban planning, environmental governance, disaster recovery, and climate adaptation; coordinate a wide range of digital communication initiatives.

Planning Consultant 2021 – 2022

- Conduct research and policy analysis for the Coastal Hazards Adaptation Areas project; commissioned by the Department of Natural and Environmental Resources.
- Developed research briefings about informal housing and community settlements for a community planning project; commissioned by El Enjambre.

GIS System Analyst, Apple, Inc. 2016 - 2017

- Collaborated with other analysts and developers to complete complex GIS analysis projects; inspected, validated, and edited map data; communicated detailed analyses and recommendations to a high-level audience for decision-making purposes.

Policy Planner, Senate of Puerto Rico 2015 - 2016

- Drafted technical reports and senate bills; produced state-wide databases of public schools, hospitals, food banks, and public agencies; and developed policy research projects regarding health care, food waste management, transportation, and spatial analyses.

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Ex. 6 Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP) | Ex. 6 Personal Privacy (PP) @mujeresdeislas.org

EDUCATION

M.Sc. | **Oregon State University** | Marine Resource Management | 2019 – 2021
- Thesis: Cooperative network arrangements of small-scale fisheries in Puerto Rico

B.Sc. | **University of Puerto Rico** | Environmental Science | 2012 – 2017
- Undergrad-thesis: Socio-ecological vulnerability assessment of shallow coral reefs

PROFESSIONAL EXPERIENCE

Mujeres de Islas Inc. | Culebra, PR 10/2021 – Present
Marine social scientist
- Research the viability of collective action for Culebra's fisheries and mariculture enterprises.
- Lead the implementation of the island's food security action plan through the technical assistance of the EPA's Local Food Local Places Program.

Socio-environmental Analysis Lab (SeaLab) | Puerto Rico & Oregon 08/2019 – 09/2021
Graduate Fellow
- Modelled drivers of conflict and cooperation in the artisanal fisheries.
- Analyzed the self-governance strategies of fisherfolk through social networks.

Sociedad Ambiento Marino Inc. | Culebra, PR 09/2017 – 07/2019
Research Technician
- Restored reefs with endangered corals to enhance ecosystem functions.
- Performed geospatial analysis of seagrass and coral reef ecosystems.
- Monitored water quality, meteorology, and hydro-acoustics.
- Coordinated an educational outreach program for a marine protected area.

SELECTED PUBLICATIONS

- Redacted (2022). Social cohesion and self-governance arrangements in small-scale fisheries. *Frontiers in Marine Science*. In Press.
- Redacted (2020). Benthic community analysis of shallow coral reefs to support coastal management in Culebra Island, Puerto Rico. *PeerJ*. 8:e10080 https://doi.org/10.7717/peerj.10080
- Redacted Redacted (2020). Hurricane Impacts and the Resilience of the Invasive Sea Vine, *Halophila stipulacea*: A Case Study from Puerto Rico. *Estuaries and Coasts*. https://doi.org/10.1007/s12237-019-00673-4

PROFESSIONAL TRAINING

2017 | Marine Resource Education Program - Caribbean Fishery Management Council
2020 | Advanced workshop on permutational ANOVA with PRIMER-E software
2022 | Resilient Small-scale Fisheries Leadership Accelerator. Acumen Academy.

CERTIFICATIONS

2020 | Social and Behavioral Responsible Conduct of Research

Ex. 6 Personal Privacy (PP)

PO BOX 2299, Canóvans, PR 00729

Ex. 6 - Personal Privacy (PP)

Ex. 6 - Personal Privacy (PP)

EXPERIENCIAS

El Puente - ELAC, San Juan, P.R. — *Coordinadora de encuentros comunitarios*

febrero 2022 - PRESENT

Segunda fase de un proyecto de investigación y acción sobre deterioro ambiental en Puerto Rico y sus ramificaciones socio-políticas. Además de asistir en el proceso de investigación, mi rol es servir de enlace con comunidades y organizaciones ambientales que estén interesadas en discutir el tema con mayor profundidad y organizarse a partir de ese interés común.

Climate Trace, San Juan, PR. — *Coordinadora de Enlace Comunitario*

agosto 2021 - presente

Co-coordinadora y facilitadora de la "Asamblea Ciudadana por el Clima", una serie de encuentros con organizaciones ambientales y comunidades alrededor de Puerto Rico para diseñar y proponer una estrategia nacional de cambio climático.

Laboratorio de Limnología Tropical, UPRRP— *Asistente de investigación*

agosto 2015 - mayo 2021

Mis tareas como parte del laboratorio incluyeron llevar experiencias educativas y de investigación a estudiantes en edad escolar; además de dar recorridos guiados por las facilidades y servir de mentora a estudiantes subgraduados.

DESTREZAS

Excelentes destrezas de comunicación verbal y escrita.

Dinamismo y alta ética de trabajo individual y en grupo.

Sobre 10 años de experiencia llevando experiencias educativas a grupos.

Pasión por la naturaleza y por compartir sus maravillas con otros.

CERTIFICACIONES

Certificación como Intérprete Ambiental (NAI) - aprobada con un 95%

IDIOMAS

Español e inglés (verbal y escrito)

EDUCACION

Universidad de Puerto Rico, Río Piedras— *Doctorado en Ciencias Ambientales*

Enero 2020 - presente

Universidad de Puerto Rico, Río Piedras— *Bachillerato en Ciencias Ambientales con segunda concentración en Geografía*

2008 - 2015

PROYECTOS

ACE Assessment Framework — *enero a mayo 2022*

La primera fase del proyecto consistió en realizar una serie de consultas internacionales (abril - mayo 2022) a líderes comunitarios, organizaciones civiles y funcionarios de gobierno sobre lo que es acción por el empoderamiento climático (ACE en inglés) y cómo debería implementarse y evaluarse en sus países. Las consultas nutrieron el desarrollo de la guía "ACE Assessment Framework: Articulating People Centered Climate Action", la cual se presentó en la Conferencia de Cambio Climático de las Naciones Unidas en junio de 2022 en Bonn, Alemania.

"Human Impact on Coastal Ecosystems in Puerto Rico" (HICE-PR) — *2015 a 2018*

El proyecto, que pretendía estudiar la relación entre las actividades humanas a lo largo de una cuenca y los impactos en la zona costera, incluyó la facilitación de reuniones con comunidades y partes interesadas a lo largo de las dos zonas estudiadas.

REFERENCIAS

Ex. 6 Personal Privacy (PP)
Director, Laboratorio de Limnología Tropical, UPRRP
Ex. 6 - Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)
Directora, Climate Trace PR
Ex. 6 - Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

♦ PO Box 22158 San Juan PR 00931 ● Ex. 6 Personal Privacy (PP) @sampr.org ● Ex. 6 - Personal Privacy (PP) ♦

EXPERIENCE

1999 - Present ● Sociedad Ambiente Marino ● *Founder, Executive Director*

- Project administrator (point of contact with agencies, budget, logistics, personnel, field work)
- Successfully submitted proposals for projects and community services. Administrate budget
- Train and coordinate volunteer for the activities related to the conservation of marine environment

1990-2020 ● University of Puerto Rico, San Juan, PR ● *Educational Production Director*

- Director and coordinator audiovisuals, graphics, reproductions services and activities
- Evaluate, select, and contract personnel to perform audiovisuals, graphics, and reproductions services
- Train personnel in the use and performance of the software, computer, network, and technology

CORAL RESTORATION EXPERIENCE

- 2000 - present - Director of *Hope for the Reef* Coral Propagation Methods and Reef Rehabilitation Program
- 2010 - Instructor, Dominican Republic, Punta Cana *Acropora* Farms – Fundación Ecológica Punta Cana

GRANTS MANAGEMENT EXPERIENCE

- **2003-present** Grants budget supervision and partitioning; Administrative and technical reporting; Personnel supervision (e.g., technical staff, graduate/undergraduate students, NGO staff and volunteers); Project's planning and phasing; Goals compliance; Inter-agency meetings, coordination, and environmental compliance

RECENT ACTIVITIES FOR THE CONSERVATION OF MARINE ENVIRONMENT

2020 - **NFWF -** Restoring the three-dimensional structure of coral reefs **+ NOAA** NA20NMF4630303 + NA20NOS4820136
2019 - **NOAA, HFA -** Restoring coral reef **+ Hispanic Federation + Mercy Corps –** Coral Nurseries Recovery (CNR)
2018 - **Ports Authority –** Environmental Compliance **+ Hispanic Federations –** CNR
2017 - **NOAA, Habitat Blueprint -** coral reef habitats restoration
2016 - **National Fish and Wildlife Foundation –** Actual status and trends of Endangered Species Act
2015 - **Sea Grant –** Ecosystem-level impacts of community-based coral reef.
2013 - **Authority for Financing of Infrastructure + Ferrovial Agroman -** Marine invertebrate outplanting and relocation
2011 - **NOAA, Restoration Center/TNC –** Expansion of Low-Tech Coral Aquaculture

EDUCATION

- University of Phoenix, Guaynabo, PR - **M.B.A., Technology Management**
- University of Puerto Rico, San Juan, PR - **B.A., Secondary Education, Mayor: Biology**; Minors: Generals Sciences, Education in Technology, Psychology, Recreation and Military Sciences.

CERTIFICATIONS

- **2022** Six Sigma, Project Management, Program Management
- **2000** Fish survey instructor, REEF + RECON instructor, The Ocean Conservancy
- **1994** PADI Open Water SCUBA Instructor, (OWSI)
- **1985** Auxiliary Emergency Medical Technician, University of Puerto Rico, Medical Science Campus
- **1976** Coast Guard Auxiliary Boat Certification

AWARDS & RECOGNITIONS

- **2009 and 2015** Coral Reef Task Force Award
- **2005** Environmental Quality Award – EPA

PUBLICATIONS

Ex. 6 Personal Privacy (PP)

Six priorities to advance the science and practice of coral reef restoration worldwide. https://doi.org/10.1111/rec.13498

Ex. 6 Personal Privacy (PP)

restoration efforts in Latin American countries and territories. *bioRxiv* https://doi.org/10.1101/2020.02.16.950998

Ex. 6 Personal Privacy (PP). 2020. Hurricane impacts and the resilience of invasive sea vine, *Halophila stipulacea*: A case study from Puerto Rico. *Estuaries and Coasts* https://doi.org/10.1007/s12237-019-00673-4. 1-21.

Ex. 6 Personal Privacy (PP). 2019. Spread of the new coral disease "SCTLD" into the Caribbean: implications for Puerto Rico. *Reef Encounter* 34(1):38-43.

Ex. 6 Personal Privacy (PP). 2018. Devastation of 15-year old community based on coral farming and reef restoration sites in Puerto Rico by major Hurricanes Irma and María. *Caribb. Naturalist* 53:1-6.

Ex. 6 Personal Privacy (PP) 2018. Multi-disciplinary lessons learned from low-tech coral farming and reef rehabilitation practices. I. Best management practices. 213-243. In, Duque, C., & E. Tello (Eds.), *Corals in a Changing World*, InTech Publ. ISBN 978-953-51-3910-0.

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: The Bronx is Blooming

Address: Ex. 6 Personal Privacy (PP)

City: Bronx

State: NY: New York Zip Code: 10451

B. Unique Entity Identifier (UEI): X4MYE8H3B4B9

C. Applicant/Recipient Point of Contact

Name: Jennifer Beaugrand

Phone: Ex. 6 Personal Privacy (PP)

Email: jenn@bronxisblooming.org

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

None

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII.	**Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)**	☒ Yes	☐ No
	a. Do the methods of notice accommodate those with impaired vision or hearing?	☐ Yes	☒ No
	b. Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?	☒ Yes	☐ No
	c. Does the notice identify a designated civil rights coordinator?	☐ Yes	☒ No
VIII.	**Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))**	☐ Yes	☒ No
IX.	**Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))**	☐ Yes	☒ No

X. If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.

NA

XI. If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.

NA

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Jennifer Beaugrand	Executive Director	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Ms. First Name: Jennifer Middle Name:
Last Name: Beaugrand Suffix:
Title: Executive Director
Complete Address:
Street1: Ex. 6 Personal Privacy (PP)
Street2:
City: Bronx State: NY: New York
Zip / Postal Code: 10451 Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**
E-mail Address: jenn@bronxisblooming.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: Ms. First Name: Jennifer Middle Name:
Last Name: Beaugrand Suffix:
Title: Executive Director
Complete Address:
Street1: Ex. 6 Personal Privacy (PP)
Street2:
City: Bronx State: NY: New York
Zip / Postal Code: 10451 Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**
E-mail Address: jenn@bronxisblooming.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: Ms. First Name: Jennifer Middle Name:
Last Name: Beaugrand Suffix:
Title: Executive Director
Complete Address:
Street1: Ex. 6 Personal Privacy (PP)
Street2:
City: Bronx State: NY: New York
Zip / Postal Code: 10451 Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**
E-mail Address: jenn@bronxisblooming.org

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: Mr. First Name: Henry Middle Name:

Last Name: Jorden Suffix:

Title: PLACE Program Manager

Complete Address:

Street1: Ex. 6 Personal Privacy (PP)

Street2:

City: Bronx State: NY: New York

Zip / Postal Code: 10451 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: henry@bronxisblooming.org

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier: The Bronx is Blooming

5a. Federal Entity Identifier: 46-3141885

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: The Bronx is Blooming, Inc.

* b. Employer/Taxpayer Identification Number (EIN/TIN): 46-3141885

* c. UEI: X4MYE8H3B4B9

d. Address:

* Street1: **Ex. 6 Personal Privacy (PP)**
Street2:
* City: Bronx
County/Parish: Bronx
* State: NY: New York
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 10451-2633

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Jennifer
Middle Name:
* Last Name: Beaugrand
Suffix:

Title: Executive Director

Organizational Affiliation:

* Telephone Number: **Redacted**
Fax Number:

* Email: jenn@bronxisblooming.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

1235-Project Location.pdf | Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Program for Leaders Advancing their Community's Environment (PLACE): Partnership Building for Program Expansion and Urban Forestry Workforce Development in Frontline Communities

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: 15

* b. Program/Project: 13, 14

Attach an additional list of Program/Project Congressional Districts if needed.

1236-Bronx Congressional Districts.pdf | Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023

* b. End Date: 10/31/2026

18. Estimated Funding ($):

* a. Federal	150,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	150,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Ms. * First Name: Jennifer

Middle Name:

* Last Name: Beaugrand

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 Personal Privacy (PP) Fax Number:

* Email: jenn@bronxisblooming.org

* Signature of Authorized Representative: Jennifer Beaugrand * Date Signed: 04/14/2023

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

The-Bronx-is-Blooming-EJCPS

The Bronx is Blooming
Ex. 6 Personal Privacy (PP)
Bronx
NY: New York
10451

X4MYE8H3B4B9
Jennifer Beaugrand
Ex. 6 Personal Privacy (PP)
jenn@bronxisblooming.org
Executive Director
N: No
None
None
None
N: No
Y: Yes
N: No
Y: Yes
N: No
N: No
N: No
NA
NA
Jennifer Beaugrand
Executive Director
2023-04-14

1234-The Bronx is Blooming EPA EJCPS Program Required Attachments.pdf
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Ms.
Jennifer
Beaugrand

Executive Director
Ex. 6 Personal Privacy (PP)

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NY: New York
10451
USA: UNITED STATES

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10451
USA: UNITED STATES

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jenn@bronxisblooming.org

Mr.
Henry
Jorden

PLACE Program Manager
Ex. 6 Personal Privacy (PP)
Bronx
NY: New York
10451
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
henry@bronxisblooming.org

Application
New
2023-04-14
The Bronx is Blooming
46-3141885
The Bronx is Blooming, Inc.
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Ex. 6 Personal Privacy (PP)
Bronx
Bronx
NY: New York
10451-2633
USA: UNITED STATES

Jennifer
Beaugrand

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jenn@bronxisblooming.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
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66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
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Program for Leaders Advancing their Community's Environment (PLACE): Partnership Building for Program Expansion and Urban Forestry Workforce Development in Frontline Communities
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150000.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Ms.

Jennifer
Beaugrand

Executive Director
Ex. 6 Personal Privacy (PP)
jenn@bronxisblooming.org
Jennifer Beaugrand
2023-04-14

1237-The Bronx is Blooming EPA EJCPS Program Work Program.pdf
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1238-The Bronx is Blooming EPA EJCPS Program Required Attachments.pdf
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Jennifer Beaugrand
GRANT13862024

US EPA Environmental Justice Collaborative Problem-Solving Program
Project Work Plan - Narrative

1.0 PROGRAM OBJECTIVES

a. Project Summary Page

Project Title: Program for Leaders Advancing their Community's Environment (PLACE): Partnership Building for Program Expansion and Urban Forestry Workforce Development in Frontline Communities
Project Location: Bronx, New York (Various Locations)
Applicant Information: Jennifer Beaugrand, Executive Director, The Bronx is Blooming, jenn@thebronxisblooming.org, Ex. 6 Personal Privacy (PP) Bronx, NY, 10451

Brief Description of Applicant Organization: The Bronx is Blooming works to improve environmental health, build community, and increase youth employment in neighborhoods whose residents suffer NYC's highest environmental and public health burdens, and highest rates of poverty. Our mission is to grow and support a culture of environmental stewardship in The Bronx. We accomplish this through programs that engage community members in the restoration of park ecosystems to support local environmental and public health: PLACE employs and trains local youth to lead communities in the care of their parks, while GREEN provides civic groups, schools, and volunteer groups with hands-on environmental education and stewardship workshops.

Small CBO Set Aside Track: Yes. Employee roster is included in the attachments.

Project Abstract: The Bronx is Blooming's Program for Leaders Advancing their Community's Environment (PLACE) hires local college students to mentor and train Bronx youth to then lead groups of volunteers in park revitalization projects. Our unique train-the-trainer model flips the mentor structure usually seen in under-resourced communities. In addition to seasonal employment, participants receive training in leadership and horticulture skills, environmental education, exposure to higher education and green vocational jobs, and professional development support. Through new partnerships, we will scale PLACE to engage more than 300 students to lead 3,000 volunteers in the stewardship of 3,000 trees, planting of 500 new trees and 3,000 native plants in 12 parks over the 3-year period.

To provide pathways to employment in the environmental sector for highly engaged students, this project will extend PLACE into the spring and fall bridge seasons, with a focus on advancing technical skills and providing critical maintenance during existing gaps in our program. Incorporating Citizen Pruner training and certification for 120 PLACE participants will help prepare these young people for environmental jobs while establishing a community of tree stewards in areas of the city that are most in need.

This project will promote environmental justice by building the capacity of chronically overburdened Bronx communities to address long-standing environmental harms and public health risks, especially those related to air quality, excessive heat, and park access. It leverages existing youth employment and workforce development programs and fosters new partnerships to make tangible improvements and increase climate resiliency.

ED_016126_00001340-00001

Project Type(s): Youth Development Relating to Environmental Justice, Environmental Job Training, Air Quality and Asthma, Heat Vulnerability
Special Considerations: Climate Change
Environmental Issues: Air, Heat, Park Access
List of Project Partners: Mosholu Montefiore Community Center (CBO), Roads 2 Success (CBO), Universal Activities Unlimited, Inc. (CBO), Trees New York (non-profit), The Nature Conservancy (non-profit).
QAPP: Not needed

b. Environmental and Public Health information of the Underserved Community

The Bronx is Blooming's Program for Leaders Advancing their Community's Environment (PLACE) currently operates in eight parks around The Bronx. PLACE serves Bronx college students, high school students, and other youth in the program, community members who participate as volunteers in revitalization projects, and the hundreds of thousands of Bronx residents who live in the surrounding neighborhoods and who use these parks.

According to the US Census, The Bronx is home to approximately 1.4 million people, 91% of whom identify as people of color and 26% of whom live in poverty, compared to 13% statewide. The borough's median household income is $43,726, compared to $70,663 in NYC as a whole. More than one quarter (27%) of adults in the Bronx have not completed high school, compared to 17% citywide, and just 28% have a college degree, compared to 45% citywide.

Bronx youth face the worst economic prospects in the country, based on the share of young adults unemployed, living at home with a parent, lacking a high school diploma, or living in poverty (Bloomberg). The COVID-19 pandemic has exacerbated economic issues for youth in The Bronx and NYC as a whole. Post-pandemic recovery of youth employment in the city lags behind national levels; remaining 8 percentage points lower than in 2019 compared to 0.4 points nationally (State Deputy Comptroller for the City of New York).

PLACE Students are hired through NYC's youth workforce development programs, which predominantly serve minority and low-income youth. A 2016 study found that 80-94% of participants identify as people of color and that as many as 77% were from families who are eligible for federal assistance (Youth Employment Task Force Report).

The Bronx's large, vulnerable population is disproportionately affected by a range of environmental harms that are exacerbated by climate change, especially air pollution and the urban heat island effect, and their associated health risks. In addition, many Bronx residents lack adequate access to well-maintained parks and green spaces, which are critical to maintaining physical health, mental well-being, and overall quality of life.

Due to industrial land uses, heavy truck traffic, and multiple highways resulting from decades of inequitable land use policies, Bronx neighborhoods suffer some of the worst levels of air pollution in the city. The Bronx is in or above the 90th percentile in the New York State for all Air Quality Environmental Justice Indices (Particulate Matter 2.5, Ozone, Diesel Particulate Matter, Air Toxics Cancer Risk, Air Toxics Respiratory HI) and in the 89th percentile for Traffic Proximity (EJScreen). The Bronx has more diesel truck traffic (Transform Don't Trash) and industrially zoned areas (Maantay) than any other borough. Morris Heights, located just

northwest of two parks where we work and adjacent to the Major Deegan and Cross Bronx Expressways, is the community with the highest exposure to vehicle pollution in the state, with PM2.5 levels 2.5 times higher than the average (Union of Concerned Scientists). Air pollution is one of the most critical environmental threats to urban populations; exposure to common air pollutants has been linked to respiratory and cardiovascular diseases, cancers, and premature deaths (NYC DOH), and also increases vulnerability to COVID-19 (Harvard).

The impacts of poor air quality on public health in The Bronx are well documented. At 34.9 per million, the age-adjusted asthma death rate in The Bronx is nearly three times the state average of 11.9 (NYS Health). According to the NYC Department of Health and Mental Hygiene (DOH), children living in The Bronx have been disproportionately affected by asthma for over a decade. In 2016, the asthma-related emergency department visit rate for Bronx children aged 5 to 17 was more than two times the rate of all other NYC boroughs combined. In the height of the pandemic, The Bronx's COVID-19 case rate was only 1% more than the citywide rate, but its death rate was 26% higher, reflecting the prevalence of pre-existing health conditions, such as high rates of asthma, obesity, and diabetes, as well as differences in access to health care.

The Bronx experiences higher temperatures and poorer air quality as a result of the Urban Heat Island effect. A study published in Environmental Health Perspectives found that The Bronx had the highest levels of heat-related morbidity and mortality of any NYC borough. Urban Heat Islands in New York City disproportionately affect Black and brown neighborhoods, a circumstance that has been tied to decades of disinvestment and historic policies such as redlining. Residents of these neighborhoods also tend to have much higher rates of obesity, asthma, and cardiovascular disease, increasing risks associated with extreme heat. According to the DOH, Black New Yorkers are twice as likely to die from heat exposure as white New Yorkers.

The neighborhoods in which we work face 'High' or 'Very High' risk of heatwaves according to the City's Heat Vulnerability Index (HVI). The HVI is an analysis of social and environmental factors that contribute to residents' risk of dying during and immediately following extreme heat, including surface temperature, green space, access to home air conditioning, and the percentage of residents who are low-income and/or non-Latino Black. The DOH reports that the differences in risk factors across neighborhoods are rooted in past and present racism.

While The Bronx has more parkland than any other borough, much of that land is consolidated in a few large parks in the north; in other areas of the borough, open space is limited to small parks and playgrounds that lack significant numbers of trees and other vegetation. Low-income neighborhoods are disproportionately impacted by a lack of adequately sized parks. Improving the stewardship and maintenance of parks in these neighborhoods is as critical as the construction of new parks in addressing issues of access and equity (NYC Green Fund Literature Review).

Bronx parks are severely underfunded: Manhattan parks receive 1.5 times more public funding and 90 times more private funding than Bronx parks (Building the Future of New York, Parks and Open Spaces). Central Park has dozens of full-time gardeners responsible for horticulture and upkeep. Soundview Park (where we hosted weekly stewardship events, planted nearly 1,000 plants and removed more than 500 wheelbarrows of debris in 2022), by contrast,

does not have a single gardener, despite being the largest park in the South Bronx and about ¼ the size of Central Park.

By combining youth development with community building and park revitalization, PLACE simultaneously addresses the socio-economic challenges facing Bronx youth and the environmental and public health harms faced by the broader community, while building the community's stewardship capacity.

PLACE hires young people from Bronx neighborhoods to lead volunteer groups in environmental restoration projects during the summer and school year youth employment program sessions. By working through NYC's workforce development programs, PLACE provides opportunities primarily for young people from disadvantaged backgrounds who often have limited access to other opportunities.

PLACE flips the mentor structure usually seen in under-resourced communities. Instead of bringing in outside volunteers to mentor "at-risk" youth, our train-the-trainer model prepares Bronx college students to mentor groups of Students and charges these Students with leading and educating groups of 15-150 volunteers in environmental service projects. Students are not beholden to successful professionals donating their time; instead, successful professionals see them as adept, knowledgeable leaders – the way they begin to see themselves.

In addition to seasonal employment, participants receive leadership training and learn about environmental justice and ecology. As they care for trees and native plants in community parks, they learn about environmental justice and how their work helps combat the effects of air pollution, the urban heat island, stormwater runoff and climate change, fostering an interest in and increasing community awareness of environmental issues.

PLACE Students gain exposure to higher education and preparation for green vocational jobs. In addition to receiving 1-on-1 mentorship, each PLACE Student participates in 2-3 college tours. Because college may not be the right option for every participant, we also prioritize technical skills and professional development for environmental jobs. By 2030, up to 60 million jobs could be created in the green economic sector. These tend to be higher-income positions, paying 10-20% more than similar jobs in other fields (Decent Jobs for Youth). The PLACE alumni program helps current and former participants take the next step toward careers in the environmental field, where their communities and backgrounds are underrepresented.

By helping young people achieve economic security, our work leads to more actively engaged citizens who are better able to address the needs of their communities. PLACE participants gain new skills and experiences that help them see their own potential to improve their local environment, enable them to connect with the natural areas in their city, and prepare them to succeed in future endeavors.

We approach community-driven environmental stewardship and park maintenance as an opportunity to reduce environmental harms that contribute to high asthma rates, elevated temperatures, and poor water quality in our overburdened communities, and to enhance local habitat and biodiversity. PLACE participants lead volunteers in environmentally beneficial projects that include tree stewardship, invasive species removal, and planting of native trees, shrubs and perennials that support pollinators. This work improves air quality, reduces the heat

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island effect, absorbs stormwater to decrease flooding and combined sewer overflows, and creates pockets of healthy habitat throughout the borough.

By planting hundreds of new trees and caring for over a thousand trees each year, PLACE teams create a denser, healthier canopy in Bronx parks, helping minimize the impact of air pollution on environmental and public health for generations to come. A mature tree absorbs more than 48 pounds of carbon dioxide each year (Arbor Day). Our work supports trees that absorb nearly 50,000 pounds of carbon dioxide each year from our community. Trees can also absorb between 7-24% of PM2.5 within roughly 100 meters (The Nature Conservancy).

In addition to increasing carbon absorption, tree planting and stewardship in our parks helps mitigate the increased heat vulnerability associated with climate change. Parks, especially those that are densely wooded, can help counter high urban temperatures that are exacerbated by heat-trapping buildings, pavement and concrete (Trust for Public Land). In addition to providing shade, trees cool the air temperature through evapotranspiration. According to the EPA, evapotranspiration can reduce temperatures by 2-9 degrees, depending on density. The cooling effect of parks with healthy tree canopies can extend into surrounding neighborhoods. One study detected reduced temperatures up to a half mile away (Trust for Public Land).

Through this project, we will expand PLACE to serve more youth and more community parks. We will strengthen existing and build new relationships with youth employment providers to grow recruitment from different areas around the borough, enabling us to bring on Students from communities close to our parks and to identify new potential park sites. We will extend PLACE into the bridge seasons (between the summer and school year programs) for highly engaged students with a strong interest in environmental careers. These Students will receive additional training, work with our Environmental Team to run park revitalization projects, and fill a critical maintenance gap in our program, ensuring the success of new trees and plants.

Through our partnership with Trees New York we will provide all PLACE Mentors and bridge season Students with Citizen Pruner training and certification, which is required to legally care for street trees. Certification will convey additional, marketable technical skills and the ability to help support the urban canopy in their underserved neighborhoods, this supports the *NYC Urban Forest Agenda* goal of expanding urban forestry career and leadership opportunities to advance equity, targeting communities that are underemployed and to those who live in areas most vulnerable to climate change effects.

By engaging community groups in environmental service projects and by maintaining a regular presence in our parks, PLACE also helps build broader community awareness and capacity to both care and advocate for parks, while fostering a sense of community. It unites community members through accessible environmental education and hands-on restoration that transforms peoples' ability to appreciate nature and engage with the world around them. We find a sense of belonging and security can be fostered as people create long-lasting connections between themselves, their neighbors, and the natural environment.

c. Organization's Historical Connection to the Underserved Community

Since its inception, The Bronx is Blooming has partnered with agencies including NYC Parks; Bronx community groups, including "friends of" park groups; environmental, youth

employment, and community development organizations, local schools, colleges, and universities; and other entities to engage the Bronx's diverse communities.

The Bronx is Blooming was founded in 2011 by Executive Director Jennifer Beaugrand, a native New Yorker and Bronx resident. While working in The Bronx, first at the NYC Department of Parks & Recreation (NYC Parks) as part of the Neighborhood Parks Initiative and then building a green youth leadership program at another local nonprofit, she was inspired by the capacity of the Bronx community to transform their parks. Collaborating with a team of institutional and community partners, she launched a new non-profit to catalyze borough-wide park revitalization through community-driven environmental stewardship.

Over the past 12 years, The Bronx is Blooming has engaged more than 20,000 volunteers in park revitalization projects at 20 Bronx community parks and green spaces. Our staff, students, and volunteers have planted more than 18,000 native plants and stewarded more nearly 16,000 trees. In 2022 alone, our teams held more than 80 events, added more than 400 new native trees, and completed 20,000 hours of service - the equivalent of more than 10 park staff members working full time.

The Program for Leaders Advancing their Communities Environment (PLACE) summer youth development program was launched in 2013, when the first group of Mentors and Students were hired through the NYC Summer Youth Employment Program and Mosholu Montefiore Community Center to lead volunteers in caring for community parks. **To date, the PLACE summer program has provided seasonal employment, leadership and horticulture training, exposure to higher education, and professional development for more than 350 Bronx high school and college students.**

Last year, we leveraged new partnerships with youth employment/workforce development providers to launch a new 17-week PLACE school year program. The school year PLACE program offers a paid opportunity to learn about local ecology and environmental justice, develop professional skills, and participate in hands-on park revitalization work.

Surveys and interviews conducted with PLACE participants at the start and end of the program show how they have grown. They report increased environmental and horticultural knowledge and immense growth in leadership and interpersonal skills. **Participants share that exposure to our work, to higher education, and to the myriad of jobs in the green-collar workforce opens their eyes to new opportunities and inspires them to take on new challenges.**

From the start, The Bronx is Blooming has relied on close partnerships with Bronx institutions and community groups, as well as the direct engagement of local community members, to create an effective program. We aim to grow and support a culture of stewardship and civic participation that empowers Bronx residents to care and advocate for their parks. We consistently seek input from program participants, partners, and the public to help inform planning for PLACE. As a grassroots organization with diverse partners and a strong presence in our parks, we are able to get substantial community feedback that helps drive our work.

- We **survey** PLACE participants at the beginning, in the middle, and at the end of each season about their experience and what they would like to see in the program and their parks, to help shape the program's development.

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- Through our **partnerships** with NYC Parks and Recreation staff and local park groups, we learn about needs/opportunities to help guide our restoration and maintenance efforts.
- Since our staff is regularly in the field, we are also able to gather from **volunteers** participating in our stewardship events and **community members** who use these spaces.
- The consistent presence of our PLACE teams in parks during the summer enables them to develop relationships with **local stakeholders** that inform future priorities.
- We work with **local elected officials** to identify new partnerships and project sites.
- At a larger scale, our **partnerships with other environmental organizations** around the city help us to ensure that we are building a program that addresses broader citywide goals related to youth development, environmental justice, and climate change.

We are currently exploring opportunities, including online and SMS-based platforms, to formally gather additional community input.

d. EJCPS Model

The Bronx is Blooming was founded on the premise that by bringing together diverse partners and creatively leveraging resources, we can harness the desire and strength of our community to address complex, long-standing environmental justice issues in underserved Bronx communities that are disproportionately affected by environmental and public health harms. We rely on collaborative problem-solving with a range of partners including the NYC Department of Parks & Recreation; Bronx community groups, including "friends of" park groups; environmental, youth employment, and community development organizations, local schools, colleges, and universities; and other entities to make lasting change by simultaneously addressing the socio-economic and physical environmental drivers of injustice.

In developing and growing the Program for Leaders Advancing their Community's Environment (PLACE) over the past ten years, The Bronx is Blooming has carried out the first steps of the EJCPS Model. This project focuses primarily on Element 4, with some work on Element 5.

Element 1: Issue Identification, Community Vision, and Strategic Goal Setting

PLACE was launched following collaborative efforts with a wide range of local stakeholders to identify local environmental justice issues, especially those related to air pollution, the urban heat island effect, and inequitable access to quality green spaces. The program was designed around a vision of leveraging New York City's workforce development programs and the unique resources of Bronx communities to transform the borough's parks and green spaces.

Element 2 - Community Capacity-Building and Leadership Development: As PLACE has grown, we have focused on building both organizational and community capacity. Through continued partnership development, we have expanded the program in size and impact. We have worked with partners to deepen the program's curriculum, incorporating additional leadership training, more intensive technical training, education about environmental justice issues and ecology, and greater exposure to higher education and career opportunities.

Element 3 - Consensus Building and Dispute Resolution: There is broad community and stakeholder support for PLACE. We have worked to build consensus around a vision for the future of PLACE, youth development, and park revitalization by identifying common goals and

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involving stakeholders in the early stages of project planning and implementation. Therefore, we have not had to manage disputes, and our work results in outcomes that are reflective of community needs. Consensus building is an on-going and iterative process; we will continue to extensively engage all stakeholders as part of this project.

Element 4 - Multi-stakeholder Partnerships and Leverage of Resources: This project will focus on (1) scaling our successful model to expand our reach geographically and in the number of people served, (2) providing pathways to environmental jobs for highly engaged participants, and (3) increasing the program's potential to support citywide climate resiliency efforts that aim to grow and steward the urban canopy. We will leverage additional resources and foster new partnerships to achieve tangible environmental and health improvements in our communities.

Since its inception in 2013, PLACE has leveraged New York City's youth workforce development programs to provide Bronx youth with seasonal employment, environmental education, academic guidance, professional development, and the opportunity to participate directly in the environmental stewardship of community parks.

Unlike many other park improvement focused programs, PLACE is not focused around one particular park or neighborhood; the model can be replicated to include any underserved park in any environmental justice community throughout the borough or city. However, in order to expand, we need to build relationships with more community-based youth employment providers/workforce development organizations to access new pools of students. Establishing and strengthening these relationships through this project will significantly increase the number of students who have access to PLACE and the number of parks in which we can work. Working with new partners will also help us to recruit from communities that directly surround parks where we work, making it easier for young people to work and become leaders in their own communities where they have strong ties. These partnerships will help us to further leverage existing city resources, which currently fund nearly 100,000 summer positions, and will help achieve goals shared by The Bronx is Blooming and the workforce development organizations.

As we continue to grow PLACE, we are focused on creating pathways to environmental jobs and careers, within our organization and beyond. We are working to extend the summer and school year PLACE programs into the spring and fall "bridge" seasons to provide highly engaged participants an opportunity to continue to work with us, furthering their skills and maintaining our work sites during these critical gap seasons. This additional training will help prepare them for future employment opportunities with The Bronx is Blooming, as assistants on our service projects, Mentors, interns, and staff. Furthermore, through our partnership with Trees New York, we will provide Citizen Pruner training and certification for Mentors and Students. This adds a tangible qualification to prepare them for careers in urban forestry and horticulture and helps equip local communities with skills to steward the urban canopy.

Element 5 - Constructive Engagement by Relevant Stakeholders: Also as part of this project, we will continue to engage with The Nature Conservancy's Forest for All NYC Coalition and their Workforce Development Action Team. The Coalition is composed of environmental organizations, parks groups and alliances, academic institutions, industry partners, and government agency advisors. The Bronx is currently underrepresented in the Coalition. Collaborative visioning and problem-solving through this partnership will integrate PLACE into

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broader efforts to provide early exposure and widespread access to forestry and environmental stewardship in underserved communities, provide support to deepen PLACE's impact on citywide efforts to mitigate climate change, and ensure that the Coalition's work is tied to on-going grassroots efforts in The Bronx.

e. Project Linkages

Funding the expansion of the Program for Leaders Advancing their Community's Environment (PLACE) will help the EPA fulfill Goal 2, Objective 2.1 in its Strategic Plan. This project promotes environmental justice at the local level by building the capacity of chronically underserved and overburdened communities in The Bronx to address the environmental and public health harms they have faced for generations and to increase climate resilience. It leverages existing youth employment programs and workforce development programs to:

- **Build a community of environmental stewards** by training hundreds of Bronx youth in leadership and horticulture skills, providing college preparation and professional development support, and by engaging community members in hands-on environmental education and stewardship projects.
- **Support citywide climate resiliency efforts** by planting and stewarding trees and by certifying 100+ Bronx youth as Citizen Pruners, giving them a foundation for careers in urban forestry and enabling them to care for trees in their communities.
- **Make tangible environmental improvements in Bronx parks and green spaces** to address the poor air quality, extreme heat, water quality, and inadequate access to high-quality green spaces in underserved neighborhoods.
- **Address economic injustices** that contribute to continued disenfranchisement of Bronx youth and limit local community participation in environmental advocacy and planning.

f. Partner and Collaborate

The Bronx is Blooming collaborates with a wide range of partners including the NYC Department of Parks & Recreation, Bronx-based and citywide organizations, schools, colleges, and local community groups to make the Program for Leaders Advancing their Community's Environment (PLACE) a success. This project will grow our relationships to serve more students, parks, and communities, dramatically increase the number of Bronx youth who are trained to care for trees, and cultivate urban forest careers to help grow and enhance the urban canopy.

PLACE leverages **NYC's Summer Youth Employment Program (SYEP)**, the nation's largest youth employment program, which connects tens of thousands of youth between the ages of 14 and 24 with paid work experience each summer. SYEP participants can explore different interests and career pathways, develop productive workplace habits, and engage in learning experiences that strengthen their social, civic, and leadership skills. Last year, the City allocated additional funding to the program, increasing the number of paid SYEP positions to 90,000, as part of an overall strategy to keep youth engaged and active over the summer months when crime spikes.

Since launching PLACE in 2013, we have partnered with **Mosholu Montefiore Community Center (MMCC)**, a community-based youth employment provider, to place SYEP participants in the summer program. MMCC will continue to be a key partner on this project, however we are nearly reaching their maximum recruitment capacity of interested students. In the last year,

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under the direction of our new PLACE Program Manager, we added two new providers, **Roads 2 Success** and **United Activities Unlimited**, to help us launch our school year PLACE program.

To achieve our goal of expanding PLACE, a key component of this project will be to (1) strengthen our relationships with these organizations to engage more students in both the summer and school year programs and (2) identify additional providers that serve other neighborhoods around the borough. Working with providers that are located near potential park sites helps to achieve our goal of recruiting students from the adjacent neighborhoods, with ties to the surrounding communities.

Trees New York works to plant, preserve, and protect New York City's urban forest through education and community participation. They provide tree care training and lead youth and adult volunteers in caring for NYC street trees. Trees New York also offers Citizen Pruner training and certification, a 12-hour classroom and on-site program. Upon successful completion of the final exam, participants receive a license from Trees New York and NYC Parks to legally prune NYC street trees. Trees New York is the only institution designated to train and license Citizen Pruners in New York City. According to Trees New York, "Citizen Pruners not only provide essential tree care services, they also play important leadership roles in their communities."

To achieve our goals of providing career pathways for PLACE participants, increasing our community's capacity to care for their environment, and growing an urban forestry workforce in underserved and vulnerable communities, this project will incorporate Citizen Pruner training in the PLACE Program more broadly, ensuring that all Mentors and select Students have the opportunity to become certified Citizen Pruners. Training will be offered biannually as part of our bridge season PLACE sessions, which will provide the most engaged and motivated Students from the summer and school year sessions the opportunity to further develop their skills and support our environmental restoration efforts.

The Bronx is Blooming is part of the **Forest for All NYC Coalition**, a diverse group convened and facilitated by **The Nature Conservancy** New York Cities Program that is working to carry out the *NYC Urban Forest Agenda*: *Toward a Healthy, Resilient, Equitable, and Just New York City* (2021), a strategic roadmap that provides detailed recommendations to meaningfully protect, maintain, expand, research, and promote the NYC urban forest to benefit all New Yorkers. As part of its plan for investment, the *Agenda* highlights the expansion of urban forestry career and leadership opportunities targeted to communities that are underemployed and to those who live in areas most vulnerable to climate change effects. Our PLACE Program Manager participates on the Coalition's Workforce Development Action Team and has agreed to host interns through the partnership.

To achieve our shared goals of providing early exposure and widespread access to forestry and environmental stewardship in underserved communities and building a citywide forestry workforce, this project will include working within the Coalition to define and execute a clear vision for collaboration and program expansion to support citywide climate response goals.

2.0 Project Activities / Milestone Schedule / Detailed

a. Project Activities

This project will leverage resources and partnerships to engage Bronx youth in environmental restoration projects that directly mitigate environmental and public health harms, while building local stewardship capacity in environmental justice communities.

The Program for Leader Advancing their Community's Environment (PLACE) summer session, operating since 2013, will run each year of this project from June to August. College students hired as PLACE Mentors will begin leadership, project management, and horticulture training in June and then work 30-35 hours each week until mid to late August on project preparation, set-up, and leading their groups of Students. PLACE Students, hired through youth employment providers/workforce development programs, will then receive training and support to lead park revitalization projects, incorporating tree planting and stewardship, invasive species removal, and native species planting, for groups of 15-150 volunteers, 25 hours per week in July and August. Students will also participate in college tours and other academic and professional development activities to support their growth.

The PLACE school year session, launched in 2022, will run each year of this project from December to March, offering a 17-week paid internship program during which Students, supported by Mentors, gain knowledge about environmental justice issues and ecology, leadership skills, exposure to other community organizations, and hands-on experience with environmental stewardship. School year PLACE Students will work 10 hours per week and receive academic and professional development guidance.

From Year 1 to Year 3 we will grow the number of summer Students by 50%, from 80 to 120, and double the number of school year Students, from 10 to 20. Will also add 3-4 new parks.

We will establish spring and fall "bridge" PLACE sessions by extending the summer session to November and the school year session to June, providing an opportunity for the most engaged Students, with the greatest interest in pursuing environmental careers, to receive additional training to prepare them for subsequent jobs in the environmental field, either with us, as assistants on environmental revitalization projects, Mentors and/or interns, or other positions in public, private and non-profit sectors. They will also have a crucial role in maintaining project work sites during critical gap periods.

A key component of this project will be partnership building to expand PLACE to serve more young people and more parks, and to build the New York City's urban forestry workforce. Through regular coordination meetings, our PLACE Program Manager will strengthen our long-term and fledgling relationships with three youth employment/workforce development providers. He will collaborate with these partners to improve recruitment strategies and program curriculum to achieve shared goals. He will also identify new partner organizations to access new pools of students in different neighborhoods, especially those near existing or potential PLACE park sites.

Leveraging our partnership with Trees New York, we will integrate Citizen Pruner training and certification for Mentors and Students into the PLACE program bridge seasons. Citizen Pruner

training is a 12-hour course that includes 4 in classroom sessions and 1 field session. Upon successful completion of the test, participants receive a Citizen Pruner license. Trees New York is the only institution designated by NYC Parks to license New Yorkers to legally prune street trees. This partnership will have the dual benefit of providing Bronx youth with additional horticulture credentials and helping to build a community of tree stewards in underserved neighborhoods.

Through this project we will also grow our participation in The Nature Conservancy and the Forest for All Coalition to work toward achieving our mutual goal of establishing an urban forestry workforce in environmental justice communities that are especially vulnerable to climate change. Our PLACE Program Manager will be an active member of their Workforce Development Action Team, and will work to increase involvement of Bronx organizations, host interns in coordination with the Coalition, and develop short and long-term strategies for collaboration. As initial steps, The Nature Conservancy and other Coalition members will share their expertise about environmental and forestry careers with PLACE participants and we will connect program graduates to job opportunities through our PLACE Alumni Network.

On-going work throughout the project will also include project oversight and management by our Executive Director and Program Operations Manager, as well as strategic communications (social media, newsletters, press) and relationship building to increase awareness of the program, highlight opportunities to get involved, and showcase impact of our work.

b. Milestone Schedule

Activity	Start	End
YEAR 1		
Build and strengthen relationships with School Year PLACE youth employment/workforce development organizations (increase from 2 to 3)	Nov 2023	Nov 2023
Partner with providers to recruit 10 school year PLACE participants and enhance collaborative professional development curriculum	Nov 2023	Dec 2023
Implement School Year PLACE, providing 10 Students with Mentors and paid internships focused on environmental education, professional development, and hands-on stewardship opportunities Identify highly engaged students for Spring Bridge Program	Dec 2023	Mar 2024
Implement Spring Bridge PLACE providing 2-5 Students with extended employment and training to prepare for environmental jobs	Mar 2024	Jun 2024
Build and strengthen relationships with Summer PLACE youth employment/workforce development organizations (increase from 1 to 2)	Feb 2024	Apr 2024
Hire 2 Program Assistants, 10 PLACE Mentors to lead Summer PLACE Teams	Apr 2024	May 2024
Partner with providers to recruit 80 Summer PLACE Students from diverse Bronx communities	May 2024	Jun 2024
Provide Citizen Pruner training and certification for 20 PLACE Mentors and Students with Trees New York	Jun 2024	Jul 2024

Implement Summer PLACE with 10 Mentor-led teams of Students carrying out environmental restoration projects in 10 Bronx parks Identify highly engaged students for Fall Bridge Program	Jul 2024	Aug 2024
Implement Fall Bridge PLACE providing 8-12 Students with extended employment and training to prepare for environmental jobs **Provide Citizen Pruner training and certification for 20 PLACE Mentors and Students with Trees New York**	Aug 2024	Oct 2024
YEAR 2		
Build and strengthen relationships with School Year PLACE youth employment/workforce development organizations (increase from 3 to 4)	Sep 2024	Nov 2024
Partner with providers to recruit 15 school year PLACE participants and enhance collaborative professional development curriculum	Nov 2024	Dec 2024
Implement School Year PLACE, providing 15 Students with Mentors and paid internships focused on environmental education, professional development, and hands-on stewardship opportunities Identify highly engaged students for Spring Bridge Program	Dec 2024	Mar 2025
Implement Spring Bridge PLACE providing 3-7 Students with extended employment and training to prepare for environmental jobs	Mar 2025	Jun 2025
Build and strengthen relationships with Summer PLACE youth employment/workforce development organizations (increase from 2 to 3)	Feb 2025	Apr 2025
Hire 2 Program Assistants, 12 PLACE Mentors to lead Summer PLACE Teams	Apr 2025	May 2025
Partner with providers to recruit 100 Summer PLACE Students from diverse Bronx communities	May 2025	Jun 2025
Provide Citizen Pruner training and certification for 20 PLACE Mentors and Students with Trees New York	Jun 2025	Jul 2025
Implement Summer PLACE with 12 Mentor-led teams of Students carrying out environmental restoration projects in 11 Bronx parks Identify highly engaged students for Fall Bridge Program	Jul 2025	Aug 2025
Implement Fall Bridge PLACE providing 10-15 Students with extended employment and training to prepare for environmental jobs **Provide Citizen Pruner training and certification for 20 PLACE Mentors and Students with Trees New York**	Aug 2025	Oct 2025
YEAR 3		
Build and strengthen relationships with School Year PLACE youth employment/workforce development organizations	Sep 2025	Nov 2025
Partner with providers to recruit 20 school year PLACE participants and enhance collaborative professional development curriculum	Nov 2025	Dec 2025

Implement School Year PLACE, providing 20 Students with paid internships focused on environmental education, professional development, and hands-on stewardship opportunities Identify highly engaged students for Spring Bridge Program	Dec 2025	Mar 2026
Implement Spring Bridge PLACE providing 5-10 Students with extended employment and training to prepare for environmental jobs	Mar 2026	Jun 2026
Build and strengthen relationships with Summer PLACE youth employment/workforce development organizations (increase from 3 to 4)	Feb 2026	Apr 2026
Hire 3 Program Assistants, 14 PLACE Mentors to lead Summer PLACE Teams	Apr 2026	May 2026
Partner with providers to recruit 120 Summer PLACE Students from diverse Bronx communities	May 2026	Jun 2026
Provide Citizen Pruner training and certification for 20 PLACE Mentors and Students with Trees New York	Jun 2026	Jul 2026
Implement Summer PLACE with 14 Mentor-led teams of Students carrying out environmental restoration projects in 11 Bronx parks Identify highly engaged students for Fall Bridge Program	Jul 2026	Aug 2026
Implement Fall Bridge PLACE providing 15-20 Students with extended employment and training to prepare for environmental jobs **Provide Citizen Pruner training and certification for 20 PLACE Mentors and Students with Trees New York**	Aug 2026	Oct 2026
On-going		
Strategic communications (social media, newsletters, press) and relationship building to increase awareness of the program, highlight opportunities to get involved, and showcase impact of our work.	Nov 2023	Oct 2026
Participate in Forest for All NYC Coalition to support integrating PLACE into citywide urban forestry workforce development efforts.	Nov 2023	Oct 2026

c. Itemized Budget Sheet / Budget Narrative - Attachment

3.0 Environmental Results – Outputs, Outcomes, and Performance Measures

a. Environmental Results (Logic Model) - Attachment

b. Performance Measurement Plan

The Bronx is Blooming regularly uses quantitative and qualitative metrics to measure and track its success in achieving environmental restoration, youth development, and community building goals. We track the number of trees stewarded, native species planted, bags of trash and debris removed, volunteers participating, and volunteer hours committed for each site, as well as the number of PLACE participants and the trainings, college tours, and community events in which they participate. This data allows us to document the increased impact our

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programs have had as they have grown over time and estimate future impacts with further expansion. For this project, we will also track the number of youth who receive Citizen Pruner training and become certified and will work with the Trees for All NYC Coalition to identify other key indicators related to urban forestry workforce development as part of broader, citywide efforts.

Using data on the benefits of healthy trees we are able to quantify the environmental benefits of our tree stewardship efforts. For example, research has shown that a mature healthy tree can absorb more than 48 pounds of carbon dioxide (ArborDay) and as much as 100 gallons of water per day (NC State University). Based on these figures, we estimate that by stewarding 1,000 trees each year our PLACE teams help to absorb 48,000 pounds of carbon monoxide and 36,500,000 gallons of rainfall and runoff each year.

We believe that the most significant impact of our work is the change we see in the people who participate in our programs. The Mentors, Students, and volunteers who work with us gain new skills and experiences that help them see their own potential to improve their neighborhood parks, enable them to connect with the natural areas in their city, and prepare them to succeed in future endeavors. We conduct robust environmental knowledge and leadership surveys, as well as interviews, with PLACE participants at the start and end of the program, giving us the opportunity to see how they have grown throughout their time working with us. These surveys and interviews provide qualitative information on participant experience as well as quantitative educational outcome measurements.

c. Sustainability Plan and Community Vision

In The Bronx, there is broad community interest in and momentum around addressing long-standing environmental justice issues, enhancing youth and workforce development for green jobs, and increasing climate resiliency, and a strong sense of collaboration. The Bronx is Blooming maintains strong partnerships with many Bronx organizations through which Program for Leaders Advancing their Community's Environment (PLACE) participants learn about on-going work in the borough including Cap the Cross Bronx Expressway, the Bronx River Greenway and restoration of the Bronx River, and the Rainbow Garden in Melrose. **By growing and fostering a community of young environmental stewards who are interested in and prepared for jobs in the environmental field, we are helping to create a generation of environmental leaders to help support and sustain these efforts**.

As "Key Leaders" in The New York Foundling's Strong Families & Communities initiative, team members of the Bronx Climate & Environmental Justice Working Group, and active participants in seven community board districts, The Bronx is Blooming is well connected to community needs and resources.

This project is focused on building partnerships with key stakeholders to help scale PLACE. Over the past decade, PLACE has grown significantly, from just 3 Mentors leading 15 Students in 3 parks, to 10 Mentors leading 75 Students in 8 parks. To continue to grow the program, both in number of students and geographically, we need to establish new partnerships with additional youth employment/workforce development providers to access new pools of students. **Experience gained and lessons learned through this project will help inform and facilitate**

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additional expansion throughout The Bronx. Our model, which leverages NYC's youth employment and workforce development programs, can be applied in any environmental justice community in NYC. The current City budget includes funding for 100,000 jobs through the Summer Youth Employment Program. Recent reporting has found that organizations are struggling to fill these positions. Working together, we can help fill these positions while making tangible, and highly visible, changes to the city's green spaces and its environmental and public health.

By increasing our participation in the Forest for All NYC Coalition as part of this project, we will also strengthen our relationships with environmental organizations, industry partners, and other groups citywide, and integrate our work into broader efforts. **Working with the Coalition will help provide us with the support to grow and sustain our programming and will also help ensure that we are focused on achieving shared goals for urban forestry workforce development.**

4.0 Programmatic Capability

a. Organizational Experience

The Bronx is Blooming has been operating the Program for Leaders Advancing their Community's Environment (PLACE) for 10 years, beginning with its first cohort of 3 Mentors and 15 Students working at 3 parks in 2013. Over time, the program has grown significantly. In 2022, we hired our first-ever PLACE Program Manager, who, in his first year, oversaw the program's most successful year yet, with 8 Mentors and 75 Students leading 900 volunteers in revitalization projects at 8 parks during the summer program. The PLACE Program Manager also launched a new school year PLACE program, with 5 Mentors leading 9 Students in environmental education, park revitalization, and professional development.

We have a proven track record of running efficient and effective programs, having leveraged resources and partnerships to create significant and lasting changes. For many years, approximately half of our annual budget came from partnerships and in-kind support, as we worked to foster relationships with funders and elected officials. Over the past few years, we have grown from 1 to 4 full-time staff and a part-time Program Operations Manager. We regularly hire seasonal staff and interns to support our programming.

b. Staff Experience / Qualifications of Project Manager (PM)

Jennifer Beaugrand, our Founder and Executive Director, created and launched the Program for Leaders Advancing their Community's Environment (PLACE) in 2013 and has overseen its growth since. Jenn has nearly 20 years of experience running community driven horticulture programs in The Bronx and has many long-standing relationships with community partners. She completed the Fordham University Center for Non-Profit Leaders - Executive Education Certificate in 2012, as well as the We are the Bronx Fellowship in 2011. She has a long history of youth development work, is a certified landscape designer and a horticulturist, and received the NYC Mayoral Service Award in 2019. Jenn will provide overall leadership and oversight on this project, and will ensure compliance with all grant requirements.

Prior to founding the Bronx is Blooming, Jenn grew a community driven horticulture program at another Bronx non-profit from the ground up: with an organizational budget of $135,000, she leveraged $800,000 in resources, partnerships, in-kind support, and volunteer hours. The Green Jobs training workforce development program that Jenn ran in partnership with the Human Resources Administration (HRA) had the highest retention rate of all HRA projects.

Henry Jorden, our PLACE Program Manager (Project Manager) since early 2022, has played a critical role in expanding the program's impact. He increased its geographic reach to eight parks, recruited the largest cohort of summer participants ever (75 students), launched a new school year program, enhanced the program's educational and professional development components, and advanced the PLACE Alumni Network. Henry has a Masters of Social Work and brings significant capacity to guide PLACE participants' development. He will be responsible for program design, managing operations, and partnership development.

Henry has extensive prior experience running environmentally focused youth leadership programs, including curriculum development and leading outdoor expeditions for youth interested in environmental careers. As a graduate student, he established an Environmental Justice Caucus and worked with Green City Force, an urban agriculture non-profit serving residents of NYC public housing, to increase alumni engagement.

Melissa Gardella, our part-time Program and Operations Manager, provides vital support to the PLACE program by managing human resources, contracts, reporting, supply purchasing, invoicing, and other operational needs. Melissa has more than 15 years of experience managing daily business operations and special projects for senior executives. She excels in turning disorganized environments into smooth running operations and overhauling administrative processes to improve accuracy and efficiency. Over the past year she has played a critical role streamlining our operations to set us up for continued growth. On this project she will lead bookkeeping, onboarding, HR and payroll and support compliance with all EPA requirements.

c. Expenditure of Awarded Grant Funds, and plan for compliance with EPA's Pre-award Compliance Review for Nonprofit Organizations

The Bronx is Blooming has been in operation since 2011 and has been operating the Program for Leaders Advancing their Community's Environment since (PLACE) 2013. Despite our small size, we have been able to successfully manage our finances and comply with a broad range of grant reporting requirements. We are confident in our ability to meet all compliance requirements for this grant.

- **Over the past 12+ years, we have grown slowly and steadily**, to ensure that we do not overstretch the financial partnerships that we have in place. We hired our Executive Director as the first full-time staff member in 2017, added a full-time Environmental Program Manager in 2021 and a full-time PLACE Program Manager in 2022.
- **Last year, we hired a part-time Program Operations Manager** who is working with the Executive Director to update our operational systems and establish best practices for billing, payroll, HR management, compliance, and contract management with our State, City, and other partners.

- **We are currently in compliance with all required grant deliverables and reporting.** Government and foundation grants comprise approximately 2/3 of our current annual budget. In many cases, we have received repeated awards from our funders, including 4 grants from the NYS Department of Environmental Conservation and several foundation partners, demonstrating our ability to adeptly manage our growing commitments even with our limited staff and resources. These lasting partnerships attest to our ability to manage this grant and to develop a strong partnership with the US EPA.
- **We are not yet large enough to require an audit** but are working with our board and accountants to set up processes to ensure sound management of funds that come under our guardianship and to maximize their positive impact on our communities and local environment.
- **We are also working with development and data management consultants to create improved systems** for tracking our grants, deliverables, and project data, to facilitate and streamline our grant management and reporting processes.
- **We have included funding for our Executive Director and Program Operations Manager** as part of this grant application, to account for their time, oversight, and dedication to establishing a successful partnership and meeting all of the program requirements.

5.0 Past Performance

City Parks Foundation Green Relief and Recovery Fund: $40,000 awarded in 2022

- All deliverables and reporting for grants received in 2020 ($20,000) and 2021 ($50,000) were completed in a timely manner, resulting in a third grant being awarded in 2022. This grant is still in progress, deliverables and reporting are up to date.

Pinkerton Foundation: $60,000 awarded in 2022

- All deliverables and reporting for grant received in 2021 ($50,000) were completed in a timely manner, resulting in a renewal grant being awarded in 2022. This grant is still in progress, deliverables and reporting are up to date.

Arbor Day Foundation: $100,000 awarded in 2021

- This is a 2+ year grant that is still in progress, deliverables and reporting are up to date.

New York Community Trust: $75,000 awarded in 2021 + additional $10,000 for GOS

- All deliverables and reporting for grant received in 2019 ($20,000) were completed in a timely manner, even with the challenges and adjustments that were necessary due to the COVID-19 Pandemic, resulting in a second grant being awarded in 2021. The deliverables and final report for this grant have been submitted.

NYS Dept. of Environmental Conservation, Environmental Justice: $100,000 awarded in 2021

- This is a multi-year grant that is still in progress.
- Awarded 3 additional grants since 2017. COVID-19 and related staffing challenges impacted ability to complete some aspects of these grants in a timely manner, but we have worked closely with NYS DEC staff to make adjustments in order to meet all requirements and are in good standing with the Office, to the level of being recommended for other funding.

6.0 Quality Assurance Project Plan (QAPP) Information (If applicable)

We do not believe that our project will require a QAPP.

The Bronx is Blooming

Program for Leaders Advancing their Community's Environment (PLACE): Partnership Building for Program Expansion and Urban Forestry Workforce Development in Frontline Communities

US EPA Environmental Justice Collaborative Problem-Solving Program

Required Attachments

i. Itemized Budget Sheet + Full Annual Program Budget

ii. Environmental Results / Logic Model

iii. Letters of Commitment from Partners

iv. Resumes of the Project Manager (PM) and Other Key Personnel

v. Proof of Non-profit Status

vi. Employee Roster

The Bronx is Blooming

Program for Leaders Advancing their Community's Environment (PLACE): Partnership Building for Program Expansion and Urban Forestry Workforce Development in Frontline Communities

Budget Narrative

	Description	**Total**
Personnel	PLACE Program Manager at 32.5% of $71,000/year salary (3 year average salary) X 3 years = $69,270 *To direct program planning and management, lead expansion and partnership development with employment providers, Trees New York, and the Forests for All Coalition.*	$69,270
	Executive Director at 5.4% of $93,000/year salary (3 year average salary) $5000/year for 3 years = $15,000 *To provide oversight and direction, support the program planning, and ensure compliance with grant requirements and reporting.*	$15,000
	Program Operations Manager at $24/hour (3 year average hourly rate) X 600 hours over 3 years = $14,400 *To lead bookkeeping, onboarding, HR and payroll and support compliance with all EPA requirements.*	$14,400
	Total Personnel	**$98,670**
Fringe Benefits	Program Manager: 24% of project salary (includes medical, dental) = for 3 years = $16,625 Executive Director: 16% of project salary for 3 years = $2,400 Program Operations Manager: 16% of project salary for 3 years = $2,304	**$21,330**
Contractual	Communications and Partnership Development Consultant at $60/hour (3 year average hourly rate) X 600 hours of 3 years = $18,000, *To direct strategic communications (social media, newsletters, press) and relationship building to increase awareness of the program, highlight opportunities to get involved, and showcase impact of our work.*	**$18,000**
Other	Sub-award to Trees New York to provide Citizen Pruner training for 40 Bronx youth annually at $4,000 for 3 years =$12,000	**$12,000**
		$150,000

BiB PLACE 2023 Budget		
		PLACE
Expenses		
Executive Director (1/3 of time)		$29,467
Environmental Program Manager (1/3 of time)		$22,526
Environmental Program Coordinator (1/3 of time)		$16,050
PLACE/ Youth Development Manager (100% of time)		$67,580
Fringe for Full time Staff = 16% + Health, Vision, Dental		$37,900
Full time Staff Costs		**$173,523**
Program Operations Manager (PT)		$10,000
Outreach Coordinator (PT)		$9,500
Horticulture Assistant (Seasonal)		$7,000
Summer Interns/Mentors		$82,000
PLACE Students - Bridge Seasons		$20,000
School-year Interns/ Mentors		$15,000
Subtotal Seasonal/PT Personnel Costs		*$143,500*
Fringe Benefits @ 15%		$22,960
Part time and seasonal staff costs		**$166,460**
Personnel Total		$339,983
OTPS		
Other than Personnel People Costs		
Consultants and Trainers (incl Accountants)		$30,000
Volunteer Outreach Assistants - Civic Corps		$8,400
		$38,400
Professional Development and Conferences		$2,000
Materials (Plants, Mulch, Compost)		$15,000
Tools and Supplies (including containers?)		$12,500
Project provisions/ Special Events/ Staff Development Lunche		$3,500
Uniforms and signage		$6,200
Transportation for Tools and Supplies		$2,500
		$41,700
Office		
Internet +Software + @ Office Space Provided by HCDC		$3,400
Office supplies/ Computers and Technology		$2,500
Marketing and Informational Outreach Materials		$1,800
Insurance and Banking Fees		$4,000
		$11,700
	Total	**$431,783**

The Bronx is Blooming
Program For Leaders Advancing their Community's Environment (PLACE):
Partnership Building for Program Expansion and Urban Forestry Workforce Development in Frontline Communities
US EPA Environmental Justice Collaborative Problem-Solving Program
Logic Model

INPUTS →	OUTPUTS →	OUTCOMES →
Resources The Bronx is Blooming Staff Time Partnerships and In-kind Contributions *Youth Employment Providers (Program Participants)* *Trees New York (Citizen Pruner Training/Certification)* *NYC Parks (Tools and Equipment Storage)* *Experts (Education and Training)* *NYC Trees for All Coalition (Visioning and Strategy)* *Corporations (Fee for Service Contributions, Volunteer Service Hours)* Community Volunteers Additional Grants **Activities** Build partnerships with youth employment providers, develop recruitment strategies Run summer PLACE sessions: Train mentors and students; host student-led volunteer environmental stewardship projects (plant and steward trees, remove invasive species, plant native species); organize college visits and professional development support Run school year PLACE sessions: educate students on environmental justice and ecological principles; conduct hands-on environmental stewardship projects; provide academic and professional development support Provide Citizen Pruner training and certification for all PLACE participants Collaborate with Forest for All NYC Coalition to develop strategy for urban forestry workforce development and host interns	**Deliverables** Summer and school year PLACE sessions expanded over the course of 3 years to 120 summer participants, 25 school year participants, and 12+ Bronx parks and green spaces 80+ environmental stewardship projects engaging 3,000+ volunteers in the planting of 400+ trees and 3,000+ plants, stewardship of 3,000+ trees. Well-established partnerships with 4+ youth community employment providers Citizen Pruner training and certification fully incorporated into PLACE program Collaborative vision to grow and support urban forestry workforce, focusing on underserved and underrepresented communities **Audience** Bronx youth from underserved communities Bronx community volunteers Bronx residents who use community parks Youth employment providers Bronx high schools and colleges Environmental organizations, Bronx-based and citywide	**Short-Term (Knowledge, Skills, Awareness)** 300+ Bronx youth with increased knowledge of environmental justice issues and ecological principles, practical horticulture skills 100+ Bronx youth certified as Citizen Pruners 300+ Bronx youth better prepared for higher education and/or careers in green, STEM fields 3,000+ Volunteers with increased awareness of local environmental issues **Intermediate (Behaviors, Practices)** Cohort of Bronx youth able to lead environmental stewardship projects and care for trees around the borough Increased rates of college attendance and employment for Bronx youth participating in PLACE Increased culture of environmental stewardship in Bronx communities **Long-Term (Env, Social, Economic Conditions)** Denser, healthier urban tree canopy contributing to improved air quality and mitigation of the heat island effect/climate change, resulting in fewer respiratory illnesses and reduced heat vulnerability; improved habitat for wildlife Revitalized and well-maintained parks throughout the borough Well-established urban forestry workforce to care for canopy especially in frontline communities Improved economic standing for Bronx residents and increased engagement in advocacy

ROADS TO SUCCESS

April 5, 2023

To Whom it May Concern:

Roads to Success is pleased to partner with The Bronx is Blooming on the continued development and expansion of the Program for Leaders Advancing their Community's Environment (PLACE) youth development and park revitalization program as proposed in their application to the US EPA's Environmental Justice Collaborative Problem-Solving Program.

Roads to Success's mission is to inspire and empower all young people to take control of their future. We work with the New York City Department of Youth and Community Development to provide youth employment opportunities through the Summer Youth Employment Program (SYEP) the nation's largest youth employment programs, connecting NYC youth between the ages of 14 and 24 with career exploration opportunities and paid work experience each summer, and CareerReady Work Learn Grow (WLG), which offers SYEP participants aged 16-19 a 25-week employment opportunity during the school year, through which they strengthen work readiness skills, explore careers, and receive academic support.

PLACE furthers the mission of the Bronx is Blooming to grow and support a culture of environmental stewardship in the Bronx. PLACE students gain ecological knowledge, technical horticulture skills, and are empowered to become leaders in their communities. This program helps to combat decades of environmental injustice by preparing Bronx youth for jobs in the growing environmental field while actively restoring local ecology to address long-standing environmental harms.

Roads 2 Success began partnering with The Bronx is Blooming in 2021, and last year worked with them to launch a new school year PLACE program, providing an opportunity for four Bronx high school students to learn about environmental justice and ecological principles, participate in hands-on park revitalization projects, and receive academic and professional development support. In addition, The Bronx is Blooming hosted several professional development training sessions for our Work, Learn, Grow Program cohort of over 35 summer students. Roads to Success is committed to continuing this partnership and working with The Bronx is Blooming to help grow the program. We are excited to begin working with The Bronx is Blooming on the summer PLACE program this year, and hope to have them host up to 30 Bronx Summer Youth Employment Program participants.

We look forward to our continued partnership with The Bronx is Blooming, and urge you to thoughtfully consider this application

Sincerely,

Daphne Agard

Daphne Agard,
Senior Program Director

UAU | UNITED ACTIVITIES UNLIMITED

April 5, 2023

To Whom It May Concern:

United Activities Unlimited is pleased to partner with The Bronx is Blooming on the continued development and expansion of the Program for Leaders Advancing their Community's Environment (PLACE) youth development and park revitalization program as proposed in their application to the US EPA's Environmental Justice Collaborative Problem-Solving Program.

UAU is a community-based agency that provides comprehensive social services, educational support, enrichment activities, prevention services, counseling, and workforce development training to inspire, transform, and empower individuals of all ages. UAU is a provider for the New York City Department of Youth and Community Development to provide youth employment opportunities through the Summer Youth Employment Program (SYEP), the nation's largest youth employment program, connecting NYC youth between the ages of 14 and 24 with career exploration opportunities and paid work experience each summer, and CareerReady Work Learn Grow (WLG), which offers SYEP participants aged 16-19 a 25-week employment opportunity during the school year, through which they strengthen work readiness skills, explore careers, and receive academic support.

PLACE furthers the mission of the Bronx is Blooming to grow and support a culture of environmental stewardship in the Bronx. PLACE students gain ecological knowledge, technical horticulture skills, and are empowered to become community leaders. This program helps to combat decades of environmental injustice by preparing Bronx youth for jobs in the growing environmental field while actively restoring local ecology to address long-standing environmental harms.

UAU began partnering with The Bronx is Blooming in 2022, and last year worked with them to launch a new school year PLACE program, providing an opportunity for Bronx high school students to learn about environmental justice and ecological principles, participate in hands-on park revitalization projects, and receive academic and professional development support. UAU is committed to continuing this partnership and working with The Bronx is Blooming to help grow the program. In the summer of 2023, UAU also hopes to have The Bronx is Blooming host up to 10 Bronx-based Summer Youth Employment Program participants.

We look forward to our continued partnership with The Bronx is Blooming, and urge you to thoughtfully consider this application.

Sincerely,

Rasheeda Edmonds
Director of SYEP

1000 SOUTH AVENUE, LL2, STATEN ISLAND, NY 10314 Ex. 6 - Personal Privacy (PP) WWW.UNITEDACTIVITIES.ORG

Trees New York
plant preserve protect

April 12, 2023

To Whom it May Concern:

Trees New York is pleased to partner with The Bronx is Blooming on the continued development and expansion of the Program for Leaders Advancing their Community's Environment (PLACE) youth development and park revitalization program as proposed in their application to the US EPA's Environmental Justice Collaborative Problem-Solving Program (EJCPS).

Trees New York's mission is to plant, preserve, and protect New York City's urban forest through education and community participation. Founded in 1976 as a volunteer response to New York City's devastating cutbacks in forestry and tree-related services. We have over 45 years of experience in community tree planting, stewardship and education projects. Since our founding, Trees New York has trained over 13,500 Citizen Pruners and 9,000 youth in tree care and stewardship. In the past 10 years, Trees New York has planted over 5,000 trees in underserved communities throughout New York City.

PLACE furthers the mission of the Bronx is Blooming to grow and support a culture of environmental stewardship in the Bronx. PLACE students gain ecological knowledge, technical horticulture skills, and are empowered to become leaders in their communities. This program helps to combat decades of environmental injustice by preparing Bronx youth for jobs in the growing environmental field while actively restoring local ecology to address long-standing environmental harms.

We first partnered with The Bronx is Blooming nearly 10 years ago, when we initially provided tree stewardship tutorials for staff and students. More recently, we have been providing annual Citizen Pruner training for PLACE Mentors. Through the EJCPS, The Bronx is Blooming will hire Trees New York to incorporate Citizen Pruner training into the PLACE program curriculum over the course of three years. Through this partnership, and the support of the EPA, all PLACE Mentors and select Student Leaders will have the opportunity to become certified, enabling more than one hundred Bronx youth to gain new skills and to care for trees in their underserved communities. In our experience, Citizen Pruners not only provide essential tree care services, they also play important leadership roles in their communities.

We look forward to our continued partnership with The Bronx is Blooming, and urge you to thoughtfully consider this application.

Nelson Villarrubia
Executive Director

Trees New York
100 Gold Street, Suite 3100
New York, NY 10038
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www.treesny.org

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PROFESSIONAL EXPERIENCE

The Bronx is Blooming, Bronx, NY

Community organization designed to inspire a culture of environmental stewardship and community advocacy by engaging communities and youth as leaders in the restoration of local parks.

Executive Director (Founder), February 2011- Present

- Created community investment in a movement that has brought 126,000+ volunteer hours to 20+ Bronx parks and greenspaces, stewarding 16,000+ trees and planting 16,000+ native plants. Our work is the equivalent of 5-6 full time staff working for each of the last 12 years.
- Employed 350+ Bronx youth in seasonal internships, providing skills in horticulture, environmental restoration and project management to help in future job attainment.
- Provided community--based horticulture and environmental education to more than 20,000 volunteers.
- Managed corporate, community and non--profit projects of groups of 5 to 250.
- Engaged high school students in in-school, out of school and after-school environmental programming.

The Native Plant Center, Valhalla, NY

Nonprofit organization dedicated to educating people about the environmental necessity, economic value and natural beauty of native plants.

Horticulturist / Native Plant Sale Manager (contract basis), February 2013 - Present

- Coordination of the largest fundraiser of the year, the Native Plant Sale. Responsible for all plant selection and communication with all vendors. Our plants are bought by individuals throughout Westchester County and beyond and teach the importance and beauty of native plants for the home gardener.
- Leading plant walks and tours of our Lady Bird Johnson affiliated gardens to groups of horticulture professionals and garden conservancy groups.
- Design and selection of native species in collaboration with campus crews for campus wide native plantings.

Mosholu Preservation Corporation, Bronx, NY

Nonprofit organization promoting community, economic, and real estate development in the northwest Bronx.

Horticultural Program Director, July 2008 - January 2011

- Directed a program that after 2 years ran at a cost of $135,000 to the organization and brought in approximately
- $800,000 in seasonal program opportunities, in--kind donations, volunteer hours and other resources.
- Managed a staff that seasonally rose to up to 65 people, including a 45 student high school summer youth program, 2 welfare to work 6 month training programs, 3 civic corps year long interns, and 2 other staff.
- Expanded a part--time, 3,500 hour per- year initiative to an expansive 24,500 hour per year program in 2.5 years. Included managing projects of 5 to 500 people for one--day and long--term programming.
- Designed more than 12 large horticultural beds and amended and often redesigned up to 40 flowerbeds. Managed staff to maintain 7 parks and greenspaces.

The Cape Eleuthera Institute/ The Island School, Cape Eleuthera, The Bahamas

An institute dedicated to connecting people to the environment, and a semester abroad program that uses experiential learning to push beyond the bounds of the traditional classroom.

Aquaponics/Landscape Design Instructor and Student mentor/ IS Staff Member, November 2007 - June 2008

- Co--taught a semester-long intensive research course to high school students.
- Taught a course in hands-on landscape design using native plants to help with dune restoration, and other associated landscape problems.
- Mentored a group of students in their semester abroad, handling all parent communication and student issues.

The New York City Department of Parks and Recreation – NPI Program, Bronx, NY

Neighborhood Parks Improvement (NPI) Program – Creating a horticultural presence in underserved community parks throughout the city.

Gardener/ Community Outreach Coordinator, May 2005 – November 2006

- Managed the horticulture for a 20--acre park in the northwest Bronx, including: planting, pruning, erosion control, pathway maintenance, restoration, tree care, invasive removal, and staff management of seasonal summer youth crews and seasonal parks staff.
- Designed 8 new, large horticultural beds and maintained over 15 flowerbeds/ horticultural areas in the park.
- Organized small and large--scale volunteer events with community groups, corporate groups and non--profit partner organizations.

Freelance Landscape Design, United States, Scotland, Western Australia

Freelance landscape design for private residences, community gardens, apartment buildings.

Freelance Landscape Designer, July 2000 – Present

- Landscape design, plant selection, soil amendment, pruning and maintenance of gardens in various climates and in diverse circumstances around the world.

EDUCATION

New York University – Robert Wagner School for Public Service, New York, NY

Graduate Coursework in Urban Planning, 2005, 2006

University of Wisconsin, Madison WI

Bachelor of Arts, Political Science and International Relations 1999

The Spence School, New York NY

Graduating Class of 1995

CERTIFICATIONS

Fordham Center for Non-Profit Leaders, Bronx, NY

Executive Education Certificate, 2013

Cape Eleuthera Institute, Cape Eleuthera, The Bahamas

Permaculture Certificate Program, 2007, 2008

The Brooklyn and New York Botanical Gardens, Brooklyn and Bronx, NY

Landscape Design Program Certification ,2004
Horticultural Certification, 2006 (through the New York City Department of Parks & Recreation)

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EDUCATION

Columbia University School of Social Work New York, NY | 2020-2022
Master of Social Work
Advanced Generalist Practice & Programming
Environmental Justice Caucus, Founder & Co-President

Carroll College
B.A. Political Science, International Relations Helena, MT | 2012-2016
Minor in Constitutional Studies
Jack Miller Center Constitutional Studies Fellowship

EXPERIENCE

The Bronx is Blooming *PLACE Program Manager* New York, NY | Mar. 2022– Present
- Oversee the design and implementation of the summer and school year Program for Leaders Advancing their Community's Environment (PLACE)
- Coordinate relationships with community workforce development program administrators
- Provide onsite counseling, support services, and professional development to program participants
- Manage staff responsible for curriculum development and program coordination
- Administer PLACE Alumni Network and partner with environmental justice program partners

Green City Force *Alumni Engagement Intern* New York, NY | Sept. 2021– May 2022
- Provide professional development counseling for program alumni as they transition into the workforce
- Implement systems for alumni evaluation, assessment, and outcome tracking across program engagement
- Develop relationships between alumni, employers, and organizational partners to secure alumni employment
- Design and facilitate alumni outreach and educational events from a racial equity standpoint

Columbia University - Committee on Global Thought *Communications Assistant* New York, NY | Sept. 2020 – Present
- Develop and implement online advertisement campaigns and educational programming for the M.A. program
- Manage social media presence and weekly newsletter for internal and external audiences
- Produce and edit the Global Thought podcast on a quarterly timeline

Friends of Scotchman Peaks Wilderness *Program Coordinator* Sandpoint, ID | Aug. 2019 – Sept. 2021
- Developed, coordinated, and instructed youth outdoor education events alongside a range of community partners
- Designed volunteer recruitment and retention strategies for stewardship and outreach programs
- Maintained cache of trail maintenance tools used in the stewardship program
- Tracked project progress for presentation to coordination, leadership, and development teams
- Managed social media presence, weekly newsletter, and podcast content for internal and external audiences

The Network Against Domestic Abuse *Family Advocate Intern* Enfield, CT | Sept. 2020 – May 2020
- Conducted case management and provided support services to clients experiencing intimate partner violence
- Partnered with local schools and recreational organizations to lead educational events on healthy relationships
- Designed and improved data management and visualization for risk assessment program implementation

Boulder Creek Academy *Recreation Coordinator* Bonners Ferry, ID | Sept. 2019 – Sept. 2020
- Coordinated recreational, artistic, and outdoor education opportunities for students with community partners
- Instructed students on farm site skills and facilitated student agricultural experiences
- Provided support and safety management for students and staff during outdoor recreation activities
- Managed multiple student life teams in the development and implementation of outdoor education activities
- Oversaw recreation department budget and expenses on a quarterly basis

Wilderness Treatment Center *Wilderness Instructor* Marion, MT | Jan. 2019 – Aug. 2019
- Coordinated youth wilderness expeditions, crisis intervention, and safety management
- Delivered instruction on recreational and educational activities for patients before and during expeditions
- Maintained expedition gear cache and repaired gear as needed

AmeriCorps - Montana Conservation Corps *Senior Crew Leader* Missoula, MT | Feb. 2017 – Nov. 2018
- Facilitated and instructed leadership development program for team of field crew leaders
- Coordinated conservation projects and volunteer events with a diverse group of community organizations
- Managed and trained crew leaders for conservation projects while providing technical and interpersonal support
- Conducted educational lessons, project debriefs, and conflict mediation

Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) New York, NY 10030 | Phone: Ex. 6 - Personal Privacy (PP) | E-Mail: Ex. 6 Personal Privacy (PP)

Office of the Secretary of State of Montana *Elections Specialist* Helena, MT | Feb. 2016 – Dec. 2016
- Coordinated voting outreach and education events with local schools and community organizations
- Directed county election administrators in implementation of voter information management software
- Oversaw official election communications and statewide distribution

United States Forest Service *Forestry Technician* Helena, MT | May 2013 – Aug. 2015
- Constructed and maintained trails and recreational facilities in the Helena National Forest
- Coordinated logistics of recreation projects with leadership teams and community partners

VOLUNTEER SERVICE

Lake Pend Oreille Waterkeeper Sandpoint, ID | May 2021 – Aug. 2021
- Assisted volunteer recruitment and implementation of water quality monitoring program

Yaak Valley Forest Council *Volunteer* Troy, MT | Jul. 2019 – Jun. 2020
- Assisted with environmental conservation community outreach and youth engagement programs

Learn Inc. *Education Facilitator* Missoula, MT | Feb. 2017 – Nov. 2018
- Facilitated outdoor education trips for children on the autism spectrum

Helena YWCA *Field Coordinator* Helena, MT | May 2015 – Aug. 2015
- Coordinated Helena YWCA Stand Against Racism campaign in partnership with local businesses

SKILLS & CERTIFICATIONS

Technical Skills: Proficient in Microsoft Office Suite, Google Suite, Adobe Acrobat, Adobe Illustrator, Adobe Audition, Adobe Photoshop WordPress, EveryAction, iContact, Constant Contact, Slack, Asana, trail construction, composting

Certifications: Wilderness First Responder, CPR/First Aid, Restorative Justice Facilitation and Leadership, Aegis Crisis Prevention and De-Escalation, Motivational Interviewing, New York State Mandated Reporter

Language: Elementary proficiency in Spanish

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) Bronx, NY 10461 | Ex. 6 - Personal Privacy (PP) | Ex. 6 - Personal Privacy (PP)

Highly competent professional with over 15 years of experience in managing daily business operations and special projects for senior executives. Serves as primary point of contact for and liaison between management, personnel, clients, and vendors. Excels in turning disorganized environments into smooth running operations and overhauling administrative processes to improve accuracy and efficiency. Maintains excellent oral and written communication skills, problem resolution abilities, and a high level of confidentiality.

Core areas of performance include:

- QuickBooks Online
- Salesforce
- Constant Contact
- Bill.com
- Google Workspace
- Microsoft Office Suite
- Monday.com
- ADP Run
- Airtable
- Planning and Scheduling
- Written Communication
- Customer Service

Experience

The Bronx is Blooming – Bronx, NY

Part Time Program Operations Manager *March 2022 - Present*

- Administer bi-weekly payroll
- Collect and manage all new hire paperwork
- Manage government required staff trainings
- Maintain updated contact information for all staff and interns
- Track all organizational revenue and expenses in Quickbooks
- Develop systems to monitor and pay incoming invoices and bills online
- Manage invoicing and billing for all programming
- Draft and submit grant reports and attachments based on program data
- Monitor billing and submit invoices for city government contracts and foundation grants
- Maintain organization records and files and operating needs (i.e. insurance)
- Regularly update donor database and support donor relation efforts, including mailings
- Procure supplies for project activities, including plants, tools and materials
- Manage inventory and maintain supplies, including sign out sheets for staff tools and supplies and staying on top of inventory management with staff
- Provide general administrative and operational support as needed

Digital Advertising Alliance – New York, NY

Senior Financial Operations Administrator *January 2021 - Present*

Financial Operations Administrator *April 2016 – December 2020*

- Prepare invoices and communicate with DAA participants to ensure smooth billing processing
- Initiate outreach to participants with outstanding balances & support participants to expedite payment
- Develop & implement best practices and reporting related to Accounts Receivable and Accounts Payable
- Prepare a range of reports, from financial to CRM database reports for clear insight into DAA program's progress

- Maintain and update data quality in Salesforce, QuickBooks, and Constant Contact to ensure high quality, accurate reports among participants and prospects
- Add company assets as demanded to Salesforce to support key DAA operations (Web site, badging, listing of participants, enforcement and other primarily participant functions)
- Support staff in prompt, responsive communication to consumers, by organizing incoming consumer communication
- Facilitate smooth relationship with Regus (our current landlord) for reception, mail and printing, staff event coordination and participation, moving and storage, logistics, meeting room scheduling, and office aesthetics
- Serve as lead registrar for DAA Summit and any other public or semi-public DAA Event in-person meetings, working with lead DAA staff contact(s) for each event
- Greet incoming DAA office guests – and taking them from Reception to assigned meeting rooms and offices for scheduled meetings, and "vetting" any unscheduled visits, working accordingly with Reception
- Support Executive Director with any special requests, working with DAA staff colleagues where necessary, regarding acknowledgements, gifts, correspondence, or other matters of protocol
- Support Senior Director and DAA colleagues with marketing promotion vendor relationships
- Support Senior Director and DAA colleagues with shipments to industry conferences of DAA promotion and communications collateral

Benestream, Inc. – New York, NY

December 2015 – February 2016

(Temporary) Finance Assistant

The Finance Assistant supports the Controller on administrative and compliance-based tasks, assisting in all areas of the Finance Department. This includes working with the Controller and others, including the Company's Bookkeeper, to maintain accurate Company financial records and managing the day to day entry level financial transactions of the Company. The Finance Assistant's essential job functions include:

- Inputting invoices into accounting systems
- Reviewing and processing staff reimbursements after appropriate approval
- Generating outbound invoices
- Maintaining essential supporting documentation for all Finance Department functions
- Organizing and updating physical and electronic records
- Receiving and depositing checks and payments
- Providing reports to other departments and requested by management
- Elevating items to, and identifying trends for the Controller as appropriate
- Willingness to be a team player and comfort working in a start-up environment

Shopkeep POS - New York, NY

August 2014 – February 2015

(Temporary) Executive Assistant to Co-CEO

- Compiled and managed priority file and reviewed key issues, action items, pending deadlines
- Coordinated meetings with multiple groups and compiled notes for distribution
- Scheduled and coordinated all details for quarterly board meetings
- Managed schedules, arranged appointments, coordinated travel, and organized conference calls
- Faxed, copied and prepared documents for distribution
- Prepared expense reports for reimbursement

Education

A. S., Business Administration and Management, August 2009
Monroe College, Bronx, NY

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: FEB 11 2016

THE BRONX IS BLOOMING
Ex. 6 Personal Privacy (PP)
BRONX, NY 10451-0000

Employer Identification Number:
46-3141885
DLN:
26053436001426
Contact Person:
CUSTOMER SERVICE ID# 31954
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)
Accounting Period Ending:
December 31
Public Charity Status:
170(b)(1)(A)(vi)
Form 990/990-EZ/990-N Required:
Yes
Effective Date of Exemption:
February 3, 2016
Contribution Deductibility:
Yes
Addendum Applies:
No

Dear Applicant:

We're pleased to tell you we determined you're exempt from federal income tax under Internal Revenue Code (IRC) Section 501(c)(3). Donors can deduct contributions they make to you under IRC Section 170. You're also qualified to receive tax deductible bequests, devises, transfers or gifts under Section 2055, 2106, or 2522. This letter could help resolve questions on your exempt status. Please keep it for your records.

Organizations exempt under IRC Section 501(c)(3) are further classified as either public charities or private foundations. We determined you're a public charity under the IRC Section listed at the top of this letter.

If we indicated at the top of this letter that you're required to file Form 990/990-EZ/990-N, our records show you're required to file an annual information return (Form 990 or Form 990-EZ) or electronic notice (Form 990-N, the e-Postcard). If you don't file a required return or notice for three consecutive years, your exempt status will be automatically revoked.

If we indicated at the top of this letter that an addendum applies, the enclosed addendum is an integral part of this letter.

For important information about your responsibilities as a tax-exempt organization, go to www.irs.gov/charities. Enter "4221-PC" in the search bar to view Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, which describes your recordkeeping, reporting, and disclosure requirements.

Letter 5436

THE BRONX IS BLOOMING

Sincerely,



Jeffrey I. Cooper
Director, Exempt Organizations
Rulings and Agreements

Letter 5436

The Bronx is... Blooming

Full Time Staff Roster

April 14, 2023

Name	Title	Annual Salary
Jennifer Beaugrand	Executive Director	Ex. 6 Personal Privacy (PP)
Henry Jorden	PLACE Youth Development Program Manager	
John Vallacchi	Environmental Program Manager	
Maisie Baronian	Environmental Program Coordinator	

All full-time employees work 35 hours per week

The Bronx is Blooming
Ex. 6 Personal Privacy (PP) Bronx, NY 10451
Ex. 6 - Personal Privacy (PP) info@bronxisblooming.org

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: We Stay/Nos Quedamos, Inc.

Address: 754 Melrose Avenue

City: Bronx

State: NY: New York Zip Code: 10451-4446

B. Unique Entity Identifier (UEI): NXPMX8AJH7U1

C. Applicant/Recipient Point of Contact

Name: Jessica Clemente

Phone: Ex. 6 Personal Privacy (PP)

Email: development@nosquedamos.org

Title: President/Chief Executive Officer

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

n/a

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

n/a

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

n/a

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

n/a

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

n/a

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Jessica Clemente	President/Chief Executive Officer	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: We Stay/Nos Quedamos, Inc.

* b. Employer/Taxpayer Identification Number (EIN/TIN): 13-3724388

* c. UEI: NXPMX8AJH7U1

d. Address:

* Street1: 754 Melrose Avenue
Street2:
* City: Bronx
County/Parish:
* State: NY: New York
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 10451-4446

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:

* First Name: Jessica

Middle Name:

* Last Name: Clemente

Suffix:

Title:

Organizational Affiliation:

* Telephone Number: Ex. 6 - Personal Privacy (PP)

Fax Number:

* Email: development@nosquedamos.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Nos Quedamos Climate Justice, Community Resilience, and Emergency Preparedness Curricula for South Bronx Youth and Adults

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: 15 | * b. Program/Project: 15

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 | * b. End Date: 10/31/2026

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	500,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: | * First Name: Jessica

Middle Name:

* Last Name: Clemente

Suffix:

* Title: President/Chief Executive Officer

* Telephone Number: Ex. 6 - Personal Privacy (PP) | Fax Number:

* Email: development@nosquedamos.org

* Signature of Authorized Representative: Jessica Clemente | * Date Signed: 04/14/2023

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Jessica | Middle Name:
Last Name: Clemente | Suffix:

Title: President/Chief Executive Officer

Complete Address:

Street1: 754 Melrose Avenue
Street2:
City: Bronx | State: NY: New York
Zip / Postal Code: 10451-4446 | Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**

E-mail Address: development@nosquedamos.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: | Middle Name:
Last Name: | Suffix:

Title:

Complete Address:

Street1:
Street2:
City: | State:
Zip / Postal Code: | Country:

Phone Number: | **Fax Number:**

E-mail Address:

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: | Middle Name:
Last Name: | Suffix:

Title:

Complete Address:

Street1:
Street2:
City: | State:
Zip / Postal Code: | Country:

Phone Number: | **Fax Number:**

E-mail Address:

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: | First Name: | Middle Name:

Last Name: | Suffix:

Title:

Complete Address:

Street1:

Street2:

City: | State:

Zip / Postal Code: | Country:

Phone Number: | **Fax Number:**

E-mail Address:

EPA Form 5700-54 (Rev 4-02)

jlNWG8crV9f3y5v2kreJFvPPJ5c=

Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

NQ_EPA EJCPS Application

1234-NQ EPA EJCPS Project Narrative .pdf
application/pdf
H5A9/rU5jbXWKB3AIz3EjtMGL+I=

Application
New
2023-04-14
We Stay/Nos Quedamos, Inc.
13-3724388
NXPMX8AJH7U1
754 Melrose Avenue
Bronx
NY: New York
10451-4446
USA: UNITED STATES

Jessica
Clemente

EX. 6 - Personal Privacy (PP)
development@nosquedamos.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

Nos Quedamos Climate Justice, Community Resilience, and Emergency Preparedness Curricula for South Bronx Youth and Adults
15
15
2023-11-01
2026-10-31
500000.00
0.00
0.00
0.00
0.00
0.00
500000.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Jessica
Clemente

President/Chief Executive Officer
EX. 6 - Personal Privacy (PP)
development@nosquedamos.org
Jessica Clemente
2023-04-14

1.0
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500000.00

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40763.00
2000.00
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479619.00
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$479,619
$20,381

We Stay/Nos Quedamos, Inc.
754 Melrose Avenue
Bronx
NY: New York
10451-4446

NXPMX8AJH7U1
Jessica Clemente
Ex. 6 Personal Privacy (PP)
development@nosquedamos.org
President/Chief Executive Officer
N: No
n/a
n/a
n/a
N: No
Y: Yes
Y: Yes
Y: Yes

Y: Yes
Y: Yes
Y: Yes
n/a
n/a
Jessica Clemente
President/Chief Executive Officer
2023-04-14

1235-NQ_EJCPS_EPA Itemized Budget.pdf
application/pdf
Gr22X+XbD8iE70q5Kui1yDdANeA=

1236-NQ_EJCPS_EPA Logic Model.pdf
application/pdf
y/NzdiffBicpbBQ9gCm/ATNc5sY=

1237-NQ_EJCPS_EPA Letter of Non-Profit Status.pdf
application/pdf
G0REN2MYk5iG13xLr1lUY+NIcBg=

1238-NQ_EJCPS_EPA Letter of Commitment-NYC-EJA.pdf
application/pdf
7taw5zeaukThjnTT8/7OuEcfFSw=

1239-NQ_EJCPS_EPA Letter of Commitment-Torres.pdf
application/pdf
t+X3p2D4R2WBNw+a16VznjlqV30=

1240-NQ_EJCPS_EPA Letter of Commitment - Urban Future Lab.pdf
application/pdf
MmnGLTuSfGMVT/DQXe/bAVxIFfc=

1241-Jessica Clemente CV 2pg.pdf
application/pdf
EGZraMlfVIUynWBYqA2J08tA4MU=

1242-EPA_NQ_PRC_PartnerLetter.pdf
application/pdf
fRFALzdTHzfrRNCusxElXHKckIU=

Jessica
Clemente

President/Chief Executive Officer
754 Melrose Avenue
Bronx
NY: New York
10451-4446
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
development@nosquedamos.org

jlNWG8crV9f3y5v2kreJFvPPJ5c=
2023-04-14T16:34:29.000-04:00
Jessica Clemente
GRANT13861658

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: MAR 19 2002

WE STAY-NOS QUEDAMOS INC
PO BOX 524369 STADIUM STATION
BRONX, NY 10452

Employer Identification Number:
13-3724388
DLN:
17053005743032
Contact Person:
RICHARD COMBS ID# 31024
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)
Our Letter Dated:
February 1995
Addendum Applies:
No

Dear Applicant:

This modifies our letter of the above date in which we stated that you would be treated as an organization that is not a private foundation until the expiration of your advance ruling period.

Your exempt status under section 501(a) of the Internal Revenue Code as an organization described in section 501(c)(3) is still in effect. Based on the information you submitted, we have determined that you are not a private foundation within the meaning of section 509(a) of the Code because you are an organization of the type described in section 509(a)(1) and 170(b)(1)(A)(vi).

Grantors and contributors may rely on this determination unless the Internal Revenue Service publishes notice to the contrary. However, if you lose your section 509(a)(1) status, a grantor or contributor may not rely on this determination if he or she was in part responsible for, or was aware of, the act or failure to act, or the substantial or material change on the part of the organization that resulted in your loss of such status, or if he or she acquired knowledge that the Internal Revenue Service had given notice that you would no longer be classified as a section 509(a)(1) organization.

You are required to make your annual information return, Form 990 or Form 990-EZ, available for public inspection for three years after the later of the due date of the return or the date the return is filed. You are also required to make available for public inspection your exemption application, any supporting documents, and your exemption letter. Copies of these documents are also required to be provided to any individual upon written or in person request without charge other than reasonable fees for copying and postage. You may fulfill this requirement by placing these documents on the Internet. Penalties may be imposed for failure to comply with these requirements. Additional information is available in Publication 557, Tax-Exempt Status for Your Organization, or you may call our toll free number shown above.

If we have indicated in the heading of this letter that an addendum applies, the addendum enclosed is an integral part of this letter.

Letter 1050 (DO/CG)

WE STAY-NOS QUEDAMOS INC

Because this letter could help resolve any questions about your private foundation status, please keep it in your permanent records.

If you have any questions, please contact the person whose name and telephone number are shown above.

Sincerely yours,

Steven T. Miller
Director, Exempt Organizations

Letter 1050 (DO/CG)

DEPARTMENT OF STATE
N OF CORPORATIONS AND STATE RECORDS

162 WASHINGTON AVEN
ALBANY, NY 12231

FILING RECEIPT

ORPORATION NAME: WE STAY-NOS QUEDANCE, INC.

OCUMENT TYPE : DOMESTIC (NOT-FOR-PROFIT) CORPORATIO TYPE: A COUNTY: BRON

ERVICE COMPANY : GERALD WEINBERG

ILED: 06/09/1993 DURATION: PERPETUAL CASH #: 930609000605 FILM #: 9306090005

DDRESS FOR PROCESS

HE CORPORATION
67 EAST 159TH STREET
RONX, NY 10451

EGISTERED AGENT

FILER

JEFF BERNSTEIN, ESQ.
25-31 FRANCIS LEWIS BLVD.

BAYSIDE, NY 11358

FEES		100.00	PAYMENTS	100.
FILING	:	75.00	CASH :	0.
TAX	:	0.00	CHECK :	0.
CERT	:	0.00	BILLED:	100.
COPIES	:	0.00		
HANDLING	:	25.00		
			REFUND:	0.

S-1025 (11/89)

URBAN FUTURE LAB | NYU TANDON SCHOOL OF ENGINEERING

March 29, 2023

U.S. Environmental Protection Agency (EPA)
Office of Environmental Justice and External Civil Rights (OEJECR)
1200 Pennsylvania Avenue, N.W..
Washington, DC 20460

To Whom it May Concern at OEJECR,

I am writing to express my support for the application as submitted by We Stay/Nos Quedamos Inc. in response to the Environmental Protection Agency's Environmental Justice Collaborative Problem-Solving (EJCPS) 2023 Grant Cycle.

Building on long-standing community leadership and deep cross-sector partnership, NQ is well positioned to work with local residents and key stakeholders to develop and implement environmental literacy training curricula focused on climate resiliency and emergency preparedness in the South Bronx. The Urban Future Lab (UFL) at NYU Tandon School of Engineering has worked closely with NQ over the past 2 years, as NQ was the first community based organization awarded our Urban Future Impact Prize. Staff at UFL presented to the youth team on the climate tech ecosystem and facilitated discussions on how various clean technologies intersect with community needs, challenges, and visions for the future of their neighborhoods. NQ youth were then able to integrate new content into community activities and events.

UFL is enthusiastic to continue our work with NQ as an advisor on the Curricula Design Development Team (CDDT) described in the proposed EPA EJCPS project, helping to identify and fill knowledge gaps, and bring our expertise and resources to bear throughout the process. As New York City's innovation hub for clean energy, sustainable urban infrastructure, and deep decarbonization, UFL can contribute meaningfully to the development of curricula centered on South Bronx community resiliency needs, potential interventions, and potential intersections with workforce development and advocacy efforts around just transition and the blue/green energy sector.

Please accept my recommendation for their application, and I look forward to supporting this project as one that significantly improves environmental literacy and resilience in Melrose.

Sincerely,

Jeannette Williams

Jeannette Willams
COO, Urban Future Lab

Urban Future Lab, NYU Tandon | ufl.nyc | Ex. 6 - Personal Privacy (PP)
370 Jay Street, 7th Floor, Brooklyn, NY 11201

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) Bronx, New York 10467 ~ Tel: Ex. 6 Personal Privacy (PP) ~ Email: Ex. 6 Personal Privacy (PP)

QUALIFICATIONS SUMMARY

- *Success in turnaround operations*: Driving force behind reorganization, reversing negative cash flow, rightsizing programs, elevating morale, and overcoming negative community opinions
- Energetic professional with strong management, outreach and organizational skills
- Abilitiy to engage, respect and activate diverse stakeholders through collaborative problem solving
- Creative thinker and team-player who can prioritize tasks and set, analyze and acheive goals
- Program development/implementation

EXPERIENCE

2011-Present **We Stay/Nos Quedamos, Inc**
Chief Executive Officer and President Bronx, New York

- Spearhead restructuring efforts, reorganized finances, growth initiatives, and constituent/membership expansion
- Direct and lead team toward the achievement of the organization's philosophy, mission, strategy, and its annual goals and objectives
- Coordinate and advocate for city, state and federal policy reform

2009-2011 **Albert Einstein College of Medicine-Hispanic Community Health Study/Study of Latinos**
Outreach and Retention Manager Bronx, New York

- Manage both community outreach and annual follow up/retention efforts for the largest comprehensive multi-center longitudinal epidemiologic study in Hispanic/Latino populations.
- Develop, implement and manage annual follow up protocols and procedures
- Develop and maintain a medical referral list for study participants linking them to health care access and local community resources
- Accomplished to date an overall response rate of over 90% for the first two years of annual follow up
- Plan and organize community outreach events aimed to achieve maximum possible retention of study participants throughout the study period
- Create and deliver professional presentations on research objectives to community leaders and local stakeholders
- Coordinate and partner with local community organizations to bring forth a community education plan in an effort to address diverse topics in relation to health in the Hispanic/Latino community

2009 **Mount Sinai School of Medicine-The National Children's Study**
Recruiter Queens, New York

- Responsible for the recruitment of women either pregnant or between the ages of 18 and 49 and could become pregnant for the National Children's Study. A national longitudinal study that will prospectively investigate the influence of biological, environmental, genetic, and social factors on the health and development of children

2007-2009 **New York City Department of Health & Mental Hygiene World Trade Center Health Registry**
Research Scientist, Outreach & Recruitment New York, New York

- Developed and implemented outreach strategies for potential In-depth Respiratory Health study participants including extensive door-door and telephone recruitment
- Served as the key liaison with community partners, advisory boards and community boards
- Conducted presentations on the In-depth Health study and other World Trade Center Health Registy initatives at local community boards, tenant assocations, and parent-teacher associations

ED_016126_00001358-00001

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) Bronx, New York 10467 ~ Tel: Ex. 6 Personal Privacy (PP) ~ Email: Ex. 6 Personal Privacy (PP)

2005-2007 **New York University, Office of Government & Community Affairs** New York, New York
Research Scientist

- Promoted to Research Scientist from Research Project Coordinator
- Managed all facets of U.S. Environmental Protection Agency (EPA) funded South Bronx Environmental Health and Policy Study (SBEHPS)
- Liaison among NYU researchers, community partners, Congressman Serrano's Office and U.S. EPA
- Researched environmental health and policy-related data used by Congressman Serrano to devise policy
- Prepared quarterly reports, policy papers, and develop communications materials
- Developed and coordinated 20+ community/environmental outreach projects
- Trained 4 community group partners in Geographic Information Systems (GIS) resulting in 12 people in the community having knowledge of how to use GIS as an environmental decision-making tool

2004-2005 **United Puerto Rican Organization of Sunset Park Inc, (UPROSE)**
NYU Advanced Project in Urban Planning Brooklyn, New York
Project Associate

- Served on 8-person team consisting of NYU Wagner graduate candidates to analyze four proposed plans related to the development of Sunset Park and its waterfront
- Examined the economic and financial feasibility, physical conflicts, environmental impacts, and the ability of each plan to complement the neighborhood's tradition of manufacturing
- Recommended advocacy strategies and produced community advocacy materials

2001- 2005 **New York University School of Medicine, Department of Environmental Medicine**
Research Project Coordinator Tuxedo, New York

- Managed all facets of U.S. Environmental Protection Agency (EPA) funded South Bronx Environmental Health and Policy Study (SBEHPS)
- Saved over $250,000 by negotiating cost effective alternatives for SBEHPS implementation
- Managed and facilitated all activities related to the Children's Health Study research ("Back Pack Study"); including obtaining and maintaining IRB approvals for all protocols-a component of the SBEHPS which studies possible health effects of air pollution on asthmatic school children
- Public speaking on SBEHPS via community education workshops, presentations, print media, mass media (television and radio) to local community groups, government officials, and the general public
- Created the curriculum for a Environmental Education Youth Participation and Leadership Program and engaged 23 young participants from 5 Bronx high schools
- Coordinated the Department's first Particulate Matter (PM) monitoring site in response to the World Trade Center (WTC) disaster at NYU Downtown Hospital; our swift research initiatives gained the Department a $1,000,000 WTC research grant

EDUCATION

New York University, Robert F. Wagner Graduate School of Public Service, New York, New York
Masters of Urban Planning, January 2007
Specialization: **Environmental Regulation and Management**

Purchase College, State University of New York, Purchase, New York
Bachelor of Science in Environmental Science, May 2001
Thesis: *Is Global Warming Influencing Dengue Fever/Dengue Hemorrhagic Fever Distribution?*

FORDHAM
THE JESUIT UNIVERSITY OF NEW YORK | Center for Community Engaged Learning

April 20, 2023

U.S. Environmental Protection Agency (EPA)
Office of Environmental Justice and External Civil Rights (OEJECR)
1200 Pennsylvania Avenue, N.W..
Washington, DC 20460

To Whom It May Concern,

We are writing this letter to express our full support for Youth Ministries for Peace and Justice's (YMPJ) application to the Environmental Protection Agency's Environmental Justice Collaborative Problem-Solving (EJCPS) 2023 Grant Cycle.

The summit was organized by Fordham's Center for Community Engaged Learning, which builds bridges between the University's Bronx and Manhattan campuses and neighboring communities to create collaborative programming and educational opportunities.

As part of this application, Fordham University's Center for Community Engaged Learning will work to support the implementation of the proposed Health Impact Assessment (HIA) focused on the redevelopment of the waterfront properties in YMPJ's catchment to increase connected open space for recreation, decrease flooding by expanding green infrastructure, and improving local air quality. We will offer YMPJ access to available data, resources, and support, as well as serving as trusted advisors as they undertake the HIA in this area.

We have full confidence in David Shuffler and the YMPJ team on this application. Please feel free to reach out directly with any questions via email at Ex. 6 - Personal Privacy (PP) or via phone at Ex. 6 - Personal Privacy (PP) Thank you for your time and consideration.

Sincerely,

Julie L Gafney
Assistant Vice President
Strategic Mission Initiatives

Place Solutions Group, LLC

April 6, 2023

U.S. Environmental Protection Agency (EPA)
Office of Environmental Justice and External Civil Rights (OEJECR)
1200 Pennsylvania Avenue, N.W..
Washington, DC 20460

To Whom It May Concern:

We are writing this letter to express our full support for Youth Ministries for Peace and Justice's (YMPJ) application to the Environmental Protection Agency's Environmental Justice Collaborative Problem-Solving (EJCPS) 2023 Grant Cycle.

Place Solutions Group plans to participate as an active coalition member for the proposed project and continue our ongoing collaboration with YMPJ towards advancing policies and practices that promote food system equity, food access, and nutrition education; community resources and a built environment that support increased physical activity; and family healthy weight programs that are evidence-based and accessible. Place Solutions Group has extensive experience in the connection between food access and placemaking and is currently working with YMPJ on community visioning sessions to study our hyper local area and understand what the community wishes to see in the spaces and will use that work to inform our work with EJCPS as well.

YMPJ's work shows their dedication to addressing not just the symptoms, but the complex systemic causes of environmental injustice and related community health impacts in the South Bronx. It is because of their work and continuing commitment to the youth and residents of our community that we gladly support their proposal for the EJCPS Grant. I am confident that YMPJ will provide a comprehensive health impact assessment serving residents of all ages, and I am excited about the opportunities that this project will offer for YMPJ and the community they serve.

We have full confidence in David Shuffler and the YMPJ team on this application. Please feel free to reach out directly with any questions via email at Ex. 6 - Personal Privacy (PP) or via phone at Ex. 6 Personal Privacy (PP). Thank you for your time and consideration.

Sincerely,

Stephen Davies
Principal

April 17, 2023

U.S. Environmental Protection Agency (EPA)
Office of Environmental Justice and External Civil Rights (OEJECR)
1200 Pennsylvania Avenue, N.W..
Washington, DC 20460

To Whom It May Concern,

We are writing this letter to express our full support for Youth Ministries for Peace and Justice's (YMPJ) application to the Environmental Protection Agency's Environmental Justice Collaborative Problem-Solving (EJCPS) 2023 Grant Cycle.

The Bronx River Alliance serves as a coordinated voice for the river. We work in harmonious partnership to protect, improve and restore the Bronx River corridor. Our goal is to make a healthy ecological, recreational, educational, and economic resource for all communities through which the river flows. The Alliance works in close partnership with the New York City Parks as well as dozens of community-based partners, regional nonprofits, businesses and all levels of government. YMPJ has been a key community based organization in the Bronx River/Soundview area for more than three decades, and for the past thirteen years, YMPJ has demonstrated an unparalleled dedication to improving air quality conditions for all people who call the South Bronx their home. We have a deep history or partnership with YMPJ, and have seen firsthand their impactful work leading successful advocacy efforts around the recent proposed redevelopment of brownfields in their catchment area. We believe that YMPJ is ready to take on a comprehensive health impact survey focused on the redevelopment of the waterfront properties in their catchment to increase connected open space for recreation, decrease flooding by expanding green infrastructure, and improving local air quality. We will offer YMPJ access to available data, resources, and support, as well as serving as trusted advisors as they undertake the HIA in this area.

YMPJ's work shows their dedication to addressing not just the symptoms, but the complex systemic causes of environmental injustice and related community health impacts in the South Bronx. It is because of their work and continuing commitment to the youth and residents of our community that we gladly support their proposal for the EJCPS Grant. As a fellow stakeholder in the South Bronx, I am confident that YMPJ will provide a comprehensive health impact assessment serving residents of all ages, and I am excited about the opportunities that this project will offer for YMPJ and the community they serve.

Please feel free to reach out directly with any questions to me via email at christian.murphy@bronxriver.org or via phone at [Ex. 6 - Personal Privacy (PP)] Thank you for your time and consideration.

Sincerely,



Christian Murphy
Ecology Coordinator

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Youth Ministries for Peace and Justice, Inc.

Address: 1384 Stratford Avenue

City: Bronx

State: NY: New York Zip Code: 10472-1604

B. Unique Entity Identifier (UEI): W85WGJRUAL13

C. Applicant/Recipient Point of Contact

Name: David R. Shuffler, Jr.

Phone: Ex. 6 - Personal Privacy (PP)

Email: funddevelopment@ympj.org

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☒ Yes ☐ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

n/a

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

n/a

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

n/a

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

n/a

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

n/a

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
David R Shuffler	Executive Director	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: David | Middle Name: R.
Last Name: Shuffler | Suffix: Jr.

Title:

Complete Address:

Street1: 1384 Stratford Avenue
Street2:
City: Bronx | State: NY: New York
Zip / Postal Code: 10472-1604 | Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**

E-mail Address:

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: | Middle Name:
Last Name: | Suffix:

Title:

Complete Address:

Street1:
Street2:
City: | State:
Zip / Postal Code: | Country:

Phone Number: | **Fax Number:**

E-mail Address:

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: | Middle Name:
Last Name: | Suffix:

Title:

Complete Address:

Street1:
Street2:
City: | State:
Zip / Postal Code: | Country:

Phone Number: | **Fax Number:**

E-mail Address:

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: | First Name: | Middle Name:

Last Name: | Suffix:

Title:

Complete Address:

Street1:

Street2:

City: | State:

Zip / Postal Code: | Country:

Phone Number: | **Fax Number:**

E-mail Address:

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Youth Ministries for Peace and Justice, Inc.

* b. Employer/Taxpayer Identification Number (EIN/TIN): 13-4006535

* c. UEI: W85WGJRUAL13

d. Address:

* Street1: 1384 Stratford Avenue
Street2:
* City: Bronx
County/Parish:
* State: NY: New York
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 10472-1604

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: David
Middle Name: R.
* Last Name: Shuffler
Suffix: Jr.

Title: Executive Director

Organizational Affiliation:

* Telephone Number: Ex. 6 - Personal Privacy (PP)
Fax Number:

* Email: funddevelopment@ympj.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Youth Ministries for Peace and Justice (YMPJ)Bronx River Waterfront Redevelopment Health Impact Assessment

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: 15 | * b. Program/Project: 15

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 | * b. End Date: 10/31/2026

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	500,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix:	
* First Name:	David
Middle Name:	R.
* Last Name:	Shuffler
Suffix:	Jr.
* Title:	Executive Director
* Telephone Number:	Ex. 6 - Personal Privacy (PP)
Fax Number:	
* Email:	funddevelopment@ympj.org
* Signature of Authorized Representative:	David R Shuffler
* Date Signed:	04/14/2023

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

YMPJ_EPA EJCPS Application

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$11,430.00

1234-YMPJ EPA EJCPS Project Narrative.pdf
application/pdf
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Application
New
2023-04-14
Youth Ministries for Peace and Justice, Inc.
13-4006535
W85WGJRUAL13

1384 Stratford Avenue
Bronx
NY: New York
10472-1604
USA: UNITED STATES

David
R.
Shuffler
Jr.

Executive Director
EX. 6 - Personal Privacy (PP)
funddevelopment@ympj.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Youth Ministries for Peace and Justice (YMPJ)Bronx River Waterfront Redevelopment Health Impact Assessment

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2026-10-31
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c. Program is not covered by E.O. 12372.
N: No
Y: Yes
David
R.
Shuffler
Jr.

Executive Director
EX. 6 - Personal Privacy (PP)
funddevelopment@ympj.org
David R Shuffler
2023-04-14

David
R.
Shuffler
Jr.

1384 Stratford Avenue

Bronx
NY: New York
10472-1604
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)

1235-YMPJ_EJCPS_EPA Itemized Budget.pdf
application/pdf
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1236-YMPJ_EJCPS_EPA LogicModel.pdf
application/pdf
A4YVt2zdPHuJKxy6sJWA4GCbtbg=

1237-YMPJ_EJCPS_EPA_Non-Profit Status.pdf
application/pdf
xwrzZ34cGSvXK5jqva8QsNzVozA=

1238-David Shuffler Resume.pdf
application/pdf
6DOpC5rPu4z4jVVr7hq1ShjK6Tw=

1239-Siddhartha Sanchez Resume YMPJ.pdf
application/pdf
d+Yt53XejQLK0DgKwm9hf0X43iE=

Youth Ministries for Peace and Justice, Inc.
1384 Stratford Avenue
Bronx
NY: New York
10472-1604

W85WGJRUAL13
David R. Shuffler, Jr.
EX. 6 - Personal Privacy (PP)
funddevelopment@ympj.org
Executive Director
Y: Yes
n/a
n/a
n/a
N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
n/a

n/a
David R Shuffler
Executive Director
2023-04-14

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2023-04-14T13:30:06.000-04:00
David R Shuffler
GRANT13861290

Ex. 6 Personal Privacy (PP)
Telephone: Ex. 6 - Personal Privacy (PP)
Email: Ex. 6 Personal Privacy (PP)**@ympj.org**

SUMMARY OF EXPERIENCE: Managed an efficient funding program, which had a city-wide and a neighborhood focus. Spearheaded grant-making decisions on the board of an activist-advised community foundation. Coordinated community involved efforts to increase resources in neighborhoods throughout New York City for over ten years. Trained staff, volunteers, community members and other stake holders for eight years. Fundraised and managed relationships with foundations, banks, and public and private donors for over ten years.

EMPLOYMENT:

Youth Ministries For Peace and Justice, Inc.
1384 Stratford Avenue, Bronx, New York 10472

7/2010-Present — *Executive Director*
- Manage an efficient Community Based Organization that provides direct services and community organizing .
- Maintain and cultivate new relationships with potential funding sources.
- Coordinate and advocate for city, state and federal policy reform.

Association for Neighborhood and Housing Development
50 Broad Street, New York, NY 10004 Suite 1125

10/2005-4/2010 — *Director of Initiative for Neighborhood & City-Wide Organizing*
- Manage an efficient funding program.
- Maintain and cultivate new relationships with potential funding sources.
- Coordinate and advocate for citywide policy reform campaigns.

12/2004-9/2006 — *Director of Organizing Training*
- Provided multi-layered organizational capacity building assistance to over 100 not-for-profits.
- Lead New York City budgetary advocacy for HPD preservation contracts.
- Coordinated and advocated for citywide policy reform campaigns.

New York City Environmental Justice Alliance
115 West 30th Street, New York, NY 10001 Suite 709

12/2003-7/2004 — *Membership Coordinator*
- Coordinated participation of the seventeen member organizations.
- Supported staff with their relevant program areas.
- Developed trainings and workshops for the member organizations.

Youth Ministries For Peace and Justice, Inc.
1384 Stratford Avenue, Bronx, New York 10472

2/2002 – 11/2003 — *Police Reform Campaign Director*
- Coordinated a youth-led campaign for police reform within the South Bronx.
- Built alliances with community organizations, residents, and elected officials.
- Developed weekly curricula for youth programs.
- Submitted applications and final reports to foundations.

7/1999 – 1/2002 — *Environmental Justice Campaign Coordinator*
- Led an environmental justice campaign to revitalize the waterfront in the South Bronx.
- Coordinated ecological and educational restoration projects.
- Planned weekly curricula, developed progress reports, monitored youth programs and managed relationships with other environmental justice organizations.

10/1997 – 6/1999 — *Site Coordinator*
- Designed program schedules and tracked program objectives.
- Managed over one hundred members and ensured safety of program participants.

SPECIAL SKILLS: Trainer/ Facilitator/ Fundraiser/ Public Speaker
Proficient with Microsoft applications.

CATHOLIC CHARITIES
ARCHDIOCESE OF NEW YORK
PROVIDING HELP CREATING HOPE
100+ YEARS

Catholic Charities Archdiocese of New York
1011 First Avenue
New York, NY 10022
Ex. 6 - Personal Privacy (PP)
www.catholiccharitiesny.org

February 20, 2023

Dear Executive Director David Schuffler,

Enclosed is the 2022 Group Ruling issued by the IRS for all organizations listed in the Official Catholic Directory (Kennedy Directory). Your agency is located on pages 789 of the directory.

The information supplied is needed to verify your tax-exempt status as a Catholic Agency. I ask that you review the information provided and notify me of any changes that you would like made to your agency's listing. These changes will be reflected in the supplementary addition of the Official Catholic Directory in the end of 2023.

Please Note: You will also receive a form from the Official Catholic Directory publisher asking you for changes to your listing. That form should be completed and return to my attention not Sr. Dorothy Francke.

Please do not hesitate to contact me should you have any questions or need my assistance with this or any other matters.

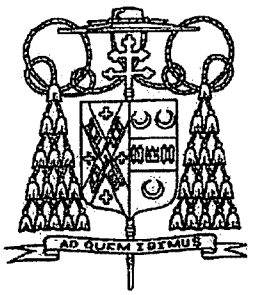
Sincerely,

Christina y Perez

Christina Perez
Associate Director Agency Relations

Archdiocese of New York

(Archidioecesis Neo-Eboracensis)



HIS EMINENCE TIMOTHY MICHAEL CARDINAL DOLAN, D.D., PH.D.

Archbishop of New York; ordained June 19, 1976; appointed Auxiliary Bishop of St. Louis June 19, 2001; received Episcopal consecration August 15, 2001; appointed Archbishop of Milwaukee June 25, 2002; installed as Tenth Archbishop August 28, 2002; appointed Archbishop of New York February 23, 2009; installed April 15, 2009; elevated to College of Cardinals February 18, 2012. Office: 1011 First Ave., New York, NY 10022.

Catholic Center: 1011 First Ave., New York, NY 10022. T: [Ex. 6 Personal Privacy (PP)] F: [Ex. 6 Personal Privacy (PP)]
www.archny.org

SEE ERECTED APRIL 8, 1808.

Square Miles 4,683.

Created an Archdiocese July 19, 1850.

Comprises the Boroughs of Manhattan, Bronx, and Richmond of the City of New York, and the Counties of Dutchess, Orange, Putnam, Rockland, Sullivan, Ulster and Westchester in the State of New York.

Legal Title: Archdiocese of New York.

MOST REVEREND PETER J. BYRNE, D.D.
Auxiliary Bishop of New York; ordained December 1, 1984; appointed Titular Bishop of Cluain Iraird and Auxiliary Bishop of New York June 14, 2014; received Episcopal consecration August 4, 2014. Res: Parish of St. Anselm & St. Roch, 685 Tinton Ave., Bronx, NY 10455.

MOST REVEREND GERARDO J. COLACICCO, D.D., S.T.L.
Auxiliary Bishop of New York; ordained November 6, 1982; appointed Titular Bishop of Erdonia and Auxiliary Bishop of New York October 10, 2019; received Episcopal consecration December 10, 2019. Res: Church of the Holy Cross, 626 County Route 22, Middletown, NY 10940.

MOST REVEREND EDMUND J. WHALEN, D.D., S.T.D.
Auxiliary Bishop of New York; ordained June 23, 1984; appointed Titular Bishop of Cemerinianus and Auxiliary Bishop of New York October 10, 2019; received Episcopal consecration December 10, 2019. Office: 1011 First Avenue, New York, NY 10022.

MOST REVEREND JOHN S. BONNICI
Auxiliary Bishop of New York; ordained on June 22, 1991; appointed Titular Bishop of Arindela and Auxiliary Bishop of New York on January 25, 2022; consecrated on March 1, 2022. Res: Sts. John and Paul; 280 Weaver St., Larchmont, NY 10538.

THE MOST REVEREND JOSEPH A. ESPAILLAT
Auxiliary Bishop of New York; ordained on May 17, 2003; appointed Titular Bishop of Tagarbala and Auxiliary Bishop of New York on January 25, 2022; consecrated on March 1, 2022. Res: St. Anthony of Padua; 832 East 166th St., Bronx, NY 10459.

STATISTICAL OVERVIEW

Personnel

Cardinals	1
Auxiliary Bishops	5
Retired Bishops	5
Priests: Diocesan Active in Diocese	305
Priests: Diocesan Active Outside Diocese	11
Priests: Retired, Sick or Absent	175
Number of Diocesan Priests	491
Religious Priests in Diocese	587
Total Priests in your Diocese	1,078
Extern Priests in Diocese	165
Ordinations:	
Diocesan Priests	6
Religious Priests	4
Transitional Deacons	6
Permanent Deacons	8
Permanent Deacons in Diocese	376
Total Brothers	223
Total Sisters	1,750

Parishes

Parishes	284
With Resident Pastor:	
Resident Diocesan Priests	225
Resident Religious Priests	59
Missions	32
Closed Parishes	1
Professional Ministry Personnel:	
Brothers	4
Sisters	120
Lay Ministers	330

Welfare

Catholic Hospitals	6
Total Assisted	36,600
Health Care Centers	7
Total Assisted	6,700
Homes for the Aged	11
Total Assisted	10,500
Residential Care of Children	32
Total Assisted	957
Day Care Centers	346
Total Assisted	4,307
Specialized Homes	29
Total Assisted	1,136
Special Centers for Social Services	101
Total Assisted	325,919
Residential Care of Disabled	111
Total Assisted	2,451
Other Institutions	2,134
Total Assisted	20,592

Educational

Seminaries, Diocesan	1
Students from This Diocese	11
Students from Other Dioceses	39
Diocesan Students in Other Seminaries	18
Seminaries, Religious	6
Students, Religious	33
Total Seminarians	62
Colleges and Universities	9
Total Students	36,925
High Schools, Diocesan and Parish	8
Total Students	2,738
High Schools, Private	35
Total Students	18,008
Elementary Schools, Diocesan and Parish	105
Total Students	29,443
Elementary Schools, Private	14
Total Students	3,238
Non-residential Schools for the Disabled	8
Total Students	49
Catechesis / Religious Education:	
High School Students	2,643
Elementary Students	41,113
Total Students under Catholic Instruction	134,219
Teachers in Diocese:	
Priests	11
Brothers	10
Sisters	28
Lay Teachers	3,156

Vital Statistics

Receptions into the Church:	
Infant Baptism Totals	8,446
Minor Baptism Totals	659
Adult Baptism Totals	275
Received into Full Communion	201
First Communions	10,130
Confirmations	10,271
Marriages:	
Catholic	1,319
Interfaith	234
Total Marriages	1,553
Deaths	8,203
Total Catholic Population	2,507,298
Total Population	6,238,441

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C.P., Mem.; Rev. Francis Landry, C.P., Mem.; Rev. John Michael Lee, C.P., Mem.; Rev. Luis Alfredo Lopez Galarza, C.P., Mem.; Rev. William Maguire, C.P., Mem.; Rev. Thomas McCann, C.P., Mem.; Rev. Bernard McEachern, C.P., Mem.; Rev. Jerome McKenna, C.P., Mem.; Rev. John McMillan, C.P., Mem.; Rev. Bonaventure Moccia, C.P., Mem.; Rev. David Monaco, C.P., Mem.; Rev. Jose Ramon Montanez Lopez, C.P., In Res.; Rev. Edwin Moran, C.P., Mem.; Rev. John Muthengi, C.P., Mem.; Rev. Richard Nalepa, C.P., Mem.; Rev. Gaston Nsongolo, C.P., Mem.; Rev. Gilbert Otieno Omolo, C.P., Mem.; Rev. Lionel Pacheco, C.P., Mem.; Rev. Siti Padinjaredath, C.P., Mem.; Rev. Gregory Paul, C.P., Mem.; Rev. Kenan Peters, C.P., Mem.; Rev. Claudio Piccinini, C.P., Mem.; Rev. John Powers, C.P., Mem.; Rev. Brando Recana, C.P., Mem.; Rev. Salvatore Riccardi, C.P., Mem.; Rev. Anibal Rodriguez, C.P., Mem.; Rev. Carlos Luis Rodriguez Hernandez, C.P., Mem.; Rev. Michael Rowe, C.P., Mem.; Rev. Paul Ruttle, C.P., Mem.; Rev. Robin Ryan, C.P., Mem.; Rev. Lawrence Rywalt, C.P., Mem.; Rev. Michael J. Salvagna, C.P., Mem.; Rev. Joseph Sedley, C.P., Mem.; Rev. Vincent Segotta, C.P., Mem.; Rev. Melvin Shorter, C.P., Mem.; Rev. Terence Skorka, C.P., Mem.; Rev. Jed Sumampong, C.P., Mem.; Rev. Paul Vaeth, C.P., Mem.; Rev. Theodore Vitali, C.P., Mem.; Rev. Mark Ward, C.P., Mem.; Rev. Mark G. Ward, C.P., Mem.; Rev. Donald Ware, C.P., Mem.; Rev. Paul Wierichs, C.P., Mem.; Rev. Edward Wolanski, C.P., Mem.; Rev. Junesh Xavier, C.P., Mem.; Rev. Vincent Youngberg, C.P., Mem.; Bro. Leo DiFiore, C.P., Mem.; Bro. Luis Daniel Guivas Gerena, C.P., Mem.; Bro. Edward Hall, C.P., Mem.; Bro. James Johnson, C.P., In Res.; Bro. Augustine Lowe, C.P., Mem.; Bro. Cristian Joel Martinez Montalvo, C.P., Mem.; Bro. Andre Mathieu, C.P., Mem.; Bro. Robert McKenna, C.P., Mem.; Bro. Michael Moran, C.P., Mem.; Bro. Jonathan Emanuel Pabon Tirado, C.P., Mem.; Bro. August Parlavecchio, C.P., Mem.; Bro. Joseph Rogers, C.P., Mem.; Bro. Angelo Sena, C.P., Mem.; Bro. Terrence Scanlon, C.P., Mem.; Bro. Michael Stomber, C.P., Mem.; Bro. Daniel Turner, C.P., Mem.;

Passionist Volunteers International - 111 S. Ridge St., Ste 302, Rye Brook, NY 10573 t) Ex. 6 Personal Privacy (PP) passionistvolunteers.org Ross Boyle, Dir.;

STATEN ISLAND

~~St. Francis Friary~~ - 500 Todt Hill Rd., Staten Island, NY 10304 t) Ex. 6 Personal Privacy (PP) Rev. Edward Costello, O.F.M.Conv.; Rev. Brennan-Joseph Farleo, O.F.M.Conv.; Rev. George Sabol, O.F.M. Conv.; Bro. Joseph Freitag, In Res.; Rev. Philip Blaine, O.F.M.Conv., Dir.;

Friars Minor Conventual Immaculate Conception Province Charitable Trust -

WEST PARK

~~Congregation~~ of Christian Brothers - Santa Maria-on-Hudson, P.O. Box 39, West Park, NY 12493 t) Ex. 6 Personal Privacy (PP) Bro. John B. Chaney, C.F.C.; Bro. D. D. Crimmins, C.F.C.; Bro. J. Laurence Heathwood, C.F.C.; Bro. R.J. Lasik, C.F.C.; Bro. Richard E. Pigott, C.F.C.; Bro. Anthony Alex Cannon, C.F.C., Contact;

WHITE PLAINS

~~Capuchin Friars~~ International, Inc. - 30 Gedney Park Dr., White Plains, NY 10605-3599; Mailing: 3613 Wyandot St., Denver, CO 80211 e) Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) www.ofmcap.org Bro. Mark Schenk, O.F.M.Cap., Pres.; Rev. Giampiero Gambaro, O.F.M.Cap. (Italy), Secy.; Rev. Victorius Pictorius, O.F.M.Cap., Vice Pres.;

Capuchin Friars of North America - Legal Titles: NAPCC/North America Pacific Capuchin Conference 30 Gedney Park Dr., White Plains, NY 10605-3599; Mailing: Ex. 6 Personal Privacy (PP) Cranberry Township, PA 16066 t) Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) San Lorenzo Novitiate Seminary Bro. Mark Schenk, O.F.M.Cap., Pres.; Rev. Michael Greco, OFM Cap, Vice. Pres.; Thomas Gray Jr., Treas.; Brs.: 574; Priests: 524

The Province of St. Mary of the Capuchin Order - 30 Gedney Park Dr., White Plains, NY 10605-3599 t) Ex. 6 Personal Privacy (PP) treasurer@capuchin.org www.capuchin.org Rev. Robert J. Abbatiello, O.F.M.Cap., Vicar; Rev. Joseph Flynn, O.F.M.Cap., In Res.; Bro. Timothy Jones, OFMCap, In Res.; Rev. Gregory Reisert, OFMCap, In Res.; Rev. John Rathschmidt, O.F.M.Cap., Sacr. Min.; Rev. Michael Greco, OFM Cap, Prov.; Bro. Roger Deguire, O.F.M.Cap., Archivist; Rev. Charles Sammons, OFMCap, Secy.; Bro. Joseph S Yakimovich, OFMCap, Treas.; Dianne Cassidy, Bus. Mgr.; Brs.: 29; Priests: 92

YONKERS

St. Clare Friary - Legal Titles: Capuchin Franciscan Friars, Province of St. Mary. 110 Shonnard Pl., Yonkers, NY 10703 t) Ex. 6 Personal Privacy (PP) Residence for Senior Friars. Rev. Gordon Combs, OFM Cap, In Res.; Rev. Michael Connolly, In Res.; Rev. Theodosius Corley, O.F.M.Cap., In Res.; Bro. Paul Crawford, OFM Cap, In Res.; Rev. Don Bosco Duquette, OFM Cap, In Res.; Rev. Paul Engel, O.F.M.Cap., In Res.; Bro. Carmine Funaro, OFM Cap, In Res.; Rev. Patrick Glavin, OFM Cap, In Res.; Rev. Joseph Gurdak, OFM Cap, In Res.; Rev. Thomas Houle, OFM Cap, In Res.; Rev. Eugene O'Hara, OFM Cap, In Res.; Rev. Salvatore Patricola, O.F.M. Cap., In Res.; Rev. Philip Romano, O.F.M. Cap., In Res.; Rev. Eugene Sheehan, OFM Cap, In Res.; Rev. Raynold Thibodeau, OFM Cap, In Res.; Rev. William Winters, OFM Cap., In Res.; Bro. Timothy Aller, O.F.M.Cap., Guardian; Rev. Michael Banks, OFM Cap., Fraternal Vicar; Bro. Roger Deguire, O.F.M.Cap., Provincial Archivist; Rev. Gabriel Massaro, OFM Cap, Senior Care Team; Rev. Andrew Nowak, OFM Cap, Senior Care Assistant; Rev. Seaan Taylor, O.F.M.Cap., Senior Care Team;

St. Leopold's Friary - 259 Nepperhan Ave., Yonkers, NY 10701-3461 t) Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) www.franciscanfriars.com (Franciscan Friars of the Renewal), (House of Studies) Rev. Joseph Michael Fino, C.F.R., Vicar; Bro. Seraphim Pio Banlbaki, C.F.R.; Bro. Isaiah Marie Hofmann, CFR; Rev. Luke Mary Fletcher, C.F.R., Pst. Assoc.; Rev. Fidelis Moscinski, C.F.R., Pst. Assoc.; Rev. Conrad Osterhout, CFR, Pst. Assoc.; Rev. Lawrence Schroedel, CFR, Pst. Assoc.; Rev. John-Mary Johannssen, Supr.; Bro. Pius Gagne, C.F.R., Mem.; Bro. Michelangelo Best, CFR, Seminarian; Brs.: 4; Priests: 5

NURSING / REHABILITATION / CONVALESCENCE / ELDERLY CARE [NUR]

BRONX

Bon Secours New York Health System, Inc. - Legal Titles: Frances Schervier Home and Hospital, Frances Schervier Housing Development Fund Corporation 2975 Independence Ave., Bronx, NY 10463-4699 t) Ex. 6 Personal Privacy (PP) www.schervercares.org Travis Crum, Trustee;

Jeanne Jugan Residence - 2999 Schurz Ave., Bronx, NY 10465 t) Ex. 6 Personal Privacy (PP) bxmothersuperior@littlesistersofthepoor.org www.littlesistersofthepoorbronx.org Sr. Gertrude Maiorino, Pres.; Asstd. Annu.: 46; Staff: 47

St. Patrick's Home for the Aged and Infirm - Legal Titles: Carmelite Sisters for the Aged and Infirm, 66 Van Cortlandt Park S., Bronx, NY 10463 t) Ex. 6 Personal Privacy (PP) www.admissions@stpatrickshome.org www.stpatrickshome.org/ Sr. M. Kevin Patricia, O.Carm., Admin.;

Providence Rest - 3304 Waterbury Ave., Bronx, NY 10465 t) Ex. 6 Personal Privacy (PP) prnh@providencerest.org www.providencerest.org Richard Biscotti, Admin.; Asstd. Annu.: 320; Staff: 207

St. Vincent de Paul Residence - 900 Intervale Ave., Bronx, NY 10459 t) Ex. 6 Personal Privacy (PP) www.archcare.org/san-vicente-de-paul Richard Biscotti, Admin.;

DOBBS FERRY

Cabrini of Westchester - 115 Broadway, Dobbs Ferry, NY 10522 t) Ex. 6 Personal Privacy (PP) www.cabrini-eldercare.org Patricia Krasnausky, Pres.; Rev. Thomas John Vadakemuriyil, CMI (India), Dir.; Asstd. Annu.: 700; Staff: 340

MIDDLETOWN

St. Teresa's Nursing Home - 120 Highland Ave., Middletown, NY 10940 t) Ex. 6 Personal Privacy (PP) mchaiken@chcsnet.org

NEW YORK

Kateri Residence - 150 Riverside Dr., New York, NY 10024-2201 t) Ex. 6 Personal Privacy (PP) www.archcare.org Skilled Nursing Care/Residential Health Care Facility for the Elderly.

Mary Manning Walsh Home - Legal Titles: Carmelite Sisters for the Aged and Infirm, 1339 York Ave., New York, NY 10021 t) Ex. 6 Personal Privacy (PP) www.archcare.org/mary-manning-walsh Michael Monahan, Admin.;

Terence Cardinal Cooke Health Care Center - 1249 Fifth Ave., New York, NY 10029 t) Ex. 6 Personal Privacy (PP) www.archcare.org/terence-cardinal-cooke Rosalie Bernard, Admin.;

RHINEBECK

~~Ferncliff Nursing~~ Home - 21 Ferncliff Dr., Rhinebeck, NY 12572 t) Ex. 6 Personal Privacy (PP) www.archcare.org/ferncliff Member: Catholic Health Care System. Michael Deyo, Admin.;

STATEN ISLAND

~~Carmel Richmond~~ Healthcare and Rehabilitation Center - Legal Titles: Carmelite Sisters for the Aged and Infirm, 88 Old Town Rd., Staten Island, NY 10304-4299 t) Ex. 6 Personal Privacy (PP) www.archcare.org/carmel-richmond Sr. Maureen T. Murray, O.Carm., Pres.;

Friends of Carmel Richmond, Inc. - Adult Daycare Program.

WARWICK

~~Schervier Pavilion~~ - Legal Titles: Sisters of Charity of St. Elizabeth, Sisters of Bon Secours 22 Van Duzer Pl., Warwick, NY 10990 t) Ex. 6 Personal Privacy (PP) bschs.bonsecours.com Part of Bon Secours Charity Health System. Clare Brady, Senior Vice Pres. Mission; Jeff Reilly, Senior Vice Pres. & Admin.;

PRESCHOOLS / CHILDCARE CENTERS [PRE]

BRONX

St. Francis Youth Center, Inc. - 427 E. 155th St., Bronx, NY 10455 t) Ex. 6 Personal Privacy (PP) Yvette Torres, Admin.; Rev. Bonaventure Rummell, C.F.R., Dir.;

Little Angels Head Start Program - 529 Courtlandt Avenue, Bronx, NY 10451; Mailing: 115 Stevens Avenue, Suite LL5, Valhalla, NY 10595 t) Ex. 6 Personal Privacy (PP) rgershenlowy@cmcs.org www.littleangelsheadstart.org Beth Finnerty, Pres.;

Youth Ministries for Peace & Justice, Inc. - 1384 Stratford Ave., Bronx, NY 10472 t) Ex. 6 Personal Privacy (PP) dshuffler@ympj.org www.ympj.org

GARRISON

Capuchin Youth and Family Ministries - 781 Rte. 9D, Garrison, NY 10524 t) Ex. 6 Personal Privacy (PP) cyfm@cyfm.org www.cyfm.org A ministry of the Capuchin Franciscan Province of St. Mary. Rev. Erik Lenhart, Chap.; Rev. Fred Nickle, O.F.M.Cap., Chap.; Thomas Brinkmann, Dir.;

HIGHLAND MILLS

Thevenet Montessori School - Legal Titles: Religious of Jesus and Mary. 21 Bethany Dr., Highland Mills, NY 10930 t) Ex. 6 Personal Privacy (PP) Sr. Joan Faraone, R.J.M., Dir.; Stds.: 128; Lay Tchrs.: 10

LINCOLNDALE

Lincoln Hall - P.O. Box 600, Lincolndale, NY 10540 t) Ex. 6 Personal Privacy (PP) info@lincolnhall.org Jack Flavin, Exec.;

MILLBROOK

Cardinal Hayes Home for Children - Legal Titles: Cardinal Hayes Home for Children at Millbrook New York St. Joseph Dr., P.O. Box CH, Millbrook, NY 12545 t) Ex. 6 Personal Privacy (PP) msontheimer@cardinalhayeshome.org; mbroe@cardinalhayeshome.org

Internal Revenue Service
P.O. Box 2508
Cincinnati, OH 45201

Department of the Treasury

Date: August 24, 2022

Person to Contact:
R. Meyer ID# 0110429
Toll Free Telephone Number:
Ex. 6 - Personal Privacy (PP)

United States Conference of Catholic Bishops
3211 4th Street, NE
Washington, DC 20017-1194

Group Exemption Number:
0928

Dear Sir/Madam:

This responds to your June 23, 2022, request for information regarding the status of your group tax exemption.

Our records indicate that you were issued a determination letter in March 1946, that you are currently exempt from federal income tax under section 501(c)(3) of the Internal Revenue Code, and are not a private foundation within the meaning of section 509(a) of the Code because you are described in sections 509(a)(1) and 170(b)(1)(A)(i).

With your request, you provided a copy of the *Official Catholic Directory for 2022*, which includes the names and addresses of the agencies and instrumentalities and the educational, charitable, and religious institutions operated by the Roman Catholic Church in the United States, its territories, and possessions that are subordinate organizations under your group tax exemption. Your request indicated that each subordinate organization is a non-profit organization, that no part of the net earnings thereof inures to the benefit of any individual, and that no substantial part of their activities is for promotion of legislation. You have further represented that none of your subordinate organizations is a private foundation under section 509(a), although all subordinates do not all share the same sub-classification under section 509(a). Based on your representations, the subordinate organizations in the *Official Catholic Directory for 2022* are recognized as exempt under section 501(c)(3) of the Code under GEN 0928.

Donors may deduct contributions to you and your subordinate organizations as provided in section 170 of the Code. Bequests, legacies, devises, transfers, or gifts to them or for their use are deductible for federal estate and gifts tax purposes if they meet the applicable provisions of section 2055, 2106, and 2522 of the Code.

Subordinate organizations under a group exemption do not receive individual exemption letters. Subordinate organizations are not listed in Tax Exempt Organization Search (Pub 78 data), and many are not listed in the Exempt Organizations Business Master

File extract, or EO BMF. Donors may verify that a subordinate organization is included in your group exemption by consulting the *Official Catholic Directory*, the official subordinate listing approved by you, or by contacting you directly. IRS does not verify the inclusion of subordinate organizations under your group exemption. *See* IRS Publication 4573, *Group Exemption*, for additional information about group exemptions.

Each subordinate organization covered in a group exemption should have its own EIN. Each subordinate organization must use its own EIN, not the EIN of the central organization, in all filings with IRS.

If you have any questions, please call us at the telephone number shown in the heading of this letter.

Sincerely,

Stephen A. Martin
Director, Exempt Organizations
Rulings and Agreements

Office of the General Counsel

3211 FOURTH STREET, NE • WASHINGTON, DC 20017-1194 • Ex. 6 - Personal Privacy (PP) • FAX Ex. 6 Personal Privacy (PP)

DATE: September 6, 2022

TO: Subordinate Organizations under USCCB Group Ruling (GEN: 0928)

SUBJECT: 2022 Group Ruling

FROM: Anthony Picarello, General Counsel ARP
Madeline Obler, Assistant General Counsel MO

This memorandum relates to the annual Group Ruling determination letter issued to the United States Conference of Catholic Bishops ("USCCB") by the Internal Revenue Service ("IRS"), the most recent of which is dated August 24, 2022, with respect to the federal tax status of subordinate organizations listed in the 2022 edition of the Official Catholic Directory ("OCD").[1] As explained in greater detail below, this 2022 Group Ruling determination letter is important for establishing:

(1) exemption of subordinate organizations under the USCCB Group Ruling from federal income tax; and

(2) deductibility of contributions to such organizations for federal income, gift, and estate tax purposes.

The 2022 Group Ruling determination letter is the latest in a series that began with the original determination letter of March 25, 1946. In the original 1946 letter, the Treasury Department affirmed the exemption from federal income tax of all Catholic institutions listed in the OCD for that year. Each year since 1946, in a separate letter, the 1946 ruling has been reaffirmed with respect to subordinate organizations listed in the current edition of the OCD.[2] The annual group ruling letter clarifies important tax consequences for Catholic institutions listed in the OCD, and should be retained for ready reference. Group Ruling letters from prior years establish tax consequences with respect to transactions occurring during those years.

Responsibilities under Group Ruling. Diocesan officials who compile OCD information for submission to the OCD publisher are responsible for the accuracy of such information. They must ensure that only qualified organizations are listed, that organizations are listed under their correct legal names, that organizations that cease to qualify are deleted promptly, and that newly-

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[1] A copy of the most recent Group Ruling determination letter and this memo may be found on the General Counsel's "Tax and Group Ruling" page.

[2] Catholic organizations with independent IRS exemption determination letters are listed in the 2022 OCD with an asterisk (*), which indicates that such organizations are **not** included in the Group Ruling.

qualified organizations are listed as soon as possible.

EXPLANATION

1. **Exemption from Federal Income Tax**. The latest Group Ruling determination letter reaffirms that the agencies and instrumentalities and educational, charitable, and religious institutions operated, supervised or controlled by or in connection with the Roman Catholic Church in the United States, its territories or possessions that appear in the 2022 OCD and are subordinate organizations under the Group Ruling are recognized as exempt from federal income tax and described in section 501(c)(3) of the Code. The Group Ruling determination letter does not cover organizations listed with asterisks or any foreign organizations listed in the 2022 OCD.

Verification of Exemption under Group Ruling. The latest Group Ruling determination letter indicates that subordinate organizations are not listed in Tax Exempt Organization Search (Pub. 78 data) ("TEOS," formerly "EO Select Check), and many are not listed in the Exempt Organizations Business Master File extract, or EO BMF . As a result, many subordinate organizations included in the USCCB Group Ruling are not included in various online databases (e.g., GuideStar) that are derived from the EO BMF. This does not mean that subordinate organizations included in the Group Ruling are not tax exempt, that contributions to them are not deductible, or that they are not eligible for grant funding from corporations, private foundations, sponsors of donor-advised funds or other donors that rely on online databases for verification of tax-exempt status. It does mean that a Group Ruling subordinate may have to make an extra effort to document its eligibility to receive charitable contributions. The Group Ruling determination letter states that donors may verify that a subordinate organization is included in the Group Ruling by consulting the Official Catholic Directory or by contacting the USCCB directly. It also states that the IRS does not verify inclusion of subordinate organizations under the Group Ruling. *Accordingly, neither subordinate organizations nor donors should contact the IRS to verify inclusion under the Group Ruling.*

Subordinate organizations should refer donors, including corporations, private foundations, and sponsors of donor-advised funds, to the specific language in the Group Ruling determination letter regarding verification of tax-exempt status and to IRS Publication 4573, *Group Exemptions*, available on the IRS website at www.irs.gov.[3] Publication 4573 explains that: (1) the IRS does not determine which organizations are included in a group exemption; (2) subordinate organizations exempt under a group exemption do not receive their own IRS determination letters; (3) exemption under a group ruling is verified by reference to the official subordinate listing (e.g., the Official Catholic Directory); and (4) it is not necessary for an organization included in a group exemption to be listed in TEOS or the EO BMF. Although not required, organizations in the Group Ruling may be included in the EO BMF, and consequently, online databases derived from it.

[3] For an illustration of how exemption verification works, refer to the "Information for Donors and Grantmakers" link on the USCCB website "Tax and Group Ruling." page.

2. **Public Charity Status**. The latest Group Ruling determination letter recognizes that subordinate organizations included in the 2022 OCD are public charities and not private foundations under section 509(a) of the Code, but that all subordinate organizations do not share the same public charity status under section 509(a). Therefore, although the USCCB is classified as a public charity under sections 509(a)(1) and 170(b)(1)(A)(i), that public charity status does *not* automatically extend to subordinate organizations covered under the Group Ruling.

Verification of Public Charity Status. Each subordinate organization in the Group Ruling must establish its own public charity status under section 509(a)(1), 509(a)(2), or 509(a)(3) as a condition to inclusion in the Group Ruling. Certain types of subordinate organizations included in the Group Ruling qualify as public charities by definition under the Code. These are:

- churches and conventions or associations of churches under sections 509(a)(1) and 170(b)(1)(A)(i) (generally limited to dioceses, parishes and religious orders);
- elementary and secondary schools, colleges and universities under sections 509(a)(1) and 170(b)(1)(A)(ii); and
- hospitals under sections 509(a)(1) and 170(b)(1)(A)(iii).

Other subordinate organizations covered under the Group Ruling may qualify under the public support tests of either sections 509(a)(1) and 170(b)(1)(A)(vi) or section 509(a)(2). Verification of public charity classification under either of the support tests generally can be established by providing a written declaration of the applicable classification signed by an officer of the organization, along with a reasoned written opinion of counsel and a copy of Schedule A of Form 990/EZ, if applicable. Large institutional donors, such as private foundations and sponsors of donor-advised funds, may require this verification prior to making a contribution or grant to be assured that the grantee is not a Type III non-functionally integrated supporting organization.[4] A subordinate organization included in the Group Ruling may want to file Form 8940, Request for Miscellaneous Determination, with the IRS to request a determination that it is a publicly supported charity described in sections 509(a)(1) and 170(b)(1)(A)(vi) or section 509(a)(2), or is a Type I or II supporting organization, in order to satisfy private foundations and sponsors of donor-advised funds regarding its public charity status.

3. **Deductibility of Contributions**. The latest Group Ruling determination letter assures donors that contributions to subordinate organizations listed in the 2022 OCD are deductible for federal income, gift, and estate tax purposes.

4. **Unemployment Tax**. As section 501(c)(3) organizations, subordinate organizations covered by the Group Ruling are exempt from *federal* unemployment tax; however, individual states may impose unemployment tax on subordinate organizations even

[4] *See* Notice 2014-4, 2014-2 I.R.B (January 6, 2014).

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though they are exempt from federal unemployment tax. Please consult a local tax advisor about any state unemployment tax questions.

5. **Social Security Tax**. All section 501(c)(3) organizations, including churches, are required to withhold and pay taxes under the Federal Insurance Contributions Act (FICA) for each employee.[5] However, services performed by diocesan priests in the exercise of their ministry are not considered "employment" for FICA (Social Security) purposes.[6] FICA should not be withheld from their salaries. *For Social Security purposes*, diocesan priests are subject to self-employment tax ("SECA") on their salaries as well as on the value of meals and housing or housing allowances provided to them.[7] Neither FICA nor income tax withholding is required on remuneration paid directly to religious institutes for members who are subject to vows of poverty and obedience and are employed by organizations included in the Official Catholic Directory.[8]

6. **Federal Excise Tax**. Inclusion in the Group Ruling has no effect on a subordinate organization's liability for federal excise taxes. Exemption from these taxes is very limited. Please consult a local tax advisor about any excise tax questions.

7. **State/Local Taxes**. Inclusion in the Group Ruling does not automatically establish a subordinate organization's exemption from state or local income, sales, or property taxes. Typically, separate exemptions must be obtained from the appropriate state or local tax authorities in order to qualify for any applicable exemptions. Please consult a local tax advisor about any state or local tax exemption questions.

8. **Form 990/EZ/N**. All subordinate organizations included in the Group Ruling must file Form 990, Return of Organization Exempt from Income Tax, Form 990-EZ, Short Form Return of Organization Exempt From Income Tax, or Form 990-N, e-Postcard, *unless* they are eligible for a mandatory or discretionary exception to this filing requirement. ***There is no automatic exemption from the Form 990/EZ/N filing requirement simply because an organization is included in the Group Ruling or listed in the OCD.*** Subordinate organizations must use their own EIN to file Form 990/EZ/N. **Do not** use the EIN of the USCCB or an affiliated parish, diocese or other organization to file a return. Form 990/EZ/N is due by the 15th day of the fifth month after the close of an organization's fiscal year.[9] The following

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[5] Section 3121(w) of the Code permits certain church-related organizations to make an irrevocable election to avoid payment of FICA taxes, but only if such organizations are opposed for religious reasons to payment of social security taxes.

[6] I.R.C. § 3121(b)(8)(A).

[7] I.R.C. § 1402(a)(8).

[8] Rev. Rul. 77-290, 1977-2 C.B. 26. *See also* USCCB/RCRI Memorandum on Compensation of Religious, (September 11, 2020).

[9] The penalty for failure to file the Form 990/EZ is $20 for each day the failure continues, up to a maximum of $10,000 or 5 percent of the organization's gross receipts, whichever is less; however, organizations with annual gross receipts in excess of $1 million are subject to penalties of $100 per day, up to a maximum of $50,000. I.R.C. § 6652(c)(1)(A). There is no monetary penalty for failing to file or filing late a Form 990-N.

organizations are not required to file Form 990/EZ/N: (i) churches and conventions or associations of churches; (ii) integrated auxiliaries;[10] (iii) the exclusively religious activities of religious orders; and (iv) schools below college level affiliated with a church or operated by a religious order.[11] Organizations should exercise caution if they choose not to file a Form 990/EZ/N because they believe they are not required to do so. If IRS records indicate that the organization should file a Form 990/EZ/N each year (for example, the organization receives an IRS notice stating that it failed to file a return for a given year), then the organization may appear on the auto-revocation list notwithstanding its claim to being exempt from the filing requirement.

Which form an organization is required to file usually depends on the organization's gross receipts or the fair market value of its assets.

Gross receipts or fair market value of assets	Return required
Gross receipts normally not more than $50,000 (regardless of total assets)	990-N (but may file a Form 990 or 990-EZ)
Gross receipts < $200,000, *and* Total assets < $500,000	990-EZ (but may file a Form 990)
Gross receipts ≥ $200,000, *or* Total assets ≥ $500,000	990

Special Rules for Section 509(a)(3) Supporting Organizations. Every supporting organization described in section 509(a)(3) included in the Group Ruling must file a Form 990 or Form 990-EZ (and not Form 990-N) each year, unless (i) the organization can establish that it is an integrated auxiliary of a church within the meaning of Treas. Reg. § 1.6033-2(h) (in which case the organization need not file Form 990/EZ *or* Form 990-N); or (ii) the organization's gross receipts are normally not more than $5,000, in which case, the religious supporting organization may file Form 990-N in lieu of a Form 990 or Form 990-EZ.

Automatic Revocation for Failure to File a Required Form 990/EZ/N. Any organization that does not file a required Form 990/EZ/N for three consecutive years automatically loses its tax-exempt status under section 6033(j). The IRS is required to send an organization a notice if the organization fails to file Form 990/EZ/N for two consecutive years informing the organization that the IRS has no record of a return for two consecutive years and the organization's tax exemption will be automatically revoked if the IRS does not receive a return from the organization by the due date for the next such return required to be filed.[12] If an organization loses its tax-exempt status under section 6033(j), it must file an application (Form

[10] I.R.C. § 6033(a)(3)(A)(i); Treas. Reg. § 1.6033-2(h).
[11] Treas. Reg. § 1.6033-2(g)(1)(vii).
[12] I.R.C. § 6033(j)(1)(A).

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1023 or Form 1023-EZ) with the IRS to reinstate its tax-exempt status. *See* the IRS website (charities and non-profits) at www.irs.gov/charities-non-profits for information on automatic revocation, including the current list of revoked organizations and guidance about reinstatement of exemption.

Public Disclosure and Inspection. Subordinate organizations required to file Form 990/EZ[13] must upon request make a copy of the form and its schedules (other than contributor lists) and attachments available for public inspection during regular business hours at the organization's principal office and at any regional or district offices having three or more employees. Form 990/EZ for a particular year must be made available for a three year period beginning with the due date of the return.[14] In addition, any organization that files Form 990/EZ must comply with written or in-person requests for copies of the form. The organization may impose no fees other than a reasonable fee to cover copying and mailing costs. If requested, copies of the forms for the past three years must be provided. In-person requests must be satisfied on the same day. Written requests must be satisfied within 30 days.[15]

Public Disclosure of Form 990-T. Form 990-T, Exempt Organization Unrelated Business Income Tax Return, for organizations exempt under section 501(c)(3) (which includes all organizations in the USCCB Group Ruling) is subject to rules similar to those for public inspection and copying of Forms 990/EZ.[16]

Group Returns. USCCB does not file a group return Form 990 on behalf of any organizations in the Group Ruling. In addition, no subordinate organization under the Group Ruling is authorized to file a group return for its own affiliated group of organizations.

For more information, refer to *Annual Filing Requirements for Catholic Organizations*, available at www.usccb.org/about/general-counsel/ under "Tax and Group Ruling."

9. **Certification of Racial Nondiscrimination by Private Schools in Group**

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[13] Form 990-N is available for public inspection at no cost through the IRS website at www.irs.gov.

[14] The penalty for failure to permit public inspection of the Form 990 is $20 for each day during which such failure continues, up to a maximum of $10,000. I.R.C. § 6652(c)(1)(C).

[15] I.R.C. § 6104(d). Generally, a copy of an organization's exemption application and supporting documents must also be provided on the same basis. However, since organizations included in the Group Ruling do not file exemption applications with the IRS, nor did the USCCB, organizations included in the Group Ruling should respond to requests for public inspection and written or in-person requests for copies by providing a copy of the page of the current OCD on which they are listed. If a covered organization does not have a copy of the current OCD, it has two weeks within which to make it available for inspection and to comply with in-person requests for copies. Written requests must be satisfied within the general time limits.

[16] Only the Form 990-T itself, and any schedules, attachments, and supporting documents that relate to the imposition of tax on the unrelated business income of the organization, are required to be made available for public inspection.

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Ruling. Revenue Procedure 75-50[17] sets forth notice, publication,[18] and recordkeeping requirements regarding racially nondiscriminatory policies with which private schools, including church-related schools, must comply as a condition of establishing and maintaining exempt status under section 501(c)(3) of the Code. Under Rev. Proc. 75-50 private schools are required to file an annual certification of racial nondiscrimination with the IRS. For private schools not required to file Form 990, the annual certification must be filed on Form 5578, Annual Certification of Racial Nondiscrimination for a Private School Exempt from Federal Income Tax. This form is available at www.irs.gov. Form 5578 must be filed by the 15th day of the fifth month following the close of the fiscal year. Form 5578 may be filed by an individual school or by the diocese on behalf of all schools operated under diocesan auspices. The requirements of Rev. Proc. 75-50 remain in effect and must be complied with by all schools listed in the OCD. ***Diocesan or school officials should ensure that the requirements of Rev. Proc. 75-50 are met since failure to do so could jeopardize the tax-exempt status of the school and, in the case of a school not legally separate from the church, the tax-exempt status of the church itself.*** For more information, refer to *Annual Filing Requirements for Catholic Organizations*, available at www.usccb.org/about/general-counsel/ under "Tax and Group Ruling."

10. **Lobbying Activities**. Subordinate organizations under the Group Ruling may lobby for changes in the law, provided such lobbying is not more than an insubstantial part of their total activities. Attempts to influence legislation both directly and through grassroots lobbying at the federal, state, or local levels are subject to this restriction. The term "lobbying" includes activities in support of or in opposition to referenda, constitutional amendments, and similar ballot initiatives. There is no distinction between lobbying activity that is related to a subordinate organization's exempt purposes and lobbying that is not. There is no fixed percentage that constitutes a safe harbor for "insubstantial" lobbying. Please consult a local tax advisor about any lobbying activity questions. For more information, refer to *Political Activity and Lobby Guidelines for Catholic Organizations*, available at www.usccb.org/about/general-counsel/ under "Tax and Group Ruling."

11. **Political Activities**. ***Subordinate organizations under the Group Ruling may not participate or intervene in any political campaign on behalf of or in opposition to any candidate for public office. Violation of the prohibition against political campaign intervention can jeopardize the organization's tax-exempt status.*** In addition to revoking tax-exempt status, IRS may also impose excise taxes on an exempt organization and its managers on account of political expenditures. Please consult a local tax advisor about any political campaign

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[17] 1975-2 C.B. 587.

[18] Revenue Procedure 2019-22, 2019-22 I.R.B. 1260, revised Revenue Procedure 75-50 to include a third method by which a private school may make its racially nondiscriminatory policy known to all segments of the general community the school serves. The school may now display a notice of its racially nondiscriminatory policy on its primary publicly accessible Internet homepage at all times during the tax year (excluding temporary outages due to website maintenance or technical problems) in a manner reasonably expected to be noticed by visitors to the homepage.

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intervention questions. For more information, refer to *Political Activity and Lobby Guidelines for Catholic Organizations*, available at www.usccb.org/about/general-counsel/ under "Tax and Group Ruling."

12. **Group Exemption Number ("GEN")**. The group exemption number or GEN assigned to the USCCB Group Ruling is 0928. ***This number must be included on each Form 990/EZ, Form 990-T, and Form 5578 required to be filed by a subordinate organization under the Group Ruling.***[19] We advise *against* using GEN 0928 on Form SS-4, Request for Employer Identification Number, because in the past this has resulted in the IRS improperly including the USCCB as part of the subordinate organization's name in IRS records.

13. **Employer Identification Numbers ("EINs")**. Each subordinate organization under the Group Ruling must have and use its own EIN. **Do not** use the EIN of the USCCB or an affiliated parish, diocese, or other organization in any filings with IRS (*e.g.*, Forms 941, W-2, 1099, or 990/EZ) or other financial documents. Subordinate organizations may *not* use USCCB's EIN in order to qualify for online donations, grants or matching gifts.

[19] The IRS has expressed concern about organizations covered under the Group Ruling that fail to include the group exemption number (0928) on their Form 990/EZ/T filings, particularly the initial filing.

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IRS **Tax Exempt & Government Entities**

Group Exemptions

What is a group exemption letter?

The IRS sometimes recognizes a group of organizations as tax-exempt if they are affiliated with a central organization. This avoids the need for each of the organizations to apply for exemption individually. A group exemption letter has the same effect as an individual exemption letter except that it applies to more than one organization.

What is the reason for group exemptions?

Group exemptions are an administrative convenience for both the IRS and organizations with many affiliated organizations. Subordinates in a group exemption do not have to file, and the IRS does not have to process, separate applications for exemption. Consequently, subordinates do not receive individual exemption letters.

What types of organizations can qualify for group exemptions?

Exempt organizations that have, or plan to have, related organizations that are very similar to each other may apply for a group exemption.

What are central and subordinate organizations?

Groups of organizations with group exemption letters have a "head" or main organization, referred to as a central organization. The central organization generally supervises or controls many chapters, called subordinate organizations. The subordinate organizations typically have similar structures, purposes and activities.

> **Example**: *X is a national, fraternal organization exempt under Internal Revenue Code (IRC) Section 501(c)(8). X has several state and hundreds of local chapters that have nearly identical articles of incorporation, by-laws, purposes and activities. As the national organization, X is considered the central organization; the state and local chapters are subordinate organizations and are covered under X's group exemption.*

What criteria must organizations meet to be included in a group exemption?

To qualify for a group exemption, the central organization and its subordinates must have a defined relationship. Subordinates must be:

- Affiliated with the central organization;
- Subject to the central organization's general supervision or control; and
- Exempt under the same paragraph of IRC 501(c), though not necessarily the paragraph under which the central organization is exempt.

Revenue Procedure 80-27, 1980-1 C.B. 677 sets forth additional criteria.

Must the central organization be recognized by the IRS as tax-exempt before the organization can obtain a group exemption?

No. A central organization may submit its request for a group exemption at the same time it submits its exemption application on Form 1023, Application for Recognition of Exemption Under Section 501(c)(3) of the Internal Revenue Code; Form 1024, Application for Recognition of Exemption Under 501(a); or Form 1024-A, Application for Recognition of Exemption Under Section 501(c)(4) of the Internal Revenue Code. Although churches are not required to apply for recognition of their own status to be tax-exempt, under the procedures for group rulings, a church must request recognition of its own exempt status to be the central organization in a group ruling.

Are there any special rules for churches?

With limited exceptions, churches are subject to the same general requirements on group rulings as other organizations. However, churches are not required to file annual updates notifying the IRS of changes in the composition of the group.

Where does a central organization apply for exemption and submit a request for a group exemption?

A central organization submits its application for exemption, the request for a group exemption and the required user fee as directed in the most recent revenue procedure on Exempt Organizations determination letters on exempt status (**Rev. Proc. 2019-5**, updated annually).

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What must a request for a group exemption contain?

The central organization submits a letter to the IRS on behalf of itself and its subordinates. The letter includes:

a. Information verifying the existence of the required relationship;

b. A sample copy of a uniform governing instrument (such as a charter, trust indenture or articles of association) adopted by the subordinates;

c. A detailed description of the subordinates' purposes and activities including the sources of receipts and the nature of expenditures;

d. An affirmation by a principal officer that, to the best of the officer's knowledge, the subordinates' purposes and activities are as stated in (b) and (c) above;

e. A statement that each subordinate to be included in the group exemption letter has furnished written authorization to the central organization;

f. A list of subordinates to be included in the group exemption letter to which the IRS has issued an outstanding ruling or determination letter relating to exemption;

g. If the application for a group exemption letter involves IRC 501(c)(3), an affirmation to the effect that, to the best of the officer's knowledge and belief, no subordinate to be included in the group exemption letter is a private foundation as defined in IRC 509(a);

h. For each subordinate that is a school claiming exemption under IRC 501(c)(3), the information required by **Rev. Proc. 75-50, 1975-2 C.B. 587** (as modified by **Rev. Proc. 2019-22, 2019-22 I.R.B 1260**) and **Revenue Ruling 71-447, 1971-2 C.B. 230**; and

i. A list of the names, mailing addresses (including ZIP Code), actual addresses (if different) and employer identification numbers of subordinates to be included in the group exemption letter. A current directory of subordinates may be furnished in lieu of the list if it includes the required information and if the subordinates not to be included in the group exemption letter are identified.

The rules for applying for a group exemption are set forth in **Rev. Proc. 80-27, 1980-1 C.B. 677**.

How does the group exemption process work?

Upon receipt of an application Form 1023, 1024 or 1024-A and a request for group exemption, the IRS first determines whether the central organization and the existing subordinates qualify for tax exemption. Once the IRS grants the exemption, the central organization is responsible for:

1. Ensuring that its current subordinates continue to qualify to be exempt;
2. Verifying that any new subordinates are exempt; and
3. Updating the IRS annually of new subordinates, subordinates no longer to be included and subordinates that have changed their names or addresses.

What is included in an annual update?

Annual updates must contain:

a. Information about changes in purposes, character or method of operation of subordinates included in the group exemption letter.

b. Lists of:

   1. Subordinates that have changed their names or addresses during the year;
   2. Subordinates no longer to be included in the group exemption letter because they have ceased to exist, disaffiliated or withdrawn their authorization to the central organization; and
   3. Subordinates to be added to the group exemption letter because they are newly organized or affiliated or have newly authorized the central organization to include them.

   Each list must show the names, mailing address (including ZIP Codes), actual address (if different) and employer identification numbers of the affected subordinates.

   An annotated directory of subordinates will not be accepted for this purpose. If none of these changes occurred, the central organization must submit a statement to that effect.

c. The same information about new subordinates that was required in the initial request. If a new subordinate does not differ in any material respects from the subordinates included in the original request, however, a statement to this effect may be submitted in lieu of detailed information.

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Where does a central organization submit an annual update?

Annual updates go to:

Internal Revenue Service Center
Ogden, Utah 84201-0027

What are the filing requirements for organizations that hold group exemptions?

A group exemption letter does not change the filing requirements for exempt organizations. The central organization and the subordinates must file Forms 990, Return of Organization Exempt from Income Tax, (or 990-EZ, Short-Form Return of Organization Exempt from Income Tax), unless they meet a filing exception. If the central organization is required to file an annual return, it must file its own separate return but may also file a group return on behalf of some or all its subordinates. To see how the subordinates are reported on a group return, please consult the form instructions.

How do I verify that an organization is included as a subordinate in a group exemption ruling?

The central organization that holds a group exemption (rather than the IRS) determines which organizations are included as subordinates under its group exemption ruling. Therefore, you can verify that an organization is a subordinate under a group exemption ruling by consulting the official subordinate listing approved by the central organization or by contacting the central organization directly. You may use either method to verify that an organization is a subordinate under a group exemption ruling.

How do donors verify that contributions are deductible under Section 170 with respect to a subordinate organization in a Section 501(c)(3) group exemption ruling?

Subordinate units that are included in group exemption letters are not listed separately in **Tax Exempt Organization Search** (Publication 78 data). Donors should obtain a copy of the group exemption letter from the central organization. The central organization's listing in Tax Exempt Organization Search will indicate that contributions to its subordinate organizations covered by the group exemption ruling are also deductible, even though most subordinate organizations are not separately listed in Tax Exempt Organization Search or on the Exempt Organizations Business Master File. Donors should then verify with the central organization, by either of the methods indicated above, whether the particular subordinate is included in the central organization's group ruling. The subordinate organization need not itself be listed in Tax Exempt Organization Search or on the EO Business Master File. Donors may rely on central organization verification about deductibility of contributions to subordinates covered in a Section 501(c)(3) group exemption ruling.

Where can you get more information?

You can get more information about group exemptions and the group ruling process from the IRS Exempt Organizations Office:

EO Website www.irs.gov/eo

Publication 557, Tax-Exempt Status for Your Organization

EO Customer Account Services
You may direct questions about group exemptions to the IRS Tax Exempt and Government Entities Customer Account Services at Ex. 6 Personal Privacy (PP) (toll-free number).

If you prefer to write, you may write us at:

Internal Revenue Service
Exempt Organizations Determinations
P.O. Box 2508
Cincinnati, OH 45201

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Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) Brooklyn, NY 11238, Ex. 6 Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)

Alliance-builder and strategist with extensive experience in community-based and government sectors with a focus on environmental issues. A Bronx-focused strategy developer skilled at convening small and large scale discussions targeting community stakeholders, funders and government entities.

PROFESSIONAL EXPERIENCE

Youth Ministries for Peace and Justice Bronx, NY
Special Projects Manager 2017-2018

Develop, plan, and implement infrastructure projects; develop new and maintain existing strategic relationships with external stakeholders; identify and cultivate relationships with funding prospects; update program messaging and design; support fund development and marketing strategy; manage Bronx River Foodway pilot season including Foodway grants program; organize Soundview Marketplace campaign including launch of property activation phase; establish relationship with Community Food Funders including visit by over 30 funders; and develop and implement capital campaign for infrastructure projects.

Simon Bolivar Foundation/CITGO Bronx, NY

Program Officer 2010-Present

Develop and implement a community-advised grants program targeting grassroots organizations in the South Bronx in the areas of education, environment, health, and arts and culture; **Develop grant guidelines** informed by focus groups of Bronx stakeholders; **Build and manage advisory team** to guide grantmaking for $1.25M annual investment; **Support Vice President and Foundation Board** in developing strategic relationships; **Maintain communications** with grantees, including conducting site visits; **Develop collateral** to convey impact of investments.

Office of Congressman Jose E. Serrano Bronx, NY

Special Advisor on Environmental Affairs 2004-2010

Interfaced with community groups, government agencies, local institutions to identify policy solutions and advocacy positions to address environmental issues in the Bronx

- **Built strategic alliances** with grassroots, advocacy, faith-based and labor groups;
- **Advised on community proposals** for government funding, development plans, environmental impact studies (EIS), and business plans in terms of local impact;
- **Analyzed policy impact** on various communities;
- **Developed advocacy tools** such as position statements;
- **Cultivated collaborative partnerships** in building a government and community-based referral network to centralize diverse resources;
- **Informed communication tools** such as newsletters and press releases;

Key Accomplishments:

- **guided federal funding for projects connecting communities to Parks**: participated in various stakeholder roundtables focused on park and greenway development: the Bronx River Greenway (Starlight Park, Concrete Plant Park); the South Bronx Greenway (Hunts Point Riverside Park, North and South Brother Islands, Barretto Point Park); the Harlem River Greenway (High Bridge, Depot Place Park, Randall's Island Connector)
- **commissioned studies on park stewardship models:** convened stakeholder meetings on public-private partnerships and their impact on the maintenance, programming, and earned income potential of Bronx parks and greenways
- **convened community advisory board** to oversee implementation of NYU's South Bronx Asthma Study, landmark research which correlated truck traffic with childhood asthma

Community Premier Plus Bronx, NY

Director of Community Outreach and Government Relations 2002-2004

- Funded Community Partnerships: advised on strategic Bronx investments of health events, campaigns, and programs in collaboration with community groups
- Health Policy Education: organized educational seminars, legislative briefings and community outreach campaigns targeting marginalized communities.

National Park Service Yosemite, CA

Technical Writer 2003

- Developed content for Sierra Nevada Wilderness Area's educational website to promote the need to conserve wilderness and encourage greater appreciation by urban audiences
- Captured the essence of 29 distinct wilderness areas throughout the Sierra Nevada mountain range based on independent field and archival research.

The Global Hunger Project New York, NY

Development Associate/Global Strategy Team Member 2001

- Administered fundraising work of twelve countries and 800 individual major donors
- Facilitated investor workshops and leadership trainings for fundraisers, securing $8M to support locally-developed initiatives focused on empowering women to create systemic change.

South North Development Initiative New York, NY

Latin America Program Manager 2000

- Procured capital and technical assistance by bridging North American investors to socially responsible Local Venture Capital (LVC) funds in Ecuador and Argentina.
- Coordinated United Nations Development Program (UNDP) regional funds distribution for technical assistance to international affiliates working to change venture capital climate
- Facilitated communication with international financial institutions, NGOs, and multilateral and bilateral agencies to streamline investment processes.

EDUCATION

BROWN UNIVERSITY Providence, RI

Bachelor of Arts in International Relations 1999

Arctic Archeological Dig: *National Park Service collaboration at Cape Krusenstern National Monument in Alaska*

HORACE MANN HIGH SCHOOL Bronx, NY

High School Diploma 1995

RELEVANT TRAINING

CORO NEW YORK LEADERSHIP CENTER: *Immigrant Civic Leadership Program,* 2009

CENTER FOR WHOLE COMMUNITIES: *Next Generation Leadership Retreat,* 2007

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Anacostia Riverkeeper

Address: 45 L Street SW #70565, Washington, DC 20024

City: Washington

State: DC: District of Columbia Zip Code: 20024

B. Unique Entity Identifier (UEI): V31BQXEBKRR5

C. Applicant/Recipient Point of Contact

Name: Quinn Molner

Phone: Ex. 6 Personal Privacy (PP)

Email: riverkeeper@anacostiariverkeeper.org

Title: Director of Operations

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Suzanne W Kelly	Director of Operations	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Quinn | Middle Name:
Last Name: Molner | Suffix:
Title: Director of Operations

Complete Address:

Street1: 45 L Street SW
Street2: #70565
City: Washington | State: DC: District of Columbia
Zip / Postal Code: 20024 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: riverkeeper@anacostiariverkeeper.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Quinn | Middle Name:
Last Name: Molner | Suffix:
Title: Director of Operations

Complete Address:

Street1: 45 L Street
Street2: #70565
City: Washington | State: DC: District of Columbia
Zip / Postal Code: 20024 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: riverkeeper@anacostiariverkeeper.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Quinn | Middle Name:
Last Name: Molner | Suffix:
Title: Director of Operations

Complete Address:

Street1: 45 L Street
Street2: #70565
City: Washington | State: DC: District of Columbia
Zip / Postal Code: 20024 | Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**
E-mail Address: riverkeeper@anacostiariverkeeper.org

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** | **First Name:** Quinn | **Middle Name:** | **Last Name:** Molner | **Suffix:**

Title: Operation of Operations

Complete Address:

Street1: 45 L Street

Street2: #70565

City: Washington **State:** DC: District of Columbia

Zip / Postal Code: 20024 **Country:** USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: riverkeeper@anacostiariverkeeper.org

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Anacostia Riverkeeper

* b. Employer/Taxpayer Identification Number (EIN/TIN): 61-1574670

* c. UEI: V31BQXEBKRR5

d. Address:

* Street1: 45L Street SW
Street2: PO Box 70565
* City: Washington
County/Parish:
* State: DC: District of Columbia
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 200247572

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Quinn
Middle Name:
* Last Name: Molner
Suffix:

Title: Director of Operations

Organizational Affiliation:

* Telephone Number: Ex. 6 - Personal Privacy (PP)
Fax Number:

* Email: riverkeeper@anacostiariverkeeper.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

1235-Anacostia_River_Watershed_Map with sta | Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Engaging Diverse Communities in the Anacostia Watershed

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: DC-all

* b. Program/Project: MD-08

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023

* b. End Date: 10/31/2026

18. Estimated Funding ($):

* a. Federal	150,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	150,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix:

* First Name: Quinn

Middle Name:

* Last Name: Molner

Suffix:

* Title: Director of Operations

* Telephone Number: Ex. 6 - Personal Privacy (PP)

Fax Number:

* Email: riverkeeper@anacostia.org

* Signature of Authorized Representative: Suzanne W Kelly

* Date Signed: 04/14/2023

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Engaging Diverse Communities in the Anacostia Watershed

Anacostia Riverkeeper
45 L Street SW #70565, Washington, DC 20024
Washington
DC: District of Columbia
20024

V31BQXEBKRR5
Quinn Molner
EX. 6 - Personal Privacy (PP)
riverkeeper@anacostiariverkeeper.org
Director of Operations
N: No
N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Suzanne W Kelly
Director of Operations
2023-04-14

1234-EJCPAS Narrative FINAL.pdf
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Application
New
2023-04-14
Anacostia Riverkeeper
61-1574670
V31BQXEBKRR5
45L Street SW
PO Box 70565
Washington
DC: District of Columbia
200247572
USA: UNITED STATES

Quinn
Molner

Director of Operations
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riverkeeper@anacostiariverkeeper.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
1235-Anacostia_River_Watershed_Map with state districts.png
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Engaging Diverse Communities in the Anacostia Watershed
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c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Quinn
Molner

Director of Operations
EX. 6 - Personal Privacy (PP)
riverkeeper@anacostia.org
Suzanne W Kelly
2023-04-14

Quinn
Molner

Director of Operations
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riverkeeper@anacostiariverkeeper.org

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1236-ARK EPAEJ All Req Attachments.pdf
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Suzanne W Kelly
GRANT13861044

Anacostia Riverkeeper *Engaging Diverse Communities in the Anacostia Watershed* *Proposed Annual Budget*				
Category	***Item***	***Quanity***	***Cost Per***	***Total***
Staff	Riverkeeper (Partner Calls, Listening Tour, All Events)	80	$39	$3,120
	Project Manager (Partner Calls, Listening Tours, All Events)	90	$38	$3,420
	Project Coordinator (Existing full-time staff help events & logistics in line with expertise)	65	$36	$2,340
	Intern/Associates (Part-Time staff help with day-of support)	50	$22	$1,100
		TOTAL STAFF COST		**$9,980**
Boat Tours	Hour Long Tours	20	$450	$9,000
	45 Minute Tours	6	$350	$2,100
		BOAT TOUR COST		**$11,100**
Educational Materials	Printing & Laminating			$500
	Water Quality Testing Kits (Earth Echo) & Refills	25	$80	$2,000
		EDUCATION COSTS		**$2,500**
Anacostia Evenings (3 total)	Park Rental	3	$150	$450
	Snacks & Drinks	3	$250	$750
	T-Shirts (125 per event)	375	$12	$4,500
	Printing (Signage & Fliers)	3	$150	$450
	Fishing Equipment & Maintainance			$750
	Adult Fishing Liscence (18yo+)	75	$10	$750
	Tabling Supplies			$500
	General Supplies (Games & Prizes)	3	$250	$750
		EVENINGS COSTS		**$8,900**
Travel	Staff Travel	500	$0.67	$332.50
		TRAVEL TOTAL		**$332.50**
Partners/ Contractual	Anacostia Park & Community Collaborative *Partner meetings, listening tours, assist in hosting evening event at Anacostia Park*			$3,000
	Joe's Movement Emporium *Partner meetings, listening tours, assist in hosting evening event at Bladensburg Park*			$3,000
	CHEER *Partner meetings, listening tours, assist in hosting evening event at Long Branch*			$3,000
	One Montgomery Green *Partner meetings, listening tours, and general project support*			$2,000
	Additional Partner Organizations & Contractors *Any groups, individulals, or entities will be compensated for time & efforts*			$6,187
		CONTRACT TOTAL		**$17,187**
			ANNUAL TOTAL	**$50,000**

Engaging Diverse Communities in the Anacostia Watershed

EJ Collaborative Problem-Solving Cooperative Agreement Program

Environmental Outcomes Logic Model

ANACOSTIA RIVERKEEPER®

12+ annual listening tour events reaching 200+ diverse community members

ARK develops relationships with small community groups within the watershed

As programming starts, ARK will leverage existing partnerships to meet with a diverse group of watershed residents, hearing their own visions on the watershed & barriers to access and engagement.

Additionally, during this period ARK will strive to build new partnerships with community organizations in the watershed who might be interested in expanding or supporting Environmental Justice programming.

Programming & Events in Diverse Communities

ARK is committed to hosting a series of events targeting neighborhoods and communities that historically have not engaged with the watershed programming. Programming, when possible, will be provided in English and Spanish. Annually, these include:
→ 3 Anacostia Evening events
→ 20 dedicated private boat tours
→ 15+ educational events with youth groups.

After each event, individuals will receive a brief survey allowing them to report on any barriers to access, as well as their own interest in continued engagement on the watershed.

2,000+ total novel participants from diverse communities

Participants self-report increased investment in the Watershed

Partner organizations are empowered to run continued environmental justice to residents

ARK & partners see increased engagement in BIPOC & Spanish-speaking residents

Short-term, ARK will know its successful if it engages with 2,000+ novel participants, and 90% or more of these participants report increased interest and intent to recreate in the watershed.

Long-term, we hope that our partnership will foster long-term relationships with community groups so that they can continue environmental justice programming. Additionally, ARK hopes its programming leads to an increasingly diverse membership engaged audience as we continue to educate all on issues broaching the watershed.

ANACOSTIA PARKS &
COMMUNITY
COLLABORATIVE

April 11, 2023

RE: EJ Collaborative Problem-Solving Cooperative Agreement Program (EJCPS)

To Whom It May Concern:

I am contacting you on behalf of the Anacostia Parks and Community Collaborative (APACC) providing our support for Anacostia Riverkeeper's (ARK) proposal to engage underserved BIPOC and Spanish-speaking communities in DC and Maryland in rich recreational and educational opportunities on the Anacostia watershed, reigniting these communities' passion for stewardship of their river.

Anacostia Riverkeeper is a long-time member of APACC, and we have worked with ARK on various community listening sessions and events. We are excited for this opportunity to join ARK's proposal and are committing to help organize listening sessions to important communities within our watershed and assist in the planning, promotion, execution, and participation of one yearly (three total) *Anacostia Evening* events at Anacostia Park.

Sincerely,

Brenda Lee Richardson

Brenda Lee Richardson
Coordinator

CHEER

Community Health and Empowerment
through Education and Research

April 13, 2023

RE: EJ Collaborative Problem-Solving Cooperative Agreement Program (EJCPS)

To Whom It May Concern:

I am contacting you on behalf of Community Health and Empowerment through Education and Research (CHEER) providing our support for Anacostia Riverkeeper's (ARK) proposal to engage underserved BIPOC and Spanish-speaking communities in DC and Maryland in rich recreational and educational opportunities on the Anacostia watershed, reigniting these communities' passion for stewardship of their river.

We are working with ARK on their Montgomery County grant, *Litter Cleanups By and For Diverse Communities* and their Upper Anacostia water quality monitoring program. We have also been working with Nature Forward on a project to reduce litter in Long Branch that is training and activating youth as environmental advocates through a youth participatory action research process. We are excited for this opportunity to join ARK's proposal and are committing to help organize listening sessions to important communities within our watershed and assist in the planning, promotion, execution, and participation of one yearly (three total) *Anacostia Evening* events in Long Branch. This project will enable us to broaden community members' sense of place and belonging to the Anacostia watershed. It will provide opportunities for community members to enjoy the natural spaces that are available to them and promote their health and wellbeing in the process. Consequently, we hope that more community members will exercise a greater responsibility for the watershed.

Sincerely,

Bruce L Baker

Bruce Baker
Executive Director

8545 Piney Branch Road, Suite H• Silver Spring, MD, 20901 • Ex. 6 Personal Privacy (PP) • www.communitycheer.org

ONE MONTGOMERY GREEN

April 11, 2023

RE: EJ Collaborative Problem-Solving Cooperative Agreement Program (EJCPS)

To Whom It May Concern:

I am contacting you on behalf of One Montgomery Green (OMG) providing our support for Anacostia Riverkeeper's (ARK) proposal to engage underserved BIPOC and Spanish-speaking communities in DC and Maryland in rich recreational and educational opportunities on the Anacostia watershed, reigniting these communities' passion for stewardship of their river.

We are working with ARK on their Montgomery County grant, *Litter Cleanups By and For Diverse Communities*. We are excited for this opportunity to join ARK's proposal and are committing to helping organize listening sessions to important communities within our watershed and assist in the general outreach for all (nine total) Anacostia Evening events. We have worked with ARK on many projects including microplastics sampling and outreach, as well as bringing students to the Anacostia watershed for educational visits.

This project will educate Montgomery County residents (particularly underserved communities in Wheaton and Silver Spring where OMG focuses) about litter and how it moves with stormwater pollution into our waterways. Moreover, this work will not only reduce litter entering the streams but will teach residents ways they can help reduce litter's impacts on the watershed and their communities.

One Montgomery Green is a nonprofit 501 (c) (3) organization, located in Montgomery County MD whose mission is to develop and promote models for a sustainable, just, and regenerative Montgomery County, MD. We do this by engaging stakeholders, fostering partnerships with local businesses, and promoting educational projects for a verdant and equitable economy.

Sincerely,

Wendy Howard

Wendy Howard
Executive Director

8737 Colesville Road, Suite 501 Silver Spring MD 20910
Tel: Ex. 6 - Personal Privacy (PP) Fax: Ex. 6 Personal Privacy (PP)
www.onemontgomerygreen.org
Questions:Info@onemontgomerygreen.org

Joe's MOVEMENT EMPORIUM

World Arts Focus
3309 Bunker Hill Road
Mount Rainier, MD 20712
Ex. 6 - Personal Privacy (PP)
www.joesmovement.org
RARE. GRITTY. BRILLIANT.

April 11, 2023

RE: EJ Collaborative Problem-Solving Cooperative Agreement Program (EJCPS)

To Whom It May Concern:

I am contacting you on behalf of Joe's Movement Emporium providing our support for Anacostia Riverkeeper's (ARK) proposal to engage underserved BIPOC and Spanish-speaking communities in DC and Maryland in rich recreational and educational opportunities on the Anacostia watershed, reigniting these communities' passion for stewardship of their river.

We are working with ARK on their Montgomery County grant, *Litter Cleanups By and For Diverse Communities,* their Upper Anacostia water quality monitoring program, and as a subcontractor for their Bandalong Litter Trap program in Prince George's County. We are excited for this opportunity to join ARK's proposal and will help organize listening sessions to important communities within our watershed and assist in the planning, promotion, execution, and participation of one yearly (three total) *Anacostia Evening* event at Bladensburg Waterfront Park. This project will provide new opportunities for watershed stewardship to the communities we serve.

Sincerely,

Brooke Kidd,
Executive Director

Ex. 6 Personal Privacy (PP)
Alexandria, VA 22306 • Ex. 6 - Personal Privacy (PP) • quinn@anacostiariverkeeper.org • Ex. 6 Personal Privacy (PP)

WORK EXPERIENCE

ANACOSTIA RIVERKEEPER Washington, DC

Director of Operations (January 2023 - Present)

- Manages $90,000 of grant revenue annually across programs such as *Anacostia River Explorers* Boat Tours, *Friday Night Fishing*, and *Clean Waterways* volunteer trash cleanups
- Coordinate with over 20 watershed community groups on core program and grant events, outreach to diverse communities, and environmental justice initiatives
- Develops and maintains public-facing outreach materials and organizational knowledge management systems, and organizational calendar

Operations and Communications Manager (January 2022 – December 2022)

- Create and execute newsletter and social media content for an audience of over 24,000 constituents; increased newsletter open rate average from 20% to 45% since 2018
- Collaborate with multiple NGO and government organizations, coordinate projects, and promote community engagement in the DC and MD area to restore and protect the Anacostia River

Communications and Media Assistant (January 2018 – December 2021)

- Spearhead new media campaigns and manage all social media platforms to enhance the organizational reach; averaging a 190% increase in followers over three years
- Develop newsletters for 8,000 subscribers to promote volunteerism, and donations; avg. 20% open rates

ECONOMICS RESEARCH INSTITUTE Washington, DC

Operations Analyst November 2020 – May 2021

- Leading organizational pivot to create educational content, including terms index and class guides
- Provide data visualization and graphics for 25 projects over 6 months and oversee posts for Visual Economics Blog
- Construct organizational management AirTable for staff onboarding and program management

EDUCATION

THE GEORGE WASHINGTON UNIVERSITY, Columbian College of Arts and Sciences Washington, DC

Bachelor of Arts in Organizational Sciences, Double Minor in Communications and Sustainability May 2021

Cumulative GPA: 3.57, Major GPA: 3.54

Relevant coursework includes: Conflict Negotiation and Resolution, Network Analysis, Strategic Communication, Leading Change, Corporate Ethical Communication, Industrial / Organizational Psychology, Intermediate Chinese I-IV

Research Thesis: *Effects of Change Leadership During Mergers and Acquisitions from a Financial Perspective*

2023 - 2026 TIMELINE
Engaging Diverse Communities in the Anacostia Watershed
EJ Collaborative Problem-Solving Cooperative Agreement Program (EJCPS)

Yearly events	**12) listening sessions** • (6) where each partner designs a listening session to best reach their key audience • (6) ARK/partners attending existing diverse events across the watershed	**(3) *Anacostia Evenings*,** programming can include: • (3) 45-minute *Anacostia Experience* boat tours • (1) *Family Fishing* station • (1) Water quality monitoring station • (1) educational station • various partner stations	**(20) 1-hour *Anacostia Experience* boat tours**	**(12) stand-alone educational events**
	Q1 (Jan - Mar)	**Q2 (Apr - Jun)**	**Q3 (Jul - Sep)**	**Q4 (Oct - Dec)**
2023				• Partners meetings • Planning for upcoming listening session

2024	• (6) listening tour events
	• (3) stand-alone educational events
		• *Anacostia Evening* (Anacostia Park)
		  ◦ (3) 45-minute boat tours
		  ◦ (1) *Family Fishing* station
		  ◦ (1) Water quality monitoring station
		  ◦ (1) educational station
		  ◦ Partner station (APACC)
		• (10) *Anacostia Experience* boat tours
		• (3) stand-alone educational events
		• (2) listening tour events
			• *Anacostia Evening* (Bladensburg)
			  ◦ (3) 45-minute boat tours
			  ◦ (1) *Family Fishing* station
			  ◦ (1) Water quality monitoring station
			  ◦ (1) educational station
			  ◦ Partner station (Joe's)
			• (10) *Anacostia Experience* boat tours
			• (3) stand-alone educational events
			• (2) listening tour events
				• *Anacostia Evening* (Long Branch)
				  ◦ (1) *Family Fishing* station
				  ◦ (1) Water quality monitoring station
				  ◦ (1) educational station
				  ◦ (1) macroinvertebrate identification station
				  ◦ Partner station (CHEER)
				• (3) stand-alone educational events
				• (2) listening tour events

2025	• (6) listening tour events
	• (3) stand-alone educational events
		• *Anacostia Evening* (Long Branch)
		  ◦ (1) *Family Fishing* station
		  ◦ (1) Water quality monitoring station
		  ◦ (1) educational station
		  ◦ (1) macroinvertebrate identification station
		  ◦ Partner station (CHEER)
		• (10) *Anacostia Experience* boat tours
		• (3) stand-alone educational events
		• (2) listening tour events
			• *Anacostia Evening* (Anacostia Park)
			  ◦ (3) 45-minute boat tours
			  ◦ (1) *Family Fishing* station
			  ◦ (1) Water quality monitoring station
			  ◦ (1) educational station
			  ◦ Partner station (APACC)
			• (10) *Anacostia Experience* boat tours
			• (3) stand-alone educational events
			• (2) listening tour events
				• *Anacostia Evening* (Bladensburg)
				  ◦ (3) 45-minute boat tours
				  ◦ (1) *Family Fishing* station
				  ◦ (1) Water quality monitoring station
				  ◦ (1) educational station
				  ◦ Partner station (Joe's)
				• (3) stand-alone educational events
				• (2) listening tour events

2026	• (6) listening tour events
	• (3) stand-alone educational events
		• *Anacostia Evening* (Bladensburg)
		  ◦ (3) 45-minute boat tours
		  ◦ (1) *Family Fishing* station
		  ◦ (1) Water quality monitoring station
		  ◦ (1) educational station
		  ◦ Partner station (Joe's)
		• (10) *Anacostia Experience* boat tours
		• (3) stand-alone educational events
		• (2) listening tour events
			• *Anacostia Evening* (Long Branch)
			  ◦ (1) *Family Fishing* station
			  ◦ (1) Water quality monitoring station
			  ◦ (1) educational station
			  ◦ (1) macroinvertebrate identification station
			  ◦ Partner station (CHEER)
			• (10) *Anacostia Experience* boat tours
			• (3) stand-alone educational events
			• (2) listening tour events
				• *Anacostia Evening* (Anacostia Park)
				  ◦ (3) 45-minute boat tours
				  ◦ (1) *Family Fishing* station
				  ◦ (1) Water quality monitoring station
				  ◦ (1) educational station
				  ◦ Partner station (APACC)
				• (3) stand-alone educational events
				• Submit final report

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: AUG 26 2009

ANACOSTIA RIVERKEEPER
C/O SUSAN LEE
COVINGTON & BURLING LLP
1201 PENNSYLVANIA AVE NW
WASHINGTON, DC 20004-0000

Employer Identification Number:
61-1574670
DLN:
17053134043009
Contact Person:
DIANE M ECKARD ID# 31394
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)
Accounting Period Ending:
December 31
Public Charity Status:
170(b)(1)(A)(vi)
Form 990 Required:
Yes
Effective Date of Exemption:
November 21, 2008
Contribution Deductibility:
Yes
Addendum Applies:
No

Dear Applicant:

We are pleased to inform you that upon review of your application for tax exempt status we have determined that you are exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code. Contributions to you are deductible under section 170 of the Code. You are also qualified to receive tax deductible bequests, devises, transfers or gifts under section 2055, 2106 or 2522 of the Code. Because this letter could help resolve any questions regarding your exempt status, you should keep it in your permanent records.

Organizations exempt under section 501(c)(3) of the Code are further classified as either public charities or private foundations. We determined that you are a public charity under the Code section(s) listed in the heading of this letter.

Please see enclosed Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, for some helpful information about your responsibilities as an exempt organization.

Letter 947 (DO/CG)

ANACOSTIA RIVERKEEPER

We have sent a copy of this letter to your representative as indicated in your power of attorney.

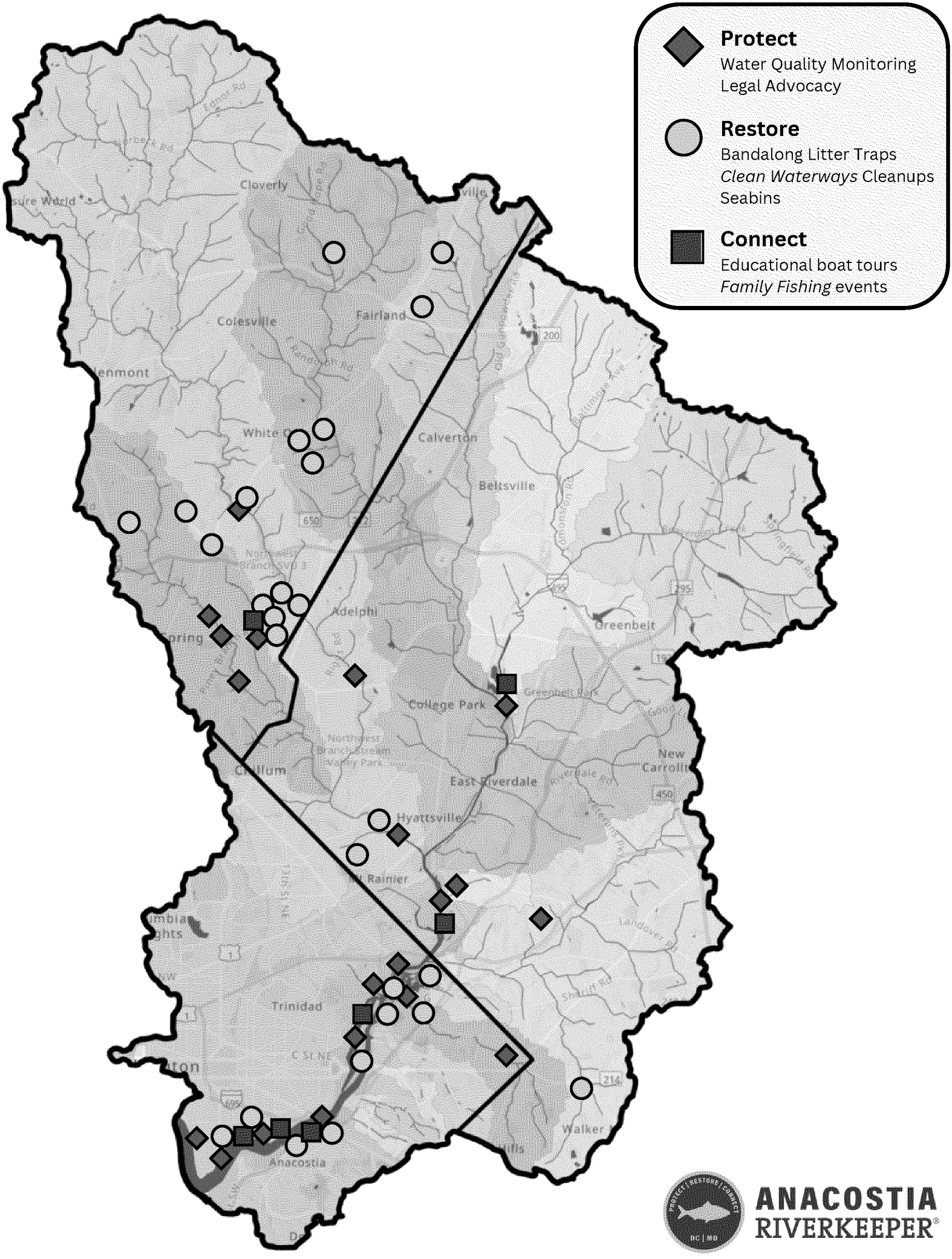
Sincerely,

Robert Choi

Robert Choi
Director, Exempt Organizations
Rulings and Agreements

Enclosures: Publication 4221-PC

ED_016126_00001385-00010



ED_016126_00001385-00011

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: CASA, Inc.

Address: 8151 15th Ave

City: Hyattsville

State: MD: Maryland Zip Code: 20783

B. Unique Entity Identifier (UEI): JHVKE7HTBLP5

C. Applicant/Recipient Point of Contact

Name: Yasmin Viera

Phone: Ex. 6 - Personal Privacy (PP)

Email: yviera@wearecasa.org

Title: Sr. Director of Development

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

NA

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

NA

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

NA

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95) ☒ Yes ☐ No

a. Do the methods of notice accommodate those with impaired vision or hearing? ☐ Yes ☒ No

b. Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications? ☒ Yes ☐ No

c. Does the notice identify a designated civil rights coordinator? ☐ Yes ☒ No

VIII. Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a)) ☒ Yes ☐ No

IX. Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974)) ☒ Yes ☐ No

X. If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.

Melissa Guzman, Chief Operating Officer, 8151 15th Ave, Hyattsville, MD 20783, me.guzman@wearecasa.org, (fax) Ex. 6 Personal Privacy (PP) (phone) Ex. 6 - Personal Privacy (PP)

XI. If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.

CASA provides a complaint/grievance process for employees to report any incidents related to discrimination, harassment, violation, or any other professional conduct concerns. This information is provided in the CASA Employee Handbook, in Section 2.5 Policy Prohibiting Harassment and Discrimination and Section 6.10 How Employee Concerns Are Addressed. Further, Section 2.3 Equal Opportunity Employment covers CASA's commitment to equal opportunity employment. CASA is happy to provide a copy of the handbook upon request for further review.

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Yasmin Viera	Sr. Director of Development	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Yasmin | Middle Name:
Last Name: Viera | Suffix:
Title: Sr. Director of Development
Complete Address:
Street1: 8151 15th Avenue
Street2:
City: Hyattsville | State: MD: Maryland
Zip / Postal Code: 20783-3501 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: yviera@wearecasa.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Melissa | Middle Name:
Last Name: Guzman | Suffix:
Title: Chief Operating Officer
Complete Address:
Street1: 8151 15th Avenue
Street2:
City: Hyattsville | State: MD: Maryland
Zip / Postal Code: 20783-3501 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: me.guzman@wearecasa.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Gage | Middle Name:
Last Name: Ardag | Suffix:
Title: Manager of Federal and Capital Grants
Complete Address:
Street1: 8151 15th Avenue
Street2:
City: Hyattsville | State: MD: Maryland
Zip / Postal Code: 20783-3501 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address: gardag@wearecasa.org

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: | First Name: Eduardo | Middle Name:

Last Name: Zelaya | Suffix:

Title: Virginia Organizing Director

Complete Address:

Street1: 2359 Research Ct

Street2:

City: Woodbridge | State: VA: Virginia

Zip / Postal Code: 22192 | Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**

E-mail Address: ezelaya@wearecasa.org

EPA Form 5700-54 (Rev 4-02)

7eWWNX9KP4Xm5cCpXtbgIqhrM4s=

Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

CASA Virginia Safe Streets Project Expansion

1.0
66.306
500000.00
500000.00

500000.00
500000.00

219565.26
47975.01
8646.00
15005.26
170080.00
461271.53
38728.47
500000.00

219565.26
47975.01
8646.00
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125000.00
125000.00

125000.00
125000.00

125000.00
125000.00

125000.00
125000.00

Per CASA's NICRA, 13.3% of direct costs

Application
New
2023-04-14
CASA, Inc.
52-1372972
JHVKE7HTBLP5
8151 15th Ave
Hyattsville
MD: Maryland
20783-3501
USA: UNITED STATES

Yasmin
Viera

Sr. Director of Development
EX. 6 - Personal Privacy (PP)
yviera@wearecasa.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
1234-Areas Affected by Project (SF-424) EPA EJCPS.pdf
application/pdf
RrhcYC4xH25bFzEg9KzuDXnfD7s=

Virginia Safe Streets Project Expansion
MD-004
VA-011
1235-Congressional Districts (SF-424) EPA EJCPS.pdf
application/pdf
ZwGX8+QOhVveT4MOEFZ6n+IAzZM=

2023-11-01
2025-10-31
500000.00
0.00
0.00
0.00
0.00
0.00
500000.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Yasmin
Viera

Sr. Director of Development
EX. 6 - Personal Privacy (PP)
yviera@wearecasa.org
Yasmin Viera
2023-04-14

1236-Project Narrative Attachment Form - Workplan - CASA VA Safe Streets Expansion.pdf
application/pdf
qvV7tGCbXy12ro7kvChqOk9LpCk=

Yasmin
Viera

Sr. Director of Development
8151 15th Avenue
Hyattsville
MD: Maryland
20783-3501
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
yviera@wearecasa.org

Melissa
Guzman

Chief Operating Officer
8151 15th Avenue
Hyattsville
MD: Maryland
20783-3501
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
me.guzman@wearecasa.org

Gage
Ardag

Manager of Federal and Capital Grants
8151 15th Avenue
Hyattsville
MD: Maryland
20783-3501
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
gardag@wearecasa.org

Eduardo
Zelaya

Virginia Organizing Director
2359 Research Ct
Woodbridge
VA: Virginia
22192
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
ezelaya@wearecasa.org

CASA, Inc.
8151 15th Ave
Hyattsville
MD: Maryland
20783

JHVKE7HTBLP5
Yasmin Viera
EX. 6 - Personal Privacy (PP)
yviera@wearecasa.org
Sr. Director of Development
N: No
NA
NA
NA
N: No
Y: Yes
N: No
Y: Yes
N: No
Y: Yes
Y: Yes
Melissa Guzman, Chief Operating Officer, 8151 15th Ave, Hyattsville, MD 20783, me.guzman@wearecasa.org, (fax) Ex. 6 Personal Privacy (PP) (phone) EX. 6 - Personal Privacy (PP)
CASA provides a complaint/grievance process for employees to report any incidents related to discrimination, harassment, violation, or any other professional conduct concerns. This information is provided in the CASA Employee Handbook, in Section 2.5 Policy Prohibiting Harassment and

Discrimination and Section 6.10 How Employee Concerns Are Addressed. Further, Section 2.3 Equal Opportunity Employment covers CASA's commitment to equal opportunity employment. CASA is happy to provide a copy of the handbook upon request for further review.
Yasmin Viera
Sr. Director of Development
2023-04-14

1237-EJCPS Budget Detail Template - Virginia Safe Streets Project Expansion - Itemized Budget Sheet.pdf
application/pdf
EbP/DhwD5/i+OeUibZtI7Jqu4qw=

1238-LOC for CASA's VA Safe Streets Project Expansion.pdf
application/pdf
DdR11DAcu7RbTUZMoboRenzvEIk=

1239-EJCPS Logic Model CASA .pdf
application/pdf
xiHEv/Axhu6Aqe7dzhdRid8WqNk=

1240-CASA - EJCPS EPA - LOS Representative Spanberger VA-07.pdf
application/pdf
JRThTeniMuImhcXohw0Q3KlYjZ0=

1241-Resumes of Project Manager and other Key Personnel.pdf
application/pdf
dXuja1Sg0lCXnXhbgy9bBr0cz0U=

1242-Application Work Plan (Project Narrative) Attachments A-G CASA VA Safe Streets.pdf
application/pdf
E7cyt/Ycjndvq0n09cdEyj4BEI4=

1243-Proof of Nonprofit Status.pdf
application/pdf
DhWtKNGAi8F3JS0/UDGICandxjw=

7eWWNX9KP4Xm5cCpXtbgIqhrM4s=
2023-04-14T16:43:22.000-04:00
Yasmin Viera
GRANT13861672

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: CASA, Inc.

* b. Employer/Taxpayer Identification Number (EIN/TIN): 52-1372972

* c. UEI: JHVKE7HTBLP5

d. Address:

* Street1: 8151 15th Ave
Street2:
* City: Hyattsville
County/Parish:
* State: MD: Maryland
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 20783-3501

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Yasmin
Middle Name:
* Last Name: Viera
Suffix:

Title: Sr. Director of Development

Organizational Affiliation:

* Telephone Number: Ex. 6 - Personal Privacy (PP)
Fax Number:

* Email: yviera@wearecasa.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

1234-Areas Affected by Project (SF-424) EPA | Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Virginia Safe Streets Project Expansion

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: MD-004 * b. Program/Project: VA-011

Attach an additional list of Program/Project Congressional Districts if needed.

1235-Congressional Districts (SF-424) EPA | Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 * b. End Date: 10/31/2025

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	500,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name: Yasmin

Middle Name:

* Last Name: Viera

Suffix:

* Title: Sr. Director of Development

* Telephone Number: Ex. 6 - Personal Privacy (PP) Fax Number:

* Email: yviera@wearecasa.org

* Signature of Authorized Representative: Yasmin Viera * Date Signed: 04/14/2023

Letters of Commitment for CASA's Virginia Safe Streets Project Expansion

(1) Coalition for Smarter Growth – Nonprofit Community Organization

(2) Chesapeake Climate Action Network – Nonprofit Environmental Organization

(3) Occoquan District Supervisor Kenny Boddye – Local Government (Prince William Board of County Supervisors, Virginia)

(4) François & Sinclair, LLC – Business

(5) Active Prince William – Grassroots Citizen Organization

April 8, 2023

U.S. Environmental Protection Agency (EPA)
Office of Environmental Justice and External Civil Rights (OEJECR)

RE: Letter of Commitment and Support for Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program for CASA

To Whom it May Concern:

I am writing on behalf of the Coalition for Smarter Growth, a division of the Piedmont Environmental Council (PEC),[1] to affirm our commitment to partner with CASA as a sub-awardee on their proposal to the Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program (EJCPS) to create a Virginia-wide 'Safe Streets' Program in minority, immigrant, lower-income communities. The Coalition for Smarter Growth (CSG) is the leading organization in the Washington DC region dedicated to making the case for smart growth. Our mission is to advocate for walkable, bikeable, and transit-oriented communities as the most sustainable and equitable way for the Washington, DC region to grow and provide opportunities for all. We are pleased to receive a subaward from CASA and serve as a key community partner in their responsive proposal to the Request for Applications (RFA) for the Environmental Justice Collaborative Problem-Solving Agreement Program submitted to the Environmental Protection Agency (EPA) by CASA.

Coalition for Smarter Growth Role: We are committed to working with CASA and other community partners identified in the EJCPS application to advance the local vision and needs articulated in the Request for Applications (RFA). This letter confirms our agreement to accept and fulfill a subaward of $80,000 ($40,000 per year over two years) to achieve the goals of the CASA proposal and this partnership. The Coalition for Smarter Growth will contribute staff time, planning, technical expertise in transportation, capacity building support, outreach assistance, and relationships with decisionmakers. To support the project and its partners, the Coalition for Smarter Growth commits to the following:

- Assistance with identification of potential geographic areas of focus and issue areas of focus for campaigns.

[1] The Piedmont Environmental Council (PEC) is a 501(c)3, EIN 54-0935569, and is a current recipient of other federal grants. PEC's mission is "protecting and restoring the lands and waters of the Virginia Piedmont, while building stronger, more sustainable communities."

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- Technical advice on transportation policy, design, and funding and educational briefings to constituents on safe street design.
- Assistance with data collection during the outreach stage of the campaign including safety audits.
- Aid with identifying and communicating with decision makers.
- Communication and dissemination of information about the campaign to our networks and constituencies.

CASA and Coalition for Smarter Growth have agreed upon the aforementioned role expectations surrounding this partnership.

Coalition for Smarter Growth Relationship to Applicant: The Coalition for Smarter Growth and CASA have previously partnered on a 'Safe Streets' campaign focused on a dangerous arterial road (Route 7), through an immigrant neighborhood in a regionally defined "Equity Emphasis Area" in Fairfax County. We have continued to collaborate and have a common interest using the lessons learned to expand to a state-wide program to win safer streets for minority, immigrant, and lower-income underserved communities through this funding opportunity. Our prior partnership and work on pedestrian safety and access to transit on Route 7 in Fairfax has already yielded promising results, such as the installation of new LED street lighting, a speed study, lower speed limit, and new sidewalk connection. CSG and CASA share a vision and continued interest in improving pedestrian safety, increasing access to transit and safe biking, and reducing air pollution and emissions from single-occupant vehicles.

Interest in Environmental Issue and Relationship to Community: PEC and other leading environmental groups in the Washington DC region founded CSG in 1997 to promote a more sustainable way for the region and the States of Virginia and Maryland to grow. Our mission is directly relevant to the project and EPA's sustainability and equity goals: "advocating for walkable, bikeable, and transit-oriented communities as the most sustainable and equitable way for the Washington, DC region to grow and provide opportunities for all." In recent reports using the Rocky Mountain Institute Shift Calculator we have demonstrated that walkable, transit-oriented communities are essential for reducing vehicle miles traveled (VMT) and greenhouse gas emissions. In fact, we have shown, and the Metropolitan Washington Council of Governments has confirmed, that the region needs to reduce VMT by 20% in order to reduce the region's greenhouse gas emissions 50% below 2005 levels by 2030. Walkable, inclusive, transit-oriented communities are key to shifting trips to non-auto modes and reducing VMT.

More walkable communities with safer street designs and reduced rates of driving also provide essential health benefits for local residents by reducing ozone and particulate pollution, and by reducing the rate of deaths and serious injuries in crashes. Smart Growth America's 2022 Dangerous by Design[2] report documents that the nation's arterial roads represent just 15% of our nation's lane miles but 60% pedestrian deaths, and that people of color and lower income communities are disproportionately at risk. That is why our focus with CASA on safe streets in minority, immigrant, and lower income communities in communities in Virginia is so important.

If CASA is selected for participation in the program, the Piedmont Environmental Council will accept the sub-award on behalf of its Coalition for Smarter Growth division. CSG will regularly engage with CASA and other key partners of the Collaborative Problem-Solving Agreement. This includes participating in

[2] Smart Growth America, Dangerous by Design 2022, https://smartgrowthamerica.org/dangerous-by-design/

EJCPS meetings with the technical advisory panel and other key partners and stakeholders from our community.

We look forward to participating in the EJCPS to build local capacity in CASA and the community to advance transformative environmental justice projects that achieve health, equity, and environmental sustainability goals.

In summary, we encourage the EPA OEJECR to favorably consider CASA's application for this program and count this letter as an official commitment by the Coalition for Smarter Growth.

Respectfully,

Christopher Miller
President
Piedmont Environmental Council

Stewart Schwartz
Executive Director
Coalition for Smarter Growth

Chesapeake Climate Action Network

April 3, 2023
U.S. Environmental Protection Agency (EPA)
Office of Environmental Justice and External Civil Rights (OEJECR)

RE: Letter of Commitment and Support for Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program for CASA

To Whom it May Concern,

I am writing on behalf of Chesapeake Climate Action Network as a formal demonstration of commitment to partner with CASA in a financial capacity on their Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program, specifically as it pertains to their desire to create a Virginia-wide Safe Streets Program. CCAN is a grassroots organization dedicated to fighting for climate justice in the Chesapeake Region of Virginia, Maryland, and DC. We are pleased to receive a subaward from CASA and serve as a key community partner in the Request for Applications (RFA) for the Environmental Justice Collaborative Problem-Solving Agreement Program submitted to the Environmental Protection Agency (EPA) by CASA.

CCAN Role: We are committed to working with CASA and other community partners identified in the EJCPS application to advance the local vision and needs articulated in the Request for Applications (RFA). This letter confirms our agreement to accept and fulfill a subaward of $80,000 ($40,000 over two years) to establish this partnership. CCAN will contribute to the project by way of funding in the form of a subaward, and in-kind resources such as staff time, planning, capacity building support, outreach assistance, and area expertise. To support the project and its partners, CCAN commits to the following:

- Support with community outreach in the form of door knocking, participation in pop-up events, and more. Assistance with data collection during the outreach stage of the campaign.
- Participation in planning and strategy implementation for the Richmond-specific geographic area regarding the campaign.
- Assistance with identification of potential geographic areas of focus and issue areas of focus for campaigns.
- Communication and dissemination of information about the campaign to our networks and constituencies.

CASA and CCAN have agreed upon the aforementioned basic role expectations surrounding this partnership.

CCAN Relationship to Applicant: CCAN has previously partnered with CASA on the original, small-scale 'Safe Streets' campaign in Fairfax through the distribution of surveys. We attended the launch of the previous campaign and are eager to further the partnership and expand the scale and scope of the campaign. Our organization's area of expertise related to this project has been public transit issues at the state level and we have the ability to help translate the 'Safe Streets' campaign into state-wide legislation. CASA and CCAN share a vision and plan for increasing pedestrian safety and alternative transportation options and reducing air pollution and vehicle emissions.

Interest in Environmental Issue and Relationship to Community: CCAN has organized for climate justice in the Richmond region for over a decade. In recent years, CCAN has partnered closely with local organizations to advocate for improved transit quality and frequency and increase riders' influence over decision-making processes. The vast majority of riders in Richmond are well below the poverty line and rely on transit as their only method for accessing employment. Improving transit in the Greater Richmond area is therefore essential for supporting a robust local economy, on top of its climate benefits by virtue of decreasing the number of single-passenger trips over short distances.

If CASA is selected for participation in the program, CCAN will accept the subward and will be regularly engaging with CASA and other key partners of the Collaborative Problem-Solving Agreement. This includes the potential to participate in EJCPS meetings with the technical advisory panel and other key partners and stakeholders from our community. We look forward to participating in the EJCPS to build local capacity in our organization and community to advance transformative environmental justice projects.

In summary, we encourage the EPA OEJECR to favorably consider CASA's application for this program and count this letter as an official commitment by CCAN.

Respectfully,

Victoria Higgins

Victoria Higgins
Virginia Director
Chesapeake Climate Action Network

PRINCE WILLIAM
– Board of County Supervisors
Office of the Occoquan District Supervisor
Kenny A. Boddye

KENNY BODDYE
OCCOQUAN DISTRICT SUPERVISOR

U.S. Environmental Protection Agency (EPA)
Office of Environmental Justice and External Civil Rights (OEJECR)

To Whom it May Concern,

I am writing on behalf of my office, as the duly elected Occoquan District Supervisor on the Prince William Board of County Supervisors. I commit to working with CASA on their Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program, specifically as it pertains to their desire to create a Virginia-wide Safe Streets Program.

To support the project and its partners, my office commits to the following:

- Policy support as it pertains to aligning the vision of the program with Prince William County's Comprehensive Plan.
- Policy support as it pertains to aligning the vision of the program with the County's first Community Energy & Sustainability Master Plan (CESMP), which is to be adopted later this year.
- Advice and guidance on how to navigate local government agencies in the administration of the program, including but not limited to the Prince William County Department of Transportation, Office of Sustainability, Health District, and Police Department.
- Outreach and collaboration with community leaders, like-minded organizations, and the broader community to educate and promote street-level buy-in of the program.

This commitment is new, specific, and measurable in the following ways:

- **Relevant** – CASA seeks a key partnership with local government in Prince William County. In December of last year, our Board adopted a new Comprehensive Plan which calls for new connections to transit, enhancing existing transit offerings, and promoting safer street connections through a lens of equity. The proposed Safe Streets Program handshakes with these new initiatives.
- **Public** – As a member of the Board of Supervisors, and a commissioner of the Potomac Rappahannock Transportation Commission, Virginia Railway Express Operations Board, and Prince William Joint Environmental Taskforce, I have a public role in ensuring we achieve the vision set out by CASA's proposed Safe Streets program.
- **High Impact** – CASA is seeking to partner with local government in the second-largest and most diverse locality in Virginia in administering this program. A successful partnership and Safe Streets Program in this context and increase ridership on local and regional transit, reduce traffic congestion metrics, and reduce vehicle-related accidents, injuries, and fatalities. Getting it right here can serve as a model for other parts of the region, commonwealth, and nation.

In conclusion, I hope you will seriously consider CASA's application for this program and count this letter as an official commitment by my office..

In service,

Kenny Boddye

Kenny Boddye
Occoquan District Supervisor

2241-K Tackett's Mill Drive, Woodbridge, Virginia 22192 • Ex. 6 - Personal Privacy (PP) | Ex. 6 Personal Privacy (PP)

François & Sinclair, LLC
Ex. 6 Personal Privacy (PP)
Richmond, VA 23223

April 8, 2023
U.S. Environmental Protection Agency (EPA)
Office of Environmental Justice and External Civil Rights (OEJECR)

RE: Letter of Commitment and Support for Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program for CASA

To Whom it May Concern,

I am writing on behalf of François & Sinclair, LLC as a formal demonstration of commitment to partner with CASA in a non-financial capacity on their Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program, specifically as it pertains to their desire to create a Virginia-wide Safe Streets Program. François & Sinclair is a collection of expertise and contacts for various non-profit stakeholders across the Commonwealth and focused in Richmond that are all dedicated to advancing equitable access to resources and opportunity for youth and the community at large. We are happy to be listed as a key community partner in the Request for Applications (RFA) for the EJCPS Agreement Program submitted to the EPA by CASA.

François & Sinclair, LLC Role: We are committed to working with CASA and other community partners identified in the EJCPS application to advance the local vision and needs articulated in the RFA. François & Sinclair will contribute to the project by way of in-kind resources such as staff time, planning, capacity building support, outreach assistance, leveraging of networks, and area expertise. To support the project and its partners, François & Sinclair, LLC commits to the following:

- Support with community outreach in the form of door knocking, participation in pop-up events, and more.
- Assistance with reporting on metrics and outputs.
- Participation in planning and strategy implementation for the Richmond-specific geographic area regarding the campaign.
- Assistance with identification of potential geographic areas of focus and issue areas of focus for campaigns.
- Communication and dissemination of information about the campaign to our networks and constituencies.
- Facilitation of connection to local networks of schools/educational institutions.

CASA and François & Sinclair, LLC have agreed upon the aforementioned basic role expectations surrounding this partnership.

François & Sinclair, LLC Relationship to Applicant: François & Sinclair and CASA share a similar vision and continued interest in improving pedestrian safety, increasing access to alternative transportation options, and reducing air pollution and emissions from single vehicles. François & Sinclair's mission and vision align with CASA's work, and the LLC has supported CASA initiatives in the past and will continue to join in their positive community impact.

Interest in Environmental Issue and Relationship to Community:François & Sinclair is co-founded by Lyons Sanchezconcha who holds voices in the Virginia Latino Advisory Board, The Virginia College Access Network, The Asian Latino Solidarity Alliance, The Virginia College Access Network, and Scholars Latino Initiative, and Richmond Public Schools and can leverage many more community partners and their constituencies in this collective work.

If CASA is selected for participation in the program, François & Sinclair commits to regularly engaging with CASA and other key partners of the Collaborative Problem-Solving Agreement. This includes the potential to participate in EJCPS meetings with the technical advisory panel and other key partners and stakeholders from our community. We look forward to participating in the EJCPS to build local capacity in our organization and community to advance transformative environmental justice projects.

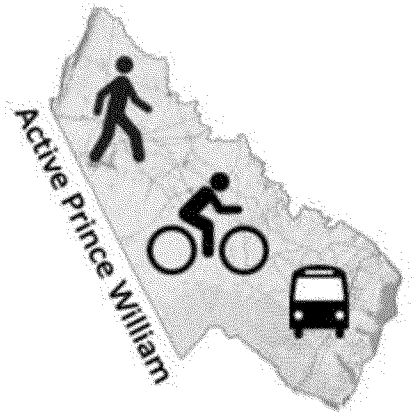
In summary, we encourage the EPA OEJECR to favorably consider CASA's application for this program and count this letter as an official commitment by the François & Sinclair. Should we need to be contacted for further discussion of our support to this initiative, please reach out to the mailing address above or email and number below.

Respectfully,



Lyons Sanchezconcha
Co-Founder,
François & Sinclair, LLC
Ex. 6 - Personal Privacy (PP)

Ex. 6 - Personal Privacy (PP)



Ex. 6 Personal Privacy (PP)
Manassas VA 20110
April 12, 2023

U.S. Environmental Protection Agency (EPA)
Office of Environmental Justice and External Civil Rights (OEJECR)

RE: Letter of Commitment and Support for Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program for CASA

To Whom it May Concern:

We're writing to communicate Active Prince William's commitment to partner with CASA in a non-financial, volunteer capacity on their Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program, specifically as it pertains to their desire to create a **Safe Streets Program within greater Prince William County**.

Active Prince William is a grassroots citizens' organization dedicated to advancing walking, bicycling, public transportation, and smarter growth to create more livable, equitable, healthy, and sustainable communities in Prince William County and the Cities of Manassas and Manassas Park. We are happy to be listed as a key community partner in the Request for Applications (RFA) for the EJCPS Agreement Program submitted to the EPA by CASA.

Active Prince William's role: We are committed to working with CASA and other community partners identified in the EJCPS application to advance the local vision and needs articulated in the RFA. Active Prince William will contribute to the project with in-kind resources such as volunteer time, planning, capacity-building support, outreach assistance, leveraging of networks, and area expertise. To support the project and its partners, Active Prince William commits to the following:

- Support community outreach via door knocking, pop-up events, and more.
- Participate in the planning and strategic implementation for the campaign.
- Assist with identifying potential geographic areas and issue areas of focus for the campaign.
- Communicate and disseminate information about the campaign to our networks and constituencies, including via social media.

CASA and Active Prince William have agreed upon the aforementioned basic role expectations surrounding this partnership.

Active Prince William's relationship to the applicant: Active Prince William and CASA share a similar vision and continued interest in improving pedestrian safety, increasing access to alternative transportation options, and reducing air pollution and emissions from motor vehicles within the greater Prince William area.

Interest in environmental issues and relationship to community: Active Prince William seeks to increase active mobility, public transit ridership, and traveler safety in greater Prince William to improve access and mobility for all residents and thereby further transportation equity, public health, environmental sustainability, and community vibrancy.

If CASA is selected for participation in the program, Active Prince William commits to regularly engage with CASA and other key partners of the Collaborative Problem-Solving Agreement. This includes the potential to participate in EJCPS meetings with the technical advisory panel and other key partners and stakeholders from our community. We look forward to participating in the EJCPS to build local capacity in our organization and community to advance transformative environmental justice projects.

In summary, we encourage the EPA OEJECR to favorably consider CASA's application for this program and count this letter as an official commitment by Active Prince William.

Respectfully,

SIGNATURE: *Mark Scheufler and Allen Muchnick*
NAME: Mark Scheufler and Allen Muchnick
TITLE: Co-Chairs
ORG NAME: Active Prince William

Ex. 6 Personal Privacy (PP)

4040 Wilson Blvd Arlington VA 22203| Ex. 6 - Personal Privacy (PP) | Ezelaya@wearecasa.org

EDUCATION AND CREDENTIALS

2008-2010	Major: Architecture, Universidad UNIVO, El Salvador
2010-2011	Columbia Heights Education Campus
2016-2018	Leadership Principles , Management Essentials, Harvard Business School
2021-2022	Cybersecurity Strategy, Georgetown University
2023-2023	Currently Executive leadership, Georgetown University

WORK EXPERIENCE

Feb. 2022 — Virginia State Director of Organizing

Feb. 2021 — Regional Lead Organizer

Jan. 2020 — Fairfax, Lead Organizer

Feb. 2013 — Promoter, Organizer & Organizer II, *CASA*, Falls Church, VA

- Led and formed multiple groups of community members and structured them as "comites" or committees that are the main foundation of the social organization in Virginia for CASA.
- Completed and processed 1,300 CASA memberships during this time to increase the organizational strength and better serve immigrant communities.
- Led and supported the various local, state, and federal campaigns. Led initiatives including the Fairfax for All coalition that aims to dismantle the collaboration between ICE and Fairfax County, the fight for driver's license and an increase to $15 in the General Assembly.

June. 2016

Nov. 2016 — Lead field Director

Coordinated and managed the electoral team for CASA in Action in Virginia in support of Hillary Clinton, Tim Kaine, and LuAnn Bennet for Congress. Led a team of organizers and canvassers in the areas of Fairfax and Loudoun Counties.

Aug. 2012-
Feb. 2013 — Assistant Supervisor, *ADM,* Washington, D.C.

- Supervised workers and their needs, administered their time and duties and ensured that all operations in the buildings in which I supervised were always

running well. Was responsible in giving access to the employees to areas of security that required supervisory access.

Sept. 2009-
Nov. 2010

Project Supervisor, *RyL Construction Co.,* San Salvador, El Salvador

- Read and explained blueprints of construction sites and buildings and relayed the information to project managers in order to plan the amount of constructions material needed in specific sites in El Salvador.
- Reached out to localities to seek funding for construction projects of roads and buildings.

Feb. 2007-
Dec. 2008

Professional Soccer Player, *Aguila Futbol Club,* San Salvador, El Salvador

- Played soccer professionally for the Aguila FC in El Salvador and played in the national football league as a left wing, right wing and occasionally as a striker.

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Ex. 6 Personal Privacy (PP)

Professional Experience:

Chief of Organizing and Leadership: September 2022 – Present
Baltimore & Central Maryland Region Director: September 2019 – September 2022
Position Highlights:

- Oversee all of Baltimore and Central Maryland's programs, services and management personnel
- Manage over two dozen political and direct service partnerships in all of Baltimore and Central Maryland
- Improve the quality of life for Immigrant, Latinx, and working class families through direct advocacy campaigns alongside the regional lead organizer and CASA members
- Oversee all of Maryland's Police reform efforts for CASA - Convener of Baltimore City Police reform coalition CJSJ, and steering committee member of Statewide MCJPA Police Reform coalition
- Oversee reporting on all Baltimore and Central MD programmatic grants

Regional Lead Organizer: July 2017- September 2019
Position Highlights:

- Promoted to Regional Lead Organizer overseeing all Central MD as of July 2017
- Oversee all of Central MD Police reform efforts

Sole Convener of CASA Baltimore's police Reform Coalition (CJSJ) consisting of 30 partner organizations
Manage all of Central MDs local organizing campaigns and lead 3 community organizers throughout the local, state, and national organizing efforts
Oversee all of CASA Baltimore regions Multiracial school based and neighborhood organizing efforts
Manage and lead reporting on 5 programing Grant's and support management of workload and reporting on 14 Grant's including: BCF Digges, BCF Youth Leadership for Change, BCF Renewal Fund, Abell, OSI-CJSJ, BCYF MHEC, BGE, UWCM, AmeriCorps, Baltimore County CBDG, Baltimore County CDBG, HNI, Mayor's Office OST

CASA in Action Canvass Manager: June 2018- November 2018
Baltimore County and Anne Arundel County Primary and General elections:
Position Highlights:

- Succeeded in running a robust canvassing operation, reaching 13,900 doors in Anne Arundel county; beating the incumbent, and ensuring the election of Pro-immigrate candidate Steuart Pittman
- Hired, trained, and managed the canvassing team for the Anne Arundel County's General County Executive race
- Succeeded in running a robust canvassing operation, reaching more than 6000 doors for CASA in Action's endorse District 11 Senate candidate Sheldon Laskins
- Hired, trained, and managed the canvassing team in Baltimore Counties Primary Senate race

Lead Organizer: March 2016 - July 2017
Position Highlights:

- Expanded and oversaw all Multiracial neighborhood based organizing campaigns throughout Baltimore Region
- Managed a team of 2 Baltimore Region Based organizers through local, state, and national efforts
  - Expanded Escalera College prep programming into (2) Baltimore based High schools
- Managed all youth school based and after school programing: Mi Espacio, Escalera, and SPIRIT programing
  - Managed a team of 2 education AmeriCorps and (1) youth organizer.
- Managed and lead programing reporting on (9) grants and supported in management of workload and reporting of 14 total grants including: BCF Digges, BCF Youth Leadership for Change, BCF Renewal Fund, Abell, OSI-CJSJ, BCYF MHEC, BGE, UWCM, AmeriCorps, Baltimore County CBDG, Baltimore County CDBG, HNI, Mayor's Office OST

Community Organizer I: August 2014 - March 2016
Position Highlights:

- Expanded Central Maryland's member committees' by forming the first Northwest "Owings Mills" Committee in Baltimore county

- Developed CASAs first neighborhood based Multiracial organizing campaign in the Fallstaff neighborhood
- Implemented one of CASAs first "Escalera" College Prep- after school programing cohorts in Owings Mills High school

AmeriCorps Citizenship Maryland Program at CASA: September 2013 – August 2014

Position Highlights:

- Doubled the number of applicants served through Baltimore Citizenship program, through innovative outreach and networking
- Assisted 90 eligible applicants with their N-400 application for naturalization
- Achieved 100% passing rate of mentored applicants attending naturalization interviews
- Organized (4) citizenship clinics in Baltimore and succeeded in tripling clinic attendance
- Introduced over 90 new members to the organization through services and referrals
- Assisted Permanent Residents with Green Card renewals
- Recruited and retained key volunteers for applicant outreach and program services and events

Assistant Softball Coach for Morgan State University Division I Program: Augusts 2012 – June 2014

Position Highlights:

- Increased Outfield players fielding percentage by 109% during first year coaching
- Developed and implemented former and modern training drills for daily practices
- Developed accountability practice metrics for better improvement measurements and 1:1 check-ins
- Successfully recruited talented student athletes to the university
- Analyzed and prepared scouting reports for Head Coach

Private Spanish Instructor: October 2010 – June 2014

Position Highlights:

- Developed and implemented popular education based curriculum for youth aged 7-13 in introductory Spanish for (3) different families
- Lead biweekly introduction lessons for (20) senior adults at Creator Faith Baptist Church Baltimore City wide

Legends Sports Fan Retail Store: December 2007 – August 2013

Position Highlights:

- Promoted from sales associate to assistant manager within (3) months of hire
- Increased storewide holiday sales through innovative marketing campaign
- Implemented new method for preparing daily sales reports and achieving monthly budgets
- Managed a team of 7 full-time and part-time sales associates

Social Justice Volunteer Experience:

Robert M. Bell Center for Civil Rights in Education Volunteer: August 2010 – November 2013

- 2012 Dream Act symposium organizer
- 2012 Voter registration drive
- 2010-2013 Student Activist

Baltimore CASA de Maryland Youth Committee: August 2010 – August 2014

- Maryland Dream Act Advocate
- CASA MD Certificate of Outstanding Community Leadership 2011

Education: Morgan State University BS in Political Science, Minor Pre-Law and Spanish

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FUND DEVELOPMENT & OPERATIONS MANAGEMENT

PROFESSIONAL PROFILE

- High-performing fundraising & development leader with a demonstrated ability to instill a common vision within dynamic and diverse teams and a proven record of accomplishment for directing process analysis, procurement and contracting, budgeting, grant making, fund development and compliance activities within nonprofits, philanthropy and local government.
- Record of accomplishment of successful strategic leadership within finance and operations, developing and overseeing annual operating budgets of over $20M. Possess a high commitment to excellence and expertise in managing organizational change to achieve maximum results.

PROFESSIONAL EXPERIENCE

Sr. Director of Development, *CASA*, Langley Park, MD (2019 – Present)
- Responsible for raising $25M - Organization's operating budget.
- Raised $4M between March 2020 – July 2020 to fund the organization's COVID-19 Response plan.
- Raised an additional $5.5M above the Board approved budget in 1 year with organization.
- Execute regional, multimillion dollar capital campaigns.
  - Pennsylvania - York Office – $ 5.1M (75% completed)
  - Maryland - Rockville Center - $10M (Active)
  - Maryland – Baltimore Center $14M (Completed 2020)
  - Woodbridge Welcome Center - $8.1M (75% completed)
  - Fairfax Welcome Center - $7.5M (Active)
- Oversee team of development associates, administrative associate, and grant writers and create comprehensive plans to sustain and expand CASA's foundation and government grant sources to support CASA's annual and long-term strategic plan goals and annual operating budget.
- Execute Organization's annual revenue/income budgeting process.
- Active player in Organization's strategic and DEI planning efforts.

Senior Consultant, Grants & Contracts Operations & Systems Development, *MOHS*, Baltimore, MD, (2017 – 2018)
- Recruited to design and lead an effective record-keeping process for all grant and contract agreements, amendments to contracts and MOU's focused on service quality, process improvement and grantee performance measurement.
- Developed and implemented a grantee and vendor performance-measurement system to substantially improve management of quality, operational, and financial information.
  - Executed a system to collect and analyze data, program documents and financial information.
    - Processes led to increased efficiency in contract execution and decreased delays in grantee payments.
      - 59% of contracts executed within three days of City's Board of Estimates approval.
      - 86% of grantee advances paid within the same month of contract execution and program start.
- Oversaw the Community Youth Program's $2.58M in grant-making efforts, including RFP development, proposal review and grantee selection processes.
  - Provided grant and program oversight and advisement, including:
    - Programmatic and administrative site visits
    - Scope and budget development workshops and assistance
    - Program planning and fund development advisement
    - Staff and executive-level capacity building and technical assistance activities
- Co-developed and convened a cross-sector advisory group of subject matter experts tasked with developing the strategy for addressing the issues outlined in the Decree.

Director of Partnership Management, *Family League of Baltimore*, Baltimore, MD, (2014 – 2017)
- Developed and executed organizational funding priorities.
  - Provided upwards of $40.9M dollars in grants to Baltimore City organizations serving youth, families and communities.
    - Oversaw dedicated personnel and the administrative and financial grant operations of more than 140 funded programs and organizations.
  - Executed the organization's first 100% youth-led grants solicitation and review process.
    - Within the first year and a half, the youth panel, comprised of 30-40 youth aged 14 to 18, went on to grant upwards of 400 thousand dollars in small community grants to over 70 Baltimore city-based organizations providing summer, spring and winter activities to youth.

- Led and supported cross-departmental teams on several federal and private grants applications resulting in upwards of $20M for the organization annually and implemented efficient grants management to ensure all aspects of individual gifts and corporate or foundation grants were met and the expenses accounted for.
    - Researched potential funding opportunities with a high successful funding rate.
    - Drafted and negotiated grant, facility, service, event, IT and media/communications and marketing agreements, MOUs and BAs ensuring organization responsibility and fiscal stewardship.
    - Reviewed and administered contracts and modifications, including preparation of contract review records and managed local and federal government grants and contract compliance.
    - Successfully identified, cultivated, solicited and stewarded individual and corporate donations of $1,000+.
- Oversaw organization's vendor procurement operations and activities.
    - Oversaw $1.5M in vendor procurement activities.
    - Re-designed vendor procurement policies ensuring women and minority-owned business accounted for equal percentage of contracted service providers.
    - Revamped organization's vendor records and contracts management processes, resulting in a 50% reduction in vendor procurement and contracts processing and execution time.
- Developed and implemented several organization wide policies and SOPs including:
    - Procurement of Good and Services Policy
    - SOP for partner requests for letters of support
    - SOP and standards for contracts process

Director of Special Populations & Cultural Competency Officer, *Healthy Howard, Inc.*, Columbia, MD, (2009-2014)

- Managed project resources, progress, completion timeframes, and budget while exceeding key operational and programmatic performance targets.
- Developed and executed $1.5 million budget to fund four various service programs.
    - Solicited funding support via grants and proposals.
    - Developed and managed data and program outcome tracking database.
    - Recruited, hired and trained 12 support staff positions including program directors, managers, RNs and coordinators.
- Reviewed and analyzed population and individual health data at the program and county level to develop equitable health programs targeting vulnerable communities and populations.
    - Developed and implemented internal and external facing recommendations for changes in strategies, procedures, policies and standards.
    - Executed continuous quality improvement plans to ensure program progress and effectiveness
- Developed and oversaw the Howard County Health Plan for six years, providing healthcare coverage to uninsured individuals:
    - Increased provider partnerships and specialty network by more than 80% within two years.
    - Procured and implemented a medical video interpretation service for plan's limited English speakers.
- Established a Community Care Team that reduced hospital emergency department spending by more than $.5M within the first 6 months, with a projected $2.5M reduction by the end of 2015.
- Built and systematized a Prenatal Services program providing free and reduced healthcare for uninsured Latina women resulting in increased care for undocumented individuals and successful, healthy births for all participants.
- Directed a reentry program, in partnership with Jessup Correctional Facility, Howard County Mental Health Authority, and several others to assist newly released inmates with accessing healthcare, employment, and other necessary services in an effort to reduce recidivism.
    - More than 90% of participants connected with healthcare within two weeks of release.
- Oversaw operations of the Howard County Local Health Improvement Coalition, tasked with reducing health disparities in Howard County, to include quarterly meetings and events for more than seventy-five members and stakeholders.
- Assigned Cultural Competency Officer after receiving recognition for internal and external diversity and inclusion efforts.
    - Certified that the organization and its policies and procedures complied with federal mandates, guidelines and regulations when serving Limited English Proficiency and foreign-born populations.
    - Developed and executed organization-wide cultural and linguistic competency policies and training.

EDUCATION

University of Maryland
MBA (Management & Administration)
Bachelor of Arts, Psychology (Behavioral and Cognitive Psychology)

Qualifications Summary

CPA candidate with over seven years' experience in public accounting with expertise in the not-for-profit industry. Dedicated tasks include performing accounting, auditing, and tax services of exempt organizations. Having worked with non-profit organizations that include a variety of associations, foundations, and charities across Maryland, Washington DC, and Virginia with revenues ranging from $100,000 to $35,000,000. These organizations range from single entity non-profits to organizations with multiple nonprofit and for-profit subsidiaries.

Professional Experience

CASA

Chief Operating Officer
Chief of Finance and Operations
Director of Finance

November 2014 - Present

Hyattsville, MD

- Lead a finance department of four staff members
- Prepare and analyze organizational financial statements
- Ensure compliance with Generally Accepted Accounting Principles (GAAP)
- Monitor grant contract management compliance and spending
- Oversee the organization's annual audit and tax return preparation process
- Monitor bank accounts and organizational cashflow for operations
- Ensure intercompany transactions are properly reported
- Support Department Directors with financial recommendations for their departments spending
- Oversee the cash disbursement process to ensure bills are paid timely
- Oversee financial policies and procedures and implement new procedures to ensure the proper controls are in place

Watkins Meegan LLC

Senior Accountant

September 2007 - November 2014

Bethesda, MD

- Perform audit engagements in accordance with standards generally accepted in the United States of America
- Conduct audit fieldwork procedures of not-for-profit organizations which include audit planning, risk assessment, internal control review and testing, substantive audit procedures, and analytical procedures
- Gain understanding of client procedures for processing payroll, revenues/receivables, and expenses/payables
- Examine internal controls in place to help prevent and/or detect fraud, and provide recommendations of additional controls for implementation

- Analyze client provided account reconciliations, schedules, general ledgers, financial statements, annual budgets, and other internal reports
- Analyze reports generated from various accounting systems such as Navision, Great Plains, Solomon, and QuickBooks; as well as analyzing reconciliations and schedules provided in excel
- Collaborate with clients in reconciling general ledger accounts. Such areas include investments, accounts receivable, accounts payable, deferred revenues, intercompany transactions, etc.
- Recommend necessary journal entries based on review of the transactions, account reconciliations, and the general ledger
- Lead in the preparation of financial statements (including consolidated financial statements), audit reports, and footnotes based on audited and compiled data
- Train and supervise accounting staff; duties include assigning work, guiding accountant through assignments, assisting with questions, and reviewing and evaluating work completed
- Assist in the performance of A-133 Single audits of non-profit organizations
- Prepare and review federal and state tax returns of not-for-profit organizations (form 990 and 990-T)
- Maintain communications with client Management and staff during the audit and throughout the year. Assist Management with finance/accounting support as needed.

Haley & Associates — **Accounting/Tax Intern**
2006-2007 — Beltsville, MD

- Prepared income and informational tax returns for a diverse client base including high net worth individuals, not-for-profit organizations, S and C corporations, and partnerships
- Prepared engagement letters for audit services to be performed
- Assisted with audit procedures for audit engagements of not-for-profit organizations
- Assisted with bookkeeping services of not-for-profits, and corporations

Education

Robert H. Smith School of Business — **Bachelor of Science Accounting**
University of Maryland – College Park — Fall 2006

Technical Skills

- Proficient with Microsoft Windows 95/97/98/XP/Vista/7/8, Word, Excel, Power Point, QuickBooks
- Knowledgeable of Navision, Great Plains, and Solomon account system
- Knowledgeable of iMIS, Sage, NetForum, and Raisers Edge development applications
- Proficient with ProSystems fx, and GoRS - tax software applications
- Proficient with Prosystems Engagement Manager and GoFileRoom - paperless client management software applications

Ex. 6 Personal Privacy (PP)

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Education

Master of Arts (M.A.) in Latin American Studies, GPA 3.92, 2016 | University of Florida, Gainesville, FL
Specialization in Development Studies, Nonprofit Management Minor
Thesis Title: Street Dogs and Cats in Dominican Urban Society
Conducted thesis research in Spanish with NGO in Dominican Republic

Bachelor of Arts (B.A.) in International Studies, Cum Laude, 2014 | University of Florida, Gainesville, FL
Study Abroad Program, May-June 2013 | University of Florida, Santiago, Dominican Republic

Experience

Manager of Federal & Capital Grants, CASA, Inc., October 2022-Present, Hyattsville, MD

- Work with Sr. Development Director to design & implement fundraising plans to maintain and raise federal resources
- Work with Sr. Development Director to manage and raise resources from institutional funding sources, foundations, corporations, government, and individual donors for capital projects
- Build and strengthen relationships with funders – represent CASA at meetings, site visits, and events
- Collaborate with staff to develop budgets for proposals and collect and report data for grant reports
- Assist with event planning including fundraising, sponsor relationships, and logistics

Community Solutions Supervisor, SafeHaven Humane Society, March 2022-July 2022, Tangent, OR

- Directed veterinary grant program, Home to Home adoption program, and other client-focused programs
- Worked to reduce barriers for pet-related services
- Completed adoption follow ups via email, phone, and mail; entered correspondence in DonorPerfect fundraising software
- Donor stewardship with "In Memory"/"In Honor Of" gifts

Program Development Coordinator/Supervisor, SafeHaven Humane Society, February 2021-March 2022, Tangent, OR

- Played a direct role in program development, implementation, and organizational growth and direction
- Supervised, grew, and improved Volunteer, Community Outreach, and Foster Care departments
- Developed and coordinated comprehensive new staff onboarding program and other employee and volunteer trainings
- Coordinated with stakeholders and laid framework for new Temporary Hospital Foster program
- Carried out Pet Food Pantry, Offsite Adoption Events, Pet Therapy, BottleDrop, donation drives, Meals on Wheels, etc.

Volunteer and Foster Care Coordinator, SafeHaven Humane Society, Oct 2019 - February 2021, Tangent, OR

- Facilitated all aspects of the volunteer program using Volgistics management software
- Conducted preventative care appointments, coordinated emergency and non-emergency medical care for foster animals

International Admissions Coordinator, University of North Florida, January 2017-August 2019, Jacksonville, FL

- International student recruitment via email campaigns, inquiries, communication with counselors, agents, etc.
- International student recruitment via international travel. Identified suitable locations based on market trends, budget, student population, etc. Organized and implemented international trips including all presentations, appointments, site visits, fairs, transportation, and lodging. Upon return, closed out travel request and reconciled funds
- Processed exchange students including application, registration, and orientation. Assisted with maintaining exchange balances and relationships with partner institutions abroad
- Managed and allocated international student scholarships with combined annual budgets of $650,000
- Secured funding for and carried out student events including volunteer trips with local nonprofit organizations
- Oversaw and directed student assistants

Volunteer

Client Outreach Coordinator, Fences for Fido, March-Aug 2022, Linn & Benton County, OR

- Communicated with clients, crew leaders, and volunteers to plan, schedule, and build fences to keep dogs off chains

Citizenship Preparation for Refugees Instructor, Southside Baptist Church, Sept 2017-May 2019, Jacksonville, FL

- Taught a weekly class to refugees applying for US Citizenship through USCIS
- Prepared students for the civics (US history and government) and English portions of the application and interview

Animal Outreach Volunteer, La Fundacion de Animales en Peligro Inc., June-July 2014 & 2015, Santiago, Dominican Republic

- Orchestrated veterinary outreach programs for pets and street animals in neighborhoods with need
- Held fundraisers at local businesses

Skills

- Conversational Spanish, strong intercultural communication and cultural intelligence
- Microsoft Word, Excel, PowerPoint, Canva, Outlook, Volgistics volunteer management, DonorPerfect

1.0 PROGRAM OBJECTIVES

A. Project Summary Page

Project Title: Virginia Safe Streets Project Expansion
Project Location: The project will take place in Prince William County, Woodbridge, VA 22192, Fairfax County, Culmore, VA 22041, and Richmond, VA (City of Richmond),in communities with immigrant and working-class residents, especially Limited English Proficient (LEP), Latino, and West African immigrants.
Applicant Information: CASA, Inc. | 8151 15th Ave, Hyattsville, MD 20783-3501 | Ex. 6 - Personal Privacy (PP) | yviera@wearecasa.org
Brief Description of Applicant Organization: Founded in 1985, CASA is an organization of and for immigrants and people of color. Our mission is to create a more just society by building power and improving the quality of life in these communities. We advance this through community engagement and organizing and by providing programs, including vocational training, community economic development, citizenship support, access to health, and many more.
Are you applying for the Small CBO Set Aside Track for $150,000 projects? No.
Project Abstract: CASA seeks funding to expand existing Safe Streets Fairfax work into a Virginia Statewide program focusing on pedestrian safety and promoting alternative commute options to decrease private vehicle use and associated air pollution and emissions. With five project partners, CASA will engage working-class and immigrant members through local and state-level transit equity outreach efforts. These efforts will connect immediate needs in communities of color, including safety and access to economic opportunity, through increased, safer, and more reliable transit and transportation options. CASA will integrate our proven adult popular education model to inspire community members to further analyze the impact of current transportation systems in perpetuating racial and economic inequity and in contributing to climate change.

The project consists of four components: (1) a planning stage to assemble a Stakeholder Advisory Committee and develop materials, (2) a public engagement, community outreach, and education stage consisting of community meetings, surveys, field work, etc., (3) the development of a comprehensive proposal centering voices of marginalized communities, and (4) bringing forth the proposal to decision-makers to ultimately ensure concrete tangible changes to reduce fossil fuel emissions through increased transit and safe transportation systems for pedestrians and cyclists.
Project Type(s): Community outreach and engagement, public education
Special Considerations: Not Applicable
Environmental Issue: Air pollution reduction, greenhouse gas emissions reduction, air and water quality education and outreach, energy efficiency education, indoor air quality education
List of Project Partners: (1) Coalition for Smarter Growth – Nonprofit Community Organization, (2) Chesapeake Climate Action Network – Nonprofit Environmental Organization, (3) Occoquan District Supervisor Kenny Boddye – Local Government (Prince William Board of County Supervisors, Virginia), (4) François & Sinclair, LLC – Business, (5) Active Prince William – Grassroots Citizen Organization
Will you need to develop a QAPP for your project? No.

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B. Environmental and Public Health information of the Underserved Community

CASA is a community-based nonprofit organization (CBO) and our constituency is made up of immigrants and other working-class communities of color who are among the nation's most underserved and marginalized populations and are impacted by persistent poverty and inequality. A majority are immigrants from Latin America and West Africa and speak a language other than English as their primary language or are Limited English Proficient (LEP). These populations traditionally make limited use of government resources due to systemic barriers.

Specific community demographics vary by region and location and efforts to serve are tailored linguistically and culturally as appropriate; CASA is a multilingual organization with the capacity for outreach and service to community members in English, Spanish and French. In Virginia, our focus is on immigrants from El Salvador, Mexico, and Guatemala. In addition to populations in close proximity to CASA's ten offices in four states, CASA's constituency has a national reach with immigrant and working-class members across forty-six states.

Immigrant and working-class communities of color face long-standing issues related to health and environmental justice. Health justice issues include a lack of access to quality, affordable healthcare. Further, members of communities CASA serves are more likely to be denied a green-sector job, to see their rent go up from wasteful and outdated energy usage, or to be related to a climate refugee. As such, CASA members have long since recognized that justice for the environment is one and the same as justice for their communities.

Concerning the proposed project, immigrant and working-class communities face environmental and health justice issues as a result of a lack of proper pedestrian infrastructure and insufficient public transportation. For example, the Bailey's Crossroads community in Fairfax County is home to a large immigrant population; many residents rely on walking, biking, and the bus to get to work and to participate in daily activities. The main arterial road connecting critical walkable infrastructure such as grocery stores, schools, religious institutions, and other services is unsafe due to missing sidewalks, few safe crossing options, bus stops without crosswalks, and heavy, high-speed traffic. Fairfax County Department of Transportation found that four of the top ten high risk corridors in the county for pedestrians are in Bailey's Crossroads ***(refer to Attachment A)***.

The results of a walkability survey ***(refer to Attachment B)*** by CASA and Coalition for Smarter Growth that received 202 responses revealed that survey respondents from the Culmore community walk, bike, and use transit at considerably higher rates than Fairfax County residents. When taken in combination with increased rates of injury and fatality for pedestrians and cyclists, this highlights the way immigrant and low-income communities are disproportionately impacted as a result of lack of pedestrian infrastructure and safety. In short – immigrant and working class communities who need safe, clear right of ways the most often live along or frequently use corridors with the lowest quality right of ways.

With this project, CASA seeks to address the following environmental/public health issues:

- Air pollution
- Greenhouse gas emissions

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- Pedestrian safety
- Alternative transportation options, and
- The impact of current transportation systems in perpetuating racial and economic inequity and in contributing to climate change, climate justice

By addressing these issue areas, CASA's project will help to ensure that the whole community benefits from positive results including, (1) increased, safer, and more reliable transit and transportation options including but not limited to cycling, walking, and public transportation that serve to decrease private vehicle usage and associated fossil fuel emissions and air pollution coupled with a reduction in the number of pedestrians involved in auto-accidents; (2) further education and analysis of both the larger scale impact of current transportation systems in perpetuating racial and economic inequity and in contributing to climate change; (3) an increase in the number of community members utilizing public transportation, walking, and bicycles instead of private vehicles as a result of climate education and tangible physical investments in safe commuting and transit structures such as bike lanes, better lighting, pedestrian crosswalks/crossing areas, improved sidewalks, etc., and; (4) improved public health and environmental outcomes in immigrant and working-class populations as a result of outreach education surrounding topics including energy burden (information on energy efficient appliances, weatherization, IRA benefits, how to understand your electric bill, protecting against scammers with fraudulent energy-related practices), indoor air pollution (information on the dangers of indoor air pollution and air and water quality), and climate-related damage to homes (information about insurance, accessing disaster relief, what to do in case of an emergency). Potential long-term outcomes include improved indoor air quality in homes of community members and a reduction in associated respiratory issues, homes equipped with more energy-efficient modifications, improved health as a result of weatherization efforts and decreased mold exposure, etc.

The areas where our membership and community base reside and work are heavily affected by pollution and environmental degradation. Using EJSCREEN, CASA pulled information related to our project areas of focus. In the city of Richmond, diesel particulate matter ranges as high as 90%, and airborne cancer toxin risk is at 99% over the entire city. Respiratory risk from air toxicity also ranges high, from 80% to 90%. In the northern part of Richmond, 90% to 99% of neighborhoods are in high proximity to traffic. That range is wider, with a lower minimum, for our communities in neighborhoods in the south part of the city (24% to 90%) because of proximity to the James River.

Similar rates of pollution pertain for communities in Fairfax County, with a diesel particulate matter rate ranging from 70% to 90%, airborne cancer toxin risk ranging from 80% to 99%, and the exact same rate for airborne respiratory toxicity risk. Traffic proximity for our neighborhoods ranges from 70% to 99%, including busy areas such as the Beltway, Springfield, Centreville, and Annandale.

In Prince William County, a high rate of diesel particulate matter is localized primarily around Gainesville, where it ranges from 60% to 70%. Airborne cancer toxin risk is uniformly high across our communities' neighborhoods in the county at a range of 80% to 90%, and airborne respiratory toxicity risk is somewhat better but still concerning at 50% to 80%. Traffic proximity

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varies widely, from 20% to 90%, with heavily populated localities like Gainesville and Dale City representing the high end of that range. In those same areas, the asthma rate is in the 50 to 60th percentile.

Overall, if you look at the entire project area from Fairfax County, to Prince William County, to the city of Richmond, you will see those three areas are more polluted than surrounding neighborhoods, counties, and cities ***(refer to Attachment C)***.

C. Organization's Historical Connection to Underserved Community

CASA's historic and ongoing commitment to impacting and empowering immigrant and working class community members is in our organizational DNA. CASA's staff have the cultural proficiency and language capacity to reach the immigrant and working class communities throughout our regions. For example, in recent years, the immigrant community in the DMV region has grown proportionally to include far more Francophone West African families, and CASA has invested heavily in recruiting and training Francophone staff to serve this population.

Moreover, our rootedness in the community as a trusted messenger and track record of successfully engaging immigrant communities who are often wary of government programs is demonstrated by our outreach and engagement work on the U.S. Census, ACA, public benefits, and COVID-19 relief and assistance. CASA's comprehensive model means that we do not conduct outreach alone, but also provide comprehensive engagement, screening, and enrollment assistance, minimizing turnaround and referral delays and dropoffs. CASA also has longstanding partnerships with a number of other community institutions, allowing for cross-referrals and keeping CASA staff abreast of best practices.

Furthermore, engaging communities in issues that impact their communities has been a core component of our work for 37 years. This is true not only of CASA's members, but also of our partner organizations and institutions. CASA is proud of our robust network of partnerships built on shared commitments, values, and trust. Whether working in partnership or within our own membership and communities, we have decades of experience engaging stakeholders through direct individual outreach, digital communications, community meetings and events, phone and text outreach, and social media. Further, our staff have significant experience leveraging the relational networks of our members and new outreach contacts by training and supporting them to reach out to their own family and friends, thus amplifying the effect of the community connections we build.

Rather than working from a predetermined set of efforts, CASA's strategic plan directs us to work to achieve racial and economic justice and to create the space and conditions for disadvantaged people to lead their own work and be their own spokespeople. CASA's strategy for engaging underserved communities includes conducting direct outreach and building grassroots leadership from the ground up, while also developing partnerships and coalitions with public and private stakeholders. We build community through outreach efforts that utilize one-on-ones and digital outreach as a method of developing support for and interest in community-wide issues – while leveraging community assets, such peer networks, to expand reach.

CASA has worked with our community members across our footprint on issues of environmental and public health justice, specifically in organizing themselves around their own goals and fitting our community's own priorities into those struggles. CASA previously implemented a small-scale, environmental and health justice 'Safe Streets' campaign in Fairfax county to address community-driven issues such as unsafe pedestrian and bicycle commuting options due to lack of sidewalks, few safe crossing options, bus stops without crosswalks, and heavy high-speed traffic. The target area is home to a large immigration population where many residents rely on walking, biking, and using the bus to get to work and other daily activities. This project proposal aims to scale up goals to fix unsafe conditions through safety investments such as speed limit reductions, high visibility crosswalks at key intersections, automated speed warning signs, median refuges, improved sidewalks, bicycle facilities, and bus stops, and more.

Environmental health hazards as well as inactive lifestyles are both major impediments to public health. Auto emissions are a significant part of the overall air pollutant load in urban and suburban communities, and driving, as opposed to walking, biking, or taking mass transit, is a fundamentally passive transportation form that contributes to inactive lifestyles and attendant concerns such as heart disease, obesity, etc. Reducing emissions through investment in public transportation is a viable strategy especially for lower income community members who might prefer not to drive anyway due to the expense of car ownership. But community members cannot use greener transit options if they do not feel safe doing so – risk of injury or death along an unsafe corridor for commuters, children, and other pedestrians can be just as great as more attenuated environmental health concerns and can cause equal or greater hardship.

CASA is a member-led organization of and for low-income populations, immigrants, and working-class communities of color and thus all program areas originate with and serve the low-income (economically disadvantaged) community. CASA is built on a web of member committees on the local and national level – geographic and campaign based – where members hash out the decisions about what the organization fights for, what our strategy is to get there, and who will represent them in CASA's organization-wide Leadership Council. In early 2021, CASA members identified climate justice as one of the organization's most urgent and pressing priorities.

CASA's service approach is based on "popular education" – a participatory educational methodology wherein service delivery, interventions and educational materials are all designed to consider the social, economic, political and cultural context in which the individual finds themself when approaching the organization. CASA has used this learner-centered approach successfully for nearly three decades to educate and engage low-income, Limited English Proficient (LEP), people of color. As members identify new service needs or areas required by the community, CASA adapts and fills in to meet those needs, ensuring that the member-driven structure guides the organization. Our diverse staff are reflective of the community we serve and this combination of cultural competency and authentic representation helps ensure that the organization is inclusive and equitable.

Empowering and building the capacity of communities of color to advocate for themselves and their communities is at the core of all of CASA's work – to move disadvantaged community

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members from a position of oppression to a position of power. Further, CASA advances racial equality and economic justice by engaging communities of color in identifying both the immediate and systemic barriers they face, providing targeted services and systems navigation to address immediate barriers, and leveraging their individual and community assets to advocate for policy changes that ultimately remove systemic barriers. Through the direct participation of communities of color not only as targets of advocacy efforts, but in the development of policies themselves, we will arrive at a more just and equitable process which will necessarily result in better outcomes for the community as a whole.

The 'Safe Streets' program in particular was created out of community need. CASA performs an essential function by connecting members' everyday issues to larger issues, providing our members the tools to better advocate for themselves. As part of this program CASA has continued building up the list of new community members of existing committees in Fairfax, Mannassas/Prince William, and Richmond, as well as conducting workshops to engage working class and immigrant members in the fight for climate justice.

During the initial 'Safe Streets' campaign, CASA and Coalition for Smarter Growth conducted a walkability survey ***(refer to attachment B)*** that received 202 responses and revealed that people overwhelmingly do not feel safe walking, biking, or getting to transit. Crime, dangerous driving, poor lighting, lack of bike infrastructure, not enough time to cross the street, and lack of connected sidewalks and safe crossing options were cited as reasons. (***Refer to attachment D for more information about the campaign).***

Catalina, an immigrant from Ecuador and CASA member who lives in Culmore, VA, shared her story ***(refer to attachment E)*** with unsafe street conditions and her daily commute to work on a scooter, describing the lack of traffic signage and lighting for scooter riders, cyclists, and pedestrians. Catalina is joining the fight to advocate for sidewalks, lighting, and crosswalks for pedestrians, all with adequate signage to create a safer environment for all pedestrians.

Jose, an immigrant from El Salvador and CASA member who lives in Culmore, VA provided testimony ***(refer to attachment F)*** describing concerns about the amount of vehicle accidents, high speed limits, lack of signs for pedestrians and cyclists in the area. He regularly travels on foot to shop for food, do laundry, and get to work, and laments that there have been human casualties as a result of the issues described. Jose urges the relevant authorities to take action to lower speed limits, add signage, and add adequate lighting to improve pedestrian safety on public streets and reduce preventable fatal accidents.

Viviana, an immigrant from Ecuador and CASA member who lives in Culmore, VA commented on her reasons for supporting the 'Safe Streets' campaign ***(refer to attachment G)***, citing that the roadway that she and her family of two children travel along for working, shopping, laundry, and restaurants has become increasingly dangerous for pedestrians due to lack of pedestrian and cyclist signage and ample space. She is concerned about the vehicle crashes that have unfortunately claimed human losses. As she is currently pregnant with her third child, she is concerned for her and her family's safety and urges officials to implement proper lighting, vehicle speed reducers, and marked signage for pedestrians.

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D. EJCPS Model

The project will engage with all seven EJCPS Model Elements to some degree.

1. Issue Identification, Visioning, and Strategic Goal-Setting: Work on Element 1 has already begun at a preliminary level with (1) CASA members selecting climate justice as a key priority for the organization, (2) the initial pilot 'Safe Streets' campaign through the input of immigrant and working-class communities via a survey and other outreach, but will be expanded during the planning phase of the proposed project with support from partner organizations and impacted communities. Further, identification of major partners has already taken place and is detailed in this proposal and accompanying letters of commitment. CASA will build upon existing community experience and knowledge by engaging community partners via the establishment of a Stakeholder Advisory Committee in each project geography.

2. Community Capacity-Building and Leadership Development: CASA is already well-established as a trusted community partner and messenger to immigrant and low-income communities and will utilize this position to foster the campaign and provide education that will reach communities that are traditionally difficult to access for government and other sources due to systemic barriers of language, immigration status, culture, and historical mistrust. Moreover, CASA believes that the immigrant and working-class community is the heart of the climate justice movement and must not only be involved in processes of change but take a leading role.

Element 2 will be further addressed through the community engagement and outreach phase of the campaign, to consist of disseminating information, surveys, and mobilizing community members and stakeholders. With partners, the project will gather data about issues of pedestrian safety, public transportation and transit options, and other related climate justice concerns.

3. Consensus Building and Dispute Resolution: Prior to the project start, partner organizations were established based on a related set of values, ideas, and goals to address concerns. Each partner brings a different expertise and perspective to the work, but shares a common thread of belief in empowering community members to achieve positive environmental justice and public health related outcomes. Consensus building structures are integrated into the project and campaign by way of the establishment of Stakeholder Advisory Committees that will meet regularly to represent various stakeholders and shape the campaign accordingly.

4. Multi-Stakeholder Partnerships and Leveraging of Resources: CASA achieves collective impact through partnerships with employers, unions, community colleges, national networks, and other stakeholders. We leverage partnerships that complement our strengths with other constituencies, subject matter areas, or areas of expertise. This project is no exception.

Collaboration is essential to the success of this project and victories for impacted communities cannot be achieved without multi-stakeholder partnerships, each bringing different sets of resources and networks. CASA will bring together stakeholders, both in formal partnership and informal campaign involvement, across public and private sectors including government, business, community nonprofit organizations, and grassroots citizens' organizations.

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5. Constructive Engagement with Other Stakeholders: Each partner will be an asset in raising community awareness of issues and mobilizing support within their respective constituencies. Government agencies and elected officials will play several roles in the project. Project partner Occoquan District Supervisor Kenny Boddye will provide policy support and alignment with existing government programs and plans as well as guidance on navigating related government agencies. His support will open doors to community leaders and other stakeholders, and help bring attention to the problems identified in the campaign. Government of various levels will also be engaged to implement solutions proposed to issues identified in the campaign. Tangible wins such as construction of bike lanes, better lighting on public thoroughfares, pedestrian medians and crosswalks, and more cannot be achieved without buy-in and action from government. The diversity of stakeholders involved in the campaign will demonstrate the imperative of action on behalf of government to improve conditions for immigrant and working-class communities.

6. Sound Management and Implementation: To the benefit of this project, CASA has prior experience with management and implementation of the campaign from the smaller scale, pilot version of the 'Safe Streets' program. Thus, this expanded project is being designed and built with lessons learned from the first campaign in mind. CASA has extensive experience with community outreach and builds new projects utilizing the successful framework of others.

7. Evaluation: The project includes outcomes, outputs, a milestone schedule, and performance measurement plan to help evaluate its progress and success. One year after project completion, CASA will distribute post-surveys to community members who have engaged with the project to follow up and see if improvements have been made.

E. Project Linkages

CASA's membership as well as the communities where CASA works are definitionally low-income and almost exclusively immigrant, Black and/or Latino identifying. This project directly engages community members living in environmental justice communities in shaping the future of the places where they live. Over our more than 36-year history engaging this community, CASA has consistently and effectively helped to elevate the concerns of these communities and put these community members directly into dialogue with policymakers and public officials, and this project is no different. People living in frontline and fenceline communities know first hand the effects of pollution and unsafe pedestrian corridors, and understand deeply the costs of inaction in ways that are often invisible to those charged with planning and executing right of way improvements. The challenges of low-income people to participate fully in civic engagement and public processes are well-documented, and for decades, CASA has worked to remove those barriers and facilitate robust community participation in local planning processes. Our pilot project in Fairfax County, which preceded this proposal, demonstrated that CASA has credibility and capacity to do broad community engagement with communities that local governments often have the most trouble engaging through ordinary public comment processes.

F. Partner and Collaborate

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CASA believes that community members are the best reporters, spokespeople, and sources for information about the challenges they face in their communities, and our efforts are all pointed towards ensuring that those community members have an equal voice to shape the communities where they live. That said, we acknowledge that projects, such as this one, require broad community engagement but also technical expertise, existing relationships with government agencies and officials (among other public and private sector stakeholders), and public transportation planning process expertise. The coalition CASA has assembled to help execute this project includes the public and private sector, reflects deep expertise in public transportation planning and processes, and key connections to government agencies in multiple units of government to ensure that plans and comment generated by this process can and do find their ways to decision-makers who can authorize needed changes.

CASA's partners in this work include:

Coalition for Smarter Growth – Nonprofit Community Organization: Coalition for Smarter Growth (CSG) will partner on the project in a financial capacity and receive a subaward of $80,000 ($40,000 over two years) and will use this funding to participate in the project via the following resources: planning, technical advice, capacity building support, outreach assistance, and area expertise. Planning activities include identifying and communicating with key decision makers (such as legislators, government entities, etc.) and help with identification of geographic areas of focus and issue areas of focus for the campaign. Outreach activities include participation in pop-up events, data collection, and dissemination of information about the campaign to their networks and constituencies. CSG will provide crucial technical advice on transportation policy, design, and funding as well as educational briefings to constituents on safe street design.

As the original partner organization for the small-scale pilot version of the 'Safe Streets' project, CSG will play a pivotal role in making the project a success. CSG's focus is "advocating for walkable, bikeable, inclusive, and transit-oriented communities as the most sustainable and equitable way for the Washington, DC region to grow and provide opportunities for all," which is aligned with the vision and long-term outcomes of the project. The previous partnership-work surrounding pedestrian safety and alternative public transportation options has already yielded promising results, such as the installation of new LED street lighting on a major thoroughfare. Further collaboration via this expanded, state-wide project will provide the opportunity to ramp up the scale and scope and achieve more positive outcomes for the environment and communities most heavily impacted by the effects of climate change. Each organization recognizes the disproportionate impact that unsafe transit systems have on immigrant and low-income communities.

The proposed financial transaction (subaward) complies with EPA's Subaward Policy and EPA Guidance on Participant Support Costs and will list estimated costs for subawards in a separate "Subaward" line item in the "Other" budget object class category of the SF 424A and budget detail narrative.

Chesapeake Climate Action Network – Nonprofit Environmental Organization: Chesapeake Climate Action Network (CCAN) will partner on the project in a financial capacity and receive a subaward of $80,000 ($40,000 over two years) and will use this funding to participate in the

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project via the following resources: planning, capacity-building support, outreach assistance, and area expertise. Planning activities include strategy development and implementation for the Richmond-specific geographic area of the campaign, help with identification of geographic areas of focus within Richmond for campaign implementation, and assistance with identification of areas of focus. Outreach activities include door-knocking, participation in pop-up events, assistance with data collection, and dissemination of information about the campaign to their networks and constituencies. CCAN will provide essential Richmond-area expertise as CASA does not have an office or large constituency in this location. Further, CCAN's involvement is critical to advance the campaign into state-wide legislation that produces long-term, sustainable change for the environment and impacted communities.

CCAN and CASA have a vested interest in the project and issues of environmental and health justice. CCAN previously partnered with CASA on the original, small-scale 'Safe Streets' campaign in Fairfax and assisted via the distribution of surveys and attendance of the campaign launch. Each organization is committed to grassroots mobilization for climate change and plans to collaborate around a shared vision of community engagement to achieve environmental justice outcomes.

The proposed financial transaction (subaward) complies with EPA's Subaward Policy and EPA Guidance on Participant Support Costs and will list estimated costs for subawards in a separate "Subaward" line item in the "Other" budget object class category of the SF 424A and budget detail narrative.

Occoquan District Supervisor Kenny Boddye – Local Government (Prince William Board of County Supervisors, Virginia): Occoquan District Supervisor Kenny Boddye will partner with the project in a non-financial capacity and will function as a key community partner, contributing the following resources: policy support, guidance on navigating local government agencies, and outreach assistance. Policy support activities include aid in aligning the vision of the project with Prince William County's Comprehensive Plan and aligning the vision of the project with the County's first Community Energy & Sustainability Master Plan (CESMP). Guidance on navigating local government agencies activities include assistance with entry to and interaction with key entities of government including the Prince William County Department of Transportation, Office of Sustainability, Health District, and Police Department. Outreach assistance activities include collaboration with community leaders, other organizations, as well as the broader community to provide education and promote street-level buy-in for the project.

The District Supervisor will play a key role in the coordination with and integration of local government. Local government is central to translating the campaign into real, substantive outcomes. The District Supervisor and CASA have aligned priorities surrounding the enhancement of transit options, reducing vehicle-related accidents, increasing ridership on local and regional transit, and the ultimate creation of safer streets from an equity perspective. It is the aim of both parties that this project will lay the groundwork to become a model to be more broadly implemented across the nation.

François & Sinclair, LLC – Business: François & Sinclair, LLC will partner with the project in a non-financial capacity and will play an important role, contributing the following resources:

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planning, capacity-building support, outreach assistance, and area expertise. Planning activities include strategy development and implementation for the Richmond-specific geographic area of the campaign, help with identification of geographic areas of focus within Richmond for campaign implementation, and assistance with identification of areas of focus. Outreach activities include door-knocking, participation in pop-up events, and dissemination of information about the campaign to their networks and constituencies. François & Sinclair, LLC will provide essential Richmond-area expertise as CASA does not have an office or large constituency in this location.

François & Sinclair, LLC and CASA have a vested interest in the project and issues of environmental and health justice. The co-founder, Lyons Sanchezconcha, holds voices in several other entities including Virginia Latino Advisory Board, The Virginia College Access Network, the Asian Latino Solidarity Alliance, The Virginia College Access Network, and Scholars Latino Initiative, and Richmond Public Schools and thus will help bring many other stakeholders and their constituencies into the project.

Active Prince William – Grassroots Citizen Organization: Active Prince William will partner with the project in a non-financial capacity and will function as a significant community partner, contributing the following resources: planning, capacity-building support, outreach assistance, and area expertise. Planning activities include strategy development and implementation for the Prince William County-specific geographic area of the campaign, help with identification of geographic areas of focus within Prince William County for campaign implementation, and assistance with identification of areas of focus. Outreach activities include door-knocking, participation in pop-up events, and dissemination of information about the campaign to their networks and constituencies.

The all-volunteer organization is clearly aligned to the long-term goals of the project, with its focus being dedicated to creating more livable, equitable, and healthy communities by advancing walking, bicycling, and public transportation within Prince William County. CASA and Active Prince William both seek to further transportation equity, public health, environmental sustainability, and community vibrancy.

2.0 PROJECT ACTIVITIES / MILESTONE SCHEDULE / DETAILED

A. Project Activities

CASA's project is an authentically grassroots, community-driven initiative that consists of four high level components, each composed of various activities.

(1) Planning stage. CASA will collaborate heavily with our project partners during this planning phase to begin identifying geographic and issues of focus. Partners will put together a Stakeholder Advisory Committee to develop and create the survey to be used in the following component. The survey will serve to gain an understanding from diverse community members on how to improve street safety as well as analyze the number of folks who have encountered danger as pedestrians and cyclists. The Committee will also plan a safety audit and petition, and gather information on relevant bicycle and pedestrian-related projects, bus rapid transit, and road

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design planning. Educational materials and flyers about the campaign will be produced in English and Spanish. The campaign will identify key entities and decision makers that are needed to achieve specific outcomes (example: entities and decision makers needed to achieve speed limit reductions). During this stage, key entities, decision makers, and organization-wide staff will be notified about the campaign. Further, CASA will launch a website and social media around the campaign and announce the campaign via press releases, media advisories, and other outlets.

(2) Public engagement, community outreach and education, and data collection. The project will initiate engaging the public, particularly immigrants and working-class communities of color, and conducting community outreach campaigns to gather information about issues related to transit safety, public transportation, etc. The first community forums will be held to introduce the survey and education about the campaign. Community outreach and education will take various forms including monthly community meetings, monthly stakeholder advisory group meetings, flyer and survey dissemination (virtual and hard copy), door-knocking, social media, text messages, and neighborhood pop-up events. Topics that we can provide education to our immigrant and low-income constituencies include energy burden (information on energy efficient appliances, weatherization, IRA benefits, how to understand your electric bill, protecting against scammers with fraudulent energy-related practices), indoor air pollution (information on the dangers of indoor air pollution and air and water quality), and climate-related damage to homes (information about insurance, accessing disaster relief, what to do in case of an emergency, etc.). A community walkability audit will be conducted and photos, videos, maps on safety and design issues will be collected to inform the project's direction. The public engagement and community outreach phase will ensure that all aspects of the public, but especially immigrant and low-income folks, are involved in the process and can provide feedback and work in partnership with local governments to develop safer streets.

(3) Analyzing feedback collected from community outreach efforts to develop a comprehensive proposal with a list of issues and solutions. The Stakeholder Advisory Committee will review and finalize the draft report and proposal. This feedback and proposal will serve as the voice of marginalized communities in the fight for climate and health justice and equity. Meetings with local officials will begin to take place, including a walking tour with project partners and decision makers to give officials firsthand insight as to how the issues manifest on the ground. This component involves a media campaign, 'call to action', and continued web, social media, and grassroots outreach.

(4) Delivering the proposal as feedback to local government agencies to advocate for changes that will result in sustainable, long-term pedestrian safety, alternative public transportation options, and safer streets. The Advisory Committee will develop community leaders and advocates to represent the community at key transportation and budget hearings and meetings with officials to drive proposals forward. In the face of lagging action by officials, the project will mobilize rallies, testify, generate media coverage, and push for action via social media. This component is the culmination of all previous work to make real change for communities involved and impacted.

B. Milestone Schedule

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Broadly, the project will aim to provide community outreach and education on climate-related issues, build a comprehensive group of all community stakeholders, engage those stakeholders in a meaningful and robust process of comment, discussion, and debate, analyze and synthesize the outputs of that effort into a set of community recommendations, and then work to bring those recommendations to decision makers with a clear eye towards implementation as soon as possible. Specifically, we will operate on the following two-year schedule:

Project Stage	**Time frame**	**Goals/Milestones by Completion of Period**
Planning	Launch to 3 Months	-Stakeholder Advisory Committee of community partners is established in each project geography -Stakeholder Advisory Committees have convened at least once and established a schedule for regular meetings -Community Engagement Survey designed, tested, approved/finalized for use in outreach -Public facing resources about the campaign prepared and published (e.g. website, flyers, etc.)
Public Engagement	Months 3-18	-Community walkability audit completed at each project site -At least 500 community surveys distributed -At least 6 public forums held -At least 5,000 flyers distributed to community members with information on climate-related issues -At least 12 "pop-up" events held at impacted sites to engage more residents -At least 8 Stakeholder Advisory Group meetings held
Analysis/ Synthesis	Months 18-21	-One comprehensive set of recommendations for improvements created for each project site, reviewed, and approved by Stakeholder Advisory Committee
Advocacy	Months 21-24 (and beyond)	-Plans/recommendations presented to local policy makers and decision makers -Stakeholder Advisory Groups agree to plan for ongoing engagement with policy makers -Post survey developed, tested, and approved/finalized for all project participants -Comprehensive report for each project location produced which articulates activities undertaken, stakeholders engaged, progress thus far, and plan for ongoing engagement

C. Itemized Budget Sheet / Budget Narrative – Located in "Mandatory Other Attachments".

Personnel ($219,566.26 of total project budget, $500,000) - CASA's project will be staffed by a combination of lead organizers, community organizers and community promoters in the 3 identified project areas.

- Lead organizers supervise organizers and promoters, represent CASA in coalitions, bring various committees together to work on campaigns/shared priorities. The 3 Lead organizers have each been included in the budget at 15% of total annual salary.

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- Organizers are responsible for staffing standing member committees in their geographic area (most often these are tenant committees), conducting 1:1s to follow up on leads generated by promoters, cultivate and maintain partnerships, conduct workshops and community meetings. The 5 organizers have each been included in the budget at 20% of total annual salary.
- Promoters are primarily responsible for conducting outreach to introduce potential members to CASA, generate new contacts for organizers to follow-up, support organizers as needed with the community meetings, etc. The 3 promoters have each been included in the budget at 30% of total annual salary.

Fringe ($47,975.01 of full project budget, $500,000) - CASA's fringe benefits are calculated at 21.85% of total salaries. This includes medical, dental, and life insurance which comprises 10.52% of the full rate, FICA at 7.65% of the full rate, Workers Comp at 1.78% of the full rate, Retirement at 1.26% of the full rate, and Unemployment for the remaining .64% of the full rate.

Travel (48,646 of full project budget, $500,000) - Travel costs for the project are minimal and include local mileage for the 8 organizing staff and 3 promoter staff listed in the personnel section of the budget to complete field work. This is calculated at 25 miles per person month at the federally approved mileage reimbursement rate of $0.655/miles for 48 months (the full project term).

Supplies ($7,500 of full project budget, $500,000) - CASA's supplies line of the budget includes Printing and Copying costs for outreach and education materials, pamphlets, flyers, etc. We have estimated these costs to be an average of $1.50 per copy and will budget up to 2500 copies per year for 2 program years. Additionally, CASA will utilize electronic notepads for the 3 Promoters and 5 Organizers/Outreach staff to perform field duties. These pads will cost $750 each and will be purchased only in the first program year. Finally, we have included costs for misc. supplies for staff on this project, including, pens, pencils, paper, sticky notes, etc.

Indirect Costs ($38,728.47 of full project budget, $500,000) - Indirect costs included in the budget are in accordance with CASA's federally negotiated indirect rate and are calculated at 13.3% of total direct costs.

Other ($170, 080.00 of full project budget $500,000) - The Other category in the budget includes subaward costs for two program partners detailed in the partners section of this proposal. A subaward to Chesapeake Climate Action Network to provide planning, capacity-building support, outreach assistance, and area expertise will be granted at $40,000 per year for a total of $80,000 granted over two years and a subaward to Coalition for Smarter Growth to provide planning, technical advice, capacity building support, outreach assistance, and area will be granted at $40,000 per year for a total of $80,000 granted over two years. Additionally, we have included costs for providing gas cards for community members who are completing outreach activities, community forums, pop-up events, and other items. These have been calculated at 14 per month for the full project term at $30 each for a total of $10,080.

3.0 ENVIRONMENTAL RESULTS – OUTPUTS, OUTCOMES, AND PERFORMANCE MEASURES (LOGIC MODEL)

A. Environmental Results (Logic Model) – Located in "Other Attachments".

B. Performance Measurement Plan

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The proposed project is for a two year period of performance. See details in the table below.

Project Stage	Timeframe	Performance Measurement
Planning	Launch to 3 Months	-Dated attendance sheets for each Stakeholders Advisory Meeting will be completed -Surveys and public facing resources will be published and publicly available and can be shared with EPA
Public Engagement	Months 3-18	-Completed surveys are tracked online via Formstack/Google Forms (or other reputable online survey service) -Public forums will have dated attendance records taken -Flyer distribution will be tracked weekly - total quantity of flyers created can be monitored against amount remaining, and in combination with weekly reports from CASA outreach specialists can be used to verify/reconcile numbers -Pop-up events will be documented via social media and surveys completed and flyers distributed metrics will show spikes around pop-up event dates
Analysis/Synthesis	Months 18-21	-Recommendations will be published in single accessible documents and available online and can be shared with EPA
Advocacy	Months 21-24 (and beyond)	-Meetings with policy makers/decision makers or in which policy makers/decision makers are present will be documented and reported -Post surveys can be shared with EPA and results for completed surveys can be tracked via Formstack/Google Forms (or other reputable online survey service) -Stakeholder Advisory Groups' ongoing engagement plans can be shared with EPA -Reports produced for public will be shared with EPA

C. Sustainability Plan and Community Vision

CASA has already started a small-scale canvassing campaign in the community on this project through the first pilot Safe Streets program, which began with a kick-off event in coalition with our partner organization, the Coalition for Smarter Growth. Through conducting surveys of community members living in the affected area, we have collected several useful individual community member testimonies, which can be used at press events on social media, and eventually in testimony before local government boards. As our community members themselves say, they have a vested interest in this program because it is they, along with their friends and loved ones, who use these unsafe streets every day. As one respondent, Viviana, put it: “Our community has suffered the ravages of the high speed and lack of visibility of the area and I am especially concerned that there are still cases of crashes that unfortunately have already claimed human losses. We no longer want that for the community, at least we need to reduce those types of incidents.”

The environmental movement is powerful only when it is inclusive of the frontline communities most immediately affected by climate change; the immigrant community knows first hand the real world impacts of our changing climate. The work of building a multi-racial, cross-class,

grassroots movement for climate justice requires the robust participation of working-class communities of color and immigrant communities at all levels. CASA's program is designed to be focused on both delivering results in the short term over the next two years as well as the long-term education and power building it will take to center working-class and immigrant voices in the climate justice movement in the future.

CASA has an extensive history of outreach experience with hard-to-reach communities with health education and other programs; this expertise will be utilized for this project and evidence of successful completion of projects such as these can be used as the model for projects in communities elsewhere.

4.0 PROGRAMMATIC CAPABILITY

A. Organizational Experience related to the proposed project

CASA has more than 200 staff and dozens of AmeriCorps members serving in Pennsylvania, Maryland and Virginia, and an annual budget of over $20M. With more than 20 years of experience managing government-funded grants and contracts – ranging from special appropriations designations to competitively bid awards – including funding from the federal, state, and local levels of government. CASA consistently receives positive contract monitoring reviews during its contract monitoring visits from government agencies. CASA undergoes an independent A-133 single audit annually since 2014 and has had no findings.

B. Staff Experience / Qualifications of Project Manager (PM)

CASA is a multicultural, people of color-led organization which employs individuals from dozens of countries – reflecting the diversity in the community we serve – and it is common for community leaders to join staff and advance through the organization. This ensures that staff are often able to relate personally to community members, and fosters a true sense of identity among our membership. This project will be led by Eduardo Zelaya, CASA's Virginia Organizing Director, and Lydia Walther-Rodriguez, CASA's Chief of Organizing and Leadership, who are both members of the immigrant community, bilingual in English and Spanish, and hold extensive relevant experience related to community outreach and education.

As CASA's Virginia Organizing Director, Eduardo has been successful in pioneering social justice campaigns for immigrant rights, community development, housing, education justice, labor, and workers rights. He immigrated to the United States from El Salvador in 2010 and became a US citizen in 2017. A resident of Arlington County, Eduardo planned and implemented popular mobilizations to the General Assembly, which led to tremendous victories like driver's licenses for all in 2019. Eduardo manages a team of Census promoters in Fairfax County, an area which for the 2020 Census reported unprecedented response rates. He forms and trains community member-led teams to be the champions of their own priorities and advocates of their own liberation in the Eastern Shore, Hampton Roads, Fairfax County and Winchester. He also leads CASA's temporary protected status (TPS) efforts at federal level.

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He first joined CASA as a promoter mobilizing Virginians to the national immigration reform march in 2013, the birth of CASA in Virginia. A year later he was promoted to community organizer, and as such he led and formed multiple groups of community members and structured them as committees that are the main foundation of the social organization in Virginia for CASA. He also led and supported drivers licenses for all, minimum wage increase, in-state tuition for undocumented students, and increasing the language learners funding policies in the Virginia General Assembly.

Eduardo served as the primary program lead for CASA's first pilot Safe Streets program and holds close relationships with all project partners along with other Virginia entities such as elected officials, community leaders, and other organizations. He is currently specializing in Leadership Principles and Management Essentials at Harvard Business School.

Lydia Walther-Rodriguez, CASA's Chief of Organizing and Leadership, is a proud Afro-Latina immigrant from Panama, who oversees CASA's organizing and leadership development efforts alongside a team of organizing and leadership directors, thirty-plus organizers, and fifteen-plus promoters, charged with building grassroots, collective people powered–member committees which drive progressive social and racial justice campaigns at the local, state, and national levels. Prior to her current role, Lydia served as CASA's Baltimore/Central Maryland Region Director, Community Organizer, and Lead Organizer. She has developed and overseen CASA's multiracial organizing efforts, advanced its Police accountability and Reform campaigns, and expanded its youth college access programs. Lydia holds a Political Science and International Relations degree from Morgan State University.

C. Expenditure of Awarded Grant Funds, and plan for compliance

CASA has a robust contract and financial management system that adheres to Generally Accepted Accounting Procedures, manages its general ledger on a modified accrual basis using Netsuite, and maintains separate accounting for each funding source and project. All expenses and income are coded according to program (class), funding source (customer/donor), and type of expense/income (chart of accounts). Program directors manage program expenses, and directors and managers must approve check requests before checks are processed. CASA uses ADP as its payroll training software, and all staff complete timesheets that allocate hours worked to appropriate funding sources.

CASA has more than 20 years of experience managing government-funded grants and contracts - from special appropriations designations to competitively bid awards - including funding from the federal, state, and local levels of government. Since 2014, CASA has undergone an independent A-133 single audit annually due to the level of federal funding it receives. CASA's finances are independently audited yearly by outside auditors chosen by CASA's Board of Directors, and the proposal to audit CASA is re-bid every three years. CASA's audits have always reported responsible financial management, and its financial statements are free from internal control deficiencies.

CASA has many years of experience successfully administering federal funds; this includes nine years of Occupational Safety and Health Administration (OSHA) funding through the

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Department of Labor (approximately $130,000 annually), a Department of Justice Byrne Criminal Justice Innovation award in 2017 ($850,000 over two years), a Department of Education Investing in Innovation (i3) grant ($3,000,000 over four years), and a Department of Education Promise Neighborhood planning grant ($500,000), and most recently a $740,000 grant from the Federal Communications Commission's Affordable Connectivity Outreach Grant Program. State and local funding over the past five years has included the State of Maryland, the Commonwealth of Virginia, the Commonwealth of Pennsylvania, Montgomery County, Prince George's County, Baltimore County, Baltimore City, Fairfax County, the City of Falls Church, and the City of York. We consistently receive positive contract monitoring reviews during our contract monitoring visits from government agencies.

5.0 PAST PERFORMANCE

Grant 1 (Non-Federal) - New Venture Fund via Climate and Clean Energy Equity Fund - $450,000 from 7/1/21-6/30/24; The grant is for general support for the organization, and requires yearly and final reporting to which CASA has adhered to. The proposal detailed CASA's work to cultivate a base of climate justice-focused, immigrant, Latino, and working-class people to fight for climate justice at the state and federal level, and leveraging that power to produce real change. This grant is still active and in progress and CASA has not reported final outputs or final technical reports.

Grant 2 (Federal) - AmeriCorps Program, PA Dept. of Labor and Industry PennSERVE - $388,455.00 from 8/20/22-8/19/23; Annual funding received since 2018 for CASA's AmeriCorps Program through which AmeriCorps members serve at CASA sites providing financial and workforce services including citizenship support and employment coaching. The grant requires regular monitoring, programmatic and fiscal oversight, and auditing.

Grant 3 (Non-Federal) - Equal Justice Works - $216,700 for FY23-FY24; Funding for CASA to serve as a host organization for 2 Fellows (1 Attorney Fellow and 1 Community Organizer Fellow) providing housing-focused legal services and community organizing activities. The grant requires regular programmatic and financial reporting.

Grant 4 (Non-Federal) - Community Catalyst - $302,500 for 2.5 years; Voices for Health Justice is currently in the renewal process. This grant funds community organizing around health equity in the state of Maryland and includes two subgrants to the Ministers Conference Empowerment Center and the Maryland Citizens Health Initiative Education Fund.

Grant 5 (Federal/Non-Federal) - Maryland Legal Services Corporation - $688,494 for FY23; $313,518 for FY22 - Annual funding received since 2010 for legal services for low-income Marylanders. The grant requires regular programmatic reporting and fiscal monitoring and auditing.

6.0 QUALITY ASSURANCE PROJECT PLAN (QAPP) INFORMATION

Not applicable.

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Department of the Treasury
Internal Revenue Service
Tax Exempt and Government Entities
PO Box 2508
Cincinnati, OH 45201

Date:
December 15, 2022
Employer ID number:
52-1372972
Form 990 required:
990, YES
Person to contact:
Name: B. HALL
ID number: 0704530

CASA INC
8151 15TH AVE
HYATTSVILLE, MD 20783

Dear Sir or Madam:

We're responding to your request dated September 22, 2022, about your tax-exempt status.

We issued you a determination letter in June 1985, recognizing you as tax-exempt under Internal Revenue Code (IRC) Section 501(c)(3).

We also show you're not a private foundation as defined under IRC Section 509(a) because you're described in IRC Sections 509(a)(1) and 170(b)(1)(A)(vi).

Donors can deduct contributions they make to you as provided in IRC Section 170. You're also qualified to receive tax-deductible bequests, legacies, devises, transfers, or gifts under IRC Sections 2055, 2106, and 2522.

In the heading, we indicated whether you must file an annual information return. If you're required to file a return, you must file one of the following by the 15th day of the 5th month after the end of your annual accounting period.

- Form 990, Return of Organization Exempt From Income Tax
- Form 990-EZ, Short Form Return of Organization Exempt From Income Tax
- Form 990-N, Electronic Notice (e-Postcard) for Tax-Exempt Organizations Not Required to File Form 990 or Form 990EZ
- Form 990-PF, Return of Private Foundation or Section 4947(a)(1) Trust Treated as Private Foundation

According to IRC Section 6033(j), if you don't file a required annual information return or notice for 3 consecutive years, we'll revoke your tax-exempt status on the due date of the 3rd required return or notice.

You can get IRS forms or publications you need from our website at www.irs.gov/forms-pubs or by calling Ex. 6 Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)

If you have questions, call Ex. 6 - Personal Privacy (PP) between 8 a.m. and 5 p.m., local time, Monday through Friday (Alaska and Hawaii follow Pacific time).

Thank you for your cooperation.

Sincerely,

Stephen A. Martin
Director, Exempt Organizations
Rulings and Agreements

What to do if you're a homeowners association

Homeowners associations that are not tax-exempt may receive certain tax benefits under the provisions of IRC Section 528 if they meet requirements specified on Form 1120-H, U.S. Income Tax Return for Homeowners Associations. If your organization meets these requirements, you may elect to take advantage of the tax benefits by annually filing Form 1120-H, due the 15th day of the 4th month after the end of your tax year. We don't require any application form or fee to take advantage of these tax benefits.

If you'd like to apply for exemption as a homeowners association, submit a completed Form 1024-A on www.pay.gov. Organizations intending to operate under IRC Section 501(c)(4) must also submit Form 8976 on the Form 8976 Electronic Notice Registration System at services.irs.gov/registration.

What to do if you're a political organization

If you're organized to raise and spend funds to influence the selection of individuals campaigning for political office, you may be an organization described in IRC Section 527. Any political organization that wants to be treated under the rules of IRC Section 527 must file Form 8871, Political Organization Notice of Section 527 Status, electronically within 24 hours of the date on which the organization was established, unless it meets an exception. Review Revenue Ruling 2003-49 for more details.

We don't send letters affirming coverage under IRC Section 527. However, we post Form 8871 on our website for public review. You can electronically file Form 8871, as well as search for and view previously submitted Form 8871 by going to www.irs.gov/polorgs and clicking on "Political Organization Filing and Disclosure."

For more information, go to www.irs.gov/polorgs.

Where to find additional information

- Visit www.irs.gov/eo for more information on how to apply for IRS recognition of tax-exempt status.
- Review Publication 557, Tax-Exempt Status for Your Organization, at www.irs.gov/pub557 to see the rules and procedures for organizations that seek recognition from federal income tax under IRC Sections 501(a) and 501 (c).
- You can find forms, instructions, and publications at www.irs.gov/forms-pubs or by calling Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP)
- If you're affiliated with a state, regional or national organization, you may want to contact them to determine if they hold a group exemption ruling in which you are included.

If you have questions, call Ex. 6 - Personal Privacy (PP) between 8 a.m. and 5 p.m., local time, Monday through Friday (Alaska and Hawaii follow Pacific time).

Sincerely,

Stephen A. Martin
Director, Exempt Organizations
Rulings and Agreements

Note that in late 2021 we changed our legal name from “CASA de Maryland, Inc.” to “CASA, Inc.” Please see attached screenshot of our registration/status with the Maryland Dept. of Assessments and Taxation as well as Articles of Amendment reflecting our name change.

IRS Department of the Treasury
Internal Revenue Service
P.O. Box 2508
Cincinnati OH 45201

In reply refer to: 0752886430
Dec. 02, 2019 LTR 4168C 0
52-1372972 000000 00
00020906
BODC: TE

CASA DE MARYLAND
8151 15TH AVE
HYATTSVILLE MD 20783-3501

003904

Employer ID number: 52-1372972
Form 990 required: Yes

Dear Taxpayer:

We're responding to your request dated Nov. 20, 2019, about your tax-exempt status.

We issued you a determination letter in June 1985, recognizing you as tax-exempt under Internal Revenue Code (IRC) Section 501(c)(3).

We also show you're not a private foundation as defined under IRC Section 509(a) because you're described in IRC Sections 509(a)(1) and 170(b)(1)(A)(vi).

Donors can deduct contributions they make to you as provided in IRC Section 170. You're also qualified to receive tax deductible bequests, legacies, devises, transfers, or gifts under IRC Sections 2055, 2106, and 2522.

In the heading of this letter, we indicated whether you must file an annual information return. If you're required to file a return, you must file one of the following by the 15th day of the 5th month after the end of your annual accounting period:

- Form 990, Return of Organization Exempt From Income Tax
- Form 990EZ, Short Form Return of Organization Exempt From Income Tax
- Form 990-N, Electronic Notice (e-Postcard) for Tax-Exempt Organizations Not Required to File Form 990 or Form 990-EZ
- Form 990-PF, Return of Private Foundation or Section 4947(a)(1) Trust Treated as Private Foundation

According to IRC Section 6033(j), if you don't file a required annual information return or notice for 3 consecutive years, we'll revoke your tax-exempt status on the due date of the 3rd required return or notice.

You can get IRS forms or publications you need from our website at www.irs.gov/forms-pubs or by calling Ex. 6 - Personal Privacy (PP)

If you have questions, call Ex. 6 - Personal Privacy (PP) between 8 a.m. and 5 p.m.,

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Dec. 02, 2019 LTR 4168C 0
52-1372972 000000 00
00020907

CASA DE MARYLAND
8151 15TH AVE
HYATTSVILLE MD 20783-3501

local time, Monday through Friday (Alaska and Hawaii follow Pacific time).

Thank you for your cooperation.

Sincerely yours,

Teri M. Johnson
Operations Manager, AM Ops. 3

CASA, INC.: D01878792

Department ID Number:

D01878792

Business Name:

CASA, INC.

Principal Office:

8151 15TH AVE.

HYATTSVILLE MD 20783

Resident Agent:

THE CORPORATION TRUST INCORPORATED

Redacted

LUTHERVILLE TIMONIUM MD 21093

Status:

INCORPORATED

Good Standing:

THIS BUSINESS IS IN GOOD STANDING

Business Type:

CORPORATION

Business Code:

04 ORDINARY BUSINESS - NON-STOCK

Date of Formation/ Registration:

02/28/1985

State of Formation:

MD

Stock Status:

NONSTOCK

Close Status:

NO

CASA de Maryland, Inc.
A Maryland Non-Stock Corporation
ARTICLES OF AMENDMENT

THIS IS TO CERTIFY THAT:

FIRST: The Articles of Incorporation of CASA de Maryland, Inc., a Maryland non-stock corporation which was formerly known as CASA of Maryland, Inc. shall be amended in order to change the name of the Corporation to:

CASA, Inc.

SECOND: The amendment to the Articles of Incorporation of the Corporation as set forth above has been duly approved by the Board of Directors of the Corporation, as required by law. The Corporation has no other voting members.

THIRD: The undersigned officer acknowledges these Articles of Amendment to be the corporate act of the Corporation and as to all matters or facts required to be verified under oath, the undersigned officer acknowledges that to the best of his knowledge, information and belief, these matters and facts are true in all material respects and that this statement is made under penalties of perjury.

IN WITNESS WHEREOF these ARTICLES OF AMENDMENT are executed at Hyattsville, Maryland on Saturday, October 16, 2021.

By: _____
Gustavo Torres, Executive Director
(Signature MUST be attested)

ATTESTATION OF SIGNATURE PURSUANT TO 28 U.S.C. § 1746

The undersigned witnessed the signature of Gustavo Torres to the above Articles of Amendment on behalf of CASA, Inc. (formerly CASA de Maryland, Inc.) and makes the following statements:

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.

2. Gustavo Torres is personally known to me and appeared before me on October 16, 2021 to execute the above Articles of Amendment on behalf of CASA, Inc.

3. Gustavo Torres subscribed to the above Articles of Amendment on behalf of CASA, Inc.

4. I declare under penalty of perjury under the laws of the United States of America that the statements made in the three (3) numbered paragraphs immediately above are true and correct.

EXECUTED Saturday, October 16, 2021

_____
Print Name: Melissa Guzman

U.S. Department of Justice

Office of Justice Programs

Office of the Chief Financial Officer

Washington, D.C. 20531

March 15, 2023

Ms. Melissa Guzman
CASA de Maryland, Inc.
8151 15th Avenue
Hyattsville, MD 20783

Dear Ms. Guzman:

Enclosed is your electronic fully executed Negotiated Agreement approving a final rate of 13.30% for fiscal year ended June 30, 2021 and a provisional rate of 13.30% through fiscal year ending June 30, 2023.

If you have any questions, please contact me on Ex. 6 DOJ CRT or e-mail to me at Ex. 6 DOJ CRT

Sincerely,

Monica Johnson

Monica Johnson, Staff Accountant
Grant Financial Management Division
Office of the Chief Financial Officer

Enclosure

NEGOTIATED AGREEMENT
Non-Profit Organization

Institution: CASA de Maryland, Inc.
8151 15th Avenue
Hyattsville, MD 20783

Date: 2/24/2023

Filing Ref: This document replaces the negotiated agreement dated January 5, 2022.

Subject: The indirect cost rate(s) contained herein is for use on grants and contracts with the Federal Government subject to the conditions contained in Section II of this Agreement issued by OMB Cost Principles under 2 CFR 200.

SECTION I: RATES

Indirect costs

	Effective Period				
Type	**From**	**To**	**Rate**	**Locations**	**Applicable To**
Final	07/01/17	06/30/18	22.00%	All	All Programs
Final	07/01/18	06/30/19	25.66%	All	All Programs
Final	07/01/19	06/30/20	20.32%	All	All Programs
Final	07/01/20	06/30/21	13.30%	All	All Programs
Provisional	07/01/21	06/30/23	13.30%	All	All Programs

***Modified total Direct cost Base:** Total direct cost excluding capitalized equipment, pass-through funds and the portion of each sub-award and each contract in excess of $25,000 regardless of the period of performance of the subawards or contracts.

***Treatment of Fringe Benefits:** Fringe benefits applicable to direct salaries and wages are treated as direct costs.

SECTION II: GENERAL

A. Limitations: Use of the rate(s) contained in this agreement is subject to any statutory or administrative limitations and is applicable to a given grant or contract only to the extent that funds are available. Acceptance of the rate(s) agreed to herein is predicated on the conditions: (1) that no costs other than those incurred by the grantee/contractor were included in its indirect cost pool as finally accepted and that such costs are legal obligations of the grantee/contractor and allowable under the governing cost principles; (2) that the same costs that have been treated as indirect costs are not claimed as direct costs; (3) that similar types of costs have been accorded consistent accounting treatment; and (4) that the information provided by the grantee/contractor which was used as a basis for acceptance of the rate(s) agreed to herein is not subsequently found to be materially incomplete or inaccurate.

B. Accounting Changes: The rate(s) contained in this agreement are based on the accounting system in effect at the time the proposal was prepared and the agreement was negotiated. Changes to the method of accounting for costs which affect the amount of reimbursement resulting from the use of this rate(s) require the prior approval of the office responsible for negotiating the rate(s) on behalf of the Government. Such changes include but are not limited to changes in the charging of a particular type of costs from indirect to direct. Failure to obtain such approval may result in subsequent cost disallowance.

C. Reimbursement: Indirect cost reimbursement on all awards will be determined based upon indirect cost rates established for the fiscal period in which the applicable direct expenditures are incurred.

D. Notification to Federal Agencies: Copies of this document may be provided to other Federal offices as a means of notifying them of the agreement contained herein.

E. Special Remarks: Federal programs currently reimbursing indirect costs to this Department / Agency by means other than the rate(s) cited in this agreement should be credited for such costs and the applicable rate cited herein applies to the appropriate base to identify the proper amount of indirect costs allocated to the program.

U. S. Department of Justice
Office of Justice Programs

Signature: Monica Johnson, Staff Accountant
Grants Financial Management
Division

Date

CASA de Maryland, Inc.



Signature

Melissa Guzman, COO

Name and Title (print or type)

3/15/2023

Date

Negotiated by: Monica Johnson

Ex. 6 DOJ CRT

Ex. 6 Personal Privacy (PP) EJCPS- Project Manager

Email: Ex. 6 Personal Privacy (PP) **@mycaf.org**

Ex. 6 Personal Privacy (PP) Lawrence, MA 01843, Phone: Ex. 6 Personal Privacy (PP)

WORK EXPERIENCE

Chief of Operation & Co-founder — 2006-Present

Centro de Apoyo Familiar (CAF) — Lawrence, MA

- Provide leadership in the development of the organization's statements of: vision, mission, and goals, and the corresponding strategies, plans, and budgets to achieve them;
- Oversees all program operations functions
- Develop a functional workplan, performance measurements, management controls, and critical success factors;
- Review approved plans and budgets as part of the annual planning and budgeting cycle and present recommendations to the board of directors;
- Develop and provide appropriate policy recommendations for consideration by the board and the team;
- Propose agendas for the board of directors reflecting issues, opportunities, and priorities;
- Present a written trimetric report to all board meetings;
- Develop and maintain an effective staff organization which provides appropriate policy and program recommendations which delivers services, programs and information beneficial to the members;
- Hire, reward, discipline, terminate, and set the remuneration of, all employees in accordance with policy and/or approved budgets;
- Develop a survey instrument to identify, document, and articulate the needs of the community members;
- Promote collaboration with and among other non-profit organizations locally and nationally to address the needs of the community and the mission and goals of the organization;
- Act as the spokesperson for the organization for community events;

Director of the Latino Faith-Based Capacity Building and Leadership program the Connectors and Healthy Families Initiative.

Director of Healthy Families Programs.

- Responsible for raising funds to support CAF community development component, training Promotoras and youth leaders in Asthma and lead prevention, healthy Eating and other health related issues and provide overall supervision of programs and department.

Capacity Building Program

- Oversees CAF's Capacity Building Program a network of close to 200 faith-based institutions that work together with CAF to connect families with community resources and opportunities.

Clinical Mental Health Counselor — 2006-2007

Lawrence, MA

- Clinical Mental health counselor for children, adolescents with emotional disturbance and their families.

Community Social Worker — 2000 – 2007

Family Service Inc. (FSI) Lawrence, MA

Responsible for coordinating and managing adolescent mentoring program.

Assist in the coordination and facilitation of Environmental health program *Casa de Salud* and facilitation of workshops

- Supervise and provide intense case management for the teen pregnancy program.
- Responsible for leading and facilitating parenting programs.
- Develop and facilitate psychosocial and educational programming for seniors.
- Lead and assist in the development and implementation of children groups, teen pregnancy prevention groups, and teen mothers' groups.
- Responsible for designing, evaluating, and facilitating the grandparents group.

TAG Club Coordinator — 1998 – 2000

University Of Massachusetts at Boston
Boston, MA
English High School

- Develop, and coordinate a mentoring program that motivates high school students to graduate and go to college.

- Provide tutoring and academic assistant to students.
- Assist teachers and teach class when needed.

EDUCATION

Postgraduate diplomat in Family Therapy and Additions ***Lawrence, MA Spring 2018***
Southern New Hampshire University ***Manchester, NH Fall 2006***
M.S. in community Mental health
Specialization in Children/Adolescents with severe disturbance and their Families
Southern New Hampshire University ***Manchester, NH Fall 2005***
Certificate in community Mental health
University of MA, Boston, ***Dorchester, MA Spring 2000***
B.S. in Psychology, Minor in Sociology

INTERSHIPS/RESEARCH/SKILLS

Internships/Research:

Family Continuity Program ***Lawrence, MA 20005-2006***

1. *Provide Clinical counseling in mental health for children and adolescents under supervision of LC MH supervisor.*
2. *Participate in case reviews*
3. *Maintain proper documentation for all clients .*
4. *Develop treatment plans and progress report.*
5. *Develop an anger management group for teenagers.*

Family Service inc, ***Lawrence, MA 2004-2005***

1. *Provide Clinical counseling in mental health for a diverse population under supervision of LCMH supervisor.*
2. *Participate in case reviews*
3. *Maintain proper documentation for all clients*
4. *Develop treatment plan and follow up.*

University of MA, Boston, ***Dorchester, MA 1999-2000***
The Mauricio Gaston Institute, Latino Leadership Opportunity Program (LLOP), (1999)
The Urban Studies Department , UMASS Boston, (1999-2000)

- Participated in all phases of the research process, including research design, data collection, and data analysis, for projects dealing with the Census 2000 and Latino involvement, and the Drop-out rate of Latinos at UMASS Boston.

Computer Skills: Windows: Microsoft Word, PowerPoint, Excel, Project, Publisher and Access.

Other Skills: Excellent skills both verbal and written in Spanish. Great management, supervisory, and organizational skills.

Trainings:

Clinical Essentials (Heritage Park, 2000).
Nurturing Families and Communities (Jamaica Plain, 2001).
Confidentiality (FSI, 2005).
Anger Management, (Family Services, INC, 2001).
Substance Abuse (FSI, 2001).
Domestic Violence (FSI, 2003)
Holidays and Grief (FSI, 2001)
Cultural Diversity (FSI, 2005)
The Clinician's Response to Suicidal clients (FSI 2001)
Play Therapy (MA, 2005)
Juvenile Diversion (FSI, 2001)
Teen dating violence (FSI, 2001)
Family Strengthening Program (San Diego, CA, 2001)
Mass Rehabilitation (FSI, 2001)
Asthma & Lead Prevention (JSI, 2009)
Healthy Eating, Healthy living (UMB, 2012)

Ex. 6 Personal Privacy (PP) Email: [redacted]@mycaf.org

Ex. 6 Personal Privacy (PP) MD 20782, Phone: Ex. 6 - Personal Privacy (PP) (home),

WORK EXPERIENCE

President and Founder **10/06 – Current**

Centro de Apoyo Familiar (CAF) Riverdale, MD

- Implement the organization's mission, and provide strategic direction in support of the organization's goals.
- Build and maintain strong relationships and communications with the Board of Directors.
- Serve as an advocate and spokesperson for the organization and the nonprofit community within the state as well as nationally.
- Manage CAF's operations and ensure procedures are follow.
- Optimize revenue and fundraising opportunities, seeking out new and non-traditional sources of income in coordination with the executive director and other key staff of the organization
- Create and foster the growth of collaboration to address emerging opportunities and challenges locally and nationally.

Asset Development- Program Manager **3/04 – 3-09**

National Council of La Raza (NCLR) Washington, DC.

- Develop and manage NCLR's Mas a Ti Project – the first community financial institution in the country which includes: (IDAs, Tax Prep, Housing counseling program, and financial services).
- Build and maintain relationships with organizations in the NCLR Housing Network (NHN) and other partners at the national, federal, state, and local level.
- Provide technical assistance to the Housing Network and EMCs in the areas of technology and lending partnership.
- Monitor progress of community groups participating in the NHN and EMC programs, which also entails conducting site-visit, convening meetings and providing trainings and other activities (i.e. administrative, public relations, resource development) as needed.
- Assist senior staff with decision making in areas of Asset and Community Development.
- Responsible for raising funds to support NCLR's community development component.
- Organize Asset and housing related Workshops for NCLR's Annual Conference.

Family Assets Building Program Director **7/2001 – 6/2003**

Lawrence CommunityWorks, Inc. (LCW) Lawrence, MA

- Responsible for the management, and development of seven after school programs for youth.
- Develop financial literacy curriculum and manage the Individual Development Accounts Program (IDA).
- Supervise a staff of 13, involving training, work flow, quality control, conflict resolution, and review processes.
- Develop long-term plans, strategies, and projections for the Young Professional initiative.
- Assist grant writer with grant proposals development including: site visits, reports, program budget, etc.
- Organize major events such as trainings, conferences, workshops and business expos.
- Responsible for designing, evaluating, and implementing a system of support and network for the organization.

AmeriCorps IDA VISTA Volunteer-Program Manager **6/2000 – 7/2001**

Allston Brighton Community Development Corporation Allston, MA,
The Corporation for Enterprise Development (CFED) Washington, DC

- Make presentations to community groups and residents, local organizations, and members of board of directors.
- Develop community partners with local business, civic agencies to support and promote the IDA program.
- Assist with the recruitment of participants into the program and monthly financial literacy workshops; identify topics, speakers, and facilitate monthly support meetings.

EDUCATION

University of Phoenix, ***Rockville, MD*** ***Spring* 2005**
- *M.S. in Business Administration*

Southern New Hampshire University ***Manchester, NH*** **Spring 2004**
- *M.S. in Community Economic Development (MSCED)*

University of MA, Boston **Dorchester, MA** **Spring 2001**
- *Graduate Certificate in Women In Politics and Public Policy*

University of MA, Boston, ***Dorchester, MA*** **Spring 2000**
- *B.S. in Psychology, Minor in Sociology*

Newbury College ***Brookline, MA*** **Spring 1996**

- *Associate in Liberal Arts*

Northern Essex Community College ***Haverhill, MA*** ***Spring1993*–Spring 1995**

- *English as a Second Language(ESL)*

Hogar Masonico **Santo Domingo, RD** **May 1992**

- *High School* Diploma

SKILLS/AWARDS

Internships/Research:

- The Mauricio Gaston Institute, Latino Leadership Opportunity Program (LLOP), (1999)
- The Urban Studies Department , UMASS Boston, (1999-2000)

Participated in all phases of the research process, including research design, data collection, and data analysis, for projects dealing with the Census 2000 and Latino involvement, and the Drop-out rate of Latinos at UMASS Boston.

Computer Skills: Windows: Microsoft Word, PowerPoint, Excel, Project, Publisher and Access. File Maker, SPSS, MIS-IDA Adobe Photoshop, CounselorMax, Home Counseling Online, AFIA2.

Other Skills: Excellent skills both verbal and written in Spanish. Great management, supervisory, and organizational skills.

Attachments for CASA's Virginia Safe Streets Project Expansion Application Work Plan

ATTACHMENT A – High risk corridors in Bailey's Crossroads, Fairfax County, VA

ATTACHMENT B – Report and Walkability Survey from pilot Safe Streets Campaign in Fairfax County

ATTACHMENT C – Pollution Map of Fairfax County, Prince William County, and the city of Richmond

ATTACHMENT D – Grassroots campaign information

ATTACHMENT E – Catalina's Safe Streets Story

ATTACHMENT F – Safe Streets Testimony from CASA Member Jose Castillo

ATTACHMENT G – Safe Streets Testimony from CASA Member Viviana Valverde

ATTACHMENT A

High risk corridors in Bailey's Crossroads, Fairfax County, VA

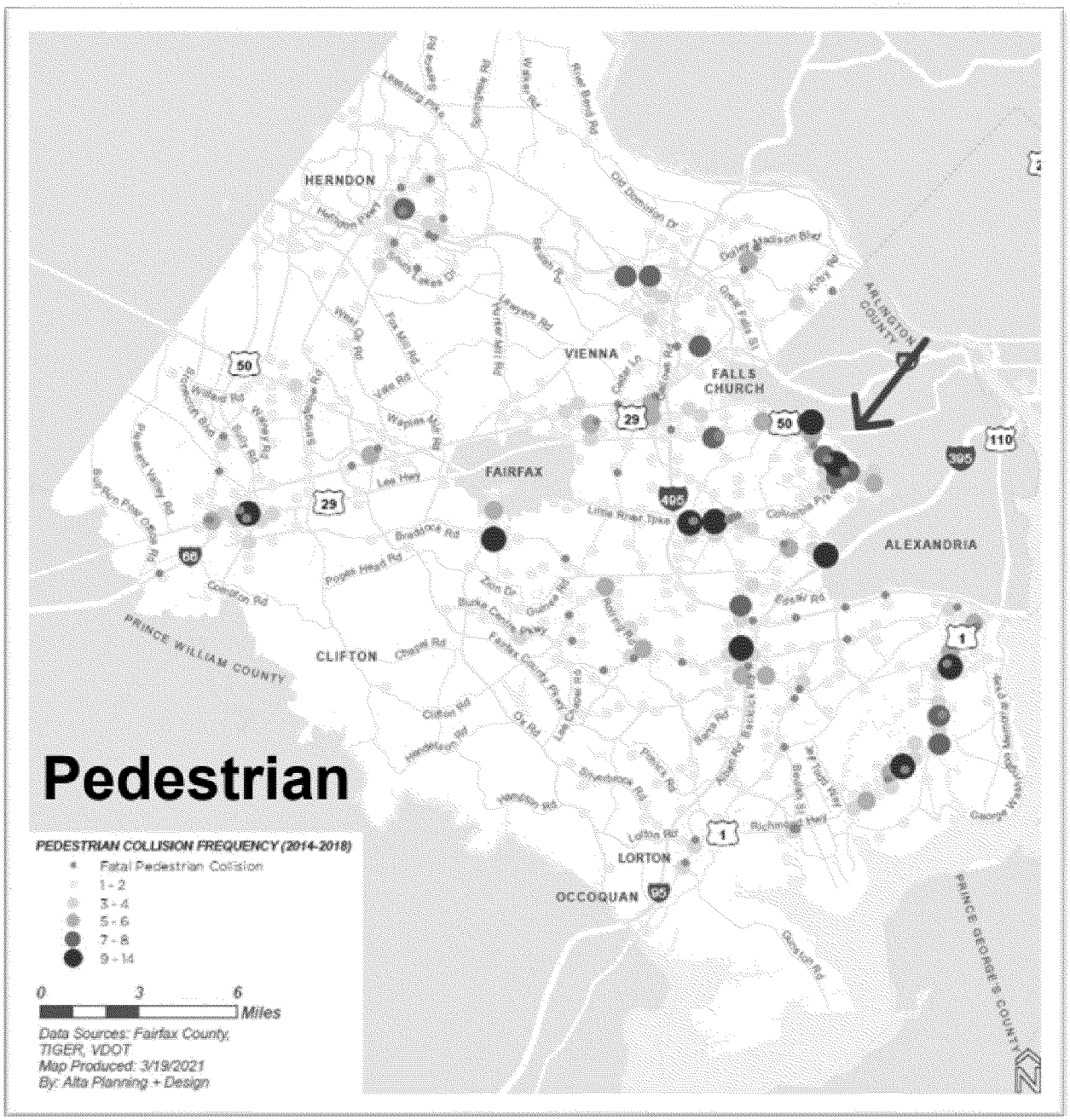


Image of Pedestrian Collision Frequency Map from Fairfax County's Safe Streets for all program presentation (June 2021) with the red arrow indicating Leesburg Pike in Bailey's Crossroads

ATTACHMENT B

Report and Walkability Survey from pilot Safe Streets Campaign in Fairfax County

REPORT

The Danger Immigrants Face Crossing the Streets of Culmore

Bailey's Crossroads Community Walkability Survey and Audit Results

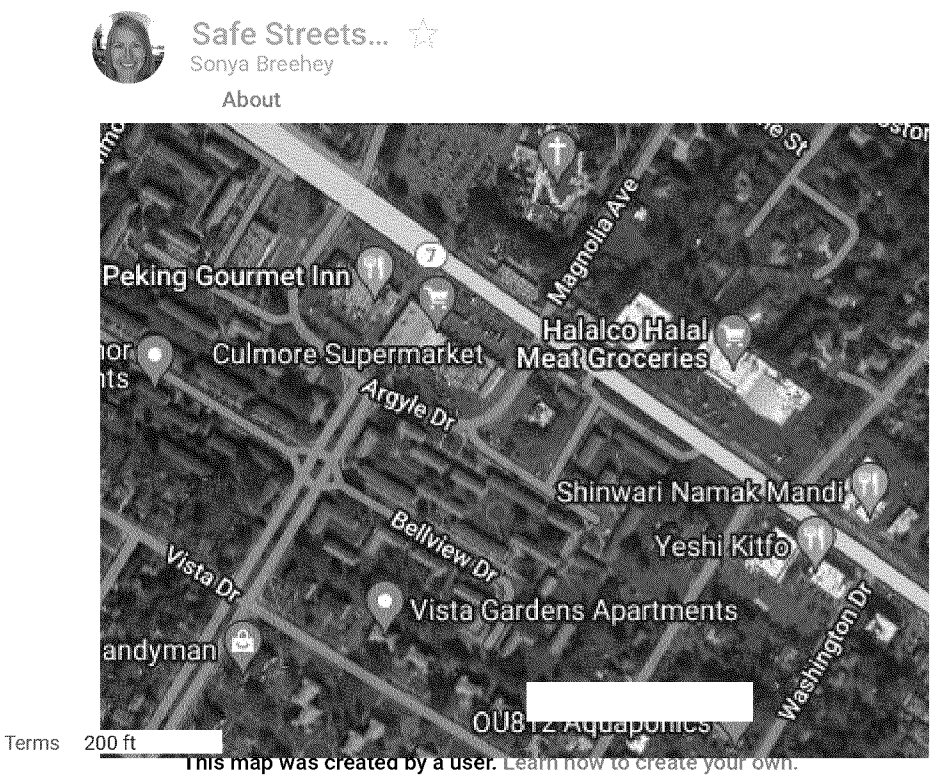
Virginia

Coalition for Smarter Growth
DC • MD • VA

walking, biking and the bus to get to work and daily activities. This Virginia community has a high density of housing within a walkable distance to grocery stores, restaurants, schools, religious institutions, and other services. Yet, the main arterial road, Route 7 (Leesburg Pike) is unsafe because of missing sidewalks, few safe crossing options, bus stops without crosswalks, and heavy high-speed traffic.

The Coalition for Smarter Growth (CSG) the region's leading smart growth organization and immigrant advocacy powerhouse CASA have partnered on a Safe Streets for Bailey's Crossroads campaign to engage and organize local residents in the Culmore neighborhood of Fairfax County to make the community's streets safer and improve access to walking, biking and transit. The campaign is guided by a stakeholder advisory committee of local community residents and volunteers, and the Fairfax Alliance for Better Bicycling (FABB) and Fairfax Families for Safe Streets (FfxFSS), in addition to CSG and CASA.

CSG and CASA, in coordination with the campaign's Stakeholder Advisory Committee, developed a walkability survey to hear directly from residents their concerns about walking, biking, and accessing the bus and what they feel would make it better. We received 202 responses, which have been compiled and analyzed in this report. A walking audit was done to augment the survey and to assess and document firsthand the experience of walking along and crossing Route 7 in the Culmore neighborhood. Key observations, problem locations and supporting images from the walk audit can be viewed on the interactive google map.



Overwhelmingly, people in Culmore indicated they do not feel safe walking, biking or getting to transit. They cite crime, dangerous driving, poor lighting, lack of bike infrastructure, not enough time to cross the street, and the lack of connected sidewalks and safe crossing options.

Based on the results we have identified a series of near-term (within one year) and medium-term fixes (two to three years) that are critical for making the area safer, along with a fuller list of improvements that are needed.

Reducing the speed limit on Route 7, providing more safe crossing options, adding high visibility crosswalks and pavement markings, and installing brighter pedestrian scale lighting are all interim steps that can be taken ahead of the Envision Route 7 Bus Rapid Transit (BRT) project expected within the next decade. The larger BRT project will provide the opportunity for a holistic redesign of Route 7 into a walkable, bike-friendly, transit-oriented corridor.

High-Risk Corridors

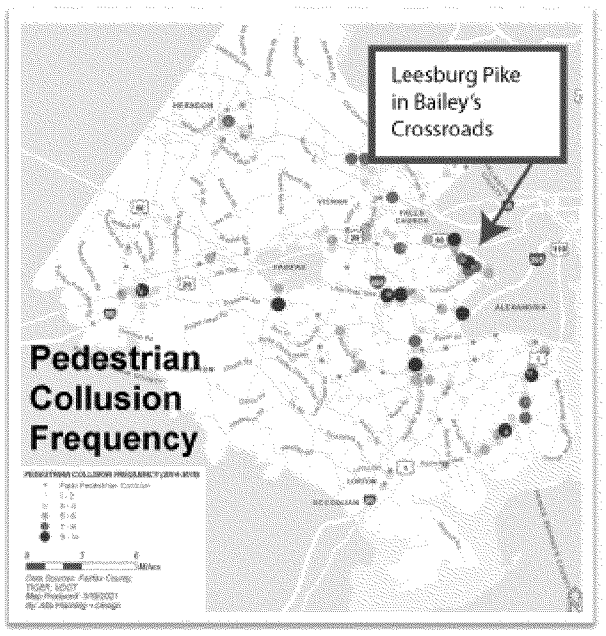


Image of Pedestrian Collision Frequency Map from Fairfax County's Safe Streets for All Program presentation (June 2021)

In developing the county's Safe Streets for All program, FCDOT found that four out of the top 10 high risk corridors in the county for pedestrians are in Bailey's Crossroads. Three segments are along Route 7 and one along Columbia Pike. Their presentation to the Board of Supervisors also notes that most pedestrian fatalities have been on roadways with posted speeds at 40 to 45mph such as Route 7.

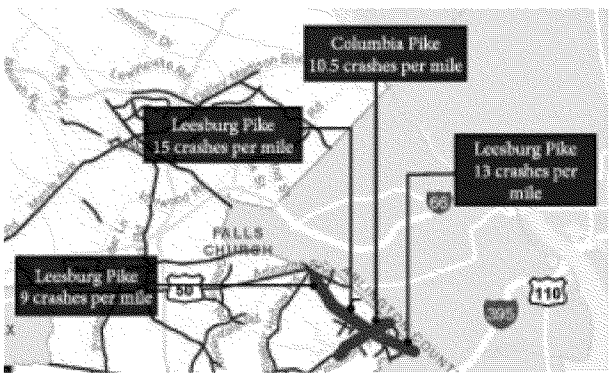


Image of High Risk Corridors from Fairfax County's Safe Streets for All Program presentation (June 2021) Bold red line = Top 10 High Crash Rate Corridors / Thin red line = High Risk Corridors

Meanwhile, in its Pedestrian Safety Action Plan, VDOT identified Route 7 and the Columbia Pike in Bailey's Crossroads to be within the top 1% of statewide pedestrian priority corridors based on crash data from 2016-2020. The Route 7 corridor through the Culmore community is also listed as a top 1% pedestrian priority corridor within the Northern Virginia district of VDOT.

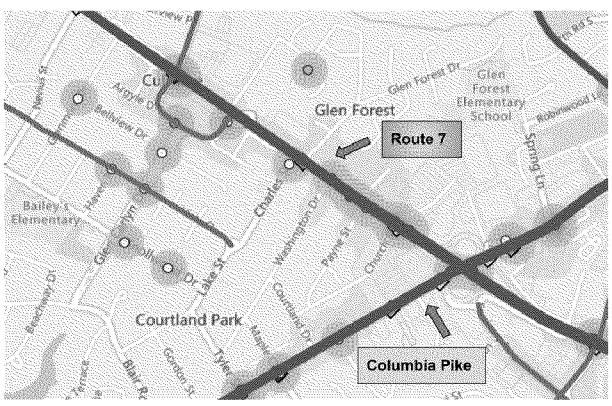


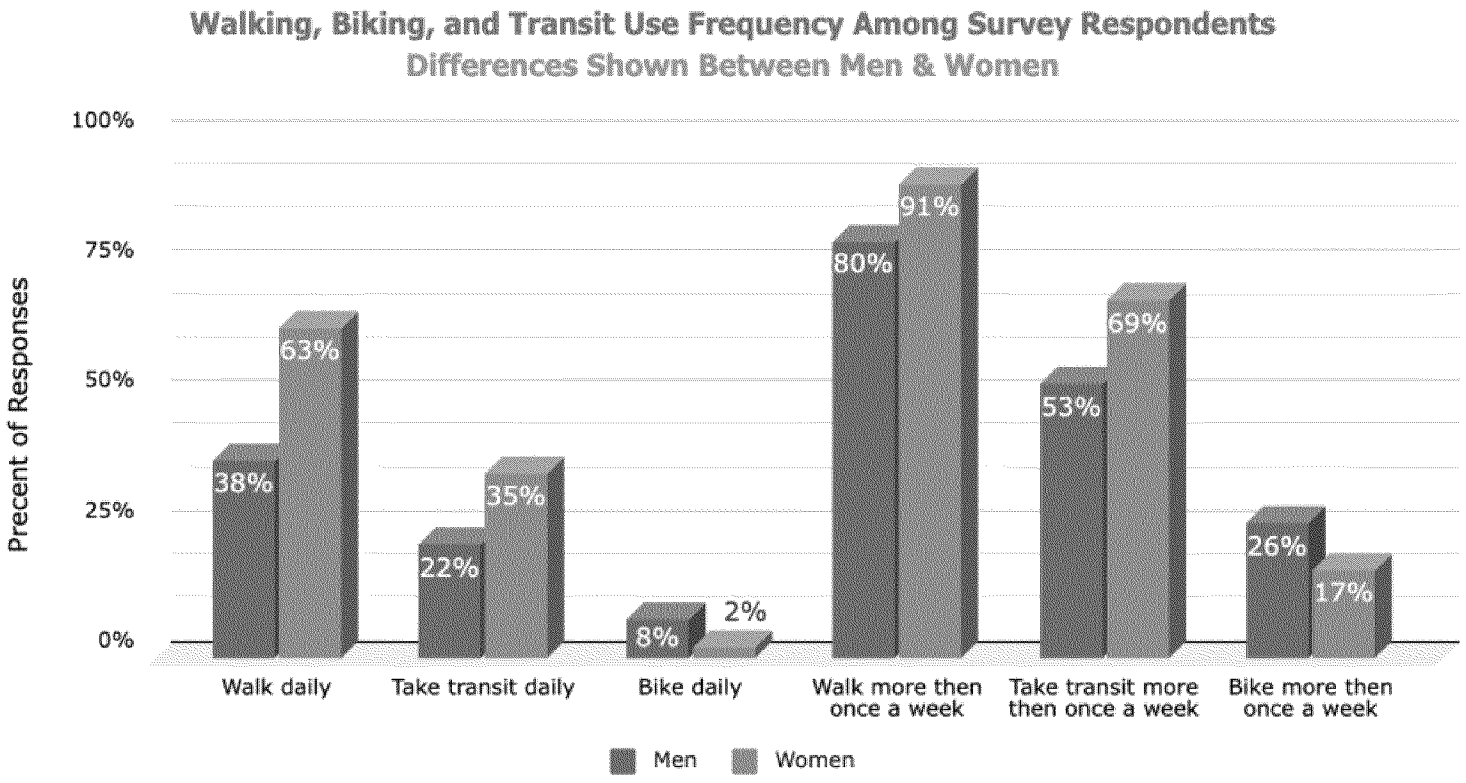
Image of Culmore community on VDOT's Pedestrian Safety Action Plan Map Viewer 3.0 Red line = Top 1% statewide pedestrian priority corridors Blue line = Top 5% statewide pedestrian priority corridors Blue shaded areas = Bike/Ped Crash Heat Map / Colored dots = crashes

Community Survey on Walking, Biking, and Transit

Share of Walking, Biking and Transit Use

Five percent of respondents reported they bike everyday and 21% bike at least once a week. Survey respondents between 65-74 years old bike the most out of all age categories with 17% biking daily and 33% at least once a week.

There were some significant differences between men and women. 63% of women say they walk daily compared to 38% of men, and 35% of women take transit daily compared to 22% of men.



Overall, survey respondents from the Culmore community walk, bike, and use transit at considerably higher rates than Fairfax County residents as a whole. Looking at the Metropolitan Council of Government's most recent 2017/2018 Regional Travel Survey, the mode share split for all trips in Fairfax County was 2.5% rail, .8% bus, 5.3% walk, and 0.8% bike.

Fairfax County's Commuting Patterns Dashboard, based on the 2020 US Census American Community Survey of how commuters in Fairfax County travel to work, shows that countywide 4.5% take transit (rail and bus), 1.6% walk, and 0.2% bike.

> Jose Castillo has lived in Culmore for eight years and is concerned about the safety in the area where he shops, goes to the laundry, and works. "Every day, you can see the risks in the area," he says, "And unfortunately, there have already been human losses." He wants to improve the safety of people traveling on this road by eliminating and reducing risk factors.

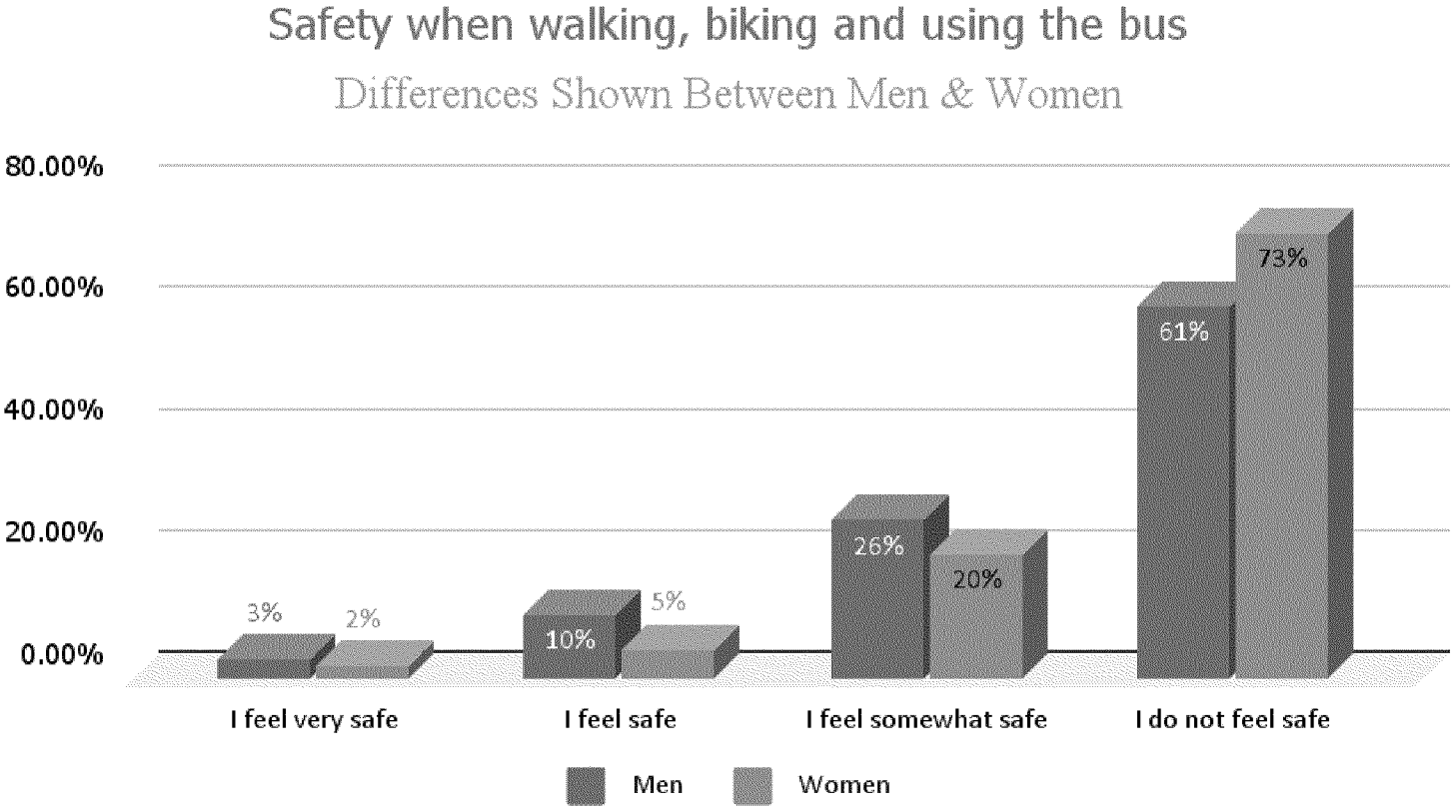
Tweet



Community Safety

Overwhelmingly, survey respondents indicated they do not feel safe walking, biking or getting to transit. 67% of survey respondents indicated they do not feel safe, while 23% said they feel somewhat safe. That means 90% of people feel less than safe when they travel around the community. Only 7.5% said they felt safe and 2.5% felt very safe.

Women, who report walking and taking transit at a frequency greater than men, also reported feeling unsafe 24% more than men.



The Problems

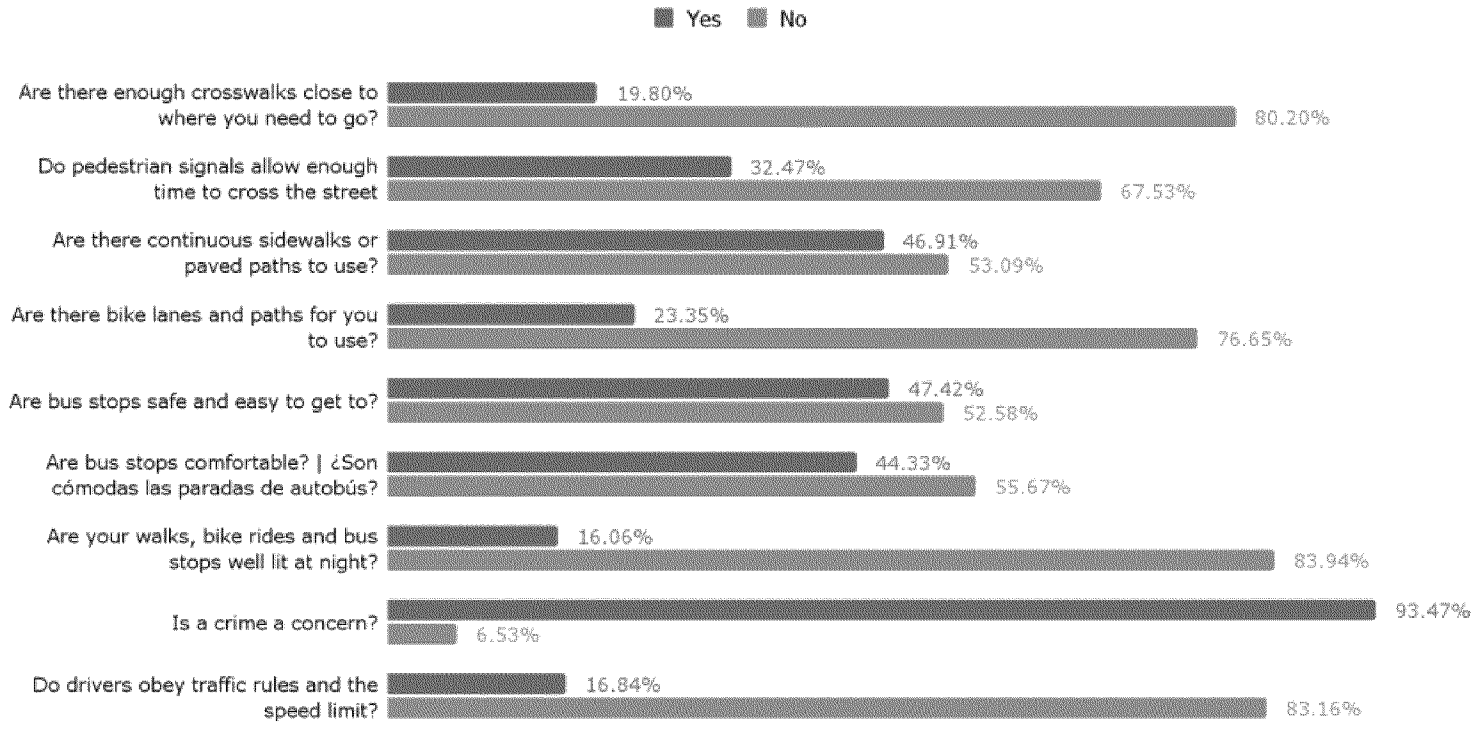
The biggest issues reported that affect safety were crime, dangerous driving, poor lighting, lack of bike infrastructure, not enough time to cross the street, and the lack of connected sidewalks and safe crossing

lighting when walking, biking or at bus stops. People who took the survey shared concerns about armed robberies and shootings, and felt the lack of lighting was part of the problem.

83% felt drivers didn't obey traffic rules or the 40mph speed limit. Several commented that they felt drivers didn't respect pedestrians as they crossed the street.

More than 75% reported there were not enough bike lanes or paths to ride safely.

More than half said there were not continuous sidewalks to use and that bus stops were not safe or easy to get to. Two thirds felt that pedestrian signals didn't give them enough time to cross the street.



Aurora Gamez who has lived in Culmore since immigrating from Honduras 20 years ago says, "It's very dangerous in this area. The road can get up to six lanes wide and often drivers speed down the stretch." She says the blocks are long with crosswalks available only every quarter mile or so."

Tweet

Survey respondents were asked if there are specific areas of concern in Culmore, Route 7 was mentioned most, followed by Glen Carlyn Drive and then Bellview Drive. Also mentioned was Charles Street, the Culmore Shopping Center, and Carlin Springs Road, which is outside of Culmore. Some noted problems of concern in this open ended question. Crossing the street, nighttime crossing, and lighting got the most mentions.

Better Lighting Leads List of Requested Improvements

More lighting, signalized crossings and more crosswalks, speed cameras, lowering the speed limit and better signage were the top suggestions offered by survey respondents. There were many additional suggestions including greater driver awareness, continuous sidewalks, bus stop lighting, bike paths, and snow removal.

Community members commented that they would like to see a greater police presence, wanted help to deal with the violence and felt that police would offer a sense of security.

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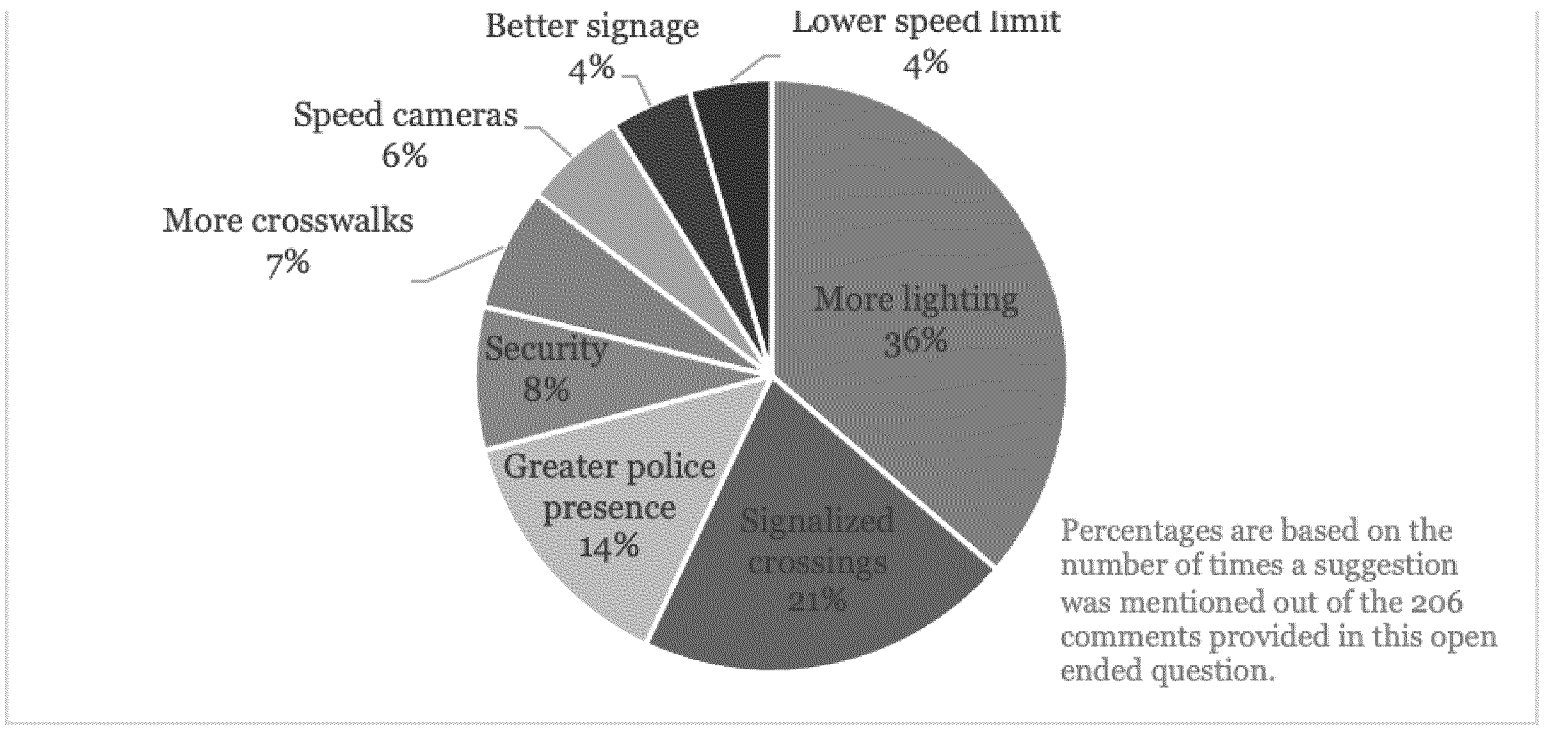


Community Walking Audit

We conducted a walking audit on May 5, 2022, to assess and document firsthand experience of walking along and crossing Route 7 in the Culmore neighborhood. Held during the afternoon rush hour, it provided a good representation of the challenges people face navigating Route 7 on foot or by bike during high traffic. Joining CSG and CASA staff were several Culmore residents, the Fairfax Alliance for Better Bicycling, the Fairfax Families for Safe Streets, and the Mason District representative on Fairfax County's Trails, Sidewalks, and Bikeways Committee.

While walking a predetermined route, participants used a walk audit checklist developed by 8 80 Cities to take notes on their walking experience, conditions at bus stops, and the state of bicycling infrastructure. The audit observations and recommendations from participants are documented in this report and are intended to augment the survey data to inform transportation and planning efforts for future improvements to the community.

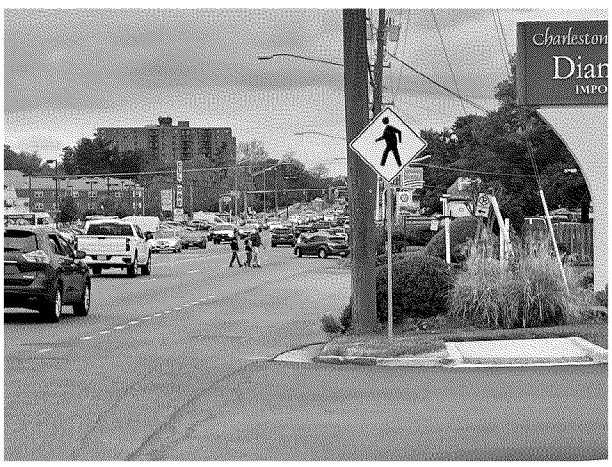


Culmore Walk Audit Route Blue line = walking route / Red markers = Audit observation points Black markers = locations with inadequate lighting

During the audit we observed at least 35 people walking, 2 bicyclists and 4 people riding scooters. Traffic was very heavy with drivers stacked up in the center turn lane in both directions on Route 7 waiting for breaks in traffic to turn. Drivers were queued up on Glen Carlyn Drive waiting to turn onto Route 7 at an uncontrolled intersection, with the lead vehicle blocking the crosswalk everytime they advanced. In the midst of this chaos, we saw approximately 15 people attempting to cross Route 7 midblock and at uncontrolled intersections. **We watched and held our breath as a family of seven with several children on scooters crossed at the uncontrolled Glen Carlyn Drive intersection.**

Key Observations and Findings

Unsafe and Uncomfortable Sidewalks



A group of pedestrians cross Route 7 at the Glen Carlyn Dr. and Magnolia Ave. intersection that does not have a crosswalk or signal. This is also the location of a dangerous missing sidewalk connection.

- There are some decent sidewalks along parts of Route 7 but significant missing gaps remain, creating a very unsafe and uncomfortable situation. The missing sidewalk between Magnolia Avenue and the shopping plaza at 5912 Leesburg Pike is extremely dangerous since the only option is to walk in the road, or use a cut-through path created through a hole in the fence that requires you to walk through the Liberty gas station service area and passed its oil storage containers and trash bins. The lack of light and visibility makes this connection an even worse choice at night. During the audit, we observed several people both walking in the road here and cutting through the gas station.
- An excessive number of driveways along Route 7 make the sidewalks disjointed and increase the number of conflicts with drivers.
- Sidewalks that exist generally allow just one to two people to walk comfortably. Three times our group had to step out of the way to make room for two bicyclists and a scooter rider to pass. In several locations, parked cars hung over the sidewalk narrowing the pathway even more.
- We noted some street sections had trees and landscaping, but many areas had nothing.
- The only places with street furniture for resting are in the pocket park at the corner of Charles Street and in the bus shelters. It's telling that every time we stopped at a bus shelter to assess, many in our group took advantage of the bench to sit and rest.

Intersections and Crossings



A family with children on scooters crosses Route 7 at Glen Carlyn Dr./Magnolia Ave. intersection that does not have crosswalks or a signal

to the Charles Street intersection and back. This is significantly farther than the 60 feet it would take to directly cross Route 7.

- There is no crosswalk on the north side of the intersection at Glen Forest Drive/Charles Street closest to the plaza and bus stop. This forces people to walk even farther trying to cross safely at the signal. We had to cross three streets just to get to the other side, taking us 7 minutes to get across Route 7 at this intersection. That doesn't count the length of time it takes to walk to/from the intersection to access the signal. It is 900 feet from the bus stop in front of the plaza to the intersection, across Route 7, and then back to the point across the street from the bus stop. Whereas it's 70 feet to cross midblock right at the bus stop.
- Audit participants felt either somewhat or not at all safe crossing at the signalized intersections.
- At the two traffic signals within the audit area, there are pedestrian signals but the uncontrolled intersections do not have pedestrian signals or crosswalks to cross Route 7.
- Nearly everyone felt the traffic signals required pedestrians to wait too long and that there wasn't enough time to cross. At the Glen Carlyn/Route 7 intersection, we saw a disabled man with a limp trying to hustle across to make the light.
- The curb radius for some intersections is large, allowing drivers to make right turns at higher speeds and increases conflict with people crossing the street. An example is at Route 7 eastbound right turn at Glen Carlyn Drive.
- While intersections have ADA curb cuts, for the most part the intersections and sidewalks would be challenging to navigate in a wheelchair. For visually impaired people, there is audio with the pedestrian signals at intersections but not much else to help them navigate.

The Danger at Bus Stops

- All of the bus stops within the audit area had a shelter, a bench for resting, and trash cans. They did not have bike parking or lighting. Bus stop lighting was mentioned as a need by several survey respondents.
- The buses came with decent frequency, and 2-3 transit riders were seen at almost all the stops within the audit area.
- All of the bus stops in the audit area, except one at the corner of Glen Carlyn Road near St. Anthony's, were located midblock and approximately 370 feet to 850 feet from the nearest signalized crossing option.

The Peril that Cyclists Face

- We saw one cyclist riding along Route 7 on the sidewalk narrowly avert being struck crossing Glen Forest Drive in the crosswalk by a left-turning driver. We also saw a person riding an electric scooter in one of the travel lanes westbound on Route 7.
- We saw no bike infrastructure within the audit area even though several people were biking and riding scooters and several bikes were locked up to fences and signs. Glen Carlyn Road has nice bike lanes but they end before reaching the intersection of Route 7, leaving cyclists to ride in traffic. We did not see adequate bike parking in the area.

to encourage a child or older relative to ride in the area.

Mobility and Safety Improvement Recommendations

Based on survey responses and walk audit observations, several needed pedestrian and bicyclist/scooter mobility and safety improvements have been identified and listed below. Fairfax County and VDOT should deploy tactical short-term solutions to save lives now while longer-term solutions are considered and planned. These short-term safety measures can be initiated as pilot projects that can be implemented quickly and then assessed and adjusted as part of longer-term planning.

Ultimately, Route 7 should be redesigned as a walkable, bike-friendly, transit boulevard as part of the Envision Route 7 Bus Rapid Transit project. We urge that all recommended pedestrian and bicyclist/scooter mobility and safety improvements be included in the plans.

In the near-term (Fall 2022):

- Lower the speed limit as an interim measure and add driver speed feedback signs to help reduce speeding in this area
- Install a temporary, in-street sidewalk connection using jersey barriers from Magnolia Avenue to the sidewalk in front of Bakersfield Rugs at 5928 Leesburg Pike
- Increase shoulder width through lane restriping
- Create a temporary to permanent midblock crossings to reduce the distance between crosswalks and make it easier for pedestrians to walk safely to bus stops and stores
- Implement a traffic safety education campaign in Culmore
- Provide leading pedestrian intervals and more time to cross Route 7 at signals

Within the next 2-3 years:

- Permanently reduce the speed limit on Route 7
- Add a signalized crossing at Glen Carlyn Drive/Magnolia Avenue across Route 7
- Provide crosswalks on all legs of the Charles Street/Glen Forest Drive/Route 7 intersection and Glen Carlyn Road/Route 7 intersection
- Stripe high visibility crosswalks across all side streets and driveways along Route 7
- Provide brighter pedestrian-scale lighting

All Recommended Mobility and Safety Improvements

Lower Speeds

- Lower the speed limit on Route 7 in Culmore to 25 mph

More Crosswalks

- Provide additional signalized crossing options for pedestrians on Route 7 between the Glen Carlyn Road and Crossroads Center Way intersections:

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Carlyn Drive and Charles Street
    - Near the Route 7/Payne Street intersection
- Add an additional crosswalk across Route 7 on the northwest side of the Charles Street/Glen Forest Drive intersection
- Add pedestrian refuge islands at all pedestrian crossings of Route 7
- Add high-visibility crosswalks across all side streets and driveways along Route 7
- Provide leading pedestrian intervals and more time for pedestrians to cross Route 7

Complete Sidewalks and Paths

- Add missing sidewalk connections or shared-use paths along Route 7. This could be temporary for quick build opportunities until permanent improvements can occur.
    - On the northside, complete missing segments between Magnolia Avenue and the entrance to Bakersfield Rugs, between Payne Street and the Crossroads shopping center sidewalk
    - On the southside, complete segments between the Panera and Payne Street, and between Charles Street and Glen Carlyn Drive

Install Pedestrian Scale Lighting

- Install more pedestrian scale lighting. Locations of concern include:
    - Route 7 service road on the northeast side of the Glen Carlyn Road intersection
    - Glen Carlyn Drive near Walgreens
    - Behind the Culmore Shopping Center where the center driveway meets Glen Carlyn Drive
    - Glen Carlyn Road near Saint Anthony's Church
    - Eastside of Route 7 near the bus stop in front of 5918 Leesburg Pike
    - Westside of Route 7 between Charles Street and Glen Carlyn Drive

Provide Traffic Safety Education and Enforcement

- Add speed monitoring devices along Route 7
- Implement a traffic safety education program in the community

Add Bike Infrastructure

- Provide safe and connected bike infrastructure like protected bike lanes and shared-use paths
- Install bike parking, especially near bus stops

Conclusion

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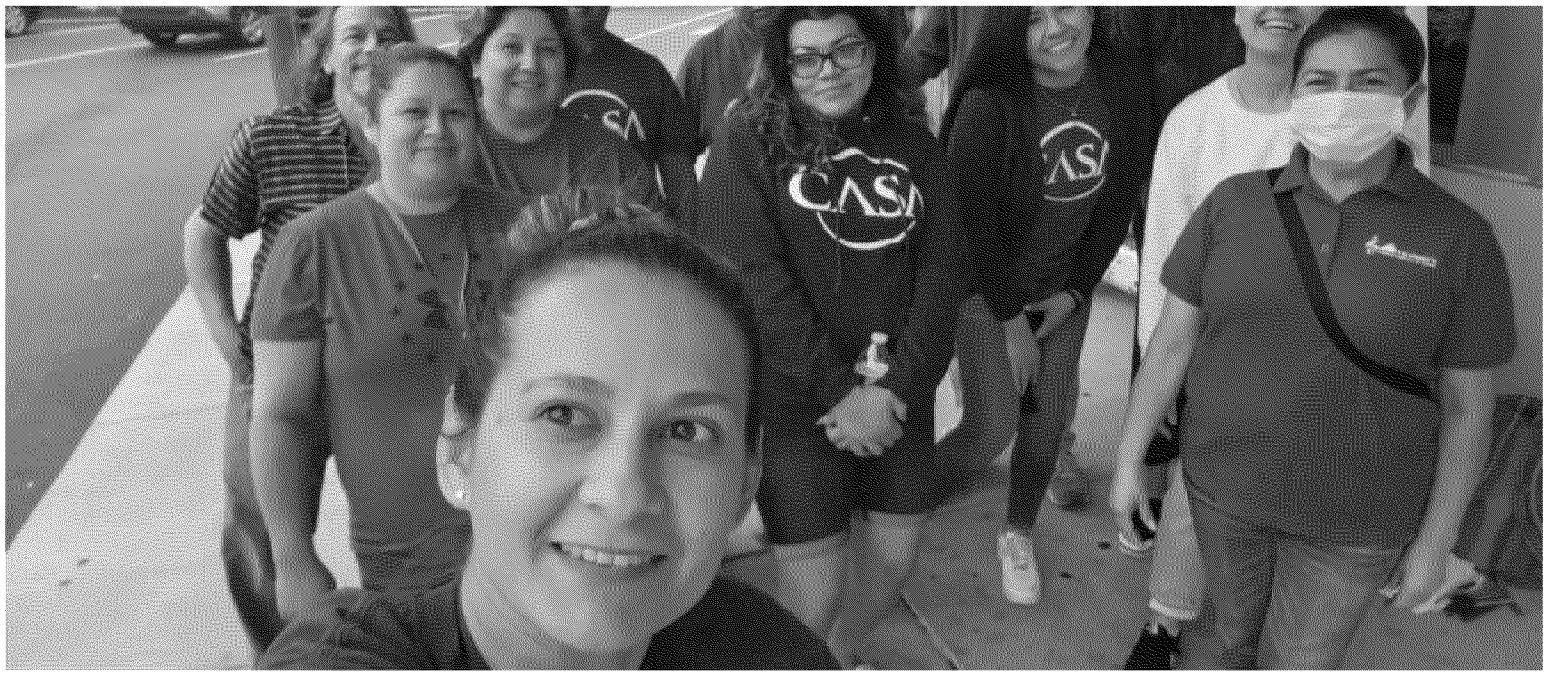


The Route 7 corridor in the Culmore community of Bailey's Crossroads is known by county and state officials to be a high-risk area for pedestrians, and for the first time, the immigrant community has organized to speak out and demand safety precautions for where they love to live. This multi-lane arterial with its 40mph speed limit, excessive number of driveways and only two traffic signals continues to prioritize cars over the safety and comfort of everyone else navigating the community outside the car.

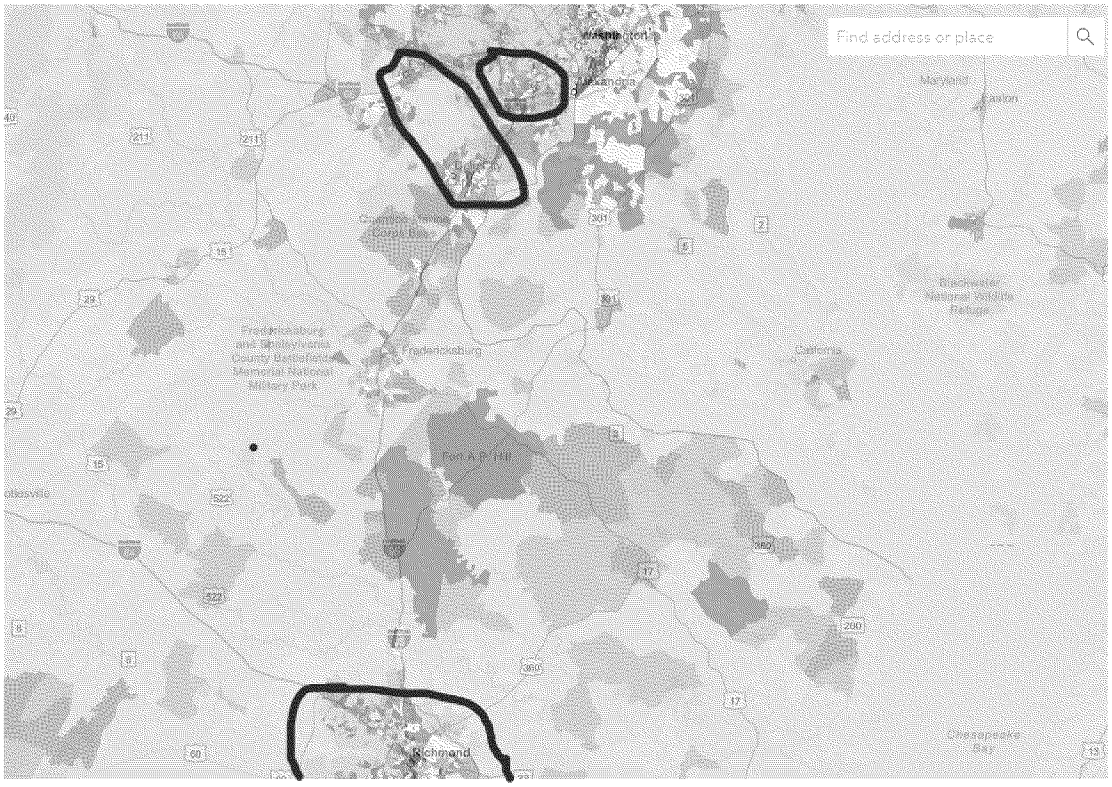
Home to a large immigrant population where many residents regularly walk, bike and use the bus, residents are forced to endure the unsafe conditions – which have already taken lives and seriously injured others – as they try to get to work, get the kids to school, run errands and just go about their daily lives. Yet, aside from new sidewalks in a few locations and some safety improvements in the surrounding neighborhoods, the main street through the heart of this community, Route 7, remains unchanged and unsafe.

Through the walkability survey, local community members spoke out from their homes, at the laundromat and out in the Culmore neighborhood, sharing their concerns and what they feel would make it better. Overwhelmingly, they feel unsafe, citing crime, dangerous driving, poor lighting, lack of bike infrastructure, and the lack of connected sidewalks and safe crossing options as the problem

Now is the time to provide the safety improvements the community deserves! Deploying tactical short-term solutions can start protecting lives now while longer-term solutions are considered and planned. Reducing the speed limit, providing additional signalized crossing options, more crosswalks and pavement markings, and brighter pedestrian scale lighting can be an interim step ahead of the Envision Route 7 Bus Rapid Transit project. Ultimately, Route 7 should be redesigned for all users as a complete street that is walkable, bike-friendly, and provides safe and easy access to transit while also providing safe movement for drivers.

ATTACHMENT C

Pollution Map of Fairfax County, Prince William County, and the city of Richmond



ATTACHMENT D

Grassroots Campaign

Hundreds of Immigrants from Culmore Rally for Safer Streets Before Fairfax County Public Hearing

FALLS CHURCH, VIRGINIA – Immigrant advocacy organization CASA and the Coalition for Smarter Growth hosted a press conference and rally outside of Bailey's Elementary school as part of the Bailey's Crossroads Safe Streets campaign. At the public hearing, CASA members who reside in the area then shared with the Board of Supervisors the issues they face walking, biking, and riding the bus to get to work and their daily activities.

CASA Member Viviana Valverde is a single mom who cleans houses who shared: "The area around the Route 7 highway is where we regularly travel to get to our jobs, go shopping, do our laundry, and eat at local restaurants; this part of town has become more dangerous due to the lack of street, pedestrian, and cyclist signage. The immigrant community that calls Culmore home has suffered great damage from the high-speed traffic and lack of visibility in the area. I am especially concerned that there are still crashes that unfortunately claim so many lives. It is even more worrisome now that I have a one-month-old baby and have to transit this area with her in a stroller. We will no longer accept this and changes need to be made."

The campaign is dedicated to making Bailey's Crossroads safer, which is home to a large immigrant population. The Fairfax County Department of Transportation (FCDOT) and the Virginia Department of Transportation (VDOT) have identified that Route 7 corridor as a high-risk corridor for vulnerable road users based on years of data showing the high numbers of fatalities and serious injuries. Yet, not enough has been done to stem the traffic fatalities and injuries that plague residents trying to navigate their community on foot or by bike.

CASA Member Aurora Lopez shared, "I work at a laundromat in the area. As a resident of Culmore, I travel through the area to purchase groceries, work, and other activities. I have seen an increasing number of accidents since drivers speed in the area. Culmore lacks signaling for vehicles, cyclists, and pedestrians. Unfortunately, lives have already been lost due to the concerning issue. Therefore, as part of the community, I am here to raise awareness with the sole objective of obtaining a change in our community. Now we request you as the County authority to take action on the problems we face as a population that circulates on said road."

"We face an epidemic of dangerous roads across northern Virginia where moving cars is priortized over people's safety and Route 7 here in Culmore is a perfect example. Since 2015, along the one-mile stretch of road that essentially serves as the community's Main Street, there have been 18 pedestrian

In June, CASA and Coalition for Smarter Growth released a report from data collected by surveying Culmore residents. This Northern Virginia community has a high housing density within walking distance of grocery stores, restaurants, schools, religious institutions, and other services. Overwhelmingly, Culmore residents indicated they do not feel safe, citing poor lighting, lack of connected sidewalks and safe crossing options, no bike paths, and concerns about crime.

"About five months ago, we launched this community-powered campaign to get FCDOT, VDOT, and Supervisor Penny Gross to change the Culmore or Bailey's Crossroads area to save the lives of countless immigrants. Today, CASA members have the opportunity to share their stories and also express their concerns. We will continue to fight and uplift their voices until some change happens," said Eduardo Zelaya, director of Virginia organizing. "Let's make it essential that everyone gets home safely."

###

With over 122,000 lifetime Latino, immigrant, and working-class members across 46 US states, CASA is the foremost immigrant organization in the mid-Atlantic region and a national leader in supporting immigrant families and ensuring that all individuals have the core support necessary for full participation in society. Now a national immigrant powerhouse, CASA creates change with its powerbuilding model blending human services, community organizing, and advocacy in order to serve the full spectrum of the needs, dreams, and aspirations of members. Visit us at www.wearecasa.org and follow us on Twitter at @CASAforall.

The Coalition for Smarter Growth is the leading organization in the Washington, DC region dedicated to making the case for smart growth. Our mission is to advocate for walkable, bikeable, inclusive, transit-oriented communities as the most sustainable and equitable way for the region to grow and provide opportunities for all.

We Are CASA

All year long CASA provides critical services to immigrant and working-class families, and advocates for their rights. But our work is only possible because the support of people like you; individuals who stand with immigrants and understand that providing services to those in need uplifts our entire community. Will you join us in our fight for justice by giving today?

Contact

Find CASA offices

Call CASA

Ex. 6 Personal Privacy (PP)

Monday to Friday
9:00 am – 5:00 pm

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ATTACHMENT E

SAFE STREETS: New Video | Catalina's Story



Meet Catalina. Like many immigrants in Culmore, Catalina rides a scooter to work and struggles with the unsafe street conditions in the area. She is a CASA Member who joins the fight for safer streets in Culmore, sharing her story to help.

The Bailey's Crossroads community is home to a large immigrant population where many residents rely on walking, biking and using the bus to get to work and their daily activities. Catalina herself arrived to the United States almost two decades ago and has lived in Culmore for 8 years now.

The Fairfax County Department of Transportation (FCDOT) and the Virginia Department of Transportation (VDOT) have identified the Route 7 corridor as a high-risk corridor for vulnerable road users based on years of data showing the high numbers of fatalities and serious injuries. Yet, no significant investments in safety improvements have been made to stem the traffic fatalities and injuries that plague residents trying to navigate their community on foot or by bike.

Thank you, Catalina, for raising your voice to make sure that pedestrians, cyclists, drivers, everyone in the area is safe!

ATTACHMENT F

'Safe Streets' Testimony from CASA Member Ex. 6 Personal Privacy (PP)

"Hola, mi nombre es Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP) Me convertí en un miembro activo de CASA dos años después de mi llegada, hace unos 6 años aproximadamente.

Soy padre de familia que emigro a este pais buscando un futuro mejor para mi y familia. Desde que me mude a este pais he venido a cumplir con mis deberes y derechos como todo un buen habitante contribuyendo a la economia de esta nacion a traves de mis impuestos.

He me dedicado a trabajar en el area de la jardineria y otros, en la actualidad me dedico a trabajar en una constructora en el area de electricidad.

Hoy estoy aqui como parte los habitantes de el sector de culmore o Bailey's Crossroads expresando mi preocupacion en la zona donde yo como habitante circulo a diaria como ha comprar mi comida o ir a la lavanderia e incluso a trabajar y en efecto he detectado una deficiencia en el area ya que se ha visto el incremento de accidentes por el aumentos de velocidad de los conductores a falta de senalizacion tanto para vehiculos como ciclistas y peatones, lastimosamente a tal problematica ya ha habido incluso perdida humanas por lo tanto como parte de la comunidad alzo mi voz con el unico objetivo es salvaguardar la integridad física de las personas que transitan por la vía pública eliminando y/o disminuyendo los factores de riesgo.

Solicitando a las autoridades competentes de el Condado a que tomen cartas a la problematica que nos enfrentamos como poblacion que circula por dicha via.
Solicitando senalizacion de transito mas actualizada e iluminación en el area o incluso reducir la velocidad de dicha via entre otros componentes claves como un reductor de velocidad o detector de velocidad.

Me dirijo a ustedes para solicitar dicho apoyo para nuestra comunidad y prevenir accidentes mortales o otras situaciones a lamentar.

Muchas Gracias por escuchar por testimonio."

ATTACHMENT G

'Safe Streets' Testimony from CASA Member Ex. 6 Personal Privacy (PP)

"Hello, my name is Ex. 6 Personal Privacy (PP) Ex. 6 Personal Privacy (PP) I became an active member of CASA a year ago and now I am supporting and enforcing my community with the Safe Streets campaign.

I am a mother of 2 children and awaiting the arrival of my third child. I work in the cleaning industry and for me and my family, it is worrisome that the area of Route 7 where we regularly travel to our work, to do our shopping, laundry, and the restaurants, have become more dangerous due to the lack of road, pedestrian and cyclist signage. Our community has suffered the ravages of the high speed and lack of visibility of the area and I am especially concerned that there are still cases of crashes that unfortunately have already claimed human losses. We no longer want that for the community, at least we need to reduce those types of incidents.

That is why I am here as a mother of a family, representative of the community that circulates this area every day and in the condition that I find myself of during my Gestation/pregnancy, I raise my voice and ask Fairfax County officials to take the lead and work for our community as if properly illuminating the roads, putting automated lights, speed reducers, marked signaling for pedestrians.

Thank you for hearing my testimony."

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Centro de Apoyo Familiar

Address: 6801 Kenilworth Ave, Suite 110

City: Riverdale

State: MD: Maryland Zip Code: 20737-1331

B. Unique Entity Identifier (UEI): FWM5H88B7455

C. Applicant/Recipient Point of Contact

Name: Walkiria Pool

Phone: Ex. 6 - Personal Privacy (PP)

Email: wpool@mycaf.org

Title: President

II. Is the applicant currently receiving EPA Assistance? ☒ Yes ☐ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

NA

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

NA

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

Na

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII.	**Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)**	☒ Yes	☐ No
	a. Do the methods of notice accommodate those with impaired vision or hearing?	☒ Yes	☐ No
	b. Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?	☒ Yes	☐ No
	c. Does the notice identify a designated civil rights coordinator?	☐ Yes	☒ No
VIII.	**Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))**	☒ Yes	☐ No
IX.	**Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))**	☒ Yes	☐ No

X. If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.

XI. If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
walkiria pool	President	04/13/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: | First Name: Walkiria | Middle Name:
Last Name: Pool | Suffix:
Title: President
Complete Address:
Street1: 6801 Kenilworth Ave. Suite 110
Street2:
City: Riverdale | State: MD: Maryland
Zip / Postal Code: 20737 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address:

Payee: *Individual authorized to accept payments.*

Name: Prefix: | First Name: Maria | Middle Name:
Last Name: Flores | Suffix:
Title: CFO
Complete Address:
Street1: 6801 Kenilworth Ave. Suite 110
Street2:
City: Riverdale | State: MD: Maryland
Zip / Postal Code: 20737 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address:

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: | First Name: Walkiria | Middle Name:
Last Name: Pool | Suffix:
Title: President
Complete Address:
Street1: 6801 Kenilworth Ave. Suite 110
Street2:
City: Riverdale | State: MD: Maryland
Zip / Postal Code: 20737 | Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**
E-mail Address:

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** | **First Name:** Damaris | **Middle Name:**

Last Name: Frias | **Suffix:**

Title: COO

Complete Address:

Street1: 6801 Kenilworth Ave. Suite 110

Street2:

City: Riverdale | **State:** MD: Maryland

Zip / Postal Code: 20737 | **Country:** USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) | **Fax Number:**

E-mail Address:

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/13/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Centro de Apoyo Familiar

* b. Employer/Taxpayer Identification Number (EIN/TIN): 26-0452137

* c. UEI: FWM5H88B7455

d. Address:

* Street1: 6801 Kenilworth Ave, Suite 110
Street2:
* City: Riverdale
County/Parish:
* State: MD: Maryland
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 20737-1331

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:
* First Name: Walkiria
Middle Name:
* Last Name: Pool
Suffix:

Title: President

Organizational Affiliation:

* Telephone Number: Ex. 6 - Personal Privacy (PP)
Fax Number:

* Email: wpool@mycaf.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Developing a National Model Environmental Community Operative Promotora (ECO Promotoras) for multi-generational, culturally competent environmental health workers to bridge the gap between Hispanics

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: MD-4 | * b. Program/Project: MD-4

Attach an additional list of Program/Project Congressional Districts if needed.

1242-CongressionalDistricts.docx | Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 10/01/2023 | * b. End Date: 10/01/2026

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	500,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: | * First Name: Walkiria

Middle Name:

* Last Name: Pool

Suffix:

* Title: President

* Telephone Number: Ex. 6 Personal Privacy (PP) | Fax Number:

* Email: wpool@mycaf.org

* Signature of Authorized Representative: walkiria pool | * Date Signed: 04/13/2023

/jkydAheaPgEEDyxFkbZhsZGxas=

Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

ECO Promotoras in the DMV

1234-Narrative_EJCPS.pdf
application/pdf
flBlop8SPVtDuCmvKKplVYMQ+fA=

Walkiria
Pool

President
6801 Kenilworth Ave. Suite 110
Riverdale
MD: Maryland
20737
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)

Maria
Flores

CFO
6801 Kenilworth Ave. Suite 110
Riverdale
MD: Maryland
20737
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)

Walkiria
Pool

President
6801 Kenilworth Ave. Suite 110
Riverdale
MD: Maryland
20737
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)

Damaris
Frias

COO
6801 Kenilworth Ave. Suite 110
Riverdale
MD: Maryland
20737
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)

1235-501-c 3-3 letter.pdf
application/pdf
edStm9BDtieX/ids9fXymXAnhAY=

1236-LogicModel.pdf
application/pdf
Sh3A1Af+PWPRwK5G/CURR11zLMs=

1237-SWILSON_CAF_LOC.pdf
application/pdf
wlGl1nGmKuu0jzNBjUiQS0se8CY=

1238-LOC for CAF LesliamQuiros-Alcala.pdf
application/pdf
ZObBOhDdLGSX939NZ7KRRBK+GcY=

1239-EJCPS.xlsx
application/wps-office.xlsx
8OD6NyGeKhBgzRn1/XPTe1/pp/A=

1240-letter of support CRHC - Copy (1).pdf
application/pdf
MbeDWpjpzLN3BT/oYhnFSNcGj88=

1241-LetterofSupportTabernaculodeAdoracion.pdf
application/pdf
Yfq+MGfbTzsZOISPGGCKQo0KC5c=

Centro de Apoyo Familiar
6801 Kenilworth Ave, Suite 110

Riverdale
MD: Maryland
20737-1331

FWM5H88B7455
Walkiria Pool
EX. 6 - Personal Privacy (PP)
wpool@mycaf.org
President
Y: Yes
NA
NA
Na
N: No
Y: Yes
Y: Yes
Y: Yes
N: No
Y: Yes
Y: Yes
walkiria pool
President
2023-04-13

1.0
500000.00
500000.00

500000.00
500000.00

314250.00
65992.50
0.00
2000.00
5670.00
3500.00
0.00
70000.00
461412.50
38587.50
500000.00

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2000.00
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38587.50
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179048.03
178003.03
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178003.03
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0.00

461412.5
38587.50

Application
New
2023-04-13
Centro de Apoyo Familiar
26-0452137
FWM5H88B7455
6801 Kenilworth Ave, Suite 110
Riverdale
MD: Maryland
20737-1331
USA: UNITED STATES

Walkiria
Pool

President
EX. 6 - Personal Privacy (PP)
wpool@mycaf.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

Developing a National Model Environmental Community Operative Promotora (ECO Promotoras) for multi-generational, culturally competent environmental health workers to bridge the gap between Hispanics
MD-4

MD-4
1242-CongressionalDistricts.docx
application/wps-office.docx
7eTKb7gCdDkW1W+BNIgLqTZ2Xl0=

2023-10-01
2026-10-01
500000.00
0.00
0.00
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0.00
500000.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Walkiria
Pool

President
EX. 6 - Personal Privacy (PP)
wpool@mycaf.org
walkiria pool
2023-04-13

/jkydAheaPgEEDyxFkbZhsZGxas=
2023-04-13T23:20:04.000-04:00
walkiria pool
GRANT13860910

INTERNAL REVENUE SERVICE
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date:
AUG 11 2008

CENTRO DE APOYO FAMILIAR
Ex. 6 Personal Privacy (PP)
HYATTSVILLE, MD 20782

Employer Identification Number:
26-0452137
DLN:
17053077314038
Contact Person:
JOHN M WHITE ID# 52118
Contact Telephone Number:
Ex. 6 - Personal Privacy (PP)
Accounting Period Ending:
December 31
Public Charity Status:
170(b)(1)(A)(vi)
Form 990 Required:
Yes
Effective Date of Exemption:
December 12, 2006
Contribution Deductibility:
Yes
Advance Ruling Ending Date:
December 31, 2010
Addendum Applies:
No

Dear Applicant:

We are pleased to inform you that upon review of your application for tax exempt status we have determined that you are exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code. Contributions to you are deductible under section 170 of the Code. You are also qualified to receive tax deductible bequests, devises, transfers or gifts under section 2055, 2106 or 2522 of the Code. Because this letter could help resolve any questions regarding your exempt status, you should keep it in your permanent records.

Organizations exempt under section 501(c)(3) of the Code are further classified as either public charities or private foundations. During your advance ruling period, you will be treated as a public charity. Your advance ruling period begins with the effective date of your exemption and ends with advance ruling ending date shown in the heading of the letter.

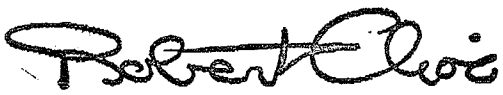
Shortly before the end of your advance ruling period, we will send you Form 8734, Support Schedule for Advance Ruling Period. You will have 90 days after the end of your advance ruling period to return the completed form. We will then notify you, in writing, about your public charity status.

Please see enclosed Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, for some helpful information about your responsibilities as an exempt organization.

Letter 1045 (DO/CG)

CENTRO DE APOYO FAMILIAR

Sincerely,



Robert Choi
Director, Exempt Organizations
Rulings and Agreements

Enclosures: Publication 4221-PC
Statute Extension

Letter 1045 (DO/CG)

Part X Public Charity Status *(Continued)*

e 509(a)(4)—an organization organized and operated exclusively for testing for public safety. ☐

f 509(a)(1) and 170(b)(1)(A)(iv)—an organization operated for the benefit of a college or university that is owned or operated by a governmental unit. ☐

g 509(a)(1) and 170(b)(1)(A)(vi)—an organization that receives a substantial part of its financial support in the form of contributions from publicly supported organizations, from a governmental unit, or from the general public. ☑

h 509(a)(2)—an organization that normally receives not more than one-third of its financial support from gross **investment income** and receives more than one-third of its financial support from contributions, membership fees, and gross receipts from activities related to its exempt functions (subject to certain exceptions). ☐

i A publicly supported organization, but unsure if it is described in 5g or 5h. The organization would like the IRS to decide the correct status. ☐

6 If you checked box g, h, or i in question 5 above, you must request either an **advance** or a **definitive ruling** by selecting one of the boxes below. Refer to the instructions to determine which type of ruling you are eligible to receive.

a **Request for Advance Ruling:** By checking this box and signing the consent, pursuant to section 6501(c)(4) of the Code you request an advance ruling and agree to extend the statute of limitations on the assessment of excise tax under section 4940 of the Code. The tax will apply only if you do not establish public support status at the end of the 5-year advance ruling period. The assessment period will be extended for the 5 advance ruling years to 8 years, 4 months, and 15 days beyond the end of the first year. You have the right to refuse or limit the extension to a mutually agreed-upon period of time or issue(s). Publication 1035, *Extending the Tax Assessment Period,* provides a more detailed explanation of your rights and the consequences of the choices you make. You may obtain Publication 1035 free of charge from the IRS web site at *www.irs.gov* or by calling toll-free [Ex. 6 - Personal Privacy (PP)] Signing this consent will not deprive you of any appeal rights to which you would otherwise be entitled. If you decide not to extend the statute of limitations, you are not eligible for an advance ruling. ☑

Consent Fixing Period of Limitations Upon Assessment of Tax Under Section 4940 of the Internal Revenue Code

For Organization

(Signature of Officer, Director, Trustee, or other authorized official)

walkiria pool
(Type or print name of signer)

7-15-08
(Date)

Presidenta and CEO
(Type or print title or authority of signer)

For IRS Use Only

IRS Director, Exempt Organizations

AUG 11 2008
(Date)

b **Request for Definitive Ruling:** Check this box if you have completed one tax year of at least 8 full months and you are requesting a definitive ruling. To confirm your public support status, answer line 6b(i) if you checked box g in line 5 above. Answer line 6b(ii) if you checked box h in line 5 above. If you checked box i in line 5 above, answer both lines 6b(i) and (ii). ☐

(i) (a) Enter 2% of line 8, column (e) on Part IX-A. Statement of Revenues and Expenses. _____

(b) Attach a list showing the name and amount contributed by each person, company, or organization whose gifts totaled more than the 2% amount. If the answer is "None," check this box. ☑

(ii) (a) For each year amounts are included on lines 1, 2, and 9 of Part IX-A. Statement of Revenues and Expenses, attach a list showing the name of and amount received from each **disqualified person.** If the answer is "None," check this box. ☑

(b) For each year amounts are included on line 9 of Part IX-A. Statement of Revenues and Expenses, attach a list showing the name of and amount received from each payer, other than a disqualified person, whose payments were more than the larger of (1) 1% of line 10, Part IX-A. Statement of Revenues and Expenses, or (2) $5,000. If the answer is "None," check this box. ☑

7 Did you receive any unusual grants during any of the years shown on Part IX-A. Statement of Revenues and Expenses? If "Yes," attach a list including the name of the contributor, the date and amount of the grant, a brief description of the grant, and explain why it is unusual. ☐ Yes ☑ No

IRS-EO RECEIVED

JUL 18 2008

Group 7885
Atlanta, GA

UNIVERSITY OF MARYLAND
SCHOOL OF PUBLIC HEALTH
Maryland Institute for Applied and Environmental Health

Sacoby Wilson, PhD, MS
Professor and Director
2234 School of Public Health Bldg
College Park, Maryland 20742-2611
Ex. 6 - Personal Privacy (PP) TEL, Ex. 6 - Personal Privacy (PP) FAX

April 11, 2023

Mr. Jacob Burney
Office of Environmental Justice & External Civil Rights
Environmental Protection Agency
Washington, D.C.

Dear Mr. Burney,

My name is Dr. Sacoby Wilson. I am a Professor and Director of the Center for Community Engagement, Environmental Justice, and Health (CEEJH). CEEJH was founded in 2011 as a laboratory and relaunched in 2021 as a Center to assist frontline and fenceline communities impacted by environmental, climate, and energy justice issues through technical assistance, scientific support, and use of community-engaged research approaches including the community-based participatory research (CBPR) framework and community science. CEEJH has been working throughout the Mid-Atlantic for over a decade with community-based organizations including Centro de Apoyo Familiar (CAF). I also co-founded the Mid-Atlantic Environmental Justice Coalition (MAJC) with Namati which focuses on bringing frontline and fenceline communities together to develop a regional agenda to address environmental, climate, and energy justice concerns in the Mid-Atlantic. CAF is a member of MAJC, and Walkiria Pool, CAF Director, is the Co-Chair of the Maryland EJ Coalition.

Recently, CEEJH received a grant from the Robert Wood Johnson Foundation (RWJF) to launch the Mid-Atlantic Climate Action Hub (MATCH) whose goal is to provide technical assistance to communities impacted by environmental and climate justice issues. We have engaged community-based organizations in Prince George's County, Virginia, Eastern Shore/Southern Delaware, Philadelphia, and Baltimore to act as hubs for MATCH. CAF is a community hub for MATCH. Additionally, I am co-Director of the recently funded Thriving Communities Technical Assistance Center (TCTAC)(National Wildlife Federation is the lead and the UMD EFC is a core partner) for Region III. Through this TCTAC, we are using the same hub structure for MATCH. Through this TCTAC, we will provide technical assistance to communities impacted by environmental and energy justice issues to help them build their capacity to address their local concerns. The technical assistance will include providing grantwriting assistance.

Additionally, with Namati (lead organization), I am helping to develop and implement the Mid-Atlantic Environmental Justice Academy which was funded through an EPA Collaborative Problem-Solving Grant. Through this funding, we will be training members of impacted communities and other stakeholders to develop their skills to address their local environmental justice concerns. Furthermore, through funding from Meta, I have launched the Climate Justice Fellows Program, a sister program to the Mid-Atlantic EJ Academy, to train residents and other stakeholders on climate justice, equity, and health issues. Participants are required to complete a Capstone project as a way to provide direct support to a community experiencing climate justice, equity, and/or health issues.

I am writing mainly to express CEEJH's commitment to the CPS Model proposal developed by CAF entitled "Developing a National Model for the training of Environmental Community Operative

Promoters (ECO-promoters) for multi-generational, culturally competent, environmental health workers to bridge the gap between Hispanics and Environmental Health".

In the last twenty years, CAF has recruited and trained over two hundred Hispanic and Black "promotoras" (community health workers) from the more than 200 faith-based communities with whom they have active and vibrant relationships. The ECO-promoters program that CAF is proposing will build on the tremendous success it has already had in developing culturally competent, multi-generational "promotoras".

With offices in Prince Georges' County, Maryland, Washington, DC, Arlington, Virginia, and Lawrence, Massachusetts CAF is truly capable of developing, beta testing and "rolling-out" a bilingual national program like the one they describe in their proposal.

CEEJH is ready to contribute to the ECO-promoters' training curriculum throughout the three years of grant funding by offering the following workshops/ trainings:

1. **Intro to Environmental Justice –** Future ECO-promoters will learn how to define environmental justice, trace the history of environmental justice and examine how it interconnects with other social and environmental issues.
2. **Climate Justice & Climate Science –** Future ECO-promoters will learn about the basics of climate science, how to define climate justice while understanding the use of climate justice to examine the disproportionate impacts of climate change and discover how Marylanders are and will be impacted by climate change.
3. **Environmental Health Impacts-** Future ECO-promoters will learn how to define environmental health and explore environmental health basics and analyze disproportionate environmental health impacts in Maryland.
4. **Mapping Tools -** Future ECO-promoters will learn how mapping tools are created and their relevant uses, learn the basic tools and operations of MD EJSCREEN and EPA EJScreen and learn how to use the mapping tools to examine a climate justice issue where they live in Maryland.
5. **Community Capacity-Building -** Future ECO-promoters will learn about stakeholder engagement, the best practices for building partnerships and how to incorporate strategies for organizing and mobilizing the public.
6. **Community Science & Conducting Community-led Climate Change Inquiry -** Future ECO-promoters will learn how to define Community Science & Citizen Science and learn how to explore a variety of different community science tools such as hyper-local air quality monitoring, Photovoice and Block Assessments.
7. **Green & Natural Infrastructure** - Future ECO-promoters will learn about salutogenic features and strategies to mitigate extreme heat, flooding, & pollution, and use mapping and community science tools, such as Photovoice & park equity mapper to find gaps in access to green and natural infrastructure.

The proposal that CAF leadership is putting forth has the potential to be transformative at the regional, state and national levels. It is a program that can easily be expanded to encompass not only Hispanic communities but all types of communities everywhere throughout the nation.

As a designated environmental justice and climate action hub, future impact of the Region III TCTAC, and close collaboration with the Mid-Atlantic Environmental Justice Coalition, we feel we are particularly well suited to serve as a partner in the work of this proposed project. I personally have almost 25 years of experience using the EPA Collaborative Problem-Solving Model dating back to my

contribution to the efforts of the West End Revitalization Association to address the lack of basic amenities and the planned expansion of the 119 Bypass in the late 90s. I have integrated the CPS Model into all of my community-engaged research, scholarship, and practice since then. Should EPA have any questions about the outlined commitments, please reach out via the contact information noted below.

Sincerely,



Dr. Sacoby Wilson, Professor and Director
Center for Community Engagement, Environmental Justice, and Health (CEEJH)
School of Public Health
Ex. 6 Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)

CASA DE RESTAURACION HISPANA CRISTIANA (CRHC)
6831 3rd Street Lanham MD 20706

April 13, 2023

Mr. Jacob Burney
Office of Environmental Justice & External Civil Rights
Environmental Protection Agency
Washington, D.C.

Dear Mr. Burney,

CASA DE RESTAURACION HISPANA CRISTIANA (CRHC) is pleased to provide this letter of commitment to support Centro de Apoyo Familiar (CAF) with its ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM. We are honored to be a partner for its Environmental Community Operative Promotora (ECO Promotoras) - A National Model for multi-generational, culturally competent environmental health workers to bridge the gap between Hispanics and Environmental Health

CASA DE RESTAURACION HISPANA CRISTIANA (CRHC) or House of Restauration, is a local non-profit organization based in Prince Georges County Maryland. CRHC was founded 25 years with its mission to help homeless men recover from substance abuse disorder and relearn how to become responsible and independent members of society. CAF has partnered with CRHC for over 8 years to educate program participants on environmental health issues, integrating our organization into the climate change arena, and turning participants into full-fledged community organizers to fight for greater equity in the climate change and environmental justice conversations. In addition, CAF has provided us with access to healthy food, and other major services such workforce development, financial literacy education, and access to affordable housing. CRHC has been a member of CAF's Connector Network for over 8 years. CAF's Connector is a network of over 200 faith based and community organizations that provides Capacity building and leadership support and outreach in the community.

This letter affirms our support for Centro de Apoyo Familiar (CAF) to do the following:

- Assist CAF with recruiting community promotoras.
- Help participating promoters develop a stronger inner self that is resilient, reflective and able to develop positive connections in the community.
- Provide venue settings for in- person instruction for hand on experiences and via Zoom with the instructor(s) teaching.

This program with add valuable opportunities to extend the support and strengthen Latinos in Prince Georges County.

If you need additional information or have any questions please do not hesitate to call me at Ex. 6 - Personal Privacy (PP)

Sincerely,

CASA DE RESTAURACION HISPANA CRISTIANA (CRHC)
6831 3rd Street Lanham MD 20706



Iluminada Gomez
President and Founder



Iglesia Tabernáculo de Adoración Inc.
7954 Twist Ln, Springfield, Virginia 22153 • Telephone Ex. 6 Personal Privacy (PP)

Mr. Jacob Burney
Office of Environmental Justice & External Civil Rights
Environmental Protection Agency
Washington, D.C.

Dear Mr. Burney,

I am writing this letter to commit the support of Centro de Apoyo Familiar (CAF) ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM. We are pleased to provide this letter of commitment to support Centro de Apoyo Familiar (CAF) with its ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM. We are honored to be a partner for its Environmental Community Operative Promotora (ECO Promotoras) - A National Model for multi-generational, culturally competent environmental health workers to bridge the gap between Hispanics and Environmental Health.

Tabernaculo de Adoracion is a faith-based organization serving Latinos in the Northern Virginia area for the past 10 years and has been a member of CAF's Connector Network for over 10 years. CAF's Connector is a network of over 200 faith based and community organizations that provides capacity building and leadership support and outreach in the community. Tabernaculo de Adoracion will serve the community as a humanitarian agency of compassion and charity. We are involved in our community and provide support and outreach services to all community members.

This letter affirms our support for Centro de Apoyo Familiar (CAF) to do the following:

• Assist CAF with recruiting community promotoras.

• Help participating promoters develop a stronger inner self that is resilient, reflective and able to develop positive connections in the community.
• Provide venue settings for in- person instruction for hand on experiences and via Zoom with the instructor(s) teaching.

This program with add valuable opportunities to extend the support and strengthen Latinos in Northern Virginia.

We look forward to working with CAF in this new opportunity.

Senior Pastor
Kibsaim Jimenez

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Community Housing & Empowerment Connections Inc.

Address: Ex. 6 Personal Privacy (PP)

City: Bear, Delaware

State: DE: Delaware Zip Code: 19701

B. Unique Entity Identifier (UEI): D5KJLNHA9K15

C. Applicant/Recipient Point of Contact

Name: Octavia D Dryden

Phone: Ex. 6 Personal Privacy (PP)

Email: Ex. 6 - Personal Privacy (PP)

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☒ Yes ☐ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

NA

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

NA

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

NA

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☒ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

NA

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

NA

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Octavia Dryden	Executive Director	04/09/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/09/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier: DE

8. APPLICANT INFORMATION:

* a. Legal Name: Community Housing & Empowerment Connections Inc.

* b. Employer/Taxpayer Identification Number (EIN/TIN): 51-0411465

* c. UEI: D5KJLNHA9K15

d. Address:

* Street1: Ex. 6 Personal Privacy (PP)

Street2:

* City: Bear

County/Parish:

* State: DE: Delaware

Province:

* Country: USA: UNITED STATES

* Zip / Postal Code: 19701-0000

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Mrs.

* First Name: Octavia

Middle Name:

* Last Name: Dryden

Suffix:

Title: Executive Director

Organizational Affiliation: Community Housing & Empowerment Connections Inc.

* Telephone Number: Ex. 6 Personal Privacy (PP)

Fax Number:

* Email: Ex. 6 - Personal Privacy (PP)

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

1234-Map of Delaware, by Counties.docx | Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Community-led Collaborative To Expand Air Quality Monitoring Network in Rural Communities in Southern Delaware

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: DE-003 * b. Program/Project: DE-003

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 10/01/2023 * b. End Date: 09/30/2026

18. Estimated Funding ($):

* a. Federal	498,740.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	498,740.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Mrs. * First Name: Octavia

Middle Name:

* Last Name: Dryden

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 Personal Privacy (PP) Fax Number:

* Email: Ex. 6 - Personal Privacy (PP)

* Signature of Authorized Representative: Octavia Dryden * Date Signed: 04/09/2023

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Mrs. First Name: Octavia Middle Name:
Last Name: Dryden Suffix:

Title: Executive Director

Complete Address:

Street1: Ex. 6 Personal Privacy (PP)
Street2:
City: Bear State: DE: Delaware
Zip / Postal Code: 19701 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: Ex. 6 Personal Privacy (PP)

Payee: *Individual authorized to accept payments.*

Name: Prefix: Mrs. First Name: Octavia Middle Name:
Last Name: Dryden Suffix:

Title: Executive Director

Complete Address:

Street1: Ex. 6 Personal Privacy (PP)
Street2:
City: Bear State: DE: Delaware
Zip / Postal Code: 19701 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: Ex. 6 - Personal Privacy (PP)

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: Mrs. First Name: Octavia Middle Name:
Last Name: Dryden Suffix:

Title: Executive Director

Complete Address:

Street1: Ex. 6 Personal Privacy (PP)
Street2:
City: Bear State: DE: Delaware
Zip / Postal Code: 19701 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: Ex. 6 Personal Privacy (PP)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** Mrs. **First Name:** Octavia **Middle Name:**

Last Name: Dryden **Suffix:**

Title: Executive Director

Complete Address:

Street1: Ex. 6 Personal Privacy (PP)

Street2:

City: Bear, Delaware **State:** DE: Delaware

Zip / Postal Code: 19701 **Country:** USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: Ex. 6 Personal Privacy (PP)

EPA Form 5700-54 (Rev 4-02)

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Community Housing & Empowerment Connections Inc.

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Application
New
2023-04-09
DE
Community Housing & Empowerment Connections Inc.
51-0411465
D5KJLNHA9K15
Ex. 6 Personal Privacy (PP)
Bear
DE: Delaware
19701-0000
USA: UNITED STATES

Mrs.
Octavia

Dryden

Executive Director
Community Housing & Empowerment Connections Inc.
Ex. 6 Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
1234-Map of Delaware, by Counties.docx
application/vnd.openxmlformats-officedocument.wordprocessingml.document
PisIqwPipia6aGWkrrAjludBOoI=

Community-led Collaborative To Expand Air Quality Monitoring Network in Rural Communities in Southern Delaware
DE-003
DE-003
2023-10-01
2026-09-30
498740.00
0.00
0.00
0.00
0.00
0.00
498740.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Mrs.
Octavia
Dryden

Executive Director
Ex. 6 Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
Octavia Dryden
2023-04-09

Community Housing & Empowerment Connections Inc.
Ex. 6 Personal Privacy (PP)
Bear, Delaware
DE: Delaware
19701

D5KJLNHA9K15
Octavia D Dryden
Ex. 6 Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
Executive Director

Y: Yes
NA
NA
NA
N: No
N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
NA
NA
Octavia Dryden
Executive Director
2023-04-09

1235-CHEC 501c3.pdf
application/pdf
bkaWZnrYAa73UzipDsiDaImCXD8=

1236-CHEC DEJCP Fact Sheet.docx
application/vnd.openxmlformats-officedocument.wordprocessingml.document
hPi30JfQtQB1ZZztQJLOfwdsR5U=

1237-MWDC LOS to CHEC- EPA.docx
application/vnd.openxmlformats-officedocument.wordprocessingml.document
6A266uPKvn8ULfVaVDAiIWwMFTA=

1238-CHEC detailed description.doc
application/msword
syq5m2LwhvWw4tz8eCAIlMHxTvQ=

1239-Octavia BioSketch. EPA Grant.docx
application/vnd.openxmlformats-officedocument.wordprocessingml.document
ZXroeoHfjuf+0XsRtVRO4TAaDDQ=

1240-Map of Delaware, by Counties.docx
application/vnd.openxmlformats-officedocument.wordprocessingml.document
PisIqwPipia6aGWkrrAjludBOoI=

1241-CHEC EPA LOS EJCPS Grant in Southern DE.docx
application/vnd.openxmlformats-officedocument.wordprocessingml.document
ve4csxIDqHQhFzgCV3ly1OinUo0=

1242-EPA Environmental Justice CPS Model.docx
application/vnd.openxmlformats-officedocument.wordprocessingml.document
2agjrhOPnLdc5cky38tbEJ544A0=

1243-CHEC EPA Air Monitoring Project Narrative-Southern Delaware FINAL.docx

application/vnd.openxmlformats-officedocument.wordprocessingml.document
RFoqqVyUny6Cvo/PK8sQbjK1T1c=

Mrs.
Octavia
Dryden

Executive Director
Ex. 6 Personal Privacy (PP)
Bear
DE: Delaware
19701
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)

Mrs.
Octavia
Dryden

Executive Director
Ex. 6 Personal Privacy (PP)
Bear
DE: Delaware
19701
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)

Mrs.
Octavia
Dryden

Executive Director
Ex. 6 Personal Privacy (PP)
Bear
DE: Delaware
19701
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)

Mrs.
Octavia
Dryden

Executive Director
Ex. 6 Personal Privacy (PP)
Bear, Delaware
DE: Delaware

19701
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)

EX. 6 - Personal Privacy (PP)

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2023-04-09T22:01:15.000-04:00
Octavia Dryden
GRANT13853673

IRS Department of the Treasury
Internal Revenue Service
P.O. Box 2508
Cincinnati OH 45201

In reply refer to: 0248459777
Dec. 22, 2008 LTR 4168C EO
51-0411465 000000 00 000
00017790
BODC: TE

COMMUNITY HOUSING & EMPOWERMENT
% OCTAVIA DRYDEN
Ex. 6 Personal Privacy (PP)
NEWARK DE 19702-8620203

024260

Employer Identification Number: 51-0411465
Person to Contact: Mrs. Guilkey
Toll Free Telephone Number: Ex. 6 - Personal Privacy (PP)

Dear Taxpayer:

This is in response to your request of Dec. 11, 2008, regarding your tax-exempt status.

Our records indicate that a determination letter was issued in November 2001, that recognized you as exempt from Federal income tax, and discloses that you are currently exempt under section 501(c)(3) of the Internal Revenue Code.

Our records also indicate you are a private foundation described under section 509(a) of the Code.

Donors may deduct contributions to you as provided in section 170 of the Code. Bequests, legacies, devises, transfers, or gifts to you or for your use are deductible for Federal estate and gift tax purposes if they meet the applicable provisions of sections 2055, 2106, and 2522 of the Code.

If you have any questions, please call us at the telephone number shown in the heading of this letter.

Sincerely yours,

Michele M. Sullivan

Michele M. Sullivan, Oper. Mgr.
Accounts Management Operations I

MWDC

April 10, 2023

Octavia Dryden
Executive Director
CHEC Inc.
Ex. 6 Personal Privacy (PP)
Bear, DE 19701

RE: Letter of Support

Dear Mrs. Dryden:

I am writing to express support for Community Housing & Empowerment Connections Inc.(CHEC) and the Delaware Environmental Justice Community Partnership application to the USEPA Grant program to build a collaborative Community-led Air Monitoring Network in Rural Communities in Southern Delaware that uses a collaborative problem solving process and attains the scientific rigor required for research, while also achieving benefits that overburdened and underserved communities residents seek. Additionally, this project will enhance the Connecting Black, Indigenous and People of Color to Clean Energy Opportunities program, by creating jobs for residents who are often left out.

Minority Workforce Development Coalition prides itself with working side by side with CHEC and others for many years to ensure that low-income communities are included in employment and economic opportunities that are science-based and clean.

We look forward to continued collaboration with CHEC and expanding environmental justice throughout the state of Delaware.

If additional information is required, please feel free to contact me at Ex. 6 - Personal Privacy (PP) or email, [HYPERLINK Ex. 6 - Personal Privacy (PP)].

Sincerely,

Kenneth Dryden
Chair
Minority Workforce Development Coalition

BIOGRAPHICAL SKETCH

NAME: Dryden, Octavia "Penny"

EMAIL: Ex. 6 - Personal Privacy (PP)

POSITION TITLE: Executive Director

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)*

INSTITUTION AND LOCATION	DEGREE *(if applicable)*	Completion Date MM/YYYY	FIELD OF STUDY
Delaware State University, Dover DE.	B.A.	05/1979	Business Administration
Certified Prevention Specialist, DSAMH Newark, DE		11/2011	Substance Abuse Prevention
Certified FAST Trainer		02/1999	
Licensed Prevention Provider, DSAMH		07/2004	
Certified Life Skills Training Instructor		07/2004	

A. Personal Statement

I embrace the opportunity to serve as Project Manager and Lead Agency for the proposed *Community - led Collaborative Air Monitoring Network in Rural Communities in Southern Delaware* under EPA Grant program. I am currently the executive director of Community Housing & Empowerment Connections Inc. and former executive director of the New Castle County Community Partnership, both combined for a total of thirty plus years of experience in the environmental and social justice field. I have an extensive background in community partnerships, capacity and coalition building that led to the development of 10 neighborhood coalitions (Edgemoor, Southbridge, Northeast Wilmington, Westside Wilmington, New Castle, Newark, Middletown/Odessa/Townsend and Route 40 Corridor), 2 countywide coalitions (Wilmington Prevention Coalition and New Castle Prevention Coalition) and 2 statewide community partnerships (Delaware Environmental Justice Community Partnership and Delaware Concerned Residents for EJ recently served as Community Co-PI for a ACCEL Retreat grant and previous PI for a federal Center for Substance Abuse Prevention (CSAP) grant to build a bi-level substance abuse prevention infrastructure statewide. I managed the implementation of a federal CSAP Drug Free Communities Grant and Community Coalition Grant Program to implement a nationally recognized substance abuse prevention program (FAST) in two neighborhood coalitions in New Castle County, DE.). Recently, led implementation of a pilot Partnership 4 Air Quality with partners at Christiana Care Health Services and an EPA funded *Community-led Air Quality Monitoring Network in New Castle County* with John Hopkins University. I possess the necessary leadership, expertise and training to successfully achieve the aims outlined in the proposed project.

B. Positions and Honors

1986 – 2008 Executive Director, New Castle County Community Partnership Inc.
2001 – Present Executive Director, Community Housing & Empowerment Connections Inc.
2018 – Present Chair, Delaware Environmental Justice Community Partnership
2019 – Present Chair, Delaware Concerned Residents for Environmental Justice
2019 – Present Member, Delaware State NAACP Health Committee

C. Contributions to Science

- Community Co-PI for Delaware CRT ACCEL Retreat *Health Impacts of Toxic Pollution: Developing Community Engaged Research* to bring community and researchers together for discussion and development of ideas and partnerships.

- Co-author of *the Environmental Justice for Delaware-Mitigating Toxic Pollution in New Castle County Communities* report (2017) with Union of Concerned Scientists, Environmental Justice Health Alliance, Delaware Concerned Residents for EJ, Coming Clean and Community Housing & Empowerment Connections Inc. This report studies the health risks for seven communities located along an industrial corridor in the northern portion of Delaware's New Castle County. These communities have higher percentages of people of color and/or higher poverty levels than the Delaware average. We found that people in the seven communities face a substantial cumulative health risk from exposure to toxic air pollution and their proximity to polluting industrial facilities, hazardous chemical facilities, and contaminated waste sites. These health risks are substantially greater in comparison to those of a predominantly White and affluent Delaware community as well as Delaware as a whole. Significant and expedited improvements in regulatory and public policy are needed at the national, state, and municipal levels to address these issues.

- Findings from the EJ report influenced Resolution 19-065 sponsored by City of Wilmington City Council Resolution to urge DNREC to consider Cumulative Impacts on environmental justice communities and health risks when issuing construction permits to industrial facilities that impact air quality.

D. Additional Information: Research Support and/or Scholastic Performance

- Presenter at the Earthjustice Hearing in Washington DC
- Testify before the U.S. Environmental Protection Agency Administrators to prevent roll backs of Regulations that protect communities against chemical disasters.
- Testify before the National Environmental Justice Advisory Council to protect against roll backs.
- Member of ACCEL CEO Community Advisory Council
- Member of the State NAACP Health Committee
- Former Member of Delaware Prevention Coalition
- Former Chair of Wilmington Prevention Coalition
- Former Member of Community Anti-Drug Coalition of America-CADCA
- Former Member of Delaware SPF-SIG Advisory Council
- Former Member of Weed and Seed Advisory Council
- Former Member of Delaware Criminal Justice Advisory Council

Building Community Power on the Frontlines

CHECinc

Community Housing and Empowerment Connections Inc.

Mission:
It is the mission of the Community Housing and Empowerment Connections Inc. (CHEC) to build, safe, healthy and strong communities through advocacy, education, empowerment and community partnerships.

Description:
Community Housing and Empowerment Connections Inc. is a community-based non-profit organization specializing in community organizing, advocacy, education and outreach. We are the black-led constituency that we serve. We have a trained staff of volunteers who have years of experience working with low-income communities of color to address social and environmental justice issues such as substance abuse, climate and environmental injustices. CHEC co-authored the *EJ for Delaware Report (2017)*; led the development of several coalitions that include: the Wilmington Prevention Coalition, the New Castle Prevention Coalition, Delaware Concerned Residents for EJ @CHEC and the Delaware Environmental Justice Community Partnerships. CHEC currently leads the first of its kind, Community Air Quality Monitoring Network and Advancing EJ Through Offshore Wind projects to address the needs of low-come, Black communities in Delaware.

History:
CHEC was established in 2001. It is an outgrowth of the New Castle County Community Partnership Inc a leader in prevention in 1990. CHEC and its partners saw their community slowly decline, due to social and environmental injustices. A decision was made to do something about it by joining forces with local, county, state and federal agencies, as well as other community and faith-based agencies to provide the necessary guidance and resources for change. Since its inception, CHEC has operated with local funding, committed volunteers and in-kind resources.

Our Partners:
We partner with the State NAACP-Health Committee, Delaware Concerned Residents for Environmental Justice @CHEC, Southern Delaware Alliance 4 Racial Justice, Minority Workforce Development Coalition and Clean Air Council. Our allies include: New Castle County, Christiana Care, ACCEL-DE, Building Equity & Alignment, Dream.org/GFA, Climate Justice Alliance, National Black EJ Network and many other neighborhood businesses and organizations.

Contact Person: Penny Dryden
Contact Telephone: Ex. 6 - Personal Privacy (PP)
Contact Fax: Ex. 6 - Personal Privacy (PP)
Email: Ex. 6 - Personal Privacy (PP)

Program Directors: Shynaya Dryden [HYPERLINK Ex. 6 - Personal Privacy (PP)
Amber Edwards Ex. 6 - Personal Privacy (PP)

If we come together, we can change it forever

DELAWARE CONCERNED RESIDENTS FOR ENVIRONMENTAL JUSTICE

April 10, 2023

Octavia Dryden
Executive Director
CHEC Inc.
Ex. 6 Personal Privacy (PP)
Bear, DE 19701

LETTER OF SUPPORT

Dear Ms. Dryden:

The Delaware Concerned Residents for Environmental Justice @CHEC (DCR4EJ) provides this letter of support to Community Housing and Empowerment Connections Inc. and its partners in pursuit of an USEPA Environmental Justice Collaborative Problem-Solving Cooperative Agreement program to implement the *Community-Led Collaborative Air Quality Monitoring Network in Rural Communities in Southern Delaware.*

The DCR4EJ @CHEC mission is to empower and inform people of the fundamental rights to clean air, water, land and food. Our group comprised of residents living in close proximity to environmental hazard have identified community air monitoring as central to environmental just. Therefore, we will designate a representative to serve on the Community Steering Committee, assist with recruiting other residents to participate in activities relative to the proposed project. DCR4EJ will promote the project through its environmental justice and community networks.

We highly recommend support for the proposed *Community-led Air Quality Monitoring in Rural Communities in Southern Delaware* project that uses a collaborative, community engaged process to develop a community-led air monitoring network and attains the scientific rigor required for research, while also achieving community priorities. This project will greatly benefit overburdened communities in southern Delaware to better understand and participate in air quality planning in their neighborhood.

Sincerely,

Amber Edwards

Amber Edwards

Member,
DCR4EJ

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Cribs for Kids, Inc.

Address: 5450 2nd Avenue

City: Pittsburgh

State: PA: Pennsylvania Zip Code: 15207

B. Unique Entity Identifier (UEI): UDNCWGQECYG8

C. Applicant/Recipient Point of Contact

Name: Bridget Gaussa

Phone: Ex. 6 Personal Privacy (PP)

Email: bgaussa@cribsforkids.org

Title: Chief Operations Officer

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

None

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

None

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95) ☒ Yes ☐ No

a. Do the methods of notice accommodate those with impaired vision or hearing? ☒ Yes ☐ No

b. Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications? ☒ Yes ☐ No

c. Does the notice identify a designated civil rights coordinator? ☐ Yes ☒ No

VIII. Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a)) ☒ Yes ☐ No

IX. Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974)) ☒ Yes ☐ No

X. If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.

Bridget Gaussa, COO, 5450 2nd Avenue, Pittsburgh, PA 15221 | bgaussa@cribsforkids.org | Ex. 6 Personal Privacy (PP) x

XI. If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.

Cribs for Kids Employee Handbook, pg 11, 5.3.
https://cribsforkids.org/wp-content/uploads/Cribs-for-Kids-Employee-Handbook-202288.pdf

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Judith A Bannon	Chief Executive Officer	04/13/2023

For the U.S. Environmental Protection Agency

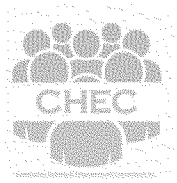
I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.



ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS)
COOPERATIVE AGREEMENT PROGRAM
RFA NUMBER: EPA-R-OEJECR-OCS-23-01

1.0 PROGRAM OBJECTIVES:

a. **Project Summary Page**:

- Project Title: Community-led Collaborative to Expand Air Quality Monitoring in Rural Communities in Southern Delaware
- Project Location: Southern Delaware Rural communities:
  Carlyle Village, Magnolia, Capital Park (Kent County)
  Bridgeville, Blades, and Rehobeth (Sussex County)
- Applicant Information: Community Housing & Empowerment Connections Inc. (CHEC)

Address: Ex. 6 Personal Privacy (PP) Bear, DE 19701
Primary Contact: Octavia Dryden,
Phone Number: Ex. 6 Personal Privacy (PP)
Email address: [HYPERLINK Ex. 6 - Personal Privacy (PP)]
Duns Number: 826231800 UEI# D5KJLNHA9K

- Brief Description of Applicant Organization: CHEC is a community-based nonprofit organization led by Black Women from the communities that they serve to address social, climate and environmental injustices through education, advocacy, and partnerships.
- Are you applying for the Small CBO Set Aside Track for $150,000 projects? **No**
- Project Abstract: This project aims to utilize the Environmental Justice Collaborative Problem-Solving Model to engage multi-stakeholders and expand a community air quality monitoring network, that achieves community priorities while supporting research, public policy and improved health outcomes, in rural communities in Southern Delaware.

- Project Types: Education and Monitoring
- Special Considerations: Underserved Rural Area Communities
- Environmental Issue: Air Quality
- Project Partner(s): Delaware Concerned Residents 4 EJ, Minority Workforce Development Coalition and John Hopkins University
- Will you need to develop a QAPP for your project? **Yes**

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b. Environmental and Public Health information of the Underserved Community

Southern Delaware is comprised of two counties, Kent and Sussex which are heavily rural community areas: Kent County is located in the central part of the state of Delaware. As of the 2010 census, the population was 162,310, making it the least populous county in Delaware. Rural area: 85.9% (504 square miles). The county seat is Dover, the state capital of Delaware. It is named for Kent, an English county. Wikipedia Area: 798 mi² Founded: 1683 Population: 184,149 (2021). Sussex County is located in the southern part of the U.S. state of Delaware, on the Delmarva Peninsula. As of the 2020 census, the population was 237,378. Rural area: 87.7% (821 square miles). The County seat is Georgetown, Wikipedia Area: 1,196 mi² and population is 247,527 (2021). Unemployment rate: 3.9% (Aug 2022)

Environmental quality, including air quality, is an important social determinant of health in many of these rural area communities. Exposure to air pollution is associated with multiple adverse health effects including increase risks of respiratory illness, hypertension, cardiovascular disease, cancer, pre-term birth and, most recently, increased mortality risk associated with the pandemic. Low-income, Black, people of color, children, the elderly, pregnant women, and those with existing health conditions are especially vulnerable to air pollution and its adverse health impacts. Nonetheless many of the communities identified in this project are chronically exposed to poor air quality.

c. Organization's Historical Connection to Underserved Community –

Community Housing & Empowerment Connections Inc. has more than thirty years of experience leading projects in EJ and rural communities in Delaware, both personally and professionally, therefore is authorized to lead the proposed project. CHEC is a community-based nonprofit established in 2001 to build, safe, healthy and strong communities through advocacy, education, empowerment and community partnerships. We are the constituency that we serve. CHEC currently leads the EPA funded Community-engaged Air Monitoring Network in New Castle County, DE; has developed and implemented national evidence-based prevention programs in Kent and Sussex County communities; led the development of several coalitions that include: the Wilmington Prevention Coalition, the New Castle Prevention Coalition, Delaware Concerned Residents for EJ and currently chair the Delaware Environmental Justice Community Partnership. Co-authored the *Environmental Justice for Delaware: Mitigating Toxic Pollution in New Castle County Communities* report in 2017.
(SEE Mandatory Other Attachments: IRS Letter)
(SEE Optional Other Attachments: CHEC Description, DEJCP Partnership Factsheet and

d. EJCPS Model

The proposed project will enhance the existing Community-led Air Quality Monitoring Network (CAMN) and Steering Committee by utilizing elements of the *Environmental Justice*

Collaborative Problem-Solving Model (CPS) for partnership building to address multi-stakeholder interests and concerns related to environmental justice, air quality monitoring and public health issues in distressed rural communities in Southern Delaware.
CHEC and its partners will use the CPS Model as part of its ongoing commitment to ensure environmental justice for all communities, including low-income and/or minority communities. Ensuring environmental justice means not only protecting human health and the environment for everyone, but also ensuring that all people are treated fairly and given the opportunity to participate meaningfully in the development, implementation, and enforcement of environmental laws, regulations, and policies in Delaware.

Environmental pollution and/or public health issues arise too often in urban, rural, and tribal communities that are environmentally, economically, and socially distressed. Situations where community residents are exposed disproportionately to environmental harms and risks require the application of science (both physical and social), environmental and civil rights law, public policy, urban planning, and other academic disciplines pertaining to community health, community development, natural resource management, and dispute resolution. These situations, more often than not, fall outside of the regulatory or programmatic responsibilities of any single governmental agency. It is virtually impossible for any single organization, institution, or sector of society, no matter how large or well established, to adequately address the environmental and/or public health problems experienced by communities.

Collaborative problem-solving, in the context of environmental justice, involves proactive, strategic, and visionary community-based processes that bring together multiple parties from various stakeholder groups from Kent and Sussex Counties (e.g., community groups, all levels of government, industry, and academia) to develop solutions to address local environmental and/or public health issues. Partnerships and negotiations are required to achieve such a goal. Partnerships refer to arrangements by which different stakeholders work together to achieve a common goal. These partnerships can range from informal working relationships to very structured arrangements in which goals, membership, ground rules, and operating principles are clearly defined. Negotiations refer to processes, ranging from informal to formal, by which different stakeholders, such as residents and government stakeholders agree to come together and resolve disagreements.

The CPS provides seven elements: that are cross-cutting and interdependent and will serve the proposed project in a proactive, strategic, and iterative manner:

CPS Element 1 - Issue Identification, Community Vision, and Strategic Goal Setting

Residents from these rural communities will serve on the existing CAMN Steering Committee to build upon existing leadership and experience. The Collaborative problem-solving process will allow them to move beyond identifying environmental and/or public health problems to formulating viable strategies to address and resolve them. This goal will be realized by: 1) creating a vision that articulates the desired outcomes to be achieved, and 2) developing a strategy that identifies the actions needed to produce such results. In a visioning process, the participants will think about what they want their community to eventually look like. In essence, the community visualizes what their own version of a healthy and sustainable community might be. Focus groups,

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leadership forums, retreats, and planning charettes will be used to accomplish this process. The visioning process helps to establish the community's goals. They serve as the basis for subsequent planning and action. Ideally, the vision will reflect the aspirations of the whole community rather than a small group of individuals.

CPS Element 2 - Community Capacity-Building and Leadership Development

This project will hire two Community EJ Coordinators from identified rural communities to build capacity of CHEC and the Steering Committee and implement the activities of the project as well as provide interested parties such as other residents with the leadership skills, information, and resources they need to achieve their own goals. Once all stakeholders are identified, and an environmental and/or public health concern is identified, it must: Educate itself about the issue; Gather appropriate information about the issue; Conduct assessments regarding the causes of and potential solutions to the problem; Identify and mobilize persons and organizations who can provide technical assistance; Educate residents about the problem and involve them in formulating solutions and strategies.

CPS Element 3 - Consensus Building and Dispute Resolution

This project will utilize the existing consensus used on the New Castle County project to resolve conflict. Conflict assessments are structured analyses that will be used to make informed decisions prior to and/or during consensus building and dispute resolution processes. While assessing the conflict, disagreements about facts or the interpretation of data may arise in virtually all situations involving disproportionate environmental and/or public health issues. When such disagreements occur, the stakeholders can jointly choose to use an expert or team of experts to conduct fact-finding in a neutral manner. Another key component when coming to consensus is to factor in contingency conditions that ensure agreements are implemented or enforced. Such conditions can provide for monitoring of the agreement or can trigger certain activities to occur if certain circumstances arise.

CPS Element 4 - Multi-Stakeholder Partnerships and Leveraging of Resources

The CAMN Steering Committee, consisting of entities representing different sectors of society (e.g., community, government, business and industry, academia) enable these entities to access needed resources. In this situation where community residents are adversely and disproportionately exposed to environmental harms and risks, the various stakeholder groups might require different kinds of assistance to ensure their effective participation in a collaborative problem-solving process. For example, community groups might need support in accessing government resources, while industry might need education on how to work effectively and proactively with communities. Well-designed partnerships are important vehicles for mobilizing the needed resources— human, institutional, technical, legal, and financial—to address a problem.

CPS Element 5 - Constructive Engagement by Relevant Stakeholders

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The project team understand that relevant noncommunity stakeholder groups and agencies can play an important role in participating and assisting in the collaborative partnership. The possible roles that each of these stakeholder groups will play are outlined below. Government agencies at the federal and state level will play many roles in collaborative problem-solving efforts. They can: 1) act as a convener or facilitator, 2) provide technical assistance, information, and organizational capacity, 3) assist in coordination and communications, 4) provide financial resources or services, 5) enforce applicable provisions of laws or regulations, 6) focus attention on a problem, and/or 7) provide legitimacy to an effort. Government agencies also help ensure that all relevant stakeholders come to the table.

CPS Element 6 - Sound Management and Implementation

CHEC and residents from underserved communities are driving the project therefore, addressing management and implementation issues will takes place early in the collaborative problem-solving process. CHEC will make every effort to ensure continuing cooperation among different parties, maintaining partnership focus and momentum, and keeping key decisionmakers involved. Equally important considerations are the community-based organization's: 1) decisions about the issues it chooses to address, 2) strategies it seeks to pursue, and 3) collaborations it forms. To the extent possible, the organization will think carefully through these questions as part of its initial goal setting and strategic planning process, not as an afterthought.

CPS Element 7 - Evaluation, Lessons Learned, and Replication of Best Practices

The evaluation of the proposed project will be more than an information-gathering activity. A quality assurance project plan will be developed and the results will be shared with all interested stakeholders and used for meaningful impact on decision-making. The project partners may utilize evaluations to make informed decisions to improve project performance. Lessons learned are significant conclusions regarding activities and outcomes, both positive and negative, which will have an impact on the project. Best practices refer to specific actions taken that helped make the project successful. Lessons learned will be shared with other community groups and interested stakeholders, so they can replicate best practices in their own efforts to address similar issues. Evaluation results are important elements in the overall process of analysis and feedback. The benefits extend beyond a specific project. They can be used to expand and enhance ongoing and future program performance.

In order to ensure meaningful community participation, the first step will build upon an existing community partnership and engagement structure to guide the project. Community Housing & Empowerment Connections Inc., a community-based nonprofit organization will serve as the lead agency, CHEC primary role will be to manage the project initiation and provide a strong community foundation. Our current grant from EPA to implement an air monitoring project in New Castle County has set the foundation for CHEC and its partners to hit the ground running with expanding a community-led air monitoring network in rural communities in Southern Delaware. The existing Community Steering Committee (CSC)—consisting of concerned residents, local advocates, and youth will contribute additional guidance, participation, and

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decision-making in key activities throughout this project. A broader group of residents in Southern Delaware will be convened to contribute their community-specific knowledge and perspectives to the project, including the site selection process. Other stakeholders will continue to be engaged through a technical advisory process, comprised of air monitoring experts from the local regulatory agency, the DNREC, the US EPA, and other local government agencies. More in-depth technical guidance and quality assurance will be provided by consultants at John Hopkins University and Clarity.

Meaningful community engagement is central to all steps of developing a collaborative Community Air Monitoring Network. Under the proposed project, Community residents and other stakeholders will serve on the Steering Committee making decisions, on project design and hosting monitors to selection of priority communities.

Our project community-engaged process is illustrated in the accompanying graphic
(SEE Optional Other Attachments: Steps of EJCPS Model).

e. Project Linkages

The proposed project aligns with the Justice 40 Initiative as well as with the EPA Draft FY 2022-2026 EPA Strategic Plan –Goal 2: Take Decisive Action to Advance Environmental Justice and Civil Rights, Objective 2.1: Promote Environmental Justice and Civil Rights at the Federal, Tribal, State, and Local Levels by Building Community Capacity and Climate Resilience and Maximizing Benefits to Overburdened and Underserved Communities and improving air quality in rural communities in Southern Delaware.

f. Partner and Collaborate

Peter DeCarlo PhD, associate professor at John Hopkins University (JHU) will serve as a consultant to assist and advise the project team on the Quality Assurance Plan to collect and analyze data. He will also assist with evaluation of project performance and report on activities of project. Clarity a team of air quality experts will assist with measurement, software and data collection.

In addition to our main partner at JHU, the CAMN Steering Committee will include: community residents, neighborhood business and organizations, Christiana Care Health Services, Division of Public Health, the State NAACP-Health Committee, Delaware Concerned Residents for Environmental Justice@CHEC, Let the Truth Be Told Newsletter, Minority Workforce Development Coalition and Clean Air Council. Our allies include: state agencies, New Castle County, DE Natural Resources for Environmental Control, ACCEL-CTR Delaware and national partners: Building Equity & Alignment, Dream.org/Green for All, Climate Justice Alliance and many others.
(SEE Optional Other Attachments: Bio sketch/Resumes and Letters of Support

2.0 Project Activities/Milestone Schedule/Detailed Budget Narrative

a. Project Activities:

Air pollution continues to be a national public health threat, and the expanding availability of small, low-cost air sensors has led to increased interest in both personal and crowd-sourced air monitoring. However, to date, few low-cost air monitoring networks have been developed by residents and with the scientific rigor or continuity needed to conduct public health surveillance and inform policy. We recently received support from EPA for a collaborative, community-engaged process to develop a community air monitoring network that attains the scientific rigor required for research, while also achieving community priorities in New Castle County communities. We now propose to expand our network to include six additional underserved communities in rural areas in Southern Delaware—Blades, Coverdale, Bridgeville and Rehobeth in Sussex County; and Magnolia Carlyle Village and Capital Park in Kent County—where other nearby environmentally-impacted communities face similar risks.

By utilizing the CPS model in engaging multi-stakeholders and community residents in the project design, monitor siting processes, data dissemination, and other key activities, the resulting air monitoring network data are relevant, trusted, understandable, and used by community residents. Integration of the EJCPS model elements helps guide partnership building to effectively address multi-stakeholder interests and concerns; spatial analysis and air monitoring best practices into the network development process ensures that the data are reliable and appropriate for use in policy and research activities. This collaborative approach results in a community air monitoring network that is better able to inform and engage community residents, support research activities, guide public policy, and improve public health. Below we provide the overall project description of the monitor siting process and outline the significance and challenges of this approach.

A recent analysis (*Environmental Justice for Delaware: Mitigating Toxic Pollution in New Castle County Communities*) of our project communities, located along industrial and highway corridor, demonstrates disproportionately poorer environmental exposures than the community of Greenville (85% white: 4% poverty). These exposures include poor air quality, high levels of Environmental Protection Agency (EPA) respiratory hazards and carcinogenic chemicals and substantial exposure to particulate matter from vehicles and industrial source. Not surprisingly, our communities have high rates of asthma, cancer, and other comorbidities. Compared to Greenville and to the state of Delaware overall, our communities suffer multiple disparities. We have significantly higher EPA respiratory hazard values than Greenville (range: 24%-71% higher) and the state overall (range: 13%-55% higher). As a result, our communities are placed at higher risk for respiratory illnesses, cardiovascular conditions, cancer, pre-term birth, COVID-19, as well as higher morbidity and mortality. This practice carries into the Southern Delaware communities as well.

Southern Delaware has minimal regulatory PM monitors to cover 399,837 residents in rural areas, approximately 2000 square miles. This regulatory network does not allow many residents to understand their local air quality, and its data are of limited use in identifying air pollution hotspots

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or examining other local trends. Furthermore, there has been historical mistrust of government air quality data by the Black, Indigenous and People of Color (BIPOC) community, primarily driven by observed disconnects between the reported air quality and what residents experience, compounded by a perceived lack of access to the data. Examples shared by community members include the standard practice of removing data for high pollution "exceptional events" (such as gas leaks) from regulatory datasets, as well as reported instances when regulatory monitors were offline or did not report very high PM levels when the air quality at those monitoring locations was poor enough to obscure visibility.

To meet Southern Delaware community residents needs for relevant, trusted, community-level air quality data, Community Housing & Empowerment Connections Inc. (CHEC), a community-based organization, and its main partner at the John Hopkins University (JHU) and Clarity are proposing the *Community-led Collaborative Air Quality Monitoring Project in Southern Delaware.* The project seeks funding from the U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA) Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program: RFA NUMBER: EPA-R-OEJECR-OCS-23-01 to utilize components of the CPS model of community partnership, community participation approaches and air monitoring best practices to expand a community air monitoring network (CAMN) of 20 low-cost monitors in rural communities in Southern Delaware. The goal of the network is to engage residents, provide residents with accurate, real-time data on air quality in their communities that could also be used in scientific analysis to identify local trends and hotspots. This model focuses on the project's innovative monitor siting methodology, which utilizes a phased approach that integrates a collaborative community process that's community-led to identify and select monitor sites, a monitor calibration and validation process, and spatial analysis as mechanisms to integrate community and scientific priorities into the design of the network.

Project Significance

Millions of people worldwide die prematurely every year as a result of outdoor air pollution. In particular, exposure to particulate matter (PM) has been found to be associated with an increased risk of mortality and excess hospitalization even at levels below regulatory limits. While governmental regulatory air monitoring plays an essential role in achieving air quality goals, the monitors used are expensive and require a high degree of training to operate and maintain. The resulting data typically have low geospatial resolution due to the sparseness of monitors, thus limiting their utility for understanding real-time, local-level air quality conditions. While the application of spatial interpolation techniques to regulatory monitoring data has been used to estimate air quality in locations without monitors, a greater number of air monitors distributed throughout an area of concern will improve a model's utility for identifying air pollution hot spots and characterizing local community exposures. Finally, despite being generated by high-quality monitors using federally-approved methods, regulatory air monitoring data may not be relevant, trusted, or understood by residents.

With the increasing availability and quality of small, low-cost air sensors, many public health and research projects are now employing next-generation air monitoring technology to conduct personal and local-level air monitoring. While not approved in the United States for use in regulatory monitoring, this new technology holds great potential for addressing gaps in regulatory

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air monitoring data to better characterize air quality at the community level. Yet, few projects have attempted to establish a permanent community air monitoring network that's community-led, collaborative and produces data that will address community information needs and support scientific research.

By involving our residents in decision-making, conducting transparent and inclusive activities, demystifying scientific processes, integrating community knowledge, and facilitating relationship-building, a collaborative community-engaged approach to research and other data collection activities can increase community trust, understanding, and use of the resulting data. As applied to air quality monitoring, a community-engaged approach may involve communities in determining research topics and study design, collecting data, conducting analysis, and interpreting and disseminating results to improve environmental and health outcomes. Early examples of community engagement in air monitoring involved grab sampling—taking a single sample within a short period of time—and were not intended for sustainable and continuous public health surveillance. There are also many examples of communities participating in the initiation, design, and/or implementation of efforts to monitor air pollution near specific sources, also known as fence-line monitoring. However, apart from a few case studies, communities have not traditionally been engaged in the design of community air monitoring networks, proposed here as the distributed installation of monitors to measure ambient air quality levels within geographic communities. Instead, community air monitoring networks are often developed by siting monitors at locations of convenience or in locations selected without community consultation, resulting in monitoring data that are of limited utility for researchers or residents, respectively.

The siting of monitors in a network has important implications for the utility of the resulting data. Broadly speaking, data from monitors placed where people live and are most concerned about air quality are most useful for community needs, while data from monitors that are spread out and placed in a variety of land uses are most useful for modeling the spatial pattern of air quality using land use regression methods. Arguably important for both uses, data quality can be assured by incorporating air monitoring best practices, such as validation, quality assurance, and quality control procedures. However, to our knowledge, there has not been a community air monitoring network implemented at a county-wide scale that addresses these diverse priorities, our community seek. In this novice methodology, the activities of the project are designed and implemented by our community, therefore will be described in more detail under community engagement below.

Deployment of Monitors in Stages

The project team will use a staged approach to deploy the monitors (see diagram below). In Phase 1, the first set of 10 monitors will be deployed at sites selected through a community engaged process. In Phase 2, a second set of 10 monitors will be deployed based on the results of preliminary monitoring data from Phase 1. This staged approach ensures that community priorities for monitoring locations could be met in Phase 1, and that Phase 2 could be used to fill in any geographic gaps in data collection to ensure scientific integrity of subsequent spatial modeling conducted with the data.

Phase 1



Phase 2



Environmental Justice and Underserved Communities

The USEPA defines Environmental justice as the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income, with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies.

While measuring pollution and addressing the multiple health impacts, exacerbated by covid-19 alone won't resolve the inequities our communities face, this data can support and further environmental justice and actions through the Justice 40 Initiative to confront air pollution and inform state and federal investments where they will have the largest benefits to health and obtaining equity.

The proposed *Community-led Collaborative Air Quality Monitoring* methodology used to site monitors addresses several barriers that environmental justice advocates and BIPOC face in meeting community needs. Specifically, regulatory monitoring networks are sparse, often do not have monitors in locations of most relevance to low income, Black, Indigenous communities of color, and not trusted by the community members. The increased availability of small, low-cost air sensors now makes it feasible for researchers to establish denser networks. However, without community input and engagement, the resulting data may still be of limited utility and may lack credibility within the BIPOC communities identified in this project. Community-led monitoring efforts are more likely to be trusted and relevant for communities; yet these efforts are often under-resourced, with limited access to scientific expertise or conventional monitoring equipment for colocations, resulting in monitoring data that may not achieve the level of scientific rigor or research utility that the community desires. Under this proposed project, our siting methodology is distinguished by the deliberate integration of community and scientific priorities. In fact, the conceptual separation of these priorities did not match our experience. Community participants consistently emphasized the importance of scientific quality, while a primary goal among research partners was to ensure that the CAMN meet community needs. We believe that a CAMN developed using this methodology can provide scientifically rigorous, community-relevant air

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quality data to complement the regulatory networks. The provision of real-time data at community-relevant locations means that individuals can use CAMN data to change behaviors to reduce PM exposures, while the ability to identify temporal and spatial pollution patterns increases the utility of the data for public health planning and policymaking at community and regional levels. As the next generation of small, low-cost air sensors offers new opportunities for establishing CAMNs, it is important to continue developing and utilizing siting approaches with respect to the ability to promote data quality and relevance for communities and researchers alike. It's our hope to promote increased interest for legislation that requires state and local regulatory agencies, to partner with organizations like CHEC to install community air monitoring systems in priority or environmental justice communities.

b. Milestones Schedule:

Project Timeline (2 years in total, 1 year of air sampling)

Activity	Oct - Dec 2023	Jan. – Mar. 2024	Apr. – Jun 2024	Jul – Sep 2024	Oct.- Dec 2025	Jan. – Mar. 2025	Apr. – Jun 2025	Jul – Sep 2025
Hire Support Staff, Consultants	x							
Equip. purchase Training, testing	x	x	x	x	x			
Preparation for sites and field monitoring		x	x					
Monitoring intensives			x	x	x	x	x	
Data Analysis and assessment					x	x	x	x
Preliminary assess. reports						x	x	
Final Reports								x

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c. **Budget Detailed Narrative:**

Line Items & Itemized Costs	EPA Funding
Personnel	
Salaries	0
TOTAL PERSONNEL	$ 0
Fringe Benefits	0
TOTAL FRINGE BENEFITS	$ 0
Travel	
Mileage for PM: 50 miles/wk. @ .50/mi. x104 wks.	8,600
TOTAL TRAVEL	$8,600
Supplies	
Outreach Material and Supplies (Software, postcards, billboards, website)	18,000
2 Laptop Computer @ $800/unit	1,600
2 Printers @ $600/unit	1,200
TOTAL SUPPLIES	$20,800
Equipment	
20 Low-cost Monitors @ $3000/unit	60,000
TOTAL EQUIPMENT	$60,000
Contractual	
Program Manager@ $50/hr. x 3312 hours	165,600
2 Program Support Staff@ $40/hr. x 4160	$166,400
Quality Assurance Consultant @ $12,000	12,000
Resident Stipends 20 @ $500	10,000
Equipment. Services/Maintenance.	10,000
TOTAL CONTRACTUAL	$364,000
Other Costs	$0
TOTAL OTHER	$0
Indirect Costs	
10% de minimis rate	$45,340
TOTAL INDIRECT	$45,340
TOTAL FUNDING	**$498,740**
TOTAL PROJECT COST	**$498,740**

3.0 – Environmental Results—Outcomes, Outputs and Performance Measures

The proposed project aligns with the EPA Draft FY 2022-2026 EPA Strategic Plan –Goal 2: Take Decisive Action to Advance Environmental Justice and Civil Rights, Objective 2.1: Promote Environmental Justice and Civil Rights at the Federal, Tribal, State, and Local Levels by Building

Community Capacity and Climate Resilience and Maximizing Benefits to Overburdened and Underserved Communities and improving air quality.

The proposed project will work with EPA focus on advancing environmental justice and civil rights by engaging residents in identified rural area communities on key activities including technical assistance, regulation development, and financial assistance.

The proposed project will work with EPA to promote early integration of environmental justice and civil rights considerations in the regulatory process. CHEC will undertake air monitoring and other assessment approaches to address these long-neglected air quality and public health problems.

a. Environmental Results- Outputs and Outcomes-

   The expected outputs of the project include utilizing the expanding a Steering Committee statewide comprised of residents, experts, researchers and government agencies as decision-making body. Establish a CAMN that would provide residents in rural communities with accurate, real-time data on air quality in their communities that could also be used in scientific analyses to identify local trends and hotspots. The process will include deployment of 20 monitors within the CAMN over a two- year period, with significant community engagement throughout. The real-time CAMN data will be made publicly available through the Air Monitoring website. An interactive web map showing real-time data for each site, along with summary data for individual monitors, will be available on the website.

b. Performance Measures and Plan-

   CHEC will serve as the community-based organization to lead and provide oversight and coordination responsibilities of the overall project that include grant management; personnel; financial and program management.

   - Overseeing subrecipients, and/or contractors and vendors;
   - Tracking and reporting project progress on expenditures and purchases; and
   - Tracking, measuring, and reporting accomplishments and proposed timelines/milestones.

c. Sustainability Plan and Community Vision:

   Consultants/Contractors will be hired to coordinate and carry out specific activities of the plan to effectively achieve goals of the project.

Selection of priority communities. In March 2024, the CSC will begin the monitor siting process, in which monitor placement would be a priority due to the vulnerability of the residents to air pollution and health impacts. First, the CSC will review community survey data (collected from pilot CAMN project), county-specific maps and tables of various environmental, health, and social indicators, and consider factors that impact personal and community vulnerability to air pollution

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and emerging health risks. The CSC will then use consensus voting to select the priority communities.

Land use characterization. To ensure that data from the Phase 1 monitors sites could be used to model PM concentrations (to inform Phase 2), it is important that the first set of sites represent diverse land uses and potential air pollution sources. Environmental priorities related to air pollution will be identified and ranked by the CSC. Based on prioritization, researchers will compile spatial data on land uses, stationary air emissions, crematoriums, roadway proximity, railroads, solar plants, vehicle emissions, vehicle-related dust (e.g., off-roading), and ports. The CSC will also recruit expertise from the public health department to provide input on community vulnerability factors, and spatial data on demographic variables and health outcomes, such as asthma and emerging health risks were compiled as well.

Identification and prioritization of potential sites. In September 2024, residents from the priority communities will be recruited to participate in a 2 -day training process to identify and prioritize potential air monitoring sites in their communities. On the first day, participants will learn about air monitoring, uses of air quality data, and considerations for monitor siting. Participants will be grouped by community to (1) review maps of their community; (2) consider who in their community is most vulnerable to air pollution, where an air monitor would be most useful, and how the monitoring data might be used; and (3) create a list of potential air monitoring sites based on these considerations. Participants will not be limited in the number of sites they could identify, and consensus may not be required for a site to be considered a potential site.

The following day, the community participant groups will visit their respective candidate sites. With training from the previous day, groups will assess site characteristics (such as building height, security, likelihood of available Wi-Fi and AC power supply, and locations of nearby air pollution sources), take photos or videos of the site using a mobile device, and report this information on a custom-designed mobile web form (see Figure 2) modified from, CHEC's existing community environmental reporting website. Smartphones will be provided when needed, along with paper forms as back-ups. Each group will submit one mobile web form per site. Once all forms are completed, the participant groups will review their reports and select three priority monitor sites for their community.

Selection of Phase 1 monitoring sites. Of the 10 monitors to be deployed in Phase 1, one will be set aside for colocation with a state regulatory monitor (operated by DNREC) and another will collocate with a non-regulatory monitor to allow researchers to assess data quality of the CAMN instruments. Sites for the remaining 10 monitors will be selected by the project team from the entire list of potential sites and will be guided by two requirements. First, at least one monitor should be placed in each of the identified priority communities, with the larger communities of Kent and Sussex County receiving at least two monitors. This will ensure that each priority community would have community-specific data. Second, each of the PCA region types should be represented at least once in the final set of 10 monitors. This will ensure that monitoring data could be used to conduct a land use regression in Phase 2.

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Site recruitment. Recruitment of air monitoring sites will begin March 2025. Site-specific contact methods will be used, such as formal letters, introduction through a trusted intermediary, or a cold visit. Multiple meetings, sometimes with different individuals (e.g., business owners, schools, etc.), may be required for each site. A factsheet will be provided to each site describing the project, the air monitors, and the requirements and benefits of hosting a monitor. CHEC will then co-sign a form with each site representative that will confirm permission for CHEC staff to install a monitor at the location and, with reasonable notice, gain access to the monitor to perform maintenance and repairs. If a site declines participation, an alternate site will be contacted.

Deployment of Phase 1 monitors. The Quant AQ and, Purple Air commercially available monitors currently to be used for the project, will provide continuous PM monitoring and/or modifications deemed necessary by Southern Delaware community residents. The monitors will include a protective shelter, where necessary, that does not inhibit measurements. At the sites, monitors may be installed on porches, fences or the unobstructed sides of buildings, higher than 3 feet above the ground. Monitors will be connected to AC power and to the Internet via that site's own internet service or, with solar power as available. Data will be delivered via the Internet to John Hopkins University (JHU) servers.

Phase 2: Selection of Monitoring Sites Based on Data Analysis

Monitor calibration and field validation. To ensure data quality, each of the monitors will be calibrated and field validated against both PM2.5 and PM10 federal equivalent method (FEM) beta-attenuation monitors (BAMs) and federal reference method (FRM) gravimetric filters at a colocation site in the project area. The PurpleAir, and Quant AQ monitors are designed to make the most accurate measurements possible using low-cost sensor technology. We will rely on the calibration and Quality Assurance/Quality Control QA/QC of these sensors as delivered from the manufacture as a first level of QA/QC. Comparisons across monitors, and with regulatory measurements will also be performed periodically.

Spatial analysis of preliminary air quality data. To determine where Phase 2 monitors should be placed, a preliminary map of air pollution concentrations across the county will be utilized or developed by a spatial expert of one of our CSC partners, as needed.

Site selection and deployment of Phase 2 monitors. In May 2024, the project team and CSC members will examine the proposed Phase 2 monitor locations using results of surveys to identify potential monitor sites. A formal site selection process may or may not be used. CHEC and interested CSC community members may visit locations to identify and recruit monitoring sites, ideally within a two-mile buffer of the proposed location.

4.0 Programmatic Capability

A. Organizational Experience

As previously stated, Community Housing & Empowerment Connections Inc. (CHEC) was recently awarded an EPA grant and is currently meeting the reporting requirements under the federal cooperative agreements. Community Housing and Empowerment Connections Inc. (CHEC) is a community-based non-profit organization established in 2001 by a community resident turned environmental justice advocate. CHEC specializes in community organizing, advocacy, education and outreach. We are the constituency that we serve. We have a trained staff of volunteers and consultants who have years of experience working in low-income communities of color to address social and environmental justice issues in their neighborhood. CHEC, Inc. will provide oversight and coordination for this project. CHEC co-authored the *EJ for Delaware Report (2017)*; along with the Union of Concerned Scientists; led the development of several community coalitions that include: the Wilmington Prevention Coalition, the New Castle Prevention Coalition, Delaware Concerned Residents for EJ@CHEC and the Delaware Environmental Justice Community Partnerships. CHEC is currently the lead agency for the Community-led Air Monitoring Network for EJ communities in New Castle County, Delaware.

B. Staff Experience

Octavia Dryden, is founder and CEO of Community Housing & Empowerment Connections Inc. (CHEC, Inc.), the lead agency of this project. She has life experience along with more than thirty years of work experience leading community projects in the targeted communities. She served as Co-Principal Investigator with Delaware State University on a ACCEL -CTR sponsored Retreat on Toxic Pollution and Health Impacts. She was Community PI for a pilot Community Air Monitoring Network, in collaboration with Christiana Care Health Services.

Community EJ Specialists will be hired under contract to support project team and coordinate activities of the project to include: trainings, meetings, site, host and maintain monitors in selected communities.

Our partners at John Hopkins University and Clarity will assist the project team with quality assurance, measurement, software and data collection for the project.

C. Expenditure of Awarded Grant Funds

Community Housing and Empowerment Connections, Inc. strives to have the best possible internal controls and financial systems. The financial policies and procedures are created by the staff and approved by the Board of Directors to guide the work of staff and outsourced financial management.

The Board of Directors of CHEC, Inc. will annually appoint a Finance Committee who works under the Board Treasurer to ensure the appropriate preparation of an annual budget, appropriate handling and distribution of funds, and the appropriate preparation and presentation of regular financial statements. The Finance Committee directs, reviews, and presents the annual audit to the Board of Directors.

The Finance Committee oversees that CHEC, Inc. provides accurate, timely financial reports and information returns. The Finance Committee will regularly review financial statements, including a balance sheet and a comparison of actual financial activity to the approved budget. The staff will maintain a calendar of report deadlines and will advise the Board of Directors to ensure that all financial reports and information returns have been filed as required

5.0 Past Performances

Community Housing & Empowerment Connections Inc. (CHEC) was recently awarded the following grant under federal and/or non-federally funded assistance agreements:

Project Name: Community-led Engaged Air Monitoring Network in New Castle County, Delaware

U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA)
Enhanced Air Quality Monitoring for Communities
RFA NUMBER: EPA-0AR-OAQPS-22-01

6.0 Quality Assurance Project Plan (QAPP) Information

The proposed project has been designed to make the most accurate measurements possible using low-cost sensor technology. Particulate Matter measurements and corrections have been documented in the research literature and described in detail (Hagan and Kroll, 2020). For low-cost electrochemical sensors designed to measure gas-phase species, best practices for calibration of those sensors are described in (Hagan et al. 2018) and (Cross et al. 2017). We will rely on the calibration and Quality Assurance/Quality Control QA/QC of these sensors as delivered from the manufacture as a first level of QA/QC. Comparisons across monitors, and with regulatory measurements will also be performed periodically. Our partner with Peter DeCarlo PhD, associate professor and the research team at John Hopkins University will serve in advisory capacity on the project to ensure that the results of the work performed will satisfy the stated performance and/or acceptance criteria. Additionally, Clarity a team of air quality experts will assist the project with measurement, software and data collection. Together as a team we will develop a QAPP on the project.

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EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Mrs. First Name: Judith Middle Name: A.
Last Name: Bannon Suffix:

Title: Chief Executive Officer

Complete Address:

Street1: 5450 Second Avenue
Street2:
City: Pittsburgh State: PA: Pennsylvania
Zip / Postal Code: 15207 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) x **Fax Number:**

E-mail Address: jbannon@cribsforkids.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: Mrs. First Name: Nicole Middle Name:
Last Name: Smith Suffix:

Title: Chief Financial Officer

Complete Address:

Street1: 5450 Second Avenue
Street2:
City: Pittsburgh State: PA: Pennsylvania
Zip / Postal Code: 15207 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) x **Fax Number:**

E-mail Address: nsmith@cribsforkids.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: Ms. First Name: Shayla Middle Name:
Last Name: Grady Suffix:

Title: Coordinator

Complete Address:

Street1: 5450 Second Avenue
Street2:
City: Pittsburgh State: PA: Pennsylvania
Zip / Postal Code: 15207 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) x **Fax Number:**

E-mail Address: sgrady@cribsforkids.org

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** Mrs. **First Name:** Bridget **Middle Name:**

Last Name: Gaussa **Suffix:**

Title: Chief Operations Officer

Complete Address:

Street1: 5450 Second Avenue

Street2:

City: Pittsburgh **State:** PA: Pennsylvania

Zip / Postal Code: 15207 **Country:** USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) x [redacted] **Fax Number:**

E-mail Address: bgaussa@cribsforkids.org

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/13/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Cribs for Kids, Inc.

* b. Employer/Taxpayer Identification Number (EIN/TIN): 25-1442806

* c. UEI: UDNCWGQECYG8

d. Address:

* Street1: 5450 Second Avenue
Street2:
* City: Pittsburgh
County/Parish: Allegheny County
* State: PA: Pennsylvania
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 15207-1859

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Ms.
* First Name: Bridget
Middle Name:
* Last Name: Gaussa
Suffix:

Title: Chief Operations Officer

Organizational Affiliation: Cribs for Kids

* Telephone Number: Ex. 6 - Personal Privacy (PP) x
Fax Number:

* Email: bgaussa@cribsforkids.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Happy, Healthy, Lead Free Me! Lead Poisoning Prevention Education and Outreach Targeting Rural Communities Through Early Care and Education Workforce

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: PA-018 * b. Program/Project: US-All

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 * b. End Date: 10/31/2026

18. Estimated Funding ($):

* a. Federal	500,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	500,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Mrs. * First Name: Judith

Middle Name: A.

* Last Name: Bannon

Suffix:

* Title: Chief Executive Officer

* Telephone Number: Ex. 6 - Personal Privacy (PP) x Fax Number:

* Email: jbannon@cribsforkids.org

* Signature of Authorized Representative: Judith A Bannon * Date Signed: 04/13/2023

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Happy, Healthy, Lead-Free Me

Application
New
2023-04-13
Cribs for Kids, Inc.
25-1442806
UDNCWGQECYG8
5450 Second Avenue
Pittsburgh
Allegheny County
PA: Pennsylvania
15207-1859
USA: UNITED STATES

Ms.
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M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
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Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Happy, Healthy, Lead Free Me! Lead Poisoning Prevention Education and Outreach Targeting Rural Communities Through Early Care and Education Workforce
PA-018

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Y: Yes
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N: No
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Bridget Gaussa, COO, 5450 2nd Avenue, Pittsburgh, PA 15221 | bgaussa@cribsforkids.org | Ex. 6 Personal Privacy (PP)
Ex. 6 Personal Privacy (PP)
Cribs for Kids Employee Handbook, pg 11, 5.3.
https://cribsforkids.org/wp-content/uploads/Cribs-for-Kids-Employee-Handbook-202288.pdf
Judith A Bannon

Chief Executive Officer
2023-04-13

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Total is for supplies and personnel.
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1235-C4K EPA EJ Grant Application.pdf
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U.S. Environmental Protection Agency

Office of Environmental Justice and External Civil Rights (OEJECR)

Environmental Justice Collaborative Problem Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

CFDA: 66.306

Submitted by
Cribs for Kids, LLC - Non-Profit # 25-1442806
5450 Second Avenue, Pittsburgh, PA 15207
Tel: Ex. 6 Personal Privacy (PP) Email: info@cribsforkids.org

Prepared by:
Judith Bannon, Chief Executive Officer
Bridget Gaussa, Project Manager

Mandatory Documents

Application for Federal Assistance (SF-424)
Budget Information for Non-Construction Programs (SF-424A)
EPA Form 4700-4 Pre-award Compliance Review Report
EPA Key Contacts Form (5700-54)
Project Narrative Attachment Form (Work Plan)

Other Documents Submitted

Itemized Project Budget Sheet
Environmental Results/Project Logic Model
Letters of Commitment from Partners (5)
Resumes of Project Manager and Key Personnel
Proof of Non-Profit Status

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Section 1.0 Program Objectives

Section 1a: Project Summary Page

Title: Happy, Healthy, Lead-Free Me!

Project Location: Nationwide, with select outputs targeting rural communities.

Applicant Information:

Cribs for Kids, Inc. Non-Profit # 25-1442806
5450 Second Avenue, Pittsburgh, PA 15207
Tel: Ex. 6 Personal Privacy (PP) Email: info@cribsforkids.org

Brief Description of Organization (100 words or less)

Cribs for Kids is a national, non-profit organization, dedicated to the health of young children. For over 25 years, Cribs for Kids has provided safe sleep equipment and caregiver education to those living in historically disadvantaged communities. With a network of over 1,800 partners nationwide, a fulfillment facility, and an online training platform, Cribs for Kids has demonstrated its ability to disseminate children's preventative health education and safety equipment. In July 2022, Cribs for Kids entered a partnership with NH Division of Public Health Services (DPHS) to distribute and promote the recently released children's board book, *Happy, Healthy, Lead-Free Me!*

Are you applying for Small CBO Set Aside Track: NO

Project Abstract

Through a collaborative effort between Cribs for Kids (CBO) and five, committed partners, this project provides public education and training on the negative impact of childhood lead exposure, prevention strategies, and the importance of pediatric blood lead level testing. Priority is placed on strengthening education efforts in environmental justice communities and underserved rural areas. With partnerships and engagement with community-based organizations nationwide, the project will address the lead exposure prevention knowledge gap among families with young children, through the promotion and donation of the recently released *Happy, Healthy, Lead-Free Me!* children's board book and the development of an online training course for the early care and education workforce.

Project Types: Public Lead Exposure Prevention Education and Training

Special Considerations: Rural Areas

Environmental Considerations: Childhood Lead Exposure Prevention Education

List of Partners:

Pediatric Environmental Health Specialty Unit Region 1/Boston Children's Hospital (PEHSU)
NH Chapter of the American Academy of Pediatrics (NHAAP)
Center for Advancing Rural Health Equity at Dartmouth Health (CARHE)
NH Division of Public Health Services (NHDPHS), *Healthy Homes and Lead Poisoning Prevention Program*
National Coalition of On Campus Child Care Centers (N4C)

Will you need to develop a QAPP for your project: NO

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Section 1: Background: The Story of the Development of *Happy, Healthy, Lead-Free Me!*
(Background text provided by NH Division of Public Health Services (NHDPHS) with contributions from NH Chapter of American Academy of Pediatrics (NHAAP) and Region 1 Pediatric Environmental Health Specialty Unit at Boston Children's Hospital (PEHSU-1) All three are committed project partners.)

Opportunities for lead exposure are plentiful in many children's environments. Most parents are not engaged in lead poisoning prevention materials until *after* their children are exposed. Research has demonstrated that children's literature can be an effective educational vehicle for 'anticipatory guidance' for the adult reader due to the emotional engagement when reading, its use of simple language, and the potential for repeated readings. (Hutton 2017)

The Environmental Protection Agency had identified education as an important intervention to reduce and prevent childhood lead exposure. A children's board book on lead poisoning prevention and the importance of pediatric blood lead level testing, distributed to families *before* their children are exposed, would be a valuable primary prevention tool. However, after completing an extensive search and review of children's literature in 2019, NH Division of Public Health Services (NH DPHS) was unable to locate a children's board book with lead exposure prevention messaging. They identified that none existed.

The program's Health Communications Specialist Gail Gettens, MS and Environmental Team Lead Knatalie Vetter spearheaded the development of a children's board book, *Happy, Healthy, Lead-Free Me!* with clinical support provided by the NH Chapter of the American Academy of Pediatrics (NHAAP) and the Region 1 Pediatric Environmental Health Specialty Unit (PEHSU) at Boston Children's Hospital, with funding from CDC and EPA cooperative agreements.

The plans for the book included engaging illustrations with diverse characters, rhyming children's text, along with using the *Simple Steps* approach to parent education 'subtitles' to appear on each page, to be available in multiple additional languages. Professional illustrator Allison Valentine designed page layouts and illustrated the board book. A clinical and technical review involving many internal and external partners was completed. Beta-editions, printed in English and Spanish, were distributed to over 90 families, to read to their children and provide feedback. Revisions were made based on the review process and a final draft was completed.

The book has been translated into multiple additional languages including Chuukese, Dari, Nepali, Portuguese, Somali, Spanish, and Swahili. An associated webpage, www.leadfree.me, which can be accessed by a QR code on the book's jacket, was branded with book artwork and using the same Simple Steps approach to messaging, provides additional information and resources for families on lead exposure prevention. A Creative Commons license was placed on the book restricting commercial use to ensure its availability, affordability, and its use as a

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children's health outreach and education resource. A US board book printer using certified lead-free inks and with a production facility in Amherst, NY, was selected.

The inaugural printed editions of *Happy, Healthy, Lead-Free!* shipped from Pint Size Production in December 2022. National positive interest and demand were immediate – both affirming and overwhelming. It quickly became apparent that a national, non-profit partner with both a children's health mission and a proven ability to manage inventory, and fulfillment logistics was needed -- *and quickly*. When book development partners, NHDPHS, NHAAP, and PEHSU-1 first connected in June 2022, with Cribs for Kids, a non-profit organization dedicated health and safety of young children, together we knew the perfect collaborative partner to both take on and take care of, *Happy, Healthy, Lead-Free!* had been found.

Section 1b. Environmental and Public Health Information

Childhood Lead Exposure in the US: Pediatric Environmental Public Health Epidemic

Despite considerable progress in reducing lead exposure through Federal actions removing lead from paint and gasoline, childhood lead exposure, as identified by elevated blood lead levels, continues to be a significant pediatric environmental health issue across the United States.[1] (View Figure 1- Map) Approximately 590,000 US children ages 1 through 5 years had elevated blood lead levels of 3.5 µg/dL, or greater, in 2016.[2]

Childhood lead exposure and disparities are widespread in the United States. While children in all areas of the United States are at risk of lead exposure, research studies highlight the environmental justice disparities among lead-exposed children.[1,2,3,4,5,6,7,8] Children of color, children living in poverty, with public health insurance, and living in older housing, are at greater adverse risk for lead exposure. (View Figure 2 Housing, Poverty, Race Disparities of childhood lead exposure.) The irreversible negative impact of childhood lead exposure only serves to amplify and entrench environmental justice and health disparities. [6, 9]

Children are exposed to lead in their own homes. Deteriorating lead-based paint and lead dust in pre-1978 housing is the most significant source of lead exposure in the US.[10,11] Findings on lead-based paint/hazards from the American Healthy Homes Survey II (2019), as presented by the US Department of Health and Human Services, indicate that 29.4% or 34.6 million US housing units have lead paint and that 15.4% or 18.2 million have significantly deteriorated lead paint.[12] (View Figures 3 and 4 US Housing with Lead Paint) In 2019, 4.3 million children resided in homes with lead paint.[2] Common renovation activities like sanding, cutting, and demolition in older housing can also create hazardous lead dust. The amount of lead dust that can harm a child is so tiny, it is not visible on hands, toys, pacifiers, floors, and other surfaces. Very young children can swallow lead dust during routine daily activities such as eating, crawling, playing, and normal hand-to-mouth activities. [10]

Lead is a dangerous toxin that harms nearly every part of a child's body, especially the brain. There is no safe level of lead exposure for young children. Lead exposure can cause well-

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documented adverse effects that impair academic performance and cause significant behavior challenges.[13,14,15,16,17] The effects that even low-level lead exposure has on the brain's learning systems often referred to as lead's 'Neurobehavioral Signature" – include a significant negative impact on cognitive ability, speech and language, hearing, visual-spatial skills, attention, impulse control, social behaviors, emotional regulation, and motor skills.[18] Children with lead exposure cannot avoid the negative impact. There are no treatments that can reverse the potentially devastating effects of childhood lead exposure. Once a child's health or cognition has been harmed by lead, the effects are irreversible and continue into adulthood.[16,17,18]

Families with young children across the US, living in both urban and rural areas, are frequently uninformed about the negative impact of lead exposure on children's health and development, common sources of lead exposure that may exist in their children's environment, and the importance of pediatric lead level testing. [19, 20, 21] Most families do not engage in childhood lead exposure and prevention education materials until *after* their children are exposed. This knowledge gap in understanding the impact of childhood lead exposure, prevention strategies, and the importance of testing, especially among families with young children living in high-risk, environmental justice communities and rural, underserved areas, serves to increase the number of children identified with elevated blood lead levels in these areas and amplify existing health disparities.

This project seeks to address and reduce the existing prevention education knowledge gap among families with young children in overburdened and underserved communities, with the goal of reducing childhood lead exposure. The planned, core activities of this project provide anticipatory guidance on lead exposure prevention and the importance of lead level testing to families with children, using a proven prevention messaging approach, delivered to families through *trusted* messengers – their children's pediatric healthcare providers and early care and education providers. Section 1b. References

Section 1c. Organization's Historical Connection to Underserved Community

For over 25 years, the mission of Cribs for Kids has been to prevent sudden infant death, which disproportionately affects underserved populations. Cribs for Kids' successful approach was to educate caregivers on infant health and safety and provide cribs for households in need. Since its inception, Cribs for Kids has expanded its partner network across the United States to include over 1800 partner organizations that replicate the Cribs for Kids education model. Partners, such as Louisiana Healthcare Connections and their mission to reduce health disparities and create health equity for Medicaid recipients in the state of Louisiana, benefit from Cribs for Kids' ability to directly supply members with products and resources that ensure infant safety in every home.

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Section 1d. EJCP Model

The proposed project will undertake all seven (7) elements of the EJCPS model. **Elements 1 – 4** of the EJCPS model have already been successfully accomplished during the planning process for this project application. Cribs for Kids, in collaboration with the project's committed partners, has facilitated issue identification, output and outcome goals, and implementation timelines. (See Logic Model and Work Plan.) Planning work with partner organizations has identified leadership roles and responsibilities in completing mutually agreed-upon outputs and associated key activities. This application includes five (5) Letters of Commitment from partners detailing the resources and networks to be leveraged for the timely and successful completion of outputs. Constructive engagement of partners, **Element 5,** has begun – many having been actively collaborating for many months, and will only increase if the proposal is funded. (See above Background Section pg. 2) This application identifies a skilled and experienced Project Manager, and includes both a Performance Measurement Plan, and a Work Plan/Milestone Schedule (pages 14-16) with partner responsibilities, timeframes for implementation, and finish dates of major activities. These components will support the successful undertaking of **Elements 6 and 7**.

Section 1e. Project Linkages The proposed outputs and expected outcomes outlined in this project application and milestone schedule support both the EPA Goal 2 (advancing environmental justice and civil rights) and Objective 2.1 (building community capacity to maximize benefits to overburdened and rural underserved communities). This project provides nationwide public education and training on childhood lead exposure, prevention strategies, and the importance of pediatric blood lead level testing, prioritizing overburdened environmental justice communities and rural underserved areas. (See above Section B: Environmental and Public Health Information) A collaboration of diverse, community-based partners with a proven history of supporting the health and development of children are committed to ensuring the successful completion of project outputs and outcomes that align with and support EPA's environmental justice goals and objectives. (See below Section F: Partner and Collaborate)

Section 1f. Partner and Collaborate This project application includes letters of commitment from five (5) partner organizations from multiple stakeholder groups including government, pediatric healthcare providers and their professional organizations, a pediatric environmental health specialty unit, early care and education leaders, and programs located on campuses of academic institutions, and those advancing rural and population health equity. These letters detail the roles, resources, subject matter expertise, clinical and technical assistance, and networks each partner is contributing to ensure the successful completion of project outputs and outcomes. The project's Work Plan/Milestone Schedule (pages 14-16) details each partner's assigned responsibilities in completing key activities and final outputs. Many of the partners have been actively collaborating for close to a year. (See above Background Section pg. 2) All committed partners have already been collaborating to plan key activities and develop the project's Work Plan/Milestone Schedule. A collaborative and committed investment in the

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successful completion and sustainability of project outputs and outcomes has been established. This proposal's five (5) partners are:

- NH Division of Public Health Services - Healthy Homes and Lead Poisoning Prevention Program (DPHS) Read Letter of Commitment. ***Key points***: developed *Happy, Healthy, Lead-Free Me!,* and state-level online training for the early care and education workforce that will serve as a model for the project. Technical and subject matter expertise, national networks including state offices of rural health, education presentations, participate in progress and performance measure review and meetings. Located in a state with large rural, underserved areas.
- Pediatric Environmental Health Specialty Unit Region 1/Boston Children's Hospital (PEHSU) *(subaward)* Read Letter of Commitment. ***Key points***: *original partner in developing* Happy, Healthy, Lead-Free Me!. Academic teaching hospital and CDC-funded environmental health specialty clinic. Subject matter expertise and clinical review. Wide-reaching national clinical and public health networks. GPS data and mapping for target outreach to EJ and underserved regions. Education presentations and active promotion of board book as an effective clinical adjunct. Participate in progress and performance measure review and meetings.
- NH Chapter of the American Academy of Pediatrics (NHAAP) Read Letter of Commitment ***Key points***: *original partner in developing Happy, Healthy, Lead-Free Me!.* Subject matter expertise and clinical review. National networks including the American Academy of Pediatrics and rural health centers. Pediatrics. Invested in promoting the widespread use of board books by pediatricians as an evidence-based, effective clinical adjunct that engages both child and family. Participate in progress and performance measure review and meetings.
- Center for Advancing Rural Health Equity at Dartmouth Health (CARHE) Read Letter of Commitment. ***Key points***: Part of an academic teaching hospital fully located in an underserved, rural area (one of only two in the US), dedicated to addressing complex rural health disparities. Innovations in population health. Wide-reaching national clinical, academic, and rural health networks.
- National Coalition of On-Campus Child Care Centers (N4C) *(subaward)* Read Letter of Commitment. ***Key points***: Non-profit leadership organization of child care programs located on campuses of institutions of higher education across the US – providing child care services, child development research, early care and education training for students, and workforce development. Diverse, widespread networks. Training module technical review and beta-testing.
- Actively engaged with families with young children across the US. Participate in progress and performance measures.

This project proposal includes two planned subawards to support activities of partnering community-based organizations. Subawards are included in the project budget for NC4 and PEHSU. These subawards are detailed in the 'Other' section of the attached proposal budget and comply with EPA Subaward Policy subawards under 2 CFR 200.330, 200.331, and 200.332. There are no Participant Support Costs included in the proposal. EPA Subaward Policy guidance and Appendix D Subaward Agreement Template will be used in developing partner subaward agreements to ensure all applicable requirements of 2 CFR 200.330, 200.331, and 200.332. 2 are fully met.

Section 2a: Project Activities and Work Plan/Milestone Schedule

Section 2a. Project Objectives and Activities

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Objective 1: Strengthen Partnerships and Engage Organizations in Lead Exposure Prevention

Output 1 (page 14): Increase public and partner organization awareness of the recently released children's board book *Happy, Healthy, Lead-Free Me!* as an innovative and engaging anticipatory guidance resource for families with young children on childhood lead exposure prevention and the importance of pediatric blood lead level testing, with targeted outreach to healthcare and family support organizations serving environmental justice communities and rural areas.

• **Develop Engagement Materials for *Happy, Healthy, Lead-Free Me!*** *(Work Plan Activity 1.1)*
Develop social media tool kit with sample posts and graphics on board book's content, release, availability, and additional languages. Make a media toolkit available to all committed project partners for dissemination through their networks and channels. Create information postcards on the book's content, release, availability, and additional languages.

• **Establish Partnerships by Disseminating *Happy, Healthy, Lead-Free Me!* Sample Books and Engagement Materials** *(Work Plan Activity 1.2)*
A sample *Happy, Healthy, Lead-Free Me!* book along and engagement materials will be distributed to 3000 organizations, including, state rural health associations, state offices of rural health, state and regional chapters of the American Academy of Pediatrics, Pediatric Environmental Health Specialty Units, members of the National Association of Rural Health Clinics, lead hazard control programs, National Association of On-Campus Child Care Programs, childhood lead poisoning prevention programs, and Crib for Kids partners. Project partners will promote the availability of complimentary sample print editions through electronic request URL at their continuing medical education (CME) and professional development events.

• **Exhibit at National Children's Health Conference** *(Work Plan Activity 1.3)*
Attend national children's health conference to provide wide-reaching education and outreach to attendees providing services in environmental justice communities and rural, underserved areas, on release, available, and donation program of *Happy, Healthy, Lead-Free Me!* board book.

• **Facilitate Presentations on *Happy, Healthy, Lead-Free Me!*** *(Work Plan Activity 1.4)*
Facilitate educational presentations on the development and availability of the *Happy, Healthy, Lead-Free Me!* board books for pediatric healthcare providers, public health professionals, lead hazard control programs, and family support organizations to engage additional community-based organizations. Educational sessions will introduce the book's innovative approach to outreach using children's literature to provide anticipatory guidance to families with young children about lead exposure prevention and the importance of pediatric blood lead level testing.

Objective 2: Develop and Implement Book Donation Program for Rural, Underserved Communities

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Output 2 (page 15): Develop and implement a book donation program targeting rural health centers and family support programs serving rural, underserved communities to ensure new childhood lead exposure anticipatory guidance resource, *Happy, Healthy, Lead-Free Me!* board books are accessible and available to families with young children living in rural, underserved areas.

• **Establish a Book Donation Program** (*Work Plan Activity 2.1)*
Cribs for Kids (COB) will facilitate a work group of committed partners and technical experts to develop and implement the book donation program. The workgroup will create donation program guidance, the application process, and selection criteria for donations to rural area service providers, along with necessary program forms and documentation.

• **Develop Engagement Materials for Book Donation Program (***Work Plan Activity 2.2)*
A media release, a social media tool kit with graphics and sample posts, and website content with information on the book donation program will be developed. Project partners will disseminate engagement materials through their networks and platforms. Information on the book donation program will be shared at exhibits at national conferences.

• **Post Information about Donation Program Online (***Work Plan Activity 2.3)*
Post information about the donation program, application, how to apply, eligibility requirements, and selection process on Cribs for Kids (CBO) website. Partners will post links on their websites.

• **Identify and Engage Potential Applicants from Rural Areas.** *(Work Plan Activity 2.4)*
Work with partner organizations to identify and engage potential applicants.
Donate 45,000 Happy, *Healthy, Lead-Free Me!* board books during a three-year project period.

• **Establish Book Donation Inventory and Fulfillment System** *(Work Plan Activity 2.5)*
Cribs for Kids will create and manage an inventory and fulfillment logistic system to ensure the immediate availability of *Happy, Healthy, Lead-Free Me!* board books for shipping to donation recipients in rural, underserved areas.

Objective 3: Strengthen Partner's Abilities to Engage with Their Communities and Provide Lead Exposure Prevention

Output 3 (page 16): A free, online training module on childhood lead exposure prevention for early care and education workforce. A state-level, state-specific training module developed with several CDC cooperative grants will serve as a model for the training for a national audience, to be developed by this project. The training module content to include common sources of childhood lead exposure, the negative impact of lead exposure on children's development, prevention strategies, early educational interventions that can improve the outcomes for infants, toddlers, and preschool children impacted by lead exposure, and importance of having pediatric blood

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lead level testing completed and documented on children's health assessment forms. The training module will be available at no cost and will include downloadable resources, including the EPA's Renovate Right booklet, the EPA's Protect Your Family from Lead in the Home booklet, and the US Office of Special Education Program's Topical Issue Brief Intervention IDEAs for Infants, Children, and Youth Impacted by Lead Exposure Idea Brief

• **Develop learning objectives and content for the online training module.** (*Work Plan Activity 3.1)* Cribs for Kids (CBO) will facilitate a work group to include partners and their subject matter experts to develop the training module's learning objectives and create content for a national audience.

• **Complete necessary IT build for online availability.** *(Work Plan Activity 3.2)*
Build an IT structure to the host training module on Cribs for Kids online education platform, to include a certificate of completion upon successfully finishing the course and knowledge assessment, appropriate to meet state childcare regulatory requirements for documenting professional development hours.

• **Plan and implement review by both subject matter experts and early care and education workforce training and development experts.** *(Work Plan Activity3.3)*
Plan and implement technical reviews by diverse subject matter experts. Collect, aggregate, and evaluate feedback to determine and complete appropriate and needed revisions.

• **Beta-test with early care and education workforce.** *(Work Plan Activity 3.4)*
Plan and implement a beta-testing process with diverse members of the early care and education workforce. Collect, aggregate, and evaluate feedback to determine and complete appropriate and needed revisions.

• **Launch training module and disseminate information on availability.** *(Work Plan Activity 3.5)* Make 'live' completed online training module. Disseminate information on its availability through partner organization networks. Prepare quarterly training completion analytics.

Section 2b. Work Plan/Milestone Schedule (pages 14-16)
Section 2c. Itemized Budget Sheet (submitted as 'Other Attachment')

3.0 Environmental Results
Section 3a. Project Logic Model (submitted as 'Other Attachment')
Section 3b. Performance Measurement Plan - (view here)
The project's Performance Measurement Plan outlines how project progress and outputs will be monitored throughout the three-year project period. The project's Logic Model, Performance Measurement Plan and Work Plan/Milestone Schedule were developed to ensure key activities and short-term outputs, in support of expected results, are completed within specified timeframes. The project's Milestone Schedule details outputs, performance measures and

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implementation dates, responsible committed partner, and completion date. Progress on performance measures will be reported within the Milestone Schedule on the schedule outlined in this plan. Project Manager, key personnel, and committed partners are required to attend annual performance measure review meetings, to be held each year for the duration of the project, to assist with monitoring project outputs.

Section c. Sustainability Plan and Community Vision

Currently, Cribs for Kids works to address the issue of sudden infant death, which disproportionately affects underserved communities. Cribs for Kids offers a variety of free programs, educating caregivers on infant health and safety in communities across the United States. These free programs are sustained through the sale of infant safety products at reduced rates. This *Happy, Healthy, Lead-Free Me!* project will fit seamlessly into Cribs for Kids *Safe and Healthy Homes* programming. Cribs for Kids has an established network of partner organizations nationwide that replicate our programs to fit their community needs. For this project, Cribs for Kids has identified multiple community stakeholders, such as pediatric healthcare organizations and early childhood educators, with a mutual goal of knowledge gap reduction surrounding lead exposure risk, a plight that inordinately afflicts underserved communities. Due to the accessibility of Cribs for Kids programming, communities can sustain the momentum of the project through continued education on lead exposure risk reduction. Cribs for Kids will maintain its collaboration with partners to spread consistent messaging for their community members to address lead exposure and remediation practices.

4.0 Programmatic Capability

Section 4a. Organizational Experience

For over 25 years Cribs for Kids has been dedicated to, and successful in, supporting the health and safety of young children and their families living in overburdened and underserved communities. Our mission, partners, organizational infrastructure, educational platforms, facilities, and demonstrated ability to 'get the job done' should inspire confidence in review committee members in our capabilities to successfully complete the key activities, outputs, and expected outcomes outlined in this project proposal.

Cribs for Kids has successfully developed an infrastructure that promotes mutually beneficial community relationships. By becoming partners, organizations gain access to our infant safety online training programs, educational resources, and our online store with discounted pricing on infant safety and related products. From our 15,000-square-foot inventory and fulfillment center, these products are shipped to partners and their community members across the nation. The sales from these products help to fund Cribs for Kids educational platform and flexible learning systems that partners can use to conveniently replicate and differentiate education material to fit their community needs.

View Cribs for Kids' Our Story video here.

View Welcome to Cribs for Kids Headquarters video here.

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Section 4b. Staff Experience/Qualifications of Project Manager

The project manager for this program is Bridget Gaussa, the Chief Operations Officer for Cribs for Kids. Employed by Cribs for Kids since 2016, Gaussa maintains a passion for and understanding of the built environment; accompanied by a career expanding over several industries including commercial real estate, construction, healthcare, environmental sustainability, warehouse, and retail operations. At Cribs for Kids, Gaussa oversees the day-to-day operations of the organization and resource distribution programs.

Cribs for Kids Director of Development, Andrea Wilson was essential to building Cribs for Kids online training platform. The training platform will serve as the foundation for and will house, the online education portion of the project. The fulfillment needs of this project will be integrated into Cribs for Kids' successful inventory and shipping logistics operation. The warehouse staff currently distributes all infant health and safety engagement materials, safe sleep board books, and equipment.

Section 4c. Expenditure of Awarded Grant Funds

Cribs for Kids maintains its financially secure status through the implementation of systemic checks and balances. Nicole Smith, Chief Financial Officer, collaborates with the Board of Directors Finance Committee to submit quarterly financial reports for Board review and approval. Additionally, the accuracy of financial records is assured by annual financial auditing completed by Herbein Associates, CPAs, and Advisors. View Cribs for Kids Completed Administrative Capacity Questionnaire.

5.0 Past Performance

The Cribs for Kids program was built on support from and partnerships with community organizations, along with generous early donations and development activities. In recent years, because of our successful program model and our historic funders, many of our programs have become financially self-sustaining through our crib distribution program. Historically, Cribs for Kids has explored new funding opportunities and partnerships to launch additional programs to support the health and safety of children in underserved and overburdened communities.

Most recently the Jefferson Regional Foundation generously funded the Cribs for Kids At Home Program. In 2020, when our partners were not able to provide in-person safe sleep education and safe sleeping environments to families as a reward for attending their safe sleep classes, we launched the At Home Program. The program incorporated health and safety training and Cribettes shipped directly to the homes of caregivers in need. This program is now self-sustaining with several of our partners routinely still using the program to benefit families in overburdened and rural communities. During the grant period, the Jefferson Foundation required two reports: an interim progress report and a final report. These reports were submitted on time and detailed our successful completion of all outputs – providing over $45,000 worth of cribs

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and anticipatory child health and safety messaging to families in need living in disadvantaged communities. The reports were accepted and met all requirements for the Jefferson Regional Foundation review team.

6.0 Quality Assurance Project Plan (OAPP) Information

Not applicable to this project.

7.0 Other Attachments Submitted

1. Project Budget
2. Environmental Results/Logic Model
3. Letters of Commitment from Partners (5)
4. Resumes of Project Manager and Key Personnel

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Output 1: Increase Public and Partner Organization Awareness of *Happy, Healthy, Lead-Free Me!* Board Book			
Activities	**Performance Measures and Implementation Dates**	**CBO and Partner**	**Finish Date**
1.1 Develop social media tool kit with information and graphics on board book's content, release, and availability. Make media toolkit available to all committed project partners for dissemination through their networks and channels.	Social media kit developed and made available to partners. 11/1/2023 - 4/1/2024	C4K (CBO) All Partners	4/1/2024
1.2 Build partnerships by distributing *Happy, Healthy, Lead-Free Me!* sample books and engagement materials to 3000 identified organizations.	3000 sample books and engagement materials distributed 11/1/2023 - 11/1/25	C4K (CBO) PEHSU-1 All Partners	11/1/2025
1.3 Exhibit at national conference targeting children's health disparities in overburdened, underserved areas.	Exhibit at national conference. 5/1/2024 - 12/1/2024	C4K (CBO)	12/1/2024
1.4 Facilitate twelve (12) education sessions on the development and availability of the *Happy, Healthy, Lead-Free Me!*	Twelve (12) education sessions completed. Four (4) sessions per year over 3 yr. project 1/1/2024 - 6/1/2026	C4K (CBO) NH DPHS All Partners	9/1/2026

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Output 2: Develop and Implement Book Donation Program Targeting Rural, Underserved Areas			
Activities	**Performance Measures and Implementation Dates**	**CBO and Partner**	**Finish Date**
2.1 Develop and implement book donation program targeting healthcare and family support service providers in rural, underserved communities. Develop application process and selection criteria. Complete program documentation.	Book donation program established. 1/1/2024 - 6/1/2024 45,000 board books donated. 6/1/2024 - 9/1/2026	C4K (CBO) CARHE NH AAP All Partners	6/1/2024
2.2 Develop engagement materials to promote availability of book donation program to include media release and social media tool kit. Distributed to partners for networks dissemination.	Engagement materials and dissemination completed. 1/1/2024 - 5/1/2024	C4K (CBO) All Partners	5/1/2024
2.3 Post information about donation program, application, how to apply, eligibility requirements and selection process on C4K (CBO) website. Partners post links on their websites.	Information Posted 1/1/2024 - 5/1/2024	C4K (CBO) All Partners	5/1/2023
2.4 Identify and engage potential applicants from rural, underserved areas. Donate 45,000 Happy, *Healthy, Lead-Free Me!* board books during project period.	45,000 board books donated. 6/1/2024 - 9/1/2026	C4K (CBO) CARHE All Partners	9/1/2026
2.5 Create inventory management and storage system for book donation program. Coordinate fulfillment logistics and shipment of books to donation recipients in rural areas.	Inventory and storage system established. Preparations complete to begin shipping books to donation recipients at program launch.	C4K (CBO)	5/1/2024

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Output 3: Develop Online Training Module for Early Care and Education Workforce			
Activities	**Performance Measures and Implementation Dates**	**CBO and Partner**	**Finish Date**
3.1 Develop content for interactive, narrated, training module, to include video content and downloadable resources with partner organizations and subject matter experts.	Draft training module completed. 2/1/2024 - 9/1/2024	C4K (CBO) NC4 NHDPHS	9/1/2024
3.2 Complete necessary IT build to host, no cost, training module on Cribs for Kids education resource platform to include a certificate of completion upon successfully finishing the module and knowledge assessment.	IT build complete. Training module available on education resource platform. 3/1/2024 - 6/1/2024	C4K (CBO)	6/1/2024
3.3 Plan and implement review by both subject matter experts and early care and education workforce training and development experts. Collect, aggregate and evaluate feedback to complete appropriate revisions.	Technical review completed. Revisions completed. 9/01/2024-12/1/2024	C4K (CBO) NC4 NHDPHS	12/1/2024
3.4 Beta-test training module with diverse members of early care and education workforce nationwide. Collect, aggregate and evaluate feedback to complete appropriate revisions.	Beta-testing completed. Revisions completed. 1/1/2025 - 4/1/2025	C4K (CBO) NC4	4/1/2025
3.5 Launch online training module. Disseminate information on availability. Monitor and prepare training completion analytics.	Online training module launched - 5/1/2025 Information disseminated. Completion analytics prepared. 5/1/2025 - 9/1/2026	C4K (CBO) All Partners	5/1/2025 9/1/2026

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OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Environmental and Social Justice Associates

Address: Ex. 6 Personal Privacy (PP)

City: Lake Leelanau

State: MI: Michigan Zip Code: 49653

B. Unique Entity Identifier (UEI): UTTJELX84US9

C. Applicant/Recipient Point of Contact

Name: Eileen C O'Rourke

Phone: Ex. 6 Personal Privacy (PP)

Email: Ex. 6 Personal Privacy (PP)

Title: President and Executive Director

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

NA

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

NA

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

NA

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Eileen C ORourke	President and Executive Director	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

IRS Department of the Treasury
Internal Revenue Service
P.O. Box 2508, Room 4010
Cincinnati OH 45201

In reply refer to: 4077550279
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CRIBS FOR KIDS
810 RIVER AVE STE 250
PITTSBURGH PA 15212-5919

015098

Employer Identification Number: 25-1442806
Person to Contact: Sophia Brown
Toll Free Telephone Number: Ex. 6 - Personal Privacy (PP)

Dear Taxpayer:

This is in response to your Sep. 18, 2012, request for information regarding your tax-exempt status.

Our records indicate that you were recognized as exempt under section 501(c)(3) of the Internal Revenue Code in a determination letter issued in August 1994.

Our records also indicate that you are not a private foundation within the meaning of section 509(a) of the Code because you are described in section(s) 509(a)(1) and 170(b)(1)(A)(vi).

Donors may deduct contributions to you as provided in section 170 of the Code. Bequests, legacies, devises, transfers, or gifts to you or for your use are deductible for Federal estate and gift tax purposes if they meet the applicable provisions of sections 2055, 2106, and 2522 of the Code.

Please refer to our website www.irs.gov/eo for information regarding filing requirements. Specifically, section 6033(j) of the Code provides that failure to file an annual information return for three consecutive years results in revocation of tax-exempt status as of the filing due date of the third return for organizations required to file. We will publish a list of organizations whose tax-exempt status was revoked under section 6033(j) of the Code on our website beginning in early 2011.

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Nov. 19, 2012 LTR 4168C 0
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CRIBS FOR KIDS
810 RIVER AVE STE 250
PITTSBURGH PA 15212-5919

If you have any questions, please call us at the telephone number shown in the heading of this letter.

Sincerely yours,

Cindy Thomas

Cindy Thomas
Manager, EO Determinations

Dartmouth Health

Center for Advancing Rural Health Equity

March 29, 2023

U.S. Environmental Protection Agency
EPA Community Based Organizations
EJ Grant Application Selection Committee
Washington DC

Dear Committee Members:

This letter of commitment is written in support of the activities of Cribs for Kids, the community-based organization (CBO) based in Pittsburgh, PA, and their proposal requesting funding of their project to distribute educational materials regarding childhood lead poisoning prevention to environmental justice and rural communities.

The Center for Advancing Rural Health Equity (CARHE) is based out of Population Health at Dartmouth Health. Rural northern New England is home to Dartmouth Health (DH), New Hampshire's only academic health system. It is a regional and globally recognized center of excellence renowned for its research, education and clinical practice, with a commitment to the delivery of effective and patient-centered care.

In September 2020, leaders from DH, Geisel School of Medicine and Dartmouth College committed to the 2022 launch of a Center for Advancing Rural Health Equity (CARHE) to address long-standing rural health disparities, eliminate unjust variations in health outcomes, and create greater alignment of effort across health delivery, education, research and community in the region. Advancing rural health equity in rural northern New England requires the acquisition of new knowledge, new ways of collaborating, new skills and competencies, and significant outreach to create stronger community partnerships.

To pursue, advance and sustain rural health equity is a deeply complex and challenging effort. It takes the collective impact of multiple organizations, cross-sector coordination, to address and overcome the magnitude and complexities of rural health inequities and pave the way to better health and well-being for rural constituents and communities. With this goal of collective impact of multiple organizations, we commit to being a project partner.

As a committed project partner, CARHE will be able to actively support the development of the project's proposed board book donation program that would provide *Happy, Healthy, Lead-Free Me!* board books, at no cost, to pediatric healthcare providers and community agencies located in rural area. The book donation program would provide 15,000 books per year, for each year of the three year grant period. This planned activity would provide 45,000 books to children living in rural, underserved areas nationwide.

CARHE and Dartmouth Health know, first hand, the proven value of *Happy, Healthy, Lead-Free Me!* as a clinical adjunct for our DH pediatric healthcare providers practicing in rural Northern New England. We want *all* rural health programs to learn of this new resource and as many as possible to have access to it.

Dartmouth Health

Center for Advancing Rural Health Equity

Dartmouth Health pediatricians were involved with the development of this engaging clinical adjust since its inception, providing clinical review during the book's development. This board book which serves dual purpose of supporting early literacy while providing lead exposure prevention education to the adult reader, is now widely distributed by DH pediatricians during Well Child Check visits to their very young children and their families, many who reside in rural areas of Northern New England.

We proudly share what our DH pediatric healthcare providers are saying about *Happy, Healthy, Lead-Free Me!*

"Beautiful, effective, and fun! We are so proud to have been able to collaborate with the NH DPHS on this initiative to create Happy, Healthy, Lead-Free Me! It is an innovative and creative way of teaching families about the dangers of lead and the importance of lead level testing while allowing children to benefit from the amazing developmental gains associated with reading. The pediatricians across the state who are enthusiastically handing out the book and the families who are receiving it - all universally love it!"

- Erik Shessler, MD, Chair of General Pediatrics, Dartmouth-Hitchcock in Manchester and President of NHAAP

"It's great to be able to give a book to families about a health topic in an age-appropriate presentation for the patient. The rhyming board book format is familiar to parents and children, making it a comfortable fit with the routine of reading stories. The age-appropriate presentation, bright colors, diversity of the characters, and availability in additional languages makes this book a winner!"

- Eleanor Maguire, ANPR, Pediatric Nurse Practitioner, Dartmouth-Hitchcock in Nashua

Happy, Healthy, Lead-Free Me! is an innovative approach to educating families on childhood lead exposure prevention and the importance of pediatric lead level testing. As a committed and collaborative partner, CARHE will actively facilitate the dissemination of information about the book's recent release, associate resources, and the book donation program for rural areas, using our board network of clinical health care providers and public health professionals.

We endorse the Cribs for Kids proposal, commit to being a partner, and strongly urge you to approve its funding. The results of this project will support the health of very young children and their families living in rural areas, as well as those living in environmental justice communities, who are face with complex challenges and health disparities, including higher rates of childhood lead exposure.

Please feel free to contact my office for further information regarding the activities of Population Health and the Center for Advancing Rural Health Equity at Dartmouth Health.

Sincerely,

Sally Kraft, MD
VP Population Health
Director Center for Advancing Rural Health Equity
Dartmouth Health
sally.a.kraft@hitchcock.org

National Coalition for Campus Children's Centers

Engage • Network • Advocate

April 12, 2023

U.S. Environmental Protection Agency
EPA Community Based Organizations
EJ Grant Application Selection Committee
Washington DC

Dear Committee Members:

The National Coalition for Campus Children's Centers (N4C) is a nonprofit educational membership organization supporting excellence in programs for young children in communities of higher learning by providing opportunities for leadership, professional development, research, networking, and advocacy. Our members include early care and education program administrators, teachers, and faculty all of whom are directly associated with a higher education, campus based early childhood program. N4C's members are part of diverse organizational, funding, and program structures at university and college campuses across the United States. These programs include childcare centers and laboratory schools where future early childhood teachers and practitioners receive training and hands on experience. While each program possesses unique qualities, the membership of N4C share a passion for doing what is best for children, student parents and the community at large. Joining Cribs for Kids (COB) and this project as a committed partner aligns perfectly with our N4C mission.

As a committed partner, N4C looks forward to working with Cribs for Kids, a non-profit, community-based organization (COB) with the mutual goal of successful completion of the project output of an on-line training for the early care and education workforce. The training module to be developed will include information on the negative impact of childhood lead poisoning, prevention strategies, the importance of pediatric lead level testing, and resources providing guidance on how to best meet educational needs of children affected by lead. No national, no cost, on-line training with the outlined content designed for the early care and education workforce currently exists.

Unfortunately, a large knowledge gap exists in the United States on the lead hazards frequently found in children's environments and the life-long, negative, impact of even low levels of lead exposure during early childhood. In addition, many educators are not familiar with the evidence-based early interventions and teaching strategies to support lead exposed children. N4C is a committed partner in the development and dissemination of training and resources to reduce this knowledge gap and protect children. The development and launch of this on-line training

would be a very valuable training and outreach resource on preventing childhood lead exposure and providing early education interventions for lead-exposed children.

N4C looks forward to working with Cribs for Kids and utilizing our board of directors, members, and member networks to:

- Participate in the training module development workgroup
- Assist with technical review of training module draft by diverse faculty and practitioners
- Facilitate beta-testing of training module draft with diverse students and student parents from all regions of the United States.
- Disseminate information about the release and availability of the on-line training to members across the USA via an active listserv and at N4C sponsored events
- Review quarterly project progress and update reports to be distributed by Cribs for Kids.
- Participate in bi-annual performance measure review meetings to be facilitated by Cribs for Kids to monitoring project outputs and tracking progress during the project period.

The members of N4C are child development and early childhood education professionals from all across the United States, all of whom are invested in the quality and access of education provided to students, student parents and children alike. N4C is committed to supporting the work of the Cribs for Kids proposal.

Sincerely,



Kelly Jamison
NC4 President
Associate Director – University of Florida Early Childhood Collaboratory at Baby Gator
305 Diamond Road, #22| Gainesville, FL 32603
Office: Ex. 6 - Personal Privacy (PP) | Fax: Ex. 6 - Personal Privacy (PP) | Email: Ex. 6 - Personal Privacy (PP)

UF EARLY CHILDHOOD
collaboratory
at Baby Gator

New Hampshire Chapter

American Academy of Pediatrics

DEDICATED TO THE HEALTH OF ALL CHILDREN®

April 7, 2023

U.S. Environmental Protection Agency
EPA Community Based Organizations
EJ Grant Application Selection Committee
Washington DC

Dear Committee Members:

New Hampshire Chapter of the American Academy of Pediatrics submits this letter detailing our committed partnership with Cribs for Kids, a community-based organization (CBO) located in Pittsburgh, PA, and their proposal requesting funding of their project to promote, distribute, and donate printed editions of the recently released children's board book, *Happy, Healthy, Lead-Free Me!*.

The mission of the New Hampshire Chapter of the American Academy of Pediatrics is to unite the pediatric community and the community at large around innovative solutions to the most critical challenges facing the children in New Hampshire, their families, and the pediatricians who care for them. With our mission in mind, NHAAP became an enthusiastic partner when approached by NH Division of Public Health Services, Healthy Homes and Lead Poisoning Prevention Program, about plans to development of children's board book that would both engage children and provide lead exposure prevention guidance to the adult reader. NHAAP, involved from its inception, provided clinical review of the book during its development. Since the book's release, we have enthusiastically promoted awareness of the book's availability to pediatricians as effective clinical adjunct. We are happy to report that both the pediatricians handing out the book and the families who are receiving it --- ***all love it!***

Childhood lead exposure is a significant pediatric environmental health issue across the United States. We are committed to working with Cribs for Kids as they promote, distribute, and donate printed editions of *Happy, Healthy, Lead-Free Me!*, both in English and the many additional languages available. We are committed to ensuring that as many pediatric healthcare providers as possible, nationwide, learn of this creative, innovative, anticipatory

guidance resource and valuable clinical adjunct. As the book was developed here, in the rural state of New Hampshire, NHAAP is also dedicated to Cribs for Kids' success is establishing a book donation program for pediatric healthcare providers and family support programs serving rural communities.

As a committed project partner, NHAAP will:

- Alert other State and Regional AAP Chapters of the book's release, availability and planned book donation program for rural areas. Provide information on the board book and associated resources to the American Academy of Pediatrics (AAP) for dissemination through national channels and partner networks.
- Alert other environmental and public health partners of the book's release, availability and planned book donation program for rural areas.
- Make books available at NHAAP-sponsored CME events for pediatric and family healthcare providers.
- Make available electronic request for complimentary copy URL available on NHAAP website.
- Provide clinical review of any future updated or revised book editions and associated resources
- Review quarterly project progress reports to be distributed to project partners by Cribs for Kids, to assist with monitoring project outputs and tracking progress to expected results throughout the project period.

Please feel free to contact me for further discussion of NHAAP activities as a committed project partner with Cribs for Kids.

Sincerely,



Erik Shessler, MD
President – NH Chapter of the American Academy of Pediatrics
Chair of Dartmouth Health Children's Primary Care Manchester/Bedford
Chair of Dartmouth Health Children's Primary Care Committee
Associate Medical Director for Dartmouth Hitchcock Manchester Clinic

Tel Ex. 6 - Personal Privacy (PP) | Email: Erik.M.Shessler@hitchcock.org

STATE OF NEW HAMPSHIRE
DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH SERVICES
BUREAU OF PUBLIC HEALTH PROTECTION

Lori A. Weaver
Interim Commissioner

Patricia M. Tilley
Director

29 HAZEN DRIVE, CONCORD, NH 03301
Ex. 6 - Personal Privacy (PP) Ex. 6 - Personal Privacy (PP) **Ext** Ex. 6 - Personal Privacy (PP)
Fax: Ex. 6 - Personal Privacy (PP) **TDD Access:** Ex. 6 - Personal Privacy (PP)
www.dhhs.nh.gov

April 5, 2023

U.S. Environmental Protection Agency
EPA Community Based Organizations
EJ Grant Application Selection Committee
Washington, DC

Dear Committee Members:

The New Hampshire Department of Health and Human Services, Division of Public Health Services (DPHS) enthusiastically supports Cribs for Kids' application to the U.S. Environmental Protection Agency for Environmental Justice grant funding.

This letter of commitment is written in support of the activities of the 'Cribs for Kids' community-based organization located in Pittsburgh, PA, and their proposal requesting funding of their project to distribute anticipatory guidance and education materials on childhood lead exposure, prevention strategies, and importance of pediatric blood lead level testing to environmental justice and rural communities. Many of their proposal's activities involve the promotion and distribution of the recently released children's board book, *Happy, Healthy Lead-Free Me!* and associated resources.

DPHS can proudly say that this children's board book, *Happy, Healthy, Lead-Free Me!* was developed by the DPHS's Healthy Homes and Lead Poisoning Program, with clinical support from New Hampshire Chapter of the American Academy of Pediatrics and the Region 1 Pediatric Environmental Health Specialty Unit at Boston Children's Hospital. The book's development was supported with funding from cooperative agreements with both the Center for Disease Control and Prevention (CDC) and the Environmental Protection Agency (EPA). This board book represents an innovative approach using children's literature to educate families on childhood lead exposure and the importance of testing by engaging both child and the adult reader to support successful delivery of anticipatory guidance.

The two-year book development and review process culminated with the inaugural printed editions of *Happy, Healthy, Lead-Free!*, printed with lead-free inks, arriving in December 2022. Not only were we delighted with the final product – but so were *many* others. The immediate positive interest and demand for the book across the nation was both affirming and overwhelming. It quickly became apparent that a national, non-profit partner with both a children's health mission and proven ability to manage inventory and order fulfillment logistics was needed -- and quickly. In June 2022, when the DPHS book development team first connected with Cribs for Kids, it was quickly apparent that the perfect collaborative partner to both take on, and take care of, *Happy, Healthy, Lead-Free Me!* had been found. The DPHS has been engaged in a positive, productive, collaborative partnership with Cribs for Kids ever since.

As the initial developer of this creative, evidence-based, anticipatory guidance resource for families, the DPHS is dedicated to its continued success, availability, and sustainability. As a Cribs for Kids partner, we will:

- Utilize DPHS's Office of Rural Health and its participation in the National Organization of State Rural Health Programs to support and promote a proposed board book donation program for pediatric health care providers and family support organizations located in rural, underserved areas across New Hampshire;

- Utilize the HHLPPP Health Educator, Lead Hazard Compliance Supervisor, and Nurse Case Managers to provide subject matter expertise on lead poisoning prevention and technical review of deliverables as needed for completion of proposed activities;

- Utilize the HHLPPP Health Educator to participate in presentations on the book's development and technical and clinical review process;

- Utilize in-person meetings, along with website and social media channels to share information on the book's availability and associated prevention resources with public health partners;

- Utilize the HHLPPP Health Educator to review and provide feedback on quarterly project progress measure reports to be distributed to project partners by Cribs for Kids; and

- Utilize the HHLPPP Health Educator to attend bi-annual progress measure review meetings, to be facilitated by Cribs for Kids, to assist with monitoring project outputs and tracking progress to expected results throughout the project period.

The New Hampshire Department of Health and Human Services, Division of Public Health Services endorses the Cribs for Kids proposal and strongly urge you to approve its funding. The results of this project will support the health of those living in rural, underserved areas, as well as those living in environmental justice communities, by providing families with anticipatory guidance on childhood lead exposure and prevention strategies while supporting children's early literacy development.

Sincerely,



Patricia Tilley, M.Ed.
Director
Division of Public Health Services
NH Department of Health and Human Services



Boston Children's Hospital

Where the world comes for answers



HARVARD MEDICAL SCHOOL
TEACHING HOSPITAL

Alan D. Woolf, M.D., M.P.H.
Department of Medicine, Boston Children's Hospital
Senior Associate in Medicine
Director, Pediatric Environmental Health Center
Designated Institutional Official for ACGME, Boston Children's Hospital
Associate Chief Medical Education Officer, Boston Children's Hospital

300 Longwood Avenue, Boston, MA 02115
Ex. 6 - Personal Privacy (PP) | fax Ex. 6 - Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP) | Bostonchildrens.org

March 29 2023

U.S. Environmental Protection Agency
EPA Community Based Organizations
EJ Grant Application Selection Committee
Washington DC

Dear Committee Members:

This letter of commitment is written in support of the activities of the 'Cribs for Kids' community-based organization (CBO) based in Pittsburgh, PA, and their proposal requesting funding of their project to distribute educational materials regarding childhood lead poisoning prevention to environmental justice and rural communities. The Region 1 New England Pediatric Environmental Health Specialty Unit (R1 PEHSU), in collaboration with and managed by the Pediatric Environmental Health Center (PEHC) at Boston Children's Hospital, routinely undertakes a number of outreach activities every year educating both health care professionals and the public about resources available to parents for the prevention of childhood lead poisoning. We commit to continue the enthusiastic collaboration with this partnership that we have enjoyed since the book's inception. In the proposed project, the R1 PEHSU/PEHC would specifically highlight the availability of and help with the distribution of the board book *Happy Healthy Lead Free Me* and its associated resources to its contacts among clinicians practicing in environmental justice and rural communities across New England and elsewhere in the United States. how the board book is an innovative and engaging clinical adjunct for pediatricians that supports successful prevention messaging to adult reader.

Definitions of EJ communities vary by state and we will endeavor to identify qualifying populations and the health care providers serving them. While definitions of EJ communities vary by state, we will identify environmental justice communities using the EPA definition of those having:

- Multiple, disproportionate environmental health burdens
- Population vulnerability
- Limited effective participation in decisions with environmental and health consequences

We will seek access to state-level GPS mapping which indicates areas of highest concentrations of lead-contaminated soils or older, likely contaminated housing. State-level blood lead testing statistics will reveal which communities have the highest percentages of elevated blood lead levels in the preschool-aged child population. Such analyses have, in the past, revealed neighborhood-level data that have overlapped heavily with previously designated environmental justice communities.

With subcontract funding, the Region 1 PEHSU/PEHC would be able to connect many more pediatric health care providers and public health organizations – and children – to the board book, childhood lead poisoning prevention fact sheets, and other lead-specific educational resources. We can identify many activities that we ~~could manage and~~ commit to for this project.

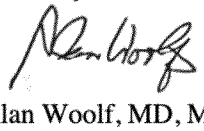
We believe our efforts will contribute to ensuring the project's success over its three years of operations. Specifically we would:

- Promote distribution of the board books and lead prevention resources through contacts with health care providers within hospitals, community health centers, office practices, and other clinics throughout New England, promoting its availability especially to those clinicians working in rural locales and environmental justice communities. Including the availability in toolkits available for newborn parents and primary health clinics.
- Promote the book's availability on-line at its website and its social media platforms, which include Twitter and Facebook
- Make other pediatric medical care providers, health systems, public health and environmental health departments, county health departments – aware of the book and the research supporting children's literature as effective vehicle for anticipatory guidance messaging to the adult reader.
- Work with state chapters of the American Academy of Pediatrics in alerting their pediatric health care provider members to the availability of the book.
- Work with other regional PEHSUs across the United States to promote the book and distribute flyers with information on acquiring the book for parents of young children to their target audiences in their catchment areas, including rural locales and environmental justice communities.
- Make available the flyers on how to obtain copies of the book at continuing education events, clinical education conferences, lead testing webinars, as is possible.
- Make available electronic requests for complimentary copies available to attendees of Region 1 PEHSU grand round presentations.
- Commit to reviewing quarterly project performance measure reports to be distributed to project partners by Cribs for Kids
- Commit attending bi-annual performance measure review meetings to be facilitated by Cribs for Kids, to assist with monitoring project outputs and tracking progress to expected results throughout the project period.

The Region 1 PEHSU/PEHC faculty and staff originally provided clinical review during the book's development and have provided continued, and enthusiastic, collaboration with book's release and promotion. We offer the continuation of this collaboration in support and promotion of the board book – largely in assisting with connections, introductions, and communication channels to pediatric healthcare and children's environmental health specialists, to help Cribs for Kids disseminate information on book availability and book donation program. A subaward contract is planned between Cribs for Kids and Boston Children's Hospital to facilitate the partnership and ensure the project's success.

We endorse the Cribs for Kids proposal and strongly urge you to approve its funding. The results of this project will be of great value to families living in rural areas as well as those living in environmental justice communities. Please feel free to contact my office for further information regarding the activities of R1 PEHSU and the PEHC at Boston Children's Hospital.

Cordially,



Alan Woolf, MD, MPH, FAAP, FAACT, FACMT
Director and Principal Investigator, Region 1 New England Pediatric Environmental Health Specialty Unit
Director, Pediatric Environmental Health Center, Boston Children's Hospital
Associate Chief Medical Education Officer, Boston Children's Hospital
Professor of Pediatrics, Harvard Medical School

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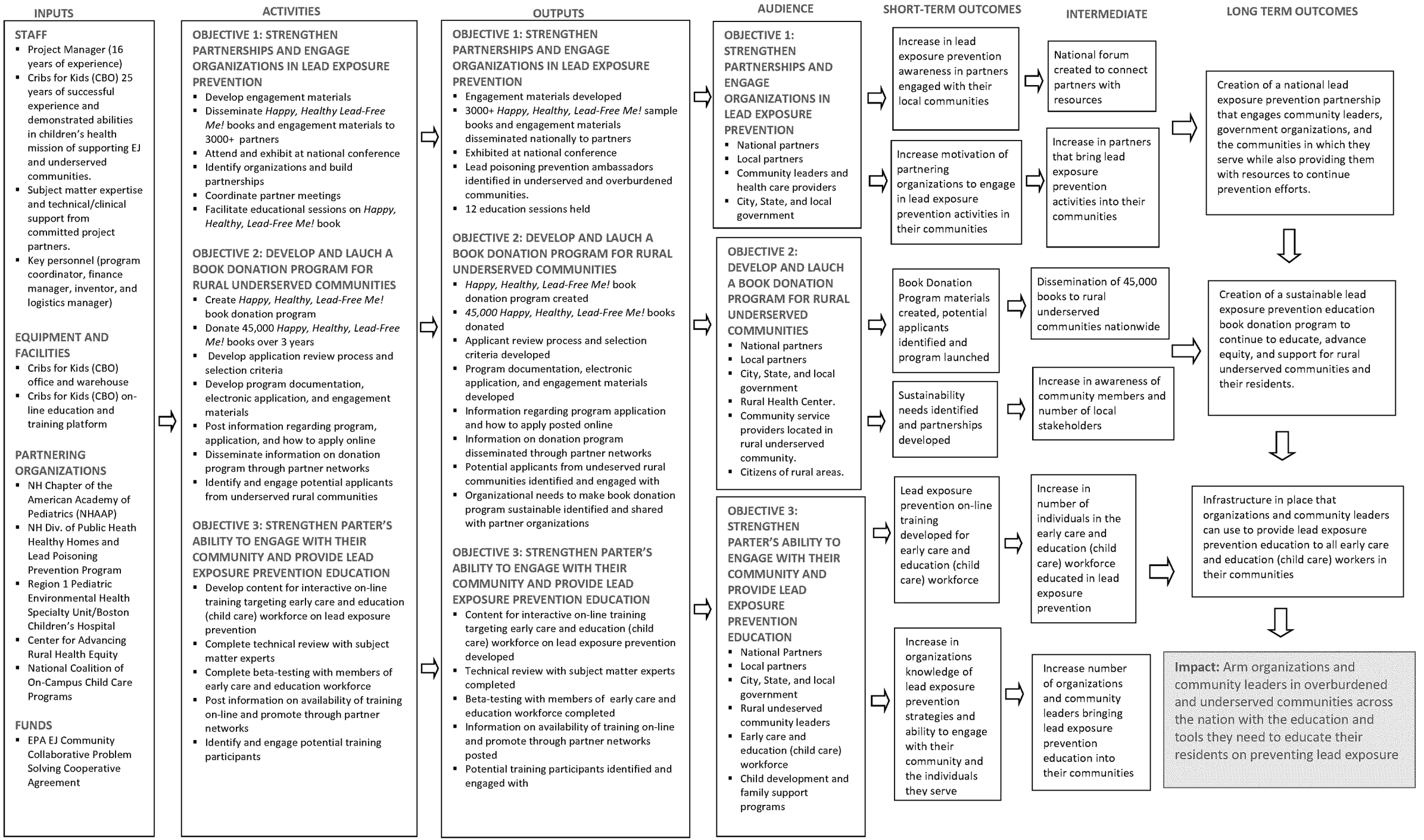
	Description	Total
Personnel	• Project Manager @ annual salary at 12.5% of time on project = $41,500 for three years • Development Director to assist with project tech 15% of time on project (3yrs) = 27,000 for three years • Distribution Coordinator will be responsible for the Happy, Healthy, Lead Free Me books at 50% of time $70,500 for three years on project • Warehouse labor for book distribution, blended rate 12% of time $24,375 for three years on project	163,375.00
Fringe Benefits	• Project Manager 12.5% of salary (includes medical, dental, life insurance) = $3,600 for three years • Development Director 15% of salary (includes medical, dental, life insurance) = $2,835 for three years • Distribution Coordinator 50% of salary (includes medical, dental, life insurance) = $9,450 for three years • Warehouse Labor blended rate of 12% of salary (includes medical, dental, and life insurance) = $2,268 for three years	17,778.00
Conference and Travel	Conferences & Seminars Exhibit fees plus travel expenses • 2024 MCO NAMD Conference $3,250 to exhibit • Mileage to MCO conference. Pgh to DC and rtn, 242 miles each way @ .655 per mile = $ 317. • Hotel Accomodations for Conference $300 per night = $600 • MHPA Conference $5,000 to exhibit • Mileage to MHPA conference in DC from Pittsburgh and return 242 each way. Total 484 miles at $0.655/mi = $317.02 • MHPA Conference hotel accomodations $400 per night for two nights = $800.00	10,284.00
Equipment	• Educational updates and enhancements to the Safe Sleep Academy Safe and Healthy Home Section - modify/adjust to make training applicable nationally. Content will be available to freely use and modify for their States. Includes software to track partner contact and order information @$15,000/yr for three years. Website coding for updates to educational platform $3,600. Interactive online educational upgrades $3,540 for a total of $52,140 • Rural Health Book Donation Software - Submittable $5,200 each year for three years for $15,600, and DocuSign $3,200 for the first year and $2,700 for years two and three for a total of $8,600 = $25,200	77,340.00

Supplies	• Dell Vostro Laptop for Distribution Coordinator to be used to achieve program goals $879.00 • Books (Available in all languages). Will print 51,840 in all languages. 45,000 for distribution to rural communities, 6,840 for promotional books. Of the 6,840 promotional books 3,680 will be mailed to partners and organizations that request a copy. The remaining amount will be used at conferences and seminars to 51,840 books @ 2.50 each = $129,600 • Shipping Supplies: 1,204 labels at .60 each = $722.40	131,201.40
Indirect Costs	• Indirect building and utility expense @$3,640 per year for three years = $10,921.20 • Postage & Shipping of 3,680 books to be mailed as the promotion of the book program @ $6.25 each = $23,000 • Postage & Shipping of 1,204 cases of books to be shipped as the book donation program @ $25 = $30,100	64,021.60
Other	• Subaward to PEHSU-1 Boston Regional - Dr. Woolf Promotional expenses $10,000 per year for three years = $30,000 • Sub Award to NC4 for participating in the training module development work group, technical review, and beta testing. Disseminate information regarding the availablity of online training to members across the USA and participate in performance measure reviews. $2,000 per year for three years = $6,000	36,000.00
	Total	500,000.00


INPUTS
STAFF
Project Manager (16 years of experience)
Cribs for Kids (CBO) 25 years of successful experience and demonstrated abilities in children's health mission of supporting EJ and underserved communities.
Subject matter expertise and technical/clinical support from committed project partners.
Key personnel (program coordinator, finance manager, inventor, and logistics manager)
EQUIPMENT AND FACILITIES
Cribs for Kids (CBO) office and warehouse
Cribs for Kids (CBO) on-line education and training platform
PARTNERING ORGANIZATIONS
NH Chapter of the American Academy of Pediatrics (NHAAP)
NH Div. of Public Heath Healthy Homes and Lead Poisoning Prevention Program
Region 1 Pediatric Environmental Health Specialty Unit/Boston Children's Hospital
Center for Advancing Rural Health Equity
National Coalition of On-Campus Child Care Programs
FUNDS
EPA EJ Community Collaborative Problem Solving Cooperative Agreement
ACTIVITIES
OBJECTIVE 1: STRENGTHEN PARTNERSHIPS AND ENGAGE ORGANIZATIONS IN LEAD EXPOSURE PREVENTION
Develop engagement materials
Disseminate Happy, Healthy Lead-Free Me! books and engagement materials to 3000+ partners
Attend and exhibit at national conference
Identify organizations and build partnerships
Coordinate partner meetings
Facilitate educational sessions on Happy, Healthy, Lead-Free Me! book
OBJECTIVE 2: DEVELOP AND LAUCH A BOOK DONATION PROGRAM FOR RURAL UNDERSERVED COMMUNITIES
Create Happy, Healthy, Lead-Free Me! book donation program
Donate 45,000 Happy, Healthy, Lead-Free Me! books over 3 years
Develop application review process and selection criteria
Develop program documentation, electronic application, and engagement materials
Post information regarding program, application, and how to apply online
Disseminate information on donation program through partner networks
Identify and engage potential applicants from underserved rural communities
OBJECTIVE 3: STRENGTHEN PARTER'S ABILITY TO ENGAGE WITH THEIR COMMUNITY AND PROVIDE LEAD EXPOSURE PREVENTION EDUCATION
Develop content for interactive on-line training targeting early care and education (child care) workforce on lead exposure prevention
Complete technical review with subject matter experts
Complete beta-testing with members of early care and education workforce
Post information on availability of training on-line and promote through partner networks
Identify and engage potential training participants
OUTPUTS
OBJECTIVE 1: STRENGTHEN PARTNERSHIPS AND ENGAGE ORGANIZATIONS IN LEAD EXPOSURE PREVENTION
Engagement materials developed
3000+ Happy, Healthy, Lead-Free Me! sample books and engagement materials disseminated nationally to partners
Exhibited at national conference
Lead poisoning prevention ambassadors identified in underserved and overburdened communities.
12 education sessions held
OBJECTIVE 2: DEVELOP AND LAUCH A BOOK DONATION PROGRAM FOR RURAL UNDERSERVED COMMUNITIES
Happy, Healthy, Lead-Free Me! book donation program created
45,000 Happy, Healthy, Lead-Free Me! books donated
Applicant review process and selection criteria developed
Program documentation, electronic application, and engagement materials developed
Information regarding program application and how to apply posted online
Information on donation program disseminated through partner networks
Potential applicants from undeserved rural communities identified and engaged with
Organizational needs to make book donation program sustainable identified and shared with partner organizations
OBJECTIVE 3: STRENGTHEN PARTER'S ABILITY TO ENGAGE WITH THEIR COMMUNITY AND PROVIDE LEAD EXPOSURE PREVENTION EDUCATION
Content for interactive on-line training targeting early care and education (child care) workforce on lead exposure prevention developed
Technical review with subject matter experts completed
Beta-testing with members of early care and education workforce completed
Information on availability of training on-line and promote through partner networks posted
Potential training participants identified and engaged with
AUDIENCE
OBJECTIVE 1: STRENGTHEN PARTNERSHIPS AND ENGAGE ORGANIZATIONS IN LEAD EXPOSURE PREVENTION
National partners
Local partners
Community leaders and health care providers
City, State, and local government
OBJECTIVE 2: DEVELOP AND LAUCH A BOOK DONATION PROGRAM FOR RURAL UNDERSERVED COMMUNITIES
National partners
Local partners
City, State, and local government
Rural Health Center.
Community service providers located in rural underserved community.
Citizens of rural areas.
OBJECTIVE 3: STRENGTHEN PARTER'S ABILITY TO ENGAGE WITH THEIR COMMUNITY AND PROVIDE LEAD EXPOSURE PREVENTION EDUCATION
National Partners
Local partners
City, State, and local government
Rural undeserved community leaders
Early care and education (child care) workforce
Child development and family support programs
SHORT-TERM OUTCOMES
Increase in lead exposure prevention awareness in partners engaged with their local communities
Increase motivation of partnering organizations to engage in lead exposure prevention activities in their communities
Book Donation Program materials created, potential applicants identified and program launched
Sustainability needs identified and partnerships developed
Lead exposure prevention on-line training developed for early care and education (child care) workforce
Increase in organizations knowledge of lead exposure prevention strategies and ability to engage with their community and the individuals they serve
INTERMEDIATE
National forum created to connect partners with resources
Increase in partners that bring lead exposure prevention activities into their communities
Dissemination of 45,000 books to rural underserved communities nationwide
Increase in awareness of community members and number of local stakeholders
Increase in number of individuals in the early care and education (child care) workforce educated in lead exposure prevention
Increase number of organizations and community leaders bringing lead exposure prevention education into their communities
LONG TERM OUTCOMES
Creation of a national lead exposure prevention partnership that engages community leaders, government organizations, and the communities in which they serve while also providing them with resources to continue prevention efforts.
Creation of a sustainable lead exposure prevention education book donation program to continue to educate, advance equity, and support for rural underserved communities and their residents.
Infrastructure in place that organizations and community leaders can use to provide lead exposure prevention education to all early care and education (child care) workers in their communities
Impact: Arm organizations and community leaders in overburdened and underserved communities across the nation with the education and tools they need to educate their residents on preventing lead exposure

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Education

University of Pittsburgh
Master of Social Work with Certificate in Children, Youth, and Families

Carlow University
Bachelor of Social Work with Specialization in Crisis and Trauma

Current Employment

Cribs for Kids – Pittsburgh, PA — June 2020 – Present
Director of Development

- Events Management
- Fundraising
- Cribs for Kids Partner Relations
- Email Marketing
- Web Development and Design
- Graphic Design

Previous Employment

Cribs for Kids – Pittsburgh, PA — January 2017 – June 2020
Support and Education Coordinator, Full Time

Cribs for Kids – Pittsburgh, PA — September 2014 – January 2017
Internship (1 year) and Part Time Support

Catholic Charities – Pittsburgh, PA — September 2015 – April 2016
Pregnancy and Parenting Intern

Morgan's Foods, Taco Bell – Pittsburgh, PA — June 2012 – August 2012
Team Member, Cashier

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Education

Robert Morris University
Bachelor of Science in Organizational Leadership Studies

Community College of Allegheny County
Associate Degree in General Studies
Associate Degree in Accounting and Business

Current Employment

Cribs for Kids- Pittsburgh, PA — January 2016 – Present
Chief Operations Officer

- Operations Management
- Strategy Implementation
- Oversee Marketing
- Product Development
- Program Development
- Update Communication
- Streamline Fulfilment Process
- Partner Relations

Previous Employment

Oxford Development Company – Pittsburgh, PA — December 1988 – January 2016
Positions Held

- Property Manager
- Operations Manager
- Facility Manager
- Assistant Property Manager

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Education

University of Colorado
Bachelor of Arts in Literature

Current Employment

Cribs For Kids – Pittsburgh, PA — January 2017 – Present
Fulfillment Coordinator

- Shipping scheduling and customer support
- 3rd Party Logistics service provider
- Volunteer project coordinator
- Warehouse worker

Previous Employment

Hecht Landscaping – Pittsburgh, PA — March 2015 – March 2016
Head Foreman

Oxford Development – Pittsburgh, PA — May 2014 – March 2016
Garage Attendant

Gumpher Electrical – Pittsburgh, PA — August 2013 – January 2014
Electrician

Allegheny County Court of Common Pleas – Pittsburgh, PA — August 2010 – August 2013
Tipstaff / Court Officer

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Education

The Pennsylvania State University
Bachelor of Science in Business Administration and Marketing

Current Employment

Cribs for Kids – Pittsburgh, PA — November 1998 – Present
Chief Executive Officer

- Strategic Planning
- Board of Directors Communication
- Public Relations
- Project Oversight
- Administration Management
- Financial Oversight
- International Partner Relations
- Operations Oversight

Previous Employment

SIDS of PA, Inc. – Pittsburgh, PA — April 1989 – November 1998
Executive Director

United Cerebral Palsy of Pittsburgh District – Pittsburgh, PA — October 1983 – March 1989
Director of Development

Ryan Homes, Inc. – Eastern District — August 1978 – October 1983
Marketing Director

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Education

Bachelor of Science in Communications
Edinboro University of Pennsylvania

Current Employment

Cribs for Kids – Pittsburgh, PA — May 2020 – Present
Social Media Manager

- Facebook, Twitter, Instagram, LinkedIn, Pinterest
- Content Creation
- Client Engagement
- Customer Service
- Copywriting
- Development

Previous Employment

Kelly James Consulting – Pittsburgh, PA — November 2017 – May 2020
Full-scale Social Media Management

Mansmann Foundation – Pittsburgh, PA — April 2016 – November 2017
Small Business Specialist

Pittsburgh Public Market – Pittsburgh, PA — April 2014 – April 2016
The Market Kitchen – Manager

Freelance Chef – Pittsburgh, PA — January 2013 – March 2014

Sugar Cafe – Pittsburgh, PA — September 2010 – January 2013
Chef/ Owner

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Education

John Carroll University
Bachelor of Science in Accountancy

Current Employment

Cribs for Kids – Pittsburgh, PA — April 2019 – Present
Chief Financial Officer

- Accounting Oversight
- Financial Planning and Analysis
- Preparation of Financial Statements
- Budgetary Management

Previous Employment

Ette-Cetera, Inc. — October 2019 – Present
Chief Financial Officer

North Star Consulting Services — September 2021 – Present
Co-Founder

Sloboda Smith Accounting Services — February 2018 – September 2021
Owner

Dollar Energy Fund – Pittsburgh, PA — October 2017 – February 2018
Controller

Sojourner House, Inc. – Pittsburgh, PA — February 2015 – October 2017
Director of Finance and Operations

Herbein + Company, Inc. – Pittsburgh, PA — October 2011 – January 2015
Senior Auditor

Malin, Bergquist & Company – Pittsburgh, PA — January 2005 – May 2010
Senior Auditor

Henninger Accounting Services, PC – Greensburg, PA — January 2004 – January 2005
Staff Accountant

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Education

Carnegie Mellon University, College of Fine Arts
Master of Music in Music Education

Pacific Lutheran University
Bachelor of Music in Percussion Performance

Current Employment

Cribs for Kids – Pittsburgh, PA — March 2023 – Present
Safe and Healthy Homes Coordinator

- Distribution
- Educational Training
- Project Promotion
- Evaluation and Research

Previous Employment

School District Contracts – Pittsburgh, PA — September 2012 – Present
Percussion Instructor

West Mifflin Area Middle School – Pittsburgh, PA — September 2022 – December 2022
Substitute Teacher

University of Pittsburgh — December 2021 – June 2022
Fanny Edel Falk Laboratory School – Faculty Instructor

Carnegie Mellon University — September 2020 – May 2021
School of Music Office Coordinator

Bethel School District – Tacoma, WA — September 2018 – June 2019
Long Term Substitute Teacher

South Tacoma Mazda – Tacoma, WA — June 2017 – December 2018
Parts Consultant

Pacific Lutheran University – Tacoma, WA — September 2013 – July 2017
Manager – Audio Distribution and Event Media

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Education

Youngstown State University
Master of Business Administration

University of Pittsburgh
Bachelor of Science in Supply Chain Management and Marketing

Current Employment

Cribs for Kids – Pittsburgh, PA — June 2021 – Present
Supply Chain & Logistics Coordinator

- Client Relations
- Demand Forecasting
- Supply Chain Planning
- Inventory Management

Previous Employment

West Penn Landscaping – Pittsburgh, PA — October 2020 – June 2021
Full-Time Landscaper

R&R Express – Pittsburgh, PA — January 2020 – March 2020
Inside Sales Representative

Worldwide Express Logistics – Pittsburgh, PA — May 2018 – August 2018
Inside and Outside Sales Intern (Paid Internship)

The Home Team – Pittsburgh, PA — April 2017 – December 2019
On Sight Supervisor

Residential Home Maintenance – Pittsburgh, PA — June 2014 – September 2020
Seasonal Landscaper & Snow Removal Expert

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Education

Central Michigan University
Bachelor of Science in Business Administration Management

Current Employment

Cribs for Kids – Pittsburgh, PA — March 2020 – Present
Procurement and Sales Coordinator

- Freight Order Processing
- Partner Relations
- Inventory Oversight
- Facilities Maintenance and Repair

Previous Employment

Refrigeration Sales Corporation – Pittsburgh, PA — December 2007 – December 2019
Senior Counter Sales

DanDave Corporation – Holland, MI — September 1997 – August 2007
Service Specialist

Sherwin Williams – Holland, MI — September 1991 – July 1997
Team Leader/ Supervisor

Sea Ray Boats – Knoxville, TN — October 1988 – October 1990
Corporate Buyer

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Ms. First Name: Eileen Middle Name:
Last Name: O'Rourke Suffix:
Title: President and Executive Director
Complete Address:
Street1: Ex. 6 Personal Privacy (PP)
Street2:
City: Arvada State: CO: Colorado
Zip / Postal Code: 80004 Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**
E-mail Address: Ex. 6 Personal Privacy (PP)

Payee: *Individual authorized to accept payments.*

Name: Prefix: Dr. First Name: Chris Middle Name:
Last Name: Grobbel Suffix: Ph.D.
Title:
Complete Address:
Street1: Ex. 6 Personal Privacy (PP)
Street2:
City: Lake Leelanau State: MI: Michigan
Zip / Postal Code: 49653 Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**
E-mail Address: Ex. 6 Personal Privacy (PP)

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: Ms. First Name: Eileen Middle Name: Clair
Last Name: O'Rourke Suffix:
Title: President and Executive Director
Complete Address:
Street1: Ex. 6 Personal Privacy (PP)
Street2:
City: Arvada State: CO: Colorado
Zip / Postal Code: 80004 Country: USA: UNITED STATES
Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**
E-mail Address: Ex. 6 Personal Privacy (PP)

EPA Form 5700-54 (Rev 4-02)

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: Dr. First Name: Maria Middle Name:

Last Name: Payan Suffix: Ph.D.

Title: Project Manager and Principal Investigator

Complete Address:

Street1: Ex. 6 Personal Privacy (PP)

Street2:

City: Selbyville State: DE: Delaware

Zip / Postal Code: 19975 Country: USA: UNITED STATES

Phone Number: Ex. 6 - Personal Privacy (PP) **Fax Number:**

E-mail Address: Ex. 6 - Personal Privacy (PP)

EPA Form 5700-54 (Rev 4-02)

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

EJ CPS

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Environmental and Social Justice Associates
Ex. 6 Personal Privacy (PP)
Lake Leelanau
MI: Michigan
49653

UTTJELX84US9
Eileen C O'Rourke
Ex. 6 Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
President and Executive Director
N: No
NA
NA
NA
N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Eileen C ORourke

President and Executive Director
2023-04-14

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"Other" costs include labor hours for subawardees.
de minimis rate of 10%
See budget narrative for further justification of object class categories.

Application
New
2023-04-14
Environmental and Social Justice Associates
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Ex. 6 Personal Privacy (PP)
Lake Leelanau
MI: Michigan
49653-9442
USA: UNITED STATES

Ms.
Eileen
O'Rourke

President and Executive Director
EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
Seaford Health Assessment and Data for Informed Decisions (SHADID)
001
021
2023-11-01
2026-10-31
494450.00
0.00

0.00
0.00
0.00
0.00
494450.00
c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Eileen
O'Rourke

President and Executive Director
EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)
Eileen C ORourke
2023-04-14

1235-Project Narrative (1).pdf
application/pdf
8YbWR2PYApWloroy/SVKoEj+1dl=

Ms.
Eileen
O'Rourke

President and Executive Director
Ex. 6 Personal Privacy (PP)
Arvada
CO: Colorado
80004
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)

Dr.
Chris
Grobbel
Ph.D.

Ex. 6 Personal Privacy (PP)
Lake Leelanau
MI: Michigan
49653
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)

Ms.
Eileen
Clair

O'Rourke

President and Executive Director
Ex. 6 Personal Privacy (PP)
Arvada
CO: Colorado
80004
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)

Dr.
Maria
Payan
Ph.D.

Project Manager and Principal Investigator
Ex. 6 Personal Privacy (PP)
Selbyville
DE: Delaware
19975
USA: UNITED STATES

EX. 6 - Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)

K19/5nCqx7LfmIMcWFvs4SK2xAs=
2023-04-14T21:52:29.000-04:00
Eileen C ORourke
GRANT13862028

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Environmental and Social Justice Associates

* b. Employer/Taxpayer Identification Number (EIN/TIN): 883153386

* c. UEI: UTTJELX84US9

d. Address:

* Street1: Ex. 6 Personal Privacy (PP)

Street2:

* City: Lake Leelanau

County/Parish:

* State: MI: Michigan

Province:

* Country: USA: UNITED STATES

* Zip / Postal Code: 49653-9442

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Ms.

* First Name: Eileen

Middle Name:

* Last Name: O'Rourke

Suffix:

Title: President and Executive Director

Organizational Affiliation:

* Telephone Number: Ex. 6 - Personal Privacy (PP)

Fax Number:

* Email: Ex. 6 Personal Privacy (PP)

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Seaford Health Assessment and Data for Informed Decisions (SHADID)

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: 001 * b. Program/Project: 021

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 * b. End Date: 10/31/2026

18. Estimated Funding ($):

* a. Federal	494,450.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	494,450.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name: Eileen

Middle Name:

* Last Name: O'Rourke

Suffix:

* Title: President and Executive Director

* Telephone Number: Ex. 6 - Personal Privacy (PP) Fax Number:

* Email: Ex. 6 Personal Privacy (PP)

* Signature of Authorized Representative: Eileen C ORourke * Date Signed: 04/14/2023

Ex. 6 Personal Privacy (PP)

Washington, DC 20011 • Ex. 6 - Personal Privacy (PP) • Ex. 6 - Personal Privacy (PP)

Education

Michigan State University – Bachelor's of Science in Forestry May 2012

Profile

- Middle School Math Teacher and Team Lead in DC Public Charter School
- Outdoor Recreation Program Manager with 16 years of experience with K-12 students in urban environments
- Exceptionally skilled at relationship building, cultivating culturally relevant experiences, and partnerships
- Committed to intergenerational community based stewardship of people and the environment

Accomplishments

- Middle School Math teacher building a classroom focused on the good for the community and the strength of learning
- Served more than 1,500 adults and children in classrooms and parks focused on STEAM and recreation programs
- Consistently develop a reputation for being resourceful, inclusive, and caring among students, communities, and coworkers
- Facilitated programs that raised more than $143,000 funds and independently secured two grants through networking
- Deliver relationship-based and trauma-informed program management, resulting in an abundance of resources, activities, and continuous engagement
- Completed six triathlons in one year and recently The Women's National Half Marathon

Areas of Expertise

- Team leadership
- Interpersonal skills
- Conflict resolution
- Curriculum development
- Classroom management
- Project based learning
- Program & event planning
- Staff & volunteer management
- Urban parks & green spaces
- Community & family engagement
- Logistics, operations, and organization (tasks & spaces)
- Forestry, watersheds, and ecosystems
- Out of school time programming
- Relationship building & storytelling
- Outdoor urban recreation

Relevant Experience

Middle School Math Teacher & Team Lead Washington, DC
Center City Public Charter Schools - Petworth Campus Aug. 2018 - Present

- Growing a classroom community centered on the learning and safety of all
- Provide cultural and age relevant math lessons to 6 - 8th graders aligned with the Eureka math curriculum
- Actively seek feedback from my co-teacher, students, peers and leaders on how to become a more effective teacher
- Work with families to facilitate academic conversations led by students (Student Led Conferences)
- Support a culture of error by modeling making mistakes and working with others to problem solve and improve
- Middle school team lead for 7th - 8th grade teachers; collect agenda items, facilitate meeting; disseminate information; organize middle school events; facilitator between teachers and leadership
- Co-planned a school wide outdoor adventure day in a park near the school & math statistics class at Kingman Island
- Cross collaborated with other campuses to provide project based learning experiences for students; resulting in students' math comic books being printed and distributed in the community
- Advocated for and supported changes in campus & network wide student and staff policies
- Hosted after school baking and biking clubs to engage students in math outside of the classroom
- Advisory Lead - teacher for a student small group focused on social emotional learning and development; took students on weekend field trips to strengthen relationships
- Professional development - continuous participant and facilitator; math lessons shared at network wide Celebration of Learning as examples of age and culturally relevant teaching

NatureFest Education Coordinator & Volunteer Coordinator Washington, DC
Friends of Kenilworth Aquatic Gardens Nov. 2016 - Aug. 2018

- Provide nature-based learning and outdoor experiences for 150 children (grades K – 6th) in four neighborhoods
- Maintain partnerships with the National Park Service and the DC Promise Neighborhood Initiative
- Direct camps for up to 100 students, including planning and implementing programs, managing a $30,000 budget, supervising up to 30 community staff members, purchasing supplies, and coordinating 27 vendors
- Interviewed, hired, and trained 14 teens and young adults to serve as camp junior counselors
- Document camp participation and produce quarterly reports
- Facilitate pre-training for hired employees and weekly partner meetings
- Plan and facilitate Family Nature Days for 200+ community members, designed to engage and build relationships between families living in the immediate communities with the park, the Friends group, and park rangers
- Recruit and support up to 290 volunteers for events, including Earth Day, National Public Lands Day, and monthly Saturday volunteer events

Additional Experience

My time in D.C. started as an AmeriCorps member serving Byte Back, Inc.as a computer literacy teacher for adult learners in Wards 5 - 8. I transitioned to being Byte Back's development associate, leading the sustainable growth of individual donors. After this, I spent time as an after school teacher and site lead for People Animals Love. We provided science and animal focused curriculum to students at John Burroughs, Miner and Stanton elementaries. While having these jobs I also volunteered for four years with the DC Chapter of the Sierra Club's - Inspiring Connections Outdoors program. One Saturday a month we took kids from the Washington Highlands neighborhood on DMV outdoor adventures.

Ex. 6 Personal Privacy (PP)

EXECUTIVE (HE/HIM/HIS)

Profile

Dynamic **Executive** bringing fundraising, program evaluation, DEI and financial management expertise to institutions making a positive difference in the world. Since 2010, I have helped mission-driven organizations achieve financial sustainability by securing over **$45 million** in grants and contributions.

Education

Georgetown University, Washington, DC

AUGUST 2006 – MAY 2010

B.S. in Foreign Service, International Politics: African Diaspora, ***Cum Laude***

Center for Nonprofit Advancement, Washington, DC

JANUARY 2015 – MAY 2015

Project LEAP: Certificate for Nonprofit Leadership

University of South Florida, Muma School of Business, Tampa, FL

FEBRUARY 2021 – JUNE 2021

Diversity, Equity and Inclusion Certificate for Nonprofit Executives

Employment History

Executive Director, Friends of Anacostia Park, Washington, DC

JUNE 2021 – PRESENT

- Grown operating revenue by 3x, leveraging individual and institutional engagement strategies to augment our base of financial support
- Established human resources, financial management and administrative protocols after sunsetting the National Park Foundation's fiscal sponsorship
- Strengthened our high-impact Board of Directors by increasing community representation and activating networks for resource development
- Spearheaded strategic planning with our Board of Directors and community of stakeholders, setting a clear vision for organizational development
- Brokered a healthy collaboration with the National Park Service and formalized our role as their official philanthropic partner
- Support the professional development of a growing team of 5 full-time employees and 24 part-time employees
- Pioneered community-driven conservation that has resulted in the creation of green jobs and the removal of 30,000 lbs of trash from the watershed
- Elevated community voice through participatory planning for Anacostia Park, an urban national park that has endured decades of institutional neglect

Chief Development Officer, National Winter Activity Center, Vernon, NJ

MARCH 2019 – JUNE 2021

- Shephered an anchor gift of $3.5 million for our capital campaign
- Spearheaded external communications for the 2020 NorAm Cup
- Developed strategic plan in partnership with our CEO and Board of Directors
- Raised $50,000 in corporate partnerships at our 3rd Annual Golf Outing and $100,000 through a crowdfunded annual campaign
- Developed capital campaign to secure $10,000,000 over 4 years

Details

Ex. 6 Personal Privacy (PP)
Washington, DC 20020
Ex. 6 Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)

Skills

- Spanish fluency
- Portuguese proficiency
- HTML, cloud migration strategy
- Raiser's Edge, Salesforce and Blackbaud CRM management
- Classy, Charity Buzz and event planning expertise
- Member of the Friends Leadership Institute, a cohort of conservation executives
- Accomplished guitar player and winner of WAMU 88.5's 2016 Tiny Desk Contest

Director of Development, Reach Out and Read, New York, NY

JANUARY 2018 – MARCH 2019

- Raised $400,000 from individual contributions at our 20th Anniversary Gala
- Secured $350,000 DYCD contract to expand literacy initiatives across the city
- Stewarded corporate partnerships and volunteer engagement experiences at program sites, connecting business professionals to our mission and impact
- Developed our brand strategy and led the redesign of our website
- Designed our Giving Tuesday and Annual Appeal campaign, securing $20,000

Advancement Consultant, New York, NY

MARCH 2016 – DECEMBER 2017

Friends of Island Academy, December 2016-December 2017

- Secured $605,000 in foundation grants and individual donations
- Organized the Let Kids Be Kids crowdfunding campaign, raising $27,000
- Drove planning for our annual gala, securing $55,000 in contributions and a pledge from Mayor De Blasio to get all youth out of Rikers Island
- Raised $45,000 through our Annual Appeal mailer campaign

Goods for Good, August 2016-December 2016

- Led the planning of Kids For Good, securing $22,500 in sponsorships

New York City Mission Society, March 2016-August 2016

- Worked with CEO to develop diversity plan for Board of Directors
- Worked with VP of Development to build a donor prospect engagement plan

Development, Higher Achievement, Washington, DC

JUNE 2011 – MARCH 2016

Manager of Grants, August 2015-March 2016

- Led gala planning effort with our President's Council, raising $1.1 million
- Headed foundation engagement, securing over $500,000 in grants

Manager of Program Quality and Evaluation, December 2013-August 2015

- Constructed the proposal narrative that helped HA secure $12 million from the Department of Education's i3 Program
- Built Higher Achievement's financial model and dashboard, helping Directors refine program quality while reducing costs
- Planned the Middle School Matters Conference, convening local politicians and community leaders to discuss the future of extended learning
- Served as project manager for migration to a cloud-based infrastructure

Center Director of the Alexandria Achievement Center, June 2011-December 2013

- Served as head administrator for our rigorous extended learning program, managing 100 volunteers, 8 part-time staff and 3 full-time staff

Specialist, Advocates for Justice and Education, Washington, DC

NOVEMBER 2010 – JUNE 2011

- Served as case manager for children in need of special education services

Development Associate, Life Pieces to Masterpieces, Washington, DC

SEPTEMBER 2009 – OCTOBER 2010

- Led prospect research and proposal development with Executive Director

Development Intern, The SEED Foundation, Washington, DC

JUNE 2008 – NOVEMBER 2008

- Conducted prospect research for CEO, Raj Vinnakota, and provided logistical support for the opening of the SEED School of Baltimore

Department of the Treasury
Internal Revenue Service
Tax Exempt and Government Entities
P.O. Box 2508
Cincinnati, OH 45201

FRIENDS OF ANACOSTIA PARK
1500 K STREET NW SUITE 700
WASHINGTON, DC 20005

Date:
11/29/2021
Employer ID number:
87-3349249
Person to contact:
Name: Mrs. Moll-Malone
ID number: 31262
Telephone: Ex. 6 - Personal Privacy (PP)
Accounting period ending:
December 31
Public charity status:
170(b)(1)(A)(vi)
Form 990 / 990-EZ / 990-N required:
Yes
Effective date of exemption:
July 22, 2021
Contribution deductibility:
Yes
Addendum applies:
No
DLN:
26053712009681

Dear Applicant:

We're pleased to tell you we determined you're exempt from federal income tax under Internal Revenue Code (IRC) Section 501(c)(3). Donors can deduct contributions they make to you under IRC Section 170. You're also qualified to receive tax deductible bequests, devises, transfers or gifts under Section 2055, 2106, or 2522. This letter could help resolve questions on your exempt status. Please keep it for your records.

Organizations exempt under IRC Section 501(c)(3) are further classified as either public charities or private foundations. We determined you're a public charity under the IRC Section listed at the top of this letter.

If we indicated at the top of this letter that you're required to file Form 990/990-EZ/990-N, our records show you're required to file an annual information return (Form 990 or Form 990-EZ) or electronic notice (Form 990-N, the e-Postcard). If you don't file a required return or notice for three consecutive years, your exempt status will be automatically revoked.

If we indicated at the top of this letter that an addendum applies, the enclosed addendum is an integral part of this letter.

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: FRIENDS OF ANACOSTIA PARK

Address: Ex. 6 Personal Privacy (PP)

City: WASHINGTON

State: DC: District of Columbia Zip Code: 20020-4619

B. Unique Entity Identifier (UEI): Ex. 6 Personal Privacy (PP)

C. Applicant/Recipient Point of Contact

Name: Richard Trent

Phone: Ex. 6 Personal Privacy (PP)

Email: richard@thefoap.org

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

N/A

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

N/A

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

N/A

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☒ Yes ☐ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

N/A

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

N/A

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Richard Trent	Executive Director	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Mr. First Name: Richard Middle Name:
Last Name: Trent Suffix:

Title: Executive Director

Complete Address:

Street1: Ex. 6 Personal Privacy (PP)
Street2:
City: WASHINGTON State: DC: District of Columbia
Zip / Postal Code: 20020 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: richard@thefoap.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: Mr. First Name: Richard Middle Name:
Last Name: Trent Suffix:

Title: Executive Director

Complete Address:

Street1: Ex. 6 Personal Privacy (PP)
Street2:
City: WASHINGTON State: DC: District of Columbia
Zip / Postal Code: 20020 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: richard@thefoap.org

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: Mr. First Name: Richard Middle Name:
Last Name: Trent Suffix:

Title: Executive Director

Complete Address:

Street1: Ex. 6 Personal Privacy (PP)
Street2:
City: WASHINGTON State: DC: District of Columbia
Zip / Postal Code: 20020 Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**

E-mail Address: richard@thefoap.org

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: Prefix: | First Name: Lydia | Middle Name:

Last Name: Daniel | Suffix:

Title: Director of Programming

Complete Address:

Street1: Ex. 6 Personal Privacy (PP)

Street2:

City: WASHINGTON | State: DC: District of Columbia

Zip / Postal Code: 20020 | Country: USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**

E-mail Address: lydia@thefoap.org

EPA Form 5700-54 (Rev 4-02)

	Description	Percentage of Total Budget	Annual Total Request	Total Request
Personnel	Project Administrator (PA): Eileen O'Rourke is the President and Executive Director for the ESJA and will serve as the Project Administrator (PA). She will be responsible for overseeing the administration of the grant and working with the Project Manager and Partners on all grant reporting requirements. The PA will also oversee the management and disbursement of project funds to the Project Partners. This will include supervising financial tracking, bookkeeping, accounting, and reporting. The PA will operate at [redacted] FTE for the project [redacted] annually for a project total of [redacted] Legal & Policy Director (LPD), Danielle Diamond, will help develop viable social and environmental justice policy solutions, outlined in a comprehensive action plan and report with community-driven prioritized strategies and policy recommendations. The LPD will operate at [redacted] for the project. [redacted] annually for a project total of [redacted] over the course of 3 years = [redacted]		Ex. 6 Personal Privacy (PP)	
Fringe Benefit	N/A			$0.00
Travel	N/A			$0.00
Equipment	N/A			$0.00
Supplies	N/A			$0.00
Contractual	N/A			$0.00
Construction	N/A			$0.00
Indirect Costs	ESJA will utilize project funds for the administration of grant funding.ESJA does not have a federally negotiated rate agreement for this type of work and is therefore charging a 10% de minimis rate.	10.00%	$16,666.60	$44,950.00
Other	EJSA will administer a sub-award to Dr. Sacoby Wilson. Dr. Sacoby Wilson will provide workshops to members of ESJA, SHEN, and the communities they serve related to environmental justice and community engagement strategies, work with SHEN and ESJA to develop and implement community-based participatory research strategies so that various elements of the Collaborative Problem Solving model are incorporated into all aspects of the activities that are described in the proposed project through community forums, assist the principal investigators in the development and implementation of a comprehensive Health Impact Assessment related to the Seaford community that actively encourages and incorporates community feedback at each stage of the process, provide technical assistance workshops related to the assessment of environmental justice issues present in the targeted areas of the project, assist in the analysis and interpretation that results from the implementation of the proposed Health Impact Assessment, and assist in the development and implementation of community-driven policy initiatives that address structural issues that may be at the root of the environmental burdens that are addressed in this proposal.		Ex. 6 Personal Privacy (PP)	
	ESJA will administer a sub-award to CSI EJ. Dr. Chris Heaney, Director of CSI EJ, and his team will deploy 4 stationary MODULAIR-PM units with sonic anemometers to obtain real-time estimates of PM concentrations, particle size distribution, wind speed, and wind direction, collect settled dust samples from the surfaces of the air monitoring units using sterile dual-tipped cotton swabs in liquid Aimes medium (Trained community members will collect weekly swabs and ship them to our Environmental Health Microbiology and Immunology Laboratory (EHMIL) for processing and analysis), analyze surface swabs for the presence and magnitude of poultry-specific markers of fecal contamination using RT-qPCR protocols, provide expertise in community-based air monitoring and data analysis, assisting in the design and implementation of community-based air monitoring programs, and conduct drives through areas of interest with real-time gas analyzers to measure concentrations of NH3, H2S, CH4, and CO2 at 1-second intervals.		Ex. 6 Personal Privacy (PP)	
	EJSA will administer a sub-award to Sussex Health & Environmental Network (SHEN). SHEN will offer expertise in environmental justice and community engagement methodologies, leverage existing relationships with local community-based organizations in Seaford, collaborate in the development and implementation of community-based participatory research strategies, collaborate in the development and implementation of community-driven policy initiatives based on collected data, assist in assembling a Community Advisory Board (CAB), and provide expertise and support in local environmental and public health issues, community outreach, and capacity building. SHEN will purchase neccessary equipment for stationary Air Monitoring.	22%	$36,666.67	$110,000.00
	EJSA will administer a sub-award to Ephphatha Care Foundation (ECF). ECF will offer expertise on current health issues impacting the community, such as increased rates of asthma and other health disparities faced by the community, provide translation and interpretation services to ensure effective communication with Creole-speaking community members, assist in community outreach and engagement efforts, particularly among the Haitian community, provide local knowledge and expertise on health and wellness issues related to environmental concerns, ensure the Haitian community is represented on the Community Advisory Board (CAB) and throughout the project.	4%	$6,666.67	$20,000.00
	EJSA will administer a sub-award to Latino Initiative on Restorative Justice (LIRJ). LIRJ will offer expertise in environmental justice and community engagement methodologies, particularly in the Latinx community, leverage existing relationships with local Latinx community-based organizations and community members in Seaford, collaborate in the development and implementation of community-based participatory research strategies and implementation of community-driven policy initiatives based on collected data, ensure the Latinx community is represented on the Community Advisory Board (CAB) and throughout the project, provide expertise and support in local environmental and public health issues, community outreach, and capacity building, and translation of relevant materials for the Latinx community throughout the SHADID project.	5%	$8,333.33	$25,000.00
	EJSA will administer a sub-award to Community Advisory Board members. Stipends = $2,000 x 5 members x 3years	6%	$10,000.00	$30,000.00
			Total	$494,450.00

Phase	Output	Short-term Outcomes	Intermediate Outcomes	Long-term Outcomes
1	Formation of a 5-Member Community Advisory Board (CAB)	Enhanced community involvement and representation in the project.	Improved communication between community members, technical experts, and policymakers	Increased community resilience and decision-making power
	Training and capacity building for 100 community members	Community members equipped with knowledge and skills to monitor and assess environmental and health risks	Active community participation in addressing environmental and health challenges	Empowered community advocating for their health and well-being
1-2	Comprehensive surface swab and air quality data with 300 sample swabs, 5 stationary air monitoring stations, and 36 mobile air monitoring runs	Informed understanding of the pollution sources and their impacts on the community	Data-driven strategies for mitigating pollution and enhancing public health outcomes	Improved air quality and reduction in pollution-related health issues
2	Create a Health Impact Assessment (HIA) report	Identification of potential health effects of existing pollution sources and the proposed biogas facility	Development of appropriate mitigation measures based on the HIA findings	Enhanced health equity and reduced health disparities
	Create 1 comprehensive action plan and policy recommendation report	Prioritized solution-based strategies to tackle environmental and health issues	Policy changes that positively impact health equity and address cumulative impacts and health inequities	Improved well-being and quality of life for the community
3	Implementation of strategies outlined in the action plan	Tangible progress towards reducing pollution levels and improving public health	Continuous improvement in community health and environmental conditions	Sustainable community-led initiatives addressing environmental justice issues
	Dissemination of best practices and replication	Increased awareness and adoption of effective strategies for addressing environmental justice issues	Broader improvements in public health and environmental quality in other communities facing similar challenges	Widespread improvement in environmental and public health outcomes across diverse communities and regions
All Phases	Thorough evaluation of the project's successes and challenges in each phase	Informed understanding of the project's effectiveness and areas for improvement	Adaptation and refinement of strategies based on evaluation findings	Long-lasting positive impact on environmental and public health

Dr. Christopher Heaney
Director
Community Science & Innovation for Environmental Justice

April 12, 2023

Mr. Jacob Burney
Office of Environmental Justice & External Civil Rights
Environmental Protection Agency
Washington, D.C.

Subject: Letter of Commitment for the Seaford Health Assessment and Data for Informed Decisions (SHADID) Project

Dear Mr. Burney,

I am writing on behalf of Community Science & Innovation for Environmental Justice (CSI EJ) to express our commitment to the SHADID project, in partnership with Environmental & Social Justice Associates (ESJA), Sussex Health & Environmental Network (SHEN), and other stakeholders. We recognize the importance of addressing the environmental and public health challenges faced by the underserved community of Seaford, Delaware, and are committed to lending our expertise and resources to support the project's goals.

As a technical partner, CSI EJ will contribute the following support to the SHADID project:

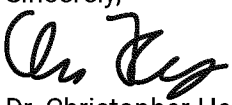
- Deploy 4 stationary MODULAIR-PM units with sonic anemometers to obtain real-time estimates of PM concentrations, particle size distribution, wind speed, and wind direction.
- Collect settled dust samples from the surfaces of the air monitoring units using sterile dual-tipped cotton swabs in liquid Aimes medium. Trained community members will collect weekly swabs and ship them to our Environmental Health Microbiology and Immunology Laboratory (EHMIL) for processing and analysis.
- Analyze surface swabs for the presence and magnitude of poultry-specific markers of fecal contamination using RT-qPCR protocols.
- Provide expertise in community-based air monitoring and data analysis, assisting in the design and implementation of community-based air monitoring programs.
- Conduct drives through areas of interest with real-time gas analyzers to measure concentrations of NH_3, H_2S, CH_4, and CO_2 at 1-second intervals.

Our involvement in the SHADID project extends beyond securing a sub-award or contract. As an institution dedicated to public health, we are committed to understanding and addressing gaps in regulatory permitting processes related to public health and air quality exposure. Our collaboration with the SHADID project will provide crucial insights into Seaford's exposure levels, which can inform policy changes at the local, state, and federal level.

By partnering with ESJA, SHEN, and community partners participating in the SHADID project, CSI EJ aims to contribute to the long-term health and well-being of Seaford's residents, while also advancing our own mission to improve public health and advance environmental justice on a broader scale. We are eager to leverage our expertise to address the pressing environmental justice and health inequity issues faced by the Seaford community.

As a designated environmental justice and climate action hub and a part of the Regional Air Monitoring of Poultry Emissions in Delmarva (RAMPED) project, which includes the Seaford, Delaware community and Sussex Health & Environmental Network, we feel we are particularly well suited to serve as a partner in the work of this proposed project. I have integrated the CPS Model into all of my community-engaged research, scholarship, and practice.

Sincerely,



Dr. Christopher Heaney
Director
Community Science & Innovation for Environmental Justice
Ex. 6 - Personal Privacy (PP)

Emanie Dorival, CNRP
Founder and CEO
Ephphatha Care Foundation

April 12, 2023

Mr. Jacob Burney
Office of Environmental Justice & External Civil Rights
Environmental Protection Agency
Washington, D.C.

Subject: Letter of Commitment for the Seaford Health Assessment and Data for Informed Decisions (SHADID) Project

Dear Mr. Burney,

I am writing to express the commitment of Ephphatha Care Foundation to the SHADID project. We have been deeply involved with the Haitian community in Seaford, advocating for their environmental and public health interests, particularly in the fight against the proposed regional scale biogas facility. This facility and its potential impacts threaten the health and safety of our Creole-speaking communities in the area.

As a partner in this project, Ephphatha Care Foundation will provide the following support:

- Offer expertise on current health issues impacting the community, such as increased rates of asthma and other health disparities faced by the community.
- Provide translation and interpretation services to ensure effective communication with Creole-speaking community members.
- Assist in community outreach and engagement efforts, particularly among the Haitian community.
- Provide local knowledge and expertise on health and wellness issues related to environmental concerns.
- Ensure the Haitian community is represented on the Community Advisory Board (CAB) and throughout the project.

Our organization has a vested interest in the success of the SHADID project, as we have been advocating for the Haitian community's health and well-being through our work centered on closing the gap of health care disparities in underserved areas. By participating in this partnership, we aim to address gaps in policy at the local, state, and federal levels while increasing civic engagement, community cohesion, and citizen empowerment, particularly for our Haitian community stakeholders. We look forward to continuing work with Sussex Health & Environmental Network and other partners to ensure the successful implementation of the SHADID project and its impact on the Seaford community.

Sincerely,



Emanie Dorival, CNRP
Founder and CEO
Ephphatha Care Foundation



Charito Calvachi-Mateyko
Executive Director
The Latino Initiative on Restorative Justice

April 12, 2023

Mr. Jacob Burney
Office of Environmental Justice & External Civil Rights
Environmental Protection Agency
Washington, D.C.

Subject: Letter of Commitment for the Seaford Health Assessment and Data for Informed Decisions (SHADID) Project

Dear Mr. Burney,

The Latino Initiative for Restorative Justice is proud to confirm our commitment to the SHADID project. Over the past two years, we have been working on the ground with the Latinx community in Seaford, fighting against the proposed regional scale biogas facility. The facility's potential impact on the health and safety of our Spanish-speaking communities surrounding the site is of great concern to us.

In support of the SHADID project, The Latino Initiative for Restorative Justice commits to:

- Offer expertise in environmental justice and community engagement methodologies, particularly in the Latinx community.
- Leverage existing relationships with local Latinx community-based organizations and community members in Seaford, Delaware.
- Collaborate in the development and implementation of community-based participatory research strategies.
- Collaborate in the development and implementation of community-driven policy initiatives based on collected data.
- Ensure the Latinx community is represented on the Community Advisory Board (CAB) and throughout the project.
- Provide expertise and support in local environmental and public health issues, community outreach, and capacity building.
- Translation of relevant materials for the Latinx community throughout the SHADID project.

Our vested interest in this partnership extends beyond the SHADID project. We are dedicated to increasing civic engagement, community cohesion, and citizen empowerment, particularly for our Latinx community stakeholders. This project aligns with our mission and will help us advance policies at the local, state, and federal levels to protect our communities from environmental health hazards.

Through our participation in the SHADID project, we are confident that we can contribute to a more accurate analysis of exposure in Seaford, helping to address gaps in policy and regulatory permitting processes concerning public health and air quality exposure, and ensure the Latinx community interests are represented in this project. We look forward to collaborating with other partners and playing a vital role in ensuring the project's long-term success.

Sincerely,



Charito Calvachi-Mateyko
Executive Director
The Latino Initiative on Restorative Justice

Maria Payan
Co-Founder and Director
Sussex Health & Environmental Network (SHEN)

April 12, 2023

Mr. Jacob Burney
Office of Environmental Justice & External Civil Rights
Environmental Protection Agency
Washington, D.C.

Subject: Letter of Commitment for the Seaford Health Assessment and Data for Informed Decisions (SHADID) Project

Dear Mr. Burney,

Sussex Health & Environmental Network (SHEN) is excited to express our commitment to the SHADID project. As a community-based organization focused on environmental justice and health equity in Sussex County, Delaware, we understand the importance of this project in addressing the underlying issues impacting local communities, particularly Black, Indigenous, and People of Color (BIPOC) and low-wealth communities.

In our ongoing fight against a proposed regional scale biogas facility, we have established strong relationships and alliances with organizations such as Ebenezer Haitian Seventh-Day Adventist Church, Ephphatha Care Foundation, and the Latino Initiative on Restorative Justice. These partnerships, along with our collaborations with the University of Maryland Center for Community Engagement, Environmental Justice, and Health (CEEJH) and the Johns Hopkins Bloomberg School of Public Health (JHBSPH), have strengthened our capacity to address environmental health threats and injustices in our community.

In support of the SHADID project, SHEN commits to:

- Provide Project Manager and Co-Manager from SHEN Staff
- Offer expertise in environmental justice and community engagement methodologies.
- Leverage existing relationships with local community-based organizations in Seaford, Delaware.
- Collaborate in the development and implementation of community-based participatory research strategies.
- Collaborate in the development and implementation of community-driven policy initiatives based on collected data.
- Assist in assembling a Community Advisory Board (CAB).
- Provide expertise and support in local environmental and public health issues, community outreach, and capacity building.

Our vested interest in this partnership goes beyond project SHADID. SHEN is dedicated to ensuring a clean and healthy environment for future generations in Sussex County. This project aligns with our mission and will help us advance policies at the local, state, and federal levels to protect our communities from environmental health hazards.

We are confident that our collaboration in the SHADID project will have a significant and lasting impact on the health and well-being of the Seaford community. We look forward to working together to achieve our shared goals.

Sincerely,

Maria Payan

Maria Payan
Co-Founder and Director
Sussex Health & Environmental Network

UNIVERSITY OF MARYLAND
SCHOOL OF PUBLIC HEALTH
Maryland Institute for Applied and Environmental Health

Sacoby Wilson, PhD, MS
Professor and Director
2234 School of Public Health Bldg
College Park, Maryland 20742-2611
Ex. 6 - Personal Privacy (PP) TEL, Ex. 6 - Personal Privacy (PP) FAX

April 11, 2023

Mr. Jacob Burney
Office of Environmental Justice & External Civil Rights
Environmental Protection Agency
Washington, D.C.

Dear Mr. Burney,

I am writing to express my commitment and that of my colleagues at the Center for Engagement, Environmental Justice and Health (CEEJH) at the University of Maryland to the proposal entitled, "The Seaford Health Assessment and Data for Informed Decisions (SHADID)" being submitted by the Sussex Health & Environmental Network (SHEN) in collaboration with their fiscal sponsor, the Environmental & Social Justice Associates (ESJA).

My name is Dr. Sacoby Wilson. I am a Professor and Director of the Center for Community Engagement, Environmental Justice, and Health (CEEJH). CEEJH was founded in 2011 as a laboratory and relaunched in 2021 as a Center to assist frontline and fenceline communities impacted by environmental, climate, and energy justice issues through technical assistance, scientific support, and use of community-engaged research approaches including the community-based participatory research (CBPR) framework and community science. CEEJH has been working throughout the Mid-Atlantic for over a decade with community-based organizations including Sentinels of the Eastern Shore (SESH). I also co-founded the Mid-Atlantic Environmental Justice Coalition (MAJC) with Namati which focuses on bringing frontline and fenceline communities together to develop a regional agenda to address environmental, climate, and energy justice concerns in the Mid-Atlantic. The Maryland EJ Coalition is actively engaged in these efforts in the state of Maryland.

Recently, CEEJH received a grant from the Robert Wood Johnson Foundation (RWJF) to launch the Mid-Atlantic Climate Action Hub (MATCH) whose goal is to provide technical assistance to communities impacted by environmental and climate justice issues. We have engaged community-based organizations in Prince George's County, Virginia, Eastern Shore/Southern Delaware, Philadelphia, and Baltimore to act as hubs for MATCH. SESH is a community hub for MATCH. In addition, I am Co-Director of the Community Engagement Core (CEC) for CHARMED, a NIH funded Center to provide scientific support to communities impacted by environmental health issues in the Maryland region. SESH is on the community partnerships board of the CEC. Additionally, I am co-Director of the recently funded Thriving Communities Technical Assistance Center (TCTAC)(National Wildlife Federation is the lead and the UMD EFC is a core partner) for Region III. Through this TCTAC, we have a hub structure using the same hub structure for MATCH. Through this TCTAC, we will provide technical assistance to communities impacted by environmental and energy justice issues to help them build their capacity to address their local concerns. The technical assistance will include providing grantwriting assistance. Additionally, with Namati (lead organization), I am helping to develop and implement the Mid-Atlantic Environmental Justice Academy which was funded through an EPA Collaborative Problem-Solving Grant. Through this funding, we will be training members of impacted communities and other stakeholders to develop their skills to address their local environmental justice concerns. Furthermore, through funding from Meta, I have launched the Climate Justice Fellows Program, a sister program to the Mid-Atlantic EJ

Academy, to train residents and other stakeholders on climate justice, equity, and health issues. Participants are required to complete a Capstone project as a way to provide direct support to a community experiencing climate justice, equity, and/or health issues.

CEEJH is excited to participate as a partner to provide the following technical assistance to SHEN and ESJA throughout the three years of grant funding that they receive from the EPA:

1. We will provide workshops to members of their organizations and the communities they serve related to environmental justice and community engagement strategies.

2. By way of community forums, virtual and in-person, we will work with SHEN and ESJA to develop and implement community-based participatory research strategies so that various elements of the Collaborative Problem Solving model are incorporated into all aspects of the activities that are described in the proposed project.

3. We will assist the principal investigators in the development and implementation of a comprehensive Health Impact Assessment related to the Seaford, Delaware community that actively encourages and incorporates community feedback at each stage of the process.

4. We will provide technical assistance workshops related to the assessment of environmental justice issues present in the targeted areas of the project.

5. We will assist in the analysis and interpretation that results from the implementation of the proposed Health Impact Assessment.

6. We will assist in the development and implementation of community-driven policy initiatives that address structural issues that may be at the root of the environmental burdens that are addressed in this proposal.

As a designated environmental justice and climate action hub, future impact of the Region III TCTAC, and close collaboration with the Mid-Atlantic Environmental Justice Coalition, we feel we are particularly well suited to serve as a partner in the work of this proposed project. I personally have almost 25 years of experience using the EPA Collaborative Problem-Solving Model dating back to my contribution to the efforts of the West End Revitalization Association to address the lack of basic amenities and the planned expansion of the 119 Bypass in the late 90s. I have integrated the CPS Model into all of my community-engaged research, scholarship, and practice since then. Should EPA have any questions about the outlined commitments, please reach out via the contact information noted below.

Sincerely,



Dr. Sacoby Wilson, Professor and Director
Center for Community Engagement, Environmental Justice, and Health (CEEJH)
School of Public Health
Ex. 6 - Personal Privacy (PP)
Ex. 6 - Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)
Phone: Ex. 6 - Personal Privacy (PP) | Email: Ex. 6 - Personal Privacy (PP)
Website: Ex. 6 Personal Privacy (PP)

EDUCATION

1982 **Pennsbury High School**, Fairless Hills, PA
Honor Roll 1980-1982

PROFESSIONAL EXPERIENCE

Sentinels of Eastern Shore Health, *Lower Eastern Shore of Maryland* 2019-Present
Co-Founder
Build a collective voice for positive solutions and inclusiveness in representation working towards healthy communities, which includes environmental health, public health, economic health and social health on the Lower Eastern Shore.

Sussex Health & Environmental Network, *Selbyville, DE* 2018-Present
Co-Founder
Build coalitions to advocate for sustainable solutions to current environmental health threats and environmental justice issues, such as contaminated water and air, with impacted community stakeholders leading the strategy.

Socially Responsible Agriculture Project, *Claymont, DE* 2010-Present
Senior Regional Representative
Responsible for client intake, assessment and community organizing. Responsible for researching regulatory framework and environmental and health education. Campaign building to achieve positive results and creation of sustainable communities with sound environmental policies.

Assateague Coastal Trust, *Berlin, MD* 2019-2022
Consultant
Community organizing to uplift the voices of impacted overburdened communities to ensure their participation in developing sustainable community-oriented solutions.

Peach Bottom Concerned Citizens Group, *Delta, PA* 2006-2010
Founding Member & Executive Director
Responsible for community organizing, and media campaigns. Responsible for outreach to local environment non-profits and health researchers, developing strategies for media campaigns. Responsible for fundraising and grant writing.

PRESENTATIONS AND OTHER EXPERIENCE

Delaware Justice40 Oversight Committee Task Force - Member 2022-Present
Sussex County Task Force overseeing Justice40 funds allocation

Delaware Chapter MidAtlantic Justice Coalition - Member 2021-Present
Building people power, just society, good economic opportunities and a safe environment

Delmarva Rural Ag Community Science Project 2020-Present
Manage citizen sampling in Community Based Participatory Research on Delmarva

Driving Justice Through Citizen Science, Coalition Building, and Advancing Policy 2022
Orchestrate seminar with deep dive into Citizen Science and Policy Change

University of Maryland College Park 2014-2022
Annual Symposiums on Environmental Justice and Health Disparities

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SRAP Live 2020
Organize 6 day online summit on industrial agriculture and public health
Indian River Senior Center - Delaware 2015
Release of Rapid Health Impact Assessment
Codorus Township - Pennsylvania 2015
Passage of First Pennsylvania Health Permit for CAFOs
University of Pennsylvania Law School 2014
Acting Locally, Thinking Globally

PUBLICATIONS

1. Redacted
   Redacted (2021). The False Promises of Biogas: Why Biogas Is an Environmental Justice Issue. *Environmental Justice*.

AWARDS AND RECOGNITION

2022 *Delaware's Most Influential People for 2022, The News Journal*

SKILLS

- Community Organizing
- Site Investigations
- Data Analysis
- Youth Education
- Team Building
- Research Collection
- Media Relations
- Written and Verbal Communication
- Community Campaigns

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Ex. 6 Personal Privacy (PP) Selbyville, Delaware
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EDUCATION

University of Delaware Newark, DE
Bachelor of Science, Marketing and *Management* Dec 2021
University of Delaware Georgetown, DE
Associate in Arts May 2019

WORK EXPERIENCE

Namati Washington, DC
Consultant Jan 2022 - Present
Digital marketing to build people power, good economic opportunities, and a safe environment.

Sentinels of Eastern Shore Health Lower Eastern Shore of Maryland
Co-Founder 2019 - Present
Build a collective voice for positive solutions and inclusiveness in representation working towards healthy communities, which includes environmental health, public health, economic health and social health on the Lower Eastern Shore.

Sussex Health & Environmental Network Selbyville, DE
Co-Founder 2018-Present
Build coalitions to advocate for sustainable solutions to current environmental health threats and environmental justice issues, such as contaminated water and air, with impacted community stakeholders leading the strategy.

Payan LLC Digital Marketing Solutions Delaware Based
Owner/Operator 2018 - Present
Create and manage successful digital marketing strategies and campaigns for non-profit organizations and individuals working to advance social justice and environmental justice in collaboration with a small and highly-skilled team.

Socially Responsible Agricultural Project Claymont, DE
Regional Representative 2017 - Present
Advocate for the environmental well-being of the local community in agricultural and industrial practices. Organize communities with strategic progress-driven plans. Develop and implement strategies for social media and mass email marketing campaigns resulting in substantial growth to email lists and page following. Organize community events including fundraisers, meetings and educational events with a regular attendance of about 50 members. Create websites and implement successful strategies to increase web traffic and track data analytics.

Assateague Coastal Trust Berlin, MD
Consultant 2020 - 2022
Community organizing to uplift the voices of impacted overburdened communities to ensure their participation in developing sustainable community-oriented solutions.

PRESENTATIONS AND EXPERIENCE

Maryland Chapter MidAtlantic Justice Coalition - Member 2021-Present
Building people power, just society, good economic opportunities and a safe environment

Delmarva Rural Ag Community Science Project 2020-Present
Track citizen volunteer sampling in Community Based Participatory Research on Delmarva

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University of Maryland College Park 2022
Panel Moderator at Annual Symposium on Environmental Justice and Health Disparities
Driving Justice Through Citizen Science, Coalition Building, and Advancing Policy 2022
Orchestrate seminar with deep dive into Citizen Science and Policy Change
Climate Change Rally Speaker, Kells Park, Newark DE October 2021
Spoke alongside Senator Stephanie Hansen, Rep. Larry Lambert, and NAACP Exec Committee Member, LaVaida Owen White and others on the importance of addressing climate change.
SRAP Live Producer 2020
Produce 6 day online summit on industrial agriculture and public health

SKILLS

- Social Media Marketing
- Email Marketing
- Web Design using CMS systems
- Graphic Design: Canva
- Video Production: Final Cut Pro
- Basic Spanish
- Community Organizing
- Public Speaking
- Project Management Software: Slack, Microsoft Teams, Asana
- G-suite/ Google Workspace
- Microsoft Office
- Data Analytics for Web Traffic and Social Media
- Podcasts
- Marketing Strategy
- Business Strategy

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Ex. 6 Personal Privacy (PP)

PROFESSIONAL PROFILE

Driven and conscientious attorney trained in applied anthropology with 10+ years of field experience working at the intersection of social justice, food, agriculture, and environmental policy to drive complex campaigns and positively impact communities.

CONTACT

Ex. 6 - Personal Privacy (PP)

Golden, CO

Ex. 6 - Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

WORK EXPERIENCE

HARVARD LAW SCHOOL
Brooks McCormick JR, Animal Law & Policy Program
Cambridge, Massachusetts | September 2021 – Present

- Visiting Fellow

SOCIALLY RESPONSIBLE AGRICULTURE PROJECT
Golden, Colorado | July 2009 – August 2021

- Executive Director
- Director of Field Operations
- Senior Director of Research & Resources
- Consultant

DIAMOND LEGAL, PC
Formerly Diamond & LeSueur, PC
McHenry, Illinois | August 2009 – Present

- Of Counsel
- Associate Attorney

NORTHERN ILLINOIS UNIVERSITY
Department of Anthropology
DeKalb, Illinois | August 2005 - August 2021

- Research Associate
- Head Teaching Assistant
- Research Assistant

LICENSES & CERTIFICATIONS

LICENSED IN THE PRACTICE OF LAW
State Bar of Illinois | 2004
U.S. District Court for the Northern District of Illinois | 2004

CERTIFICATE IN APPLIED ANTHROPOLOGY
Northern Illinois University | 2007

EDUCATION

JURIS DOCTOR
College of Law
Northern Illinois University

MASTER OF ARTS
Anthropology
Northern Illinois University

BACHELOR OF INTEGRATED STUDIES
Anthropology | Archaeology | English
Weber State University

SKILLS

- Legal research and writing
- Community organizing
- Community-driven campaigns
- Litigation consulting
- Policy advocacy
- Case development
- Policy analysis and creation
- Coalition and partnership building
- Strategic communications
- Program development
- Project management
- Organizational leadership

BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors.
Follow this format for each person. DO NOT EXCEED FIVE PAGES.

NAME: Ex. 6 Personal Privacy (PP)

eRA COMMONS USER NAME (credential, e.g., agency login) Redacted

POSITION TITLE: Associate Professor of Environmental Health and Engineering, Epidemiology, Int'l Health EDUCATION/TRAINING

DEGREE *(if applicable)*	Completion Date MM/YYYY
BA	1999
MS	2004
PhD	2008
Postdoctoral fellowship	2009-2011

University of North Carolina, Chapel Hill Anthropology/Envir Sci University of North Carolina, Chapel Hill Envir Health Micro/Virol University of North Carolina, Chapel Hill Epidemiology

University of North Carolina, Chapel Hill W.K. Kellogg Health Scholars Program – Community Track

A. Personal Statement

I am an environmental and occupational epidemiologist with training in exposure sciences, microbiology, immunology, toxicology, and community-based participatory research (CBPR). I am Associate Professor of Environmental Health and Engineering, Epidemiology, and International Health and founding Director of the Environmental Health Microbiology and Immunology Laboratory (EHMIL), the Salivary Biomarkers of Infectious Diseases (SPID) Program, and Community Science and Innovation for Environmental Justice (CSI EJ) Initiative at the Johns Hopkins Bloomberg School of Public Health (JHSPH). I lead research that bridges the population and laboratory sciences with applications in four focus areas. First, is the developmental origins of disease via pregnancy and birth cohorts designed to advance understanding of how occupational and environmental exposures alter immune function and infectious disease pathogenesis during pregnancy and early life. Second, is zoonotic One Health "spillover" in workplaces with intensive human-livestock contact. Third, is the development and validation of non-invasive oral fluid-based immunological biomarkers of workplace pathogen exposure and infection to improve understanding of the natural history and ecology of infectious diseases, particularly those that are occupationally-mediated. Fourth, is CBPR focused on addressing community-identified environmental health and environmental justice concerns. I acquired the expertise needed to carry out the proposed pilot project through my leadership of a multidisciplinary team to address environmental health concerns of industrial food animal production (IFAP) air pollution in partnership with community leaders on the DelMarVa peninsula, government agencies, and academics.

B. Positions, Scientific Appointments, and Honors

Positions

2022- Director, Community Science and Innovation for Environmental Justice (CSI EJ) Initiative, Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD

2020- Director, Johns Hopkins Salivary Biomarkers of Infectious Diseases (SPID) Program, Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD

2017- Associate Professor, Environmental Health Sciences (primary), Epidemiology (joint), and International Health (joint), Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD
2013- Adjunct Faculty, Institute for Interdisciplinary Salivary Bioscience Research, University of California, Irvine, CA
2012- Director, Environmental Health Microbiology and Immunology Laboratory (EHMIL), Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD
2011-2017 Assistant Professor, Environmental Health Sciences (primary), Epidemiology (joint), Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD
2010-2020 Fixed-term Faculty, Department of Environmental Sciences and Engineering, UNC Chapel Hill
2009-2011 W.K. Kellogg Health Scholar, Community Track, UNC Chapel Hill
2008-2009 Postdoctoral Fellow, Occupational and Environmental Epidemiology, UNC, Chapel Hill
2007-2008 USEPA Pre-doctoral Trainee, Epidemiology Branch, USEPA, Chapel Hill, NC 2007-2008 Teaching Assistant, Department of Epidemiology, UNC Chapel Hill
2004-2006 NIEHS Pre-doctoral Trainee, Occupational and Environmental Epidemiology, UNC Chapel Hill
1998-2004 Research Assistant, Department of Environmental Sciences and Engineering, UNC Chapel Hill

Other Experience and Professional Memberships

2009-2010 STAR Grant Section Review Panel, Understanding the Role of Nonchemical Stressors and Developing Analytic Methods for Cumulative Risk Assessments. USEPA.
2011 Veni Grant Review Panel, Innovational Research Incentives Scheme, Netherlands Organisation for Scientific Research; Netherlands Organisation for Health Research and Development 2015 Reviewer, Research Opportunities Program, Occup. Health & Safety, Ontario Ministry of Labour 1998-present Member, American Society for Microbiology
2004-present Member, North Carolina Environmental Justice Network
2005-present Member, American Public Health Association, International Society for Environmental Epidemiology, Society for Epidemiologic Research

Honors

2004-2006 Ruth L. Kirschstein National Research Service Award, UNC Chapel Hill 2007 Best Manuscript *Progress in Community Health Partnerships: Research, Education, and Action* 2007 Fellow, Environmental Leadership Program
2007-2008 USEPA Cooperative Traineeship Award
2008 Sigma Xi, International Scientific Research Honor Society
2009-2011 W.K. Kellogg Health Scholars Program - Community Track, UNC Chapel Hill
2010-2011 Steve Wing International Academic Environmental Justice Award
2012-2015 National Institute for Occupational Safety and Health K01 Career Development Award 2015 6th Annual Public Health Symposium Keynote Lecture, Colorado State University, Ft Collins, CO

C. Contributions to Science

Complete List of Published Work in MyBibliography:

Ex. 6 Personal Privacy (PP)

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Salisbury, MD 21801230Hococododdddd

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OBJECTIVES

Provide comprehensive Primary Care.

PROFESSIONAL ACCOMPLISHMENT

Founder of Ephphatha Medical Care Services In the State of Delaware and Maryland

EDUCATION

Chamberlain College of Nursing

July 2015 -March 2018

Masters of Science in Nursing

Board Certified Family Nurse Practitioner (AANP)

Florida A&M University

August 1998-April 2001

BSN

Florida State University

August 1996 -May 1999

Bachelor of Science in Education

Rehabilitation Services

Minor in Psychology

EXPERIENCE

EPHPHATHA MEDICAL CARE SERVICES

CHIEF MEDICAL OFFICER

560 Riverside Dr, unit 206A

Salisbury MD 21801

&

1350 Middleford Rd suite 501

Seaford DE Delaware

December 2019 to Present

Provide Primary care and care for the entire family. Treat acute and chronic illnesses. Analyze

and interpret patient's history, symptoms, physical findings, and diagnostic result to formulate a proper diagnosis and necessary treatment, counsel patients about drug regimens

CHOPTANK Community Health System

215 Bloomingdale Ave

Federalsburg, MD 21632

Family Nurse Practitioner

August 6, 2018 – May 30, 2019

Provide Primary care and care for the entire family. Treat acute and chronic illnesses. Analyze and interpret patient's history, symptoms, physical findings, and diagnostic result to formulate a proper diagnosis and necessary treatment, counsel patients about drug regimens.

Kaiser Permanente Hospital

1425 south main street, Walnut Creek CA 94596

Staff RN III

March 2008 – June 18, 2018

Provide comprehensive care to cardiac patient with multiple diagnoses. Promote effective communication between patients and families. Implement doctor's orders. Collaborate with multidisciplinary team to coordinate patient's plan of care. Explain medical procedures & treatment to patients and family members.

PROFESSIONAL SKILLS

Performed physical assessment, general wellness exam for both male & female. Prescribed appropriate medications, interpreting diagnostic tests results and diagnosed and treated acute & chronic illness such as: pneumonia, hypertension, diabetes, vaginitis, STIs, COPD, asthma, GERD, I&D, IUD removal & insertion, Nexplanon insertion, knee, shoulder and elbow injections, shave and punch biopsy, pap-smear, Diabetic care, Hypertension, ETOH withdrawal, Asthma, Stroke assessment, Titrating cardiac drugs. Venipuncture, ACLS, BLS, EKG,

Affiliation

Maryland Academy of Nurse Partitioners

American Academy of Nurse Practitioners

Sigma Theta Thau International Nursing honor Society

Foreign Language:

Fluent in French and Creole.

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Ex. 6 Personal Privacy (PP) ♦ Newark, DE 19711

Phone: Ex. 6 - Personal Privacy (PP) ♦ Ex. 6 - Personal Privacy (PP)

Restorative Justice
Consultant and Practitioner / Trainer

- Extensive experience as a Trainer specializing in Restorative Justice and Peacemaking Circles (trauma and resilience identification, awareness and healing methods applied to groups of people) to provide training and teach Circles to organizations and governments.
- Demonstrated expertise in Restorative Justice and its diverse applications by leading groups of individuals through restorative methods to provide a public forum and structure to communicate their trauma in a significantly personal and healing manner. This group process requires an experienced practitioner who can mobilize individuals to discuss resilience and trauma in a positive and curing manner.
- Proven history in training across various disciplines besides conflict transformation and restorative justice, including community relations with social equity orientation.
- Language Fluency: English and Spanish; knowledgeable in Hispanic/Latino and Indigenous Cultures.

AREAS OF EXPERTISE

- Restorative Justice
- Peacemaking Circle
- Racial Justice
- Hispanic/Latino/Indigenous Culture
- Healing arts/Double Reiki Master

EDUCATION

- **Pontifical Catholic University of Ecuador, PUCE** - Quito, Ecuador 1977 to 1988
  Doctorate Degree in Law; Attorney at Law; Bachelor's Degree in Law
- **Eastern Mennonite University** - Harrisonburg, VA - M.A. in Conflict Transformation 2005 to 2006
  Fields of study: Restorative Justice, Trauma Healing, Arts and Peacebuilding; Strategies for Trauma Awareness and Resilience; Circle Processes for Conflict Transformation.
  Practicum: Restorative Justice practices among indigenous people in Ecuador.

PROFESSIONAL EXPERIENCE

Virtual Racial Justice Healing Circles
- Program developer/Circle keeper for the community at large 2019 to Present

Healing Each Other Program
- Program developer, facilitator at Georgetown Work Release Program 2017 to pandemic

Rosario Calvachi-Mateyko & Associates, LLC - Lewes, DE 2009 to Present
Principal consultant
- International trainer on Restorative Justice, Circles and STAR-based training

Latino Initiative on Restorative Justice, Inc. - Lewes, DE 2009 to Present
Executive Director
- Trainer for diverse field applications of restorative justice

Delaware Humanities - Wilmington, DE 2009 to Present

COMMUNITY ACTIVITIES

- Founder member of NOW Delaware 2021 - curent
- Legislative Education Subcommittee African American History 2021
- Co-founder, weekly virtual Church of the People/Iglesia del Pueblo under national Poor People's Campaign 2020 - current
- Delaware Poor People's Campaign, Steering Committee member 2020 - 2021

- Interpreter, Unity Across Language & Lenguage Warriors 2020 - current
- Chair, *Votamos We Vote* Coalition 2019 - current
- Coordinator, Delaware Civil Rights Coalition 2017 - current
- Board member ACLU-DE 2016 - 2022
- Sussex Unity member, Lewes, Delaware. 2014 - 2016
- Member of the Delaware Heritage Commission appointed by Delaware Governor Markell 2011 - current
- Co-Chair, Delaware Hispanic Commission appointed by two last Delaware Governors 2011 - 2022
- Member, Delaware Coalition for Justice 2010 - 2013
- Chair, Historic and Cultural Committee from GACHA 2009 - 2011
- Founder Member, Executive Director, of Latino Initiative on Restorative Justice Inc. 2009 - current

AWARDS

- AP Chesapeake Chapter - Ocean City, MD - Best Documentary; - Latino segments with Don Rush at WSCL 90.7 FM 2020
- AP Chesapeake Chapter - Ocean City, MD - Best Documentary; - Latino segments with Don Rush at WSCL 90.7 FM 2018
- Center for Community Peacemaking. Lancaster, PA.
  - Restorative Justice Achievement Award 2016
- YWCA - Lancaster, PA - Annual Racial Justice Award 2008
- AP Chesapeake Chapter - Ocean City, MD - 2017 Best Documentary; 2016 Best Documentary; 2006, 2010 Exceptional Report; 2007 Best Feature; 2006 Best Documentary
  - Latino segments with Don Rush at WSCL 90.7 FM
- YWCA - Lancaster, PA - Pink Rose Award for Increased Community Involvement on The Day of Commitment 2003
- Lancaster Campaign - Lancaster, PA - Woman/Minority Business Owner Award 2000
- Catholic Bishops Conference - Quito, Ecuador - Representative for Young Women when Pope John Paul II visited Ecuador 1985

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Phone: Ex. 6 - Personal Privacy (PP) | Email: Ex. 6 - Personal Privacy (PP)
Website: Ex. 6 Personal Privacy (PP)

EDUCATION

2005 **University of North Carolina, School of Public Health**, Chapel Hill, NC
Doctor of Philosophy in Environmental Health Sciences
USEPA STAR Fellowship (2000-2003)
NIEHS Minority Supplement (2003-2005)
Advisors: Dr. Mark Sobsey, PhD and Louise Ball, PhD

2000 **University of North Carolina, School of Public Health**, Chapel Hill, NC
Master of Science in Environmental Health Sciences
USEPA STAR Fellowship (1998-2000)
Advisor: Dr. Mark Sobsey, PhD

1998 **Alabama Agricultural & Mechanical University,** Normal, AL
Bachelor of Science in Biology/Ecotoxicology (minor: Environmental Science)
AAMU Honors Award; (Graduated magna cum laude)

PROFESSIONAL EXPERIENCE

2022-Present **Full Professor (Promoted, Appointment Begins Summer 2022**), Maryland Institute for Applied Environmental Health, School of Public Health, University of Maryland, College Park, MD

2017-Present **Associate Professor (promoted with tenure in May 2017)**
Maryland Institute for Applied Environmental Health, School of Public Health, University of Maryland, College Park, MD

2011-Present **Director,** Community Engagement, Environmental Justice and Health (CEEJH), Maryland Institute for Applied Environmental Health, University of Maryland, College Park, DMD

2011-2017 **Assistant Professor,** Maryland Institute for Applied Environmental Health School of Public Health, University of Maryland, College Park, MD

2011-2017 **Assistant Professor,** Department of Epidemiology and Biostatistics, School of Public Health, University of Maryland, College Park, MD

2007-2011 **Research Assistant Professor,** University of South Carolina, Institute for Families in Society with Appointments in the College of Social Work and Department of Epidemiology and Biostatistics, Columbia, SC

AWARDS, FELLOWSHIPS, AND OTHER RECOGNITION (SELECT)

2022 APHA David P. Rall Award for Advocacy in Public Health
2022 Robert Bullard Environmental Justice Award, Sierra Club
2021 Cavalier Award, Maryland League of Conservation Voters
2020 The Muriel R. Sloan Communitarian Award, School of Public Health, UMD
2018 Audubon Naturalists Society Taking Nature Black Environmental Champion
2016 UMD Council of the Environment Junior Faculty of the Year Award
2015 The George F. Kramer Practitioner of the Year Award, School of Public Health, UMD
2015 APHA Environment Section Damu Smith Environmental Justice Achievement Award
2013 The Muriel R. Sloan Communitarian Award, School of Public Health, UMD

2011 American Public Health Association Leadership Award
2011 Dr. Martin Luther King Jr. Social Justice Award, University of South Carolina
2009 EPA Environmental Justice Achievement Award
2008 North Carolina Environmental Justice Network Steve Wing International Environmental Justice Award Sponsored by the North Carolina Environmental Justice Network
2008 EPA Environmental Justice Achievement Award given to the West End Revitalization Association, Mebane, NC, member of WERA's project management team

BOARDS, LEADERSHIP POSITIONS, AND OTHER SERVICE (SELECT)

2022-Present **Member,** NEJAC Cumulative Impacts Workgroup
2022-Present **Member**, Advisory Board, Clean Air Task Force
2021-Present **Member**, ASPPH Climate Change and Health Task Force
2021-Present **Member**, Air Quality Team, Fifth National Climate Assessment
2021-Present **Member**, Science Advisory Board, US Environmental Protection Agency
2021-Present **Member**, Advisory Board, Aclima
2020-Present **Editor-in-Chief**, *Environmental Justice*
2020-Present **Member**, Board, Citizen Science Association
2020-Present **Member,** NAS Board on Environmental Studies and Toxicology (BEST)
2019-Present **Member**, Climate Equity Advisory Board, Kresge Foundation
2017-2021 **Member**, National Environmental Justice Advisory Council (NEJAC)
2021-Present **Member and Co-Chair**, NEJAC Air Quality Workgroup
2021-Present **Member and Co-Chair**, NEJAC Financial Matters and Justice40 Workgroup
2020-Present **Co-Founder**, Mid-Atlantic Justice Coalition (MAJC)
2017-Present **Member**, External Advisory Board, Gulf Coast HBCU-CBO Health Equity Consortium
2010-2018 **Board Member**, Community-Campus Partnerships for Health (CCPH)
2011-2014 **Member**, CDC/NCEH Scientific Board of Counselors (2011-2014)

RELEVANT FUNDED PROJECTS

2022-2027 Region III Thriving Communities Technical Assistance Center (TCTAC), Funder: US EPA, PI: National Wildlife Federation, Role: Co-Director, Amount: $10,000,000
2022-2027 Region III Environmental Finance Center, Funder: US EPA, PI: Director, Jen Cotting, Role: Partner, Amount; $5,000,000
2022-2024 Mid-Atlantic Climate Action Hub, Funder: Robert Wood Johnson Foundation, Role: PI, Amount: $2,200,000
2022-2025 MDE ARP Air Quality Monitoring Project, Funder: US EPA, Role: Academic Partner, Amount: $500,000
2021-2022 Update of Maryland Environmental Justice Screen (EJSCREEN) 3.0: Adding Rural, Agricultural, and Children's Health Indicators, Funder: US EPA Region III, Role: PI, Amount: $100,000
2022 Gift to CEEJH, Funder: Waverly Foundation, Role: PI, Amount: $750,000
2022 Gift to CEEJH, Funder: Yellow Chair Foundation, Amount: $450,000
2021 Gift to CEEJH, Funder: Meta, Role: PI, Amount: $1,750,000
2021 Bezos Earth Fund, Grant to the University of Maryland for CEEJH to participate in Bezos Earth Fund Data Collaborative, Role: PI, Amount: $800,000

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Strategic Business Consultant and Entrepreneur offering expertise in:

Short- & Long-Term Strategic Planning | Program Administration | Sustainable Agriculture Systems | Natural Resource Stewardship | Technology Integration | Food System Logistics Innovation

- **Visionary, strategic, engaging leader with a focus on the triple bottom line** – financial, social, and environmental stewardship through sustainable agriculture and regenerative farming.
- **6 years of relevant experience leading a sustainable agriculture organization** with a focus on strengthening local food systems and small-scale farming to feed people in under-resourced communities. 20+ years as an environmental consultant in natural resource management.
- **5+ years of direct staff leadership**; **15+ years of project team leadership.** Outstanding ability to recruit, engage, and mobilize multi-faceted teams to achieve ambitious, complex goals.
- **Big-picture systems thinker with scientific background and talent for integrating diverse perspectives** and resources into peak-performing interdependent systems.
- **Influential relationship-builder** who builds trust needed for public and private partnerships.
- **Respected as a values-driven, committed, thought leader and driver of transformational, sustainable agricultural practices**.

Work Experience

Principal| ECO Mission Solutions **2021 to Present**

Strategic business development consulting services to startup businesses in the agricultural and local food industry sector.

- **Developing fundraising plans** for ag-food businesses and partnering with funders to advance inclusive and sustainable food system solutions.
- **Building business plans** for ag-food startups. Most recently developed business plan for East Denver Food Hub.
- **Facilitating hub-to-hub coordination** to build local food networks such as Rocky Mountain High Plains Food Chain Collaborative.
- **Identifying infrastructure gaps** to enhance aggregation and distribution of regional products with a focus on food equity and sustainable technologies.
- Assisting with the **development of institutional procurement** practices and policy.

CEO | Founder, RADIANT INNOVATION **2020 to Present**

Early phase technology startup and consulting services

- **Identified opportunity to transform food system storage and distribution infrastructure** to better manage movement and preservation of perishable food. Envisioned a dynamic, cost-effective "post-harvest" and "last-mile" micro food hubs using sustainable, off-grid refrigeration design.
- **Engaged diverse teams of scientists and engineers**, researchers at Colorado School of Mines, NREL, as well as **entrepreneurs, patent attorneys, and strategic investment partners** in support of a rapid launch schedule.
- **Envisioned, researched, and co-developed an easily deployable, off-grid, refrigerated storage unit**, outfitting a shipping container with patentable hardware and software. Other uses: emergency food storage, vaccine distribution, and temporary mortuaries.
- **Currently positioning the company for new hires to support future development phases of the business.**

CEO | Founder, GOFARM **2014 to 2021**

A 501(c)3 nonprofit organization focused on systems-approach to building a plentiful supply of affordable, sustainably grown local food for healthy bodies, communities, and the planet.

- **Drove launch and development of all strategies, annual action plans, budgets, key initiatives, and programs for a sustainable nonprofit organization.**
- **Selected, onboarded, and mentored a peak-performing staff of 13** in program management, public health, agriculture, marketing/fundraising, food supply logistics, and community development, as well as bilingual community relations specialists and seasonal interns.
- **Developed strategic action plan for racial equity**: an equity statement, cultural responsiveness, and inclusion as key considerations in operations. Oversee staff participation in food equity committees.
- **Recruited, engaged, and collaborated with a powerful board of directors**.
- **Optimized impact of a $1.5M operating budget**. Oversee reporting to federal, state, county, city, and private funders representing ~65% of the revenues of the organization.

Researched, developed, and launched 3 major, interdependent programs:

- **Farmer Assistance** – Facilitated land access and mentoring for successful launch and profitable scale of 13 independent farm businesses operated by young, passionate farmers.
- **Local Food Share** –A community-supported agriculture model providing efficient distribution of produce to 800+ shareholders annually and buying from 48 small-scale production farmers.
- **Community Food Access** – A grant-funded approach to providing fresh local produce to 1,200 families annually in under-resourced communities while ensuring fair market prices for farmers.

Directed development of new technology:

- Led development of an innovative GIS assessment tool for efficient placement of micro food hubs (last mile distribution locations). Users include Jefferson County, the City of Lakewood, food banks, and other government stakeholders needing help finding good locations for food markets.

Noteworthy achievements:

- Jefferson County Public Health awarded GoFarm Public Health Champion of the year – 2016.
- Achieved >$2.0M in grant funding from private, state, and local organizations.
- Built a robust, sustainable organization.

Environmental Consulting Experience **2005 to 2015**

AQUA TERRA CONSULTANTS (2009-2015) – *Water resources consulting*

- Built and managed innovative project teams of 2-12, including environmental engineers and scientists as well as finance specialists to deliver on contract objectives.
- Developed proposals for federal, state, and local initiatives aimed at defining land use impacts on watersheds around the country for successful acquisition of contracts valued at $2-3M with multiple projects valued at $20K to $1M.
- Designed curricula for a workshop on US EPA's Climate Assessment Tool (CAT), a tool to help watershed managers assess and manage the impacts of climate change at a watershed scale.
- Provided technical assistance in development of a watershed management plan on Fort Benning military installation (~180K acres), addressing impacts of military activities, natural resources management, and climate change.

EARTH CARE RESOLUTIONS (2007-2009) – *Natural resources consulting*

- Acquired and delivered management of water and land resources for federal and state land managers.
- Facilitated the award of a multi-million-dollar contract with Strategic Environmental Research and Development Program for AQUA TERRA Consultants. Hired by AQUA TERRA following contract award.

Education | Affiliations

M.S., Geochemistry	GEORGE WASHINGTON UNIVERSITY
B.S., Earth Science	MONTANA STATE UNIVERSITY
Certified Environmental Mediator	GEORGE MASON UNIVERSITY

Department of the Treasury
Internal Revenue Service
Tax Exempt and Government Entities
P.O. Box 2508
Cincinnati, OH 45201

Date:
08/03/2022
Employer ID number:
88-3153386
Person to contact:
Name: Customer Service
ID number: 31954
Telephone: Ex. 6 - Personal Privacy (PP)
Accounting period ending:
December 31
Public charity status:
170(b)(1)(A)(vi)
Form 990 / 990-EZ / 990-N required:
Yes
Effective date of exemption:
June 22, 2022
Contribution deductibility:
Yes
Addendum applies:
No
DLN:
26053602002652

ENVIRONMENTAL & SOCIAL JUSTICE ASSOCIATES
C/O CHRISTOPHER P GROBBEL
Ex. 6 Personal Privacy (PP)
LAKE LEELANAU, MI 49653

Sam. gov

Ex. 6 Personal Privacy (PP)

pw

Ex. 6 Personal Privacy (PP)

Dear Applicant:

We're pleased to tell you we determined you're exempt from federal income tax under Internal Revenue Code (IRC) Section 501(c)(3). Donors can deduct contributions they make to you under IRC Section 170. You're also qualified to receive tax deductible bequests, devises, transfers or gifts under Section 2055, 2106, or 2522. This letter could help resolve questions on your exempt status. Please keep it for your records.

Organizations exempt under IRC Section 501(c)(3) are further classified as either public charities or private foundations. We determined you're a public charity under the IRC Section listed at the top of this letter.

If we indicated at the top of this letter that you're required to file Form 990/990-EZ/990-N, our records show you're required to file an annual information return (Form 990 or Form 990-EZ) or electronic notice (Form 990-N, the e-Postcard). If you don't file a required return or notice for three consecutive years, your exempt status will be automatically revoked.

If we indicated at the top of this letter that an addendum applies, the enclosed addendum is an integral part of this letter.

For important information about your responsibilities as a tax-exempt organization, go to www.irs.gov/charities. Enter "4221-PC" in the search bar to view Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, which describes your recordkeeping, reporting, and disclosure requirements.

Sincerely,

Stephen A. Martin
Director, Exempt Organizations
Rulings and Agreements

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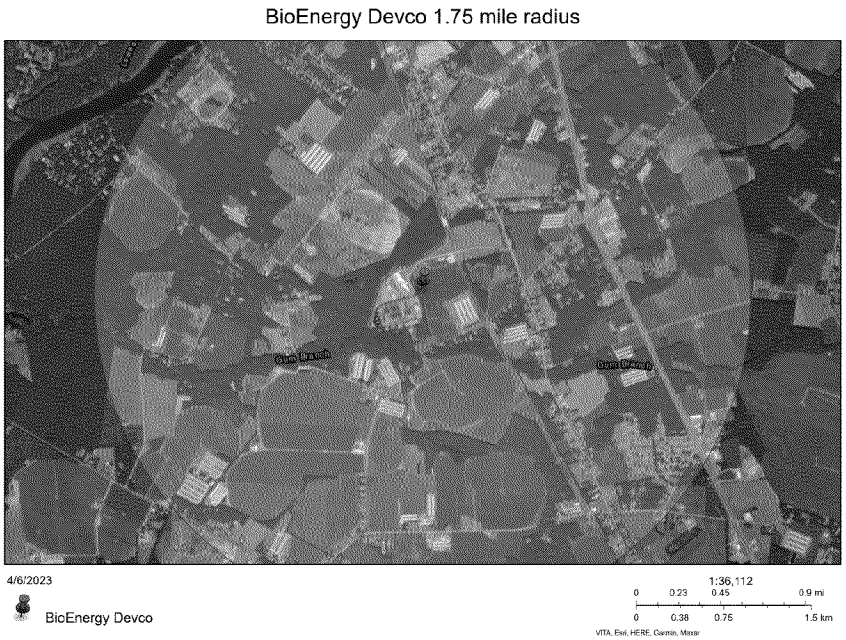
Project Summary Page

Project Title: Seaford Health Assessment and Data for Informed Decisions (SHADID)
Project Location: Seaford, Delaware (including Haitian Creole and Latinx communities); Zip Code: 19973
Applicant Information: Environmental & Social Justice Associates, Ex. 6 Personal Privacy (PP) Lake Leelanau, Leelanau County, Michigan. Project Administrator: Eileen O'Rourke; Eileen O'Rourke, Ex. 6 - Personal Privacy (PP)
Brief Description of Applicant Organization:
Environmental & Social Justice Associates (ESJA) bring deep professional experience, including in law, science, social justice, policy, community organizing and community advocacy to individuals, families, organizations, indigenous, diverse, low-income, ethnically rooted, and other communities experiencing environmental and social justice challenges. We strive to achieve community-driven, equitable and just solutions by providing direct impactful expert assistance.
Are you applying for the Small CBO Set Aside Track for $150,000 projects? No
Project Abstract: The Seaford Health Assessment and Data for Informed Decisions (SHADID) project seeks to address the disproportionate environmental and public health harms and risks faced by low-income and minority residents in Seaford, Delaware. The project will expand existing community air monitoring efforts, characterize particulate emissions, perform a full Health Impact Assessment on the proposed Bioenergy Devco Anaerobic Digester Facility, and use the EPA's EJ Collaborative Problem Solving (CPS) Model to develop and implement policy changes and an action plan that positively impacts health equity in the Seaford Community. The project will involve a community advisory board composed of 60% members from the community and 40% technical experts from public health and/or environmental health fields. The project aims to identify existing pollution sources, decrease social isolation, build community capacity, increase civic engagement, create policy changes that positively impact health equity, increase opportunities for building inclusive economies, and improve the wellbeing of communities experiencing health inequities through a replicable model that can be shared with communities across the region and beyond.
Project Type(s): This project includes community engagement, air monitoring, public education, and capacity building.
Special Considerations: This project will address Health Impact Assessments and Rural Areas
Environmental Issue: The SHADID project will focus on health inequities stemming from air pollution from existing industries and pollution that could be added by a proposed regional scale biogas facility in an environmental justice community.
List of Project Partners:
Dr. Sacoby Wilson (Technical)
Community Science & Innovation for Environmental Justice (CSI EJ) Dr. Chris Heaney (Academic/Technical)
Sussex Health & Environmental Network (SHEN) - Maria Payan, Michael Payan (CBO)
Ephphatha Care Foundation (ECF) - Emanie Dorival (Local Healthcare Foundation)
Latino Initiative on Restorative Justice - Charito Calvachi-Mateyko (CBO)
QUAPP: Our project will require a QUAPP.

b. Environmental and Public Health information of the Underserved Community

The percentiles provided from EPA's EJScreen tool inform perspective on how the selected block group or buffer area compares to the entire state, EPA region, or nation. According to the tool, if a given location is at the 95th percentile nationwide, this means that only 5 percent of the US population has a higher block group value than the average person in the location being analyzed. A 1.75 mile radius was analyzed utilizing EPA EJScreen which demonstrated disparate impacts to the project location on accord of several environmental justice indexes, pollution, and their sources. For example, in Environmental Justice indexes alone, this area ranked in **state percentile** 79 for Air Toxics Respiratory Health Index, 60 for Traffic Proximity, 81 for Lead Paint, 77 for Superfund Proximity, 71 for Underground Storage Tanks, and 63 for Wastewater Discharge. In regards to socioeconomic indicators, the area ranks at state percentile 81 for Demographics, 70 for People of Color, 87 for Low Income, 67 for Limited English Speaking Households, 84 for Less than a Highschool Education, 83 for populations Under 5 years of age, and finally, state percentile 67 for Low Life Expectancy.



In that same 1.75 mile radius analyzed around the proposed Bioenergy Devco site, EPA's EJScreen tool identifies that of the 3,216 population, 50% are people of color. 33% of the population are black, and 14% are Hispanic. Additionally, 4% of the population identifies as "some other race" not captured by EJScreen's American Community Survey demographics. Furthermore, educational attainment in the populations above age 25 demonstrate that 76% of the population holds no degree, but "some college" and below – high school graduate, no diploma, or less than 9th grade education. 11% of people speak a non-English language at home, and of that 11%, 5% speak English "less than very well". Spanish is the second most populous language spoken in the area behind English. The Center for Disease Control (CDC) and The Agency for Toxic Substances and Disease Registry (ATSDR) offer an Environmental Justice Index (EJI) Explorer tool that provides data identifying areas that may require special attention, or additional resources to improve health and equity, contribute to cumulative impacts on health, and generally measure environmental justice and health equity. A score of >0.75 or above indicates a high prevalence of a chronic condition test. Domain rankings are interpreted as an overall EJI score; for example, "0.85 signifies that 85% of tracts in the nation likely experience less severe environmental burden or social vulnerability attributable to that domain than the tract(s) of interest, and that 15% of tracts in the nation likely experience more severe environmental burden or social vulnerability attributable to that domain," per the CDC.

An analysis run on the proposed Bioenergy Devco site, located at 28338 Enviro Way, Seaford, DE 19973, yields the following results. Two census tracts, 504.03 and 518.01, located in Sussex County, directly encompass affected communities. For census tract 504.03, there are documented high prevalence of the following chronic conditions: Potentially Hazardous & Toxic Sites (notably National Priority List Sites, at .97) ranked at .75; regarding socioeconomics, No High School Diploma ranked at .76; household characteristics overall ranked at .84, with heightened domains specifically under youth (under 17 years of age) at .78 and ability to speak English "Less than Well", at .77. This census tract additionally ranked at .76 for prevalence of mobile homes. Three conditions out of five were identified under CDC's high pre-existing chronic disease prevalence: asthma, high blood pressure, and diabetes. The neighboring census tract, 518.01, demonstrated similar data points of interest: National Priority List Sites ranked at .91; Built Environment overall ranked at .77, indicating a lack of recreational parks (.78), and lack of walkability (.92); for socioeconomic indicators, there is a .77 ranking for overall poverty, and a .81 ranking for lack of internet access, affecting community members' ability to meaningful engage in public processes. This census tract ranked at .82 for mobile home prevalence, and demonstrated three out of five high pre-existing chronic disease prevalence: asthma, diabetes, and poor mental health. The underserved community directly impacted by disproportionate environmental and public health harms and risks is located near Seaford, Delaware, and is composed primarily of low-income People of Color who have limited English proficiency. The community is primarily Haitian Creole and Latinx and is disproportionately affected by the negative environmental and health impacts of large-scale poultry production and processing, commercial traffic emissions, and other industrial pollution. These atmospheric emissions include particulate matter, ammonia, and volatile organic compounds, which can contribute to health issues such as aggravated asthma, headaches, anxiety, and bronchitis. These pollutants can cause respiratory problems, heart disease, and other adverse health effects, particularly in children and the elderly. Our project focuses on addressing and assessing the cumulative impacts of existing pollution from various sources in the Seaford, Delaware community. These pollution sources include factory farms, industrial facilities, truck traffic, and an active EPA Superfund site, as well as the potential pollution from the proposed Bioenergy Devco site. Air pollution is a significant concern for the community, as emissions from industrial operations, transportation, and agricultural activities can lead to respiratory problems, cardiovascular diseases, and other health issues among community members. Water contamination is another critical issue, with the potential for hazardous substances from industrial activities, agricultural runoff, or inadequate wastewater treatment to contaminate local water sources. This contamination can pose serious health risks, including gastrointestinal illnesses, reproductive issues, and neurological disorders. Additionally, the community faces environmental justice disparities due to factors such as race, income, and lack of political power. This leads to disproportionate exposure to environmental hazards and associated health risks, resulting in health disparities and reduced access to resources and opportunities for addressing environmental and public health issues. The project seeks to achieve several environmental and public health outcomes that will directly benefit the underserved community. These results include: **Identification and mitigation of pollution sources:** By pinpointing the existing pollution sources, the project aims to develop targeted strategies to reduce or eliminate their impact on the community's health and environment. This will lead to improved air and water quality, which will benefit residents' overall well-being. **Increased community engagement and empowerment:** By involving the community in the decision-making process and providing them with the necessary tools and information, the

project seeks to empower residents to advocate for their own health and well-being. This will result in a more resilient and informed community, better equipped to address future environmental and public health challenges. **Enhanced health equity:** The project aims to address the disproportionate environmental and public health issues faced by the underserved community. By advocating for policy changes and raising awareness of these issues, the project seeks to create a more equitable distribution of environmental burdens and benefits, ultimately improving health outcomes for community members. **Inclusive economic development:** By promoting opportunities for inclusive economies, the project seeks to ensure that the economic benefits of environmental improvements are shared equitably among community members. This could include job creation in sustainable industries, support for local businesses, and access to resources for economic growth. **Improved well-being and quality of life:** As a result of the project's efforts to address environmental and public health issues, the underserved community will benefit from improved well-being and quality of life. This includes not only better physical health but also enhanced mental and emotional well-being due to reduced stress and anxiety related to environmental and health concerns. Seaford, situated in Sussex County, Delaware, is a small rural community. Seaford faces several challenges typical of rural communities, including limited access to healthcare, educational and employment opportunities, and fewer public resources compared to urban areas. The rural nature of Seaford contributes to its unique environmental and public health issues. The town's economy is largely based on agriculture, with a significant number of factory farms and other agricultural operations in the surrounding areas. While these activities provide employment for the local population, they can also contribute to air and water pollution and create other environmental concerns. Additionally, Seaford's rural location means that many residents rely on private wells for drinking water and septic systems for wastewater management, which can be vulnerable to contamination from nearby pollution sources. Limited access to healthcare facilities and public transportation can exacerbate health disparities, making it difficult for residents to access needed care and services. The project is tailored to address the unique challenges faced by the rural community of Seaford, taking into account its specific environmental and public health issues. One key component of the project is the implementation of a Health Impact Assessment (HIA), which will play a crucial role in understanding and addressing the environmental and public health concerns in Seaford.

c. Organization's Historical Connection to Underserved Community

Sussex Health & Environmental Network (SHEN) has a strong historical connection with the underserved community in Seaford, Delaware. The organization was founded in 2018 to address environmental justice issues in the region, particularly those related to the poultry industry and related infrastructure. Over the past 2 years, SHEN has been actively involved in working with low-income and underserved communities in Seaford to address local environmental and public health issues. SHEN has conducted numerous community meetings and events to inform residents about the environmental and public health impacts of the poultry industry and other polluting industries in the region, including the proposed anaerobic digester facility.

SHEN has also worked closely with community members, local community groups and faith based groups in Seaford to develop and implement community-based solutions. SHEN has partnered with local community groups to develop a community-driven air quality monitoring program, which has been successful in identifying areas of concern and advocating for improved regulatory oversight. SHEN has also worked with community organizations to advocate for stronger regulations and enforcement of environmental and public health standards in the poultry industry and related infrastructure.

Recent efforts in the community have focused on addressing the disproportionate environmental and public health impacts of the proposed anaerobic digester facility in Seaford and filing a Title VI civil rights administrative complaint to the EPA, when communities were left out of the opportunity to meaningfully participate in the public process. SHEN has been actively involved in providing information to residents about the potential impacts of the facility and advocating for the community's right to participate in the decision-making process. SHEN has partnered with other organizations to kickstart community-based air quality monitoring efforts in locations throughout Delmarva including Seaford through the Regional Air Monitoring of Poultry Emissions in Delmarva (RAMPED) Study. RAMPED aims to 1) to build capacity for community science, 2) characterize CAFO-related air pollutants in the Eastern Shore region of Maryland and Delaware, and 3) set up a local, community-led and maintained air monitoring network. The RAMPED study will help empower neighbors living near poultry CAFOs and biofuel transition stations to participate in scientific efforts that could help change policy regarding agricultural facilities in their communities, as well as help develop more sustainable and safe food animal production. With the deployment of different air monitors, we will establish a community-driven and maintained air monitoring network in the Delmarva region. There are no air monitors in close proximity to impacted communities to assess exposure to pollutants originating from poultry CAFOs and associated biofuel infrastructure. The Delaware Department of Natural Resources and Environmental Control (DNREC) maintains an air monitor in Sussex County, DE; however, this air monitor does not adequately capture the pollutants that community members proximal to poultry CAFOs are experiencing. SHEN recently submitted a public comment about the lack of monitors to sufficiently capture poultry production pollution in Sussex County, DE. A hyperlocal air monitoring network in this area with strong regional CAFO influence is needed to understand the impact that the industrial food industry has on community members in the Delmarva peninsula. To characterize air pollutant mixtures in these communities and build capacity for community science, we will establish a local network of monitors and provide trips with gas analyzers to measure concentrations of ammonia (NH3), hydrogen sulfide (H2S), methane (CH4), carbon dioxide (CO2), as well as particulate matter (PM) of differing sizes and composition. Overall, SHEN's historical connection to the underserved community in Seaford has been characterized by active engagement, advocacy, and collaboration with community members and organizations. The organization has worked to empower communities to address local environmental and public health issues and to promote environmental justice in the region.

Community Driven Participation: Community-driven participation is a key aspect of our project plan. We believe that the community members who are most impacted by the environmental and public health issues should be directly involved in developing solutions to these issues. Therefore, we will establish a Community Advisory Board (CAB) to ensure that community members are meaningfully engaged in the decision-making process and have ownership over the data and monitoring process. The underserved community's residents and organizations have been actively involved in developing the current project plan through community meetings, consultations, and collaborative planning sessions. Community members have played a crucial role in shaping the project's direction and will continue to be involved in decision-making processes throughout the project's implementation. We recognize that the community members are the experts on the environmental and public health issues that impact their daily lives. Therefore, we are committed to ensuring that they have a meaningful role in all aspects of the project. We will work with the CAB to plan, design, and implement all aspects of

the project in a way that reflects the concerns and priorities of the community. We believe that by empowering the community to take an active role in the decision-making process, we can achieve more effective and sustainable solutions that address the environmental and public health challenges faced by the underserved community.

d. EJCPS Model

For the SHADID project, several elements of the EJCPS Model will be undertaken: **Community Vision and Strategic Planning:** The project has already engaged with the community to create a vision and strategic plan to address environmental and public health issues. This process will continue to evolve as the project progresses and new insights are gained. **Capacity Building and Leadership Development:** The project will invest in capacity building and leadership development for community members, equipping them with the skills and knowledge to monitor air quality in their own neighborhood, address environmental justice issues and advocate for policy changes. **Issue Identification and Research:** The project will identify key environmental and public health concerns through community engagement, research, and data collection, including air monitoring and Health Impact Assessment of the 1.75 mile radius around the proposed Bioenergy Devco Anaerobic Digester Facility. **Multi-Stakeholder Partnerships and Leveraging of Resources:** The SHADID project will establish partnerships with various stakeholders, including academia, local organizations, and technical experts, to leverage resources and expertise in addressing the identified issues. **Conflict Resolution and Negotiation:** The project will employ conflict resolution and negotiation strategies to address disagreements and facilitate consensus among stakeholders, ensuring that the needs and priorities of the community are met. **Developing and Implementing Solutions:** Based on the research findings and community input, the project will work collaboratively with stakeholders to develop and implement policy changes and interventions that positively impact health equity and environmental justice. **Evaluation, Lessons Learned, and Replication:** The project will conduct ongoing evaluation and monitoring of its progress, extracting lessons learned and refining strategies as needed. These findings can be shared with other communities facing similar challenges, serving as a model for addressing environmental justice issues.

e. Project Linkages

The SHADID project promotes environmental justice and civil rights at federal, tribal, state, and local levels by addressing the disproportionate environmental and public health burdens faced by low-income and minority communities in Seaford, Delaware. The project aims to create policy changes and interventions that positively impact health equity, environmental justice, and civil rights. **Federal level:** By aligning with EPA's EJ Collaborative Problem Solving (CPS) Model and engaging with federal agencies, the project ensures that its objectives are in harmony with federal environmental justice and civil rights priorities. This collaboration can lead to increased support, resources, and policy advocacy at the federal level. **Tribal level:** Although the SHADID project primarily focuses on Seaford, Delaware, the strategies and lessons learned can be adapted and shared with tribal communities facing similar environmental and public health challenges. Engaging with tribal leaders and organizations can promote knowledge exchange, collaboration, and tailored solutions that respect tribal sovereignty and cultural context. **State level:** The project can collaborate with state agencies and policymakers to influence state-level regulations and policies addressing environmental justice and public health concerns. By demonstrating the effectiveness of its interventions and policy changes in Seaford, the project can serve as a model for other communities across Delaware and contribute to statewide progress on environmental

justice and civil rights. **Local level:** At the local level, the SHADID project actively engages with community members, local organizations, and government officials to address environmental and public health issues. By building the capacity of community members, fostering multi-stakeholder partnerships, and developing tailored solutions, the project supports local efforts to create a more equitable, healthy, and just environment for all residents.Through these various approaches, the SHADID project aims to promote environmental justice and civil rights across federal, tribal, state, and local levels, ensuring that the needs and priorities of underserved communities are recognized and addressed in the decision-making process.

f. Partner and Collaborate

The project promotes collaboration by engaging partners from academia, a local health foundation, CBOs, faith-based groups, and local government to develop and implement solutions addressing environmental and public health issues. The proposed partnerships through this project are continuations of long standing collaborations that SHEN and partners have established over the years while working on environmental justice (EJ) issues in both the region, hyperlocally, and nationwide. Diversity in partnerships enhances the project's ability to achieve its goals and ensures a comprehensive approach to addressing the community's concerns (CPS Element 4). The approach to both long standing work and this project centers on the continuation of valuable partnerships with members of the community and the incorporation of other stakeholders. Community partners will be leaders involved with all phases of the project to ensure efforts are culturally competent and responsive to community needs (CPS Element 1). Furthermore, SHADID will promote the use of the CPS model within all partner organizations to ensure cohesiveness across stakeholders and into EJ solutions. Through this collaboration, the SHADID project aims to create policy change and other intervention methods that will empower community members to continually access spaces and resources to make long-term progress.

Dr. Sacoby Wilson will provide workshops to members of ESJA, SHEN, and the communities they serve related to environmental justice and community engagement strategies, work with SHEN and ESJA to develop and implement community-based participatory research strategies so that various elements of the Collaborative Problem Solving model are incorporated into all aspects of the activities that are described in the proposed project through community forums, assist the principal investigators in the development and implementation of a comprehensive Health Impact Assessment related to the Seaford community that actively encourages and incorporates community feedback at each stage of the process, provide technical assistance workshops related to the assessment of environmental justice issues present in the targeted areas of the project, assist in the analysis and interpretation that results from the implementation of the proposed Health Impact Assessment, and assist in the development and implementation of community-driven policy initiatives that address structural issues that may be at the root of the environmental burdens that are addressed in this proposal.

Dr. Chris Heaney, Director of CSI EJ, and his team will deploy 4 stationary MODULAIR-PM units with sonic anemometers to obtain real-time estimates of PM concentrations, particle size distribution, wind speed, and wind direction, collect settled dust samples from the surfaces of the air monitoring units using sterile dual-tipped cotton swabs in liquid Aimes medium (Trained community members will collect weekly swabs seasonally and ship them to our Environmental Health Microbiology and Immunology Laboratory (EHMIL) for processing and analysis), analyze surface swabs for the presence and magnitude of poultry-specific markers of fecal contamination using RT-qPCR protocols, provide expertise in community-based air monitoring and data analysis, assisting in the design and implementation of community-based air monitoring

programs, and conduct drives through areas of interest with real-time gas analyzers to measure concentrations of NH3, H2S, CH4, and CO2 at 1-second intervals.

Sussex Health & Environmental Network, **Maria Payan & Michael Payan** will act as Project Manager and Co-Manager, respectively, and offer expertise in environmental justice and community engagement methodologies, leverage existing relationships with local community-based organizations in Seaford, collaborate in the development and implementation of community-based participatory research strategies, collaborate in the development and implementation of community-driven policy initiatives based on collected data, assist in assembling a Community Advisory Board (CAB), and provide expertise and support in local environmental and public health issues, community outreach, and capacity building. **Ephphatha Care Foundation** will offer expertise on current health issues impacting the community, such as increased rates of asthma and other health disparities faced by the community, provide translation and interpretation services to ensure effective communication with Creole-speaking community members, assist in community outreach and engagement efforts, particularly among the Haitian community, provide local knowledge and expertise on health and wellness issues related to environmental concerns, ensure the Haitian community is represented on the Community Advisory Board (CAB) and throughout the project. Emanie Dorival of ECF is deeply involved in the Haitian community and specifically the local Haitian church where her husband is the pastor. She regularly cosponsors meetings and events with SHEN at the church.

Latino Initiative on Restorative Justice will offer expertise in environmental justice and community engagement methodologies, particularly in the Latinx community, leverage existing relationships with local Latinx community-based organizations and community members in Seaford, collaborate in the development and implementation of community-based participatory research strategies and implementation of community-driven policy initiatives based on collected data, ensure the Latinx community is represented on the Community Advisory Board (CAB) and throughout the project, provide expertise and support in local environmental and public health issues, community outreach, and capacity building, and translation of relevant materials for the Latinx community throughout the SHADID project.

Environmental & Social Justice Associates will offer expertise in grant administration, finance management and project reporting, as well as work with SHEN, its Partners and the communities they serve in the development and implementation of community-driven policy initiatives to address the social injustices and environmental burdens that are the subject of this project.

The table below provides details on the partners. Community, advocacy, and technical partners described will be assisting with activities outlined to achieve project objectives. More information on groups attached. Each partner has a vested interest in addressing environmental and public health issues in the community and promoting environmental justice. Dr. Sacoby Wilson and his colleagues at the Center for Engagement, Environmental Justice and Health (CEEJH) at the University of Maryland have a vested interest in the Seaford Health Assessment and Data for Informed Decisions (SHADID) project due to their expertise in community-engaged research approaches, including the community-based participatory research (CBPR) framework and community science. CEEJH is committed to assisting frontline and fenceline communities impacted by environmental, climate, and energy justice issues through technical assistance and scientific support. The Latino Initiative on Restorative Justice is dedicated to increasing civic engagement, community cohesion, and citizen empowerment, particularly for Latinx community stakeholders. This project will support their mission of advancing equitable policies at the local, state, and federal levels to protect communities from

Partner	Project Role	Expertise & Resources
Dr. Sacoby Wilson (Technical)	Lead Health Impact Assessment examining cumulative impacts of existing pollution and assessing potential pollution sources associated with the proposed Bioenergy Devco project	Expertise in Health Impact Assessments, environmental justice, and community engagement
Community Science & Innovation for Environmental Justice, Dr. Chris Heaney (Technical)	Contribute expertise in community-based air quality monitoring, data analysis, and microbial source tracking marker analysis	Expertise in air quality monitoring, data analysis, and academic resources
Sussex Health and Environmental Network (Community-Based Organization): Maria Payan, Michael Payan	Support community outreach, engagement, and capacity-building activities	Expertise in local environmental and public health issues, community outreach, and capacity building
Ephphatha Care Foundation (Local Health Foundation): Emanie Dorival	Assist with community engagement and provide resources and support for Haitian Creole-speaking residents	Expertise in community engagement, local health, language and cultural support, and resources for Haitian Creole-speaking residents
Latino Initiative on Restorative Justice (Community-Based Organization): Charito Calvachi-Mateyko	Support engagement of Latinx community members and promote restorative justice	Expertise in Latinx community engagement, restorative justice, and cultural competency
Environmental & Social Justice Associates, Eileen O'Rourke, Danielle Diamond	Handle grant reporting and expense management, help the community develop proposed policy initiatives	Expertise in environmental policy, social justice, and non-profit grant management and administration

environmental health hazards. SHEN has demonstrated years of dedication working towards a clean and healthy environment for future generations in Sussex County. Ephphatha Care Foundation has been advocating for the Haitian community's health and well-being through work centered on closing the gap of health care disparities in underserved areas. As a designated environmental justice and climate action hub and a part of the Regional Air Monitoring of Poultry Emissions in Delmarva (RAMPED) project, which includes the Seaford, Delaware community and Sussex Health & Environmental Network, Community Science & Innovation for Environmental Justice are particularly well suited to serve as a partner in the work of this proposed project, due to their continued integration of the CPS Model into all community-engaged research, scholarship, and practice. We will leverage these existing partnerships to continue to strengthen connections with community members through community science and community-based participatory research (CBPR) - a framework that has enabled communities disproportionately burdened by environmental hazards to collect their own data and use these data to understand and address cumulative impacts of these hazards on human health. The team will also draw on years of partnerships with a wide variety of stakeholders and numerous resources available through partners, as well as within our respective teams.

The applicant organization plans to maintain and sustain these relationships through regular communication, ongoing collaboration, and shared learning experiences.

The project intends to fund partners' participation in the project. The proposed financial transactions will comply with applicable requirements in 2 CFR Part 200 on competitive procurement or for subrecipients EPA's Subaward Policy or EPA Guidance on Participant Support Costs.

2.0 Project Activities / Milestone Schedule / Detailed

a. Project Activities

The following is a detailed description of the steps our organization will take to meet the program objectives and execute the project:

Step 1: Community Engagement and Formation of Community Advisory Board (CAB): We will host a series of community meetings to engage local residents and stakeholders in the project. During these meetings, we will establish a Community Advisory Board (CAB) composed of 60% community members and 40% technical experts from public health and environmental health fields. The CAB will adopt leadership roles, decision making procedures, steps for conflict resolution, and formal operating procedures (**CPS Elements 1-5**). In Step 1, as part of the community engagement plan, the team will primarily use the community-based participatory research (CBPR) framework and the US EPA EJ CPS model. Dr. Wilson (technical

partner) has extensive experience using both in his work as shown by his resume and his extensive publication record and will help guide the team in the use of CBPR and the EPA EJ CPS model. Community members, partners, and the CAB will meet regularly to develop outreach plans, assign project tasks, identify areas of interest for mobile air quality monitoring; hosts for stationary MODULAIR-PM air quality monitoring; teams for settled dust sample collection; and agree on how to educate and update the community regularly (CPS Elements 3 and 4). Actualizing the principle that CBPR builds on the strengths and resources of the community, the CAB will play a major role in the proposed project. If funded, the CAB will be engaged in all stages of the research process including development of study design, methods, implementation, review, and dissemination. They will also provide input via monthly conference calls and email with the team to discuss issues and challenges related to trust, group conflict, power, and shared decision-making. We will discuss and select strategies for addressing these issues (CPS Elements 4 and 7). The CAB will also address any cultural concerns, language concerns, and compensation for project participants. CAB members will receive $2,000/year. In CBPR, it is critical for partners to agree upon the terms of collaboration and ensure equity between partners including addressing social inequality. Studies have shown that there are power imbalances between researchers and community partners. To address these issues, the CAB will play a pivotal role in informing how the partnership operates and how the study is implemented. In collaboration with SHEN, the team will develop MOUs that will outline the terms of collaboration, including: (1) co-design (and redesign as needed) of study questions, framework, and methods; and (2) co-generation of deliverables, data ownership, data sharing, and dissemination. Trust is an essential component of successful activities in CBPR. These activities include regular check-ins; a Google Calendar to ensure that all activities, projects, and events are featured on a yearly calendar that can be electronically accessed.

CAB meetings will be held virtually via Zoom. Project Leaders will host initial meetings with the CAB to review the project. The CAB will engage and meet with project partners, along with community members to begin tailoring the Project to self-identified goals and activities, further integrating CPS Elements 1 and 2. **Anticipated products/results:** The formation of a CAB that represents the interests of the community and provides valuable guidance throughout the project. A community-led CAB in collaboration with technical experts will serve to increase awareness of environmental justice issues and resources throughout the region, increase connectivity between environmental justice advocates and frontline/fenceline communities.

Step 2: Training and Capacity Building: We will provide training and capacity-building opportunities for community members to effectively monitor and assess environmental and health risks. This includes teaching them how to use mobile and stationary air monitoring equipment, participating in settled dust collection, interpret data, and conduct health impact assessments. Community members will learn how to identify, monitor, and evaluate data collected using air quality monitors from CSI EJ. Dr. Sacoby Wilson, Director, CEEJH, who has extensive experience working with underserved and adversely impacted communities, will contribute to capacity building activities through collaborative HIA training and engagement efforts (CPS Elements 1 and 2). The project team will work with partners to co-develop any additional training materials, leveraging the CPS Model and any materials developed previously by partners, strengthening community science and empowerment approaches to addressing EJ issues.

Anticipated products/results: An empowered community with the knowledge and skills necessary to actively participate in the project and address environmental and health challenges.

Step 3: Air Quality Monitoring and Data Collection: Community members will work together with technical partners to conduct air quality monitoring using mobile and stationary monitoring equipment as well as characterizing particulate emissions through the analysis of surface swabs used on the monitors. During Step 3, the project director and community will work with project partners, other residents, CEEJH, and Dr. Heaney to co-develop a community-based air quality monitoring plan. In a series of meetings, community members will work with project partners to discuss the best routes for mobile monitoring and the best stationary locations. The CAB will provide feedback on the community-based air quality monitoring plans in each area. Data will be collected on various air pollutants, including particulate matter (PM 1, PM 2.5, PM 10), ammonia, carbon dioxide, methane, and hydrogen sulfide. We will deploy 4 stationary MODULAIR-PM units with sonic anemometers (QuantAQ Inc., Somerville, MA) in Seaford, DE to obtain real-time estimates of PM concentrations, particle size distribution, wind speed, and wind direction. These 4 units will supplement the MODULAIR-PM unit set up as a control in Selbyville, DE in late 2022 to provide an air monitoring network. The Selbyville monitor will be approximately 35 miles away from the four monitors located in Seaford, DE. The Selbyville monitor was deployed in a lower density poultry CAFO and commercial traffic area to evaluate background concentrations. The 4 newly located MODULAIR-PM units will be located near sites of concern determined in collaboration with local community members and community partners in Seaford, DE. The monitors will be hosted by community members after oral consent is obtained. The goal is to deploy monitors proximal to sites of concern in Seaford, DE, as well as in a comparison or background area (Selbyville), to best capture the pollutant, wind speed and wind direction patterns. This configuration will allow us to better capture the variability in plumes and pollutant dispersion into adjacent communities. Figure 1 provides estimates of potential locations for the new stationary units in close proximity to poultry CAFOs, poultry processing facilities, biogas plants, refineries, and anaerobic digesters, areas with high commercial traffic rates, as well as the location of community-identified ammonia plumes. Trail cameras will also be attached to the MODULAIR units with permission of the unit host, oriented to capture time lapsed photos of the site of interest and potential particle-generating events (airing out of barns, removing litter, truck traffic, etc). The combination of air quality data with time-stamped photos will provide evidence of activities that can be associated with observed PM concentrations.[24] To enhance source apportionment and determine spatial variability, we will conduct drives through the areas of interest with the real-time gas analyzers (G2204 & G2103 Picarro Inc, Santa Clara, CA) to measure concentrations of NH_3, H_2S, CH_4 and CO_2 at 1-second intervals. The G2103 and G2204 gas analyzers (Picarro Inc, Santa Clara, CA) use Cavity Ring-down Spectroscopy to measure real-time measurements with parts-per-trillion levels of detection of ammonia, and methane and hydrogen sulfide, respectively. We will collect settled dust samples from the surfaces of the body of the air monitoring unit and solar panel of the 5 MODULAIR-PM units using sterile dual-tipped cotton swabs in liquid Aimes medium. Swabs from the main monitor unit and solar panel will be collected weekly for approximately a 3-week period each season. We plan to collect the following samples: swabs from the front and back of the monitor unit (2), swabs from the front and back of the solar panel (2) and a blank swab per monitor (1). Grouping sampling periods into seasons allows for an assessment of seasonal trends. In addition, utilizing sampling periods each season will be a more manageable workload for community partners. Swabs from each week will be collected by trained community members and shipped to Dr. Heaney's Environmental Health Microbiology and Immunology Laboratory (EHMIL) for processing and analysis. Surface swabs will be analyzed for the presence and

magnitude of poultry-specific markers of fecal contamination, LA-35 and cytB, using reverse transcription-quantitative polymerase chain reaction (RT-qPCR) protocols. Having weekly source-tracking information, we can then look at potential associations between the fecal marker and PM concentrations in the 8, 12 and 24 hours prior to swab collection. With changing PM concentrations due to wind speed and wind direction, looking at PM past 24 hours might not give an accurate picture of exposure. Throughout the air monitoring process, all project partners will meet regularly with project manager and each other to further facilitate community plan, design, and implementation of air monitoring. The CAB, project manager, co-manager, technical partners, and community leaders will host a two-day retreat to discuss challenges related to trust, conflict, power, and decision-making. Community leaders develop strategies for addressing issues. project manager and co-manager, CAB and CEEJH host report back workshops for communities to present progress, data collected, and breakout rooms utilized for increased cross community interaction (CPS Elements 6 and 7). **Anticipated products/results:** Comprehensive air quality data including microbial source tracking marker particulate characterization that will inform the development of solution-based strategies and help evaluate the effectiveness of pollution reduction efforts.

Step 4: Health Impact Assessment: In collaboration with public health researchers, the community will conduct a full community-led Health Impact Assessment (HIA) to evaluate the potential health effects of existing pollution sources and the proposed biogas facility. The project introduces a significant technical advancement by utilizing a unique multi-method approach for assessing the impact of cumulative impacts and environmental injustice on exposure to air pollution, and its impact in regard to health outcomes and impacts. This approach includes the establishment of not only a new air quality monitoring network, but the implementation of a health impact assessment. HIAs play a crucial role in recognizing and remedying the inequitable and disproportionate distribution of environmental hazards that burden environmental justice communities. The community-led aspect of the HIA is essential to ensure an inclusive, relevant, and effective assessment (CPS Elements 1, 2). Through direct lead and involvement of the affected community in the HIA process, our community-led HIA will provide a more accurate and comprehensive understanding of health impacts of factory farms, industrial facilities, truck traffic, active EPA Superfund sites, as well as the potential pollution from the proposed Bioenergy Devco site. Community members provide valuable local knowledge and lived experiences that will inform the assessment process and ensure that its findings reflect the reality of the affected community. As noted previously, the project area suffers disproportionate impacts in regards to the built, social, and natural environments in which the community members live, play, work, and worship. Community members play a critical role in leading efforts to assess, recommend, and evaluate health impacts of decisions that affect their community. A key step in this process is to collect qualitative and quantitative information to create a profile of existing health conditions. This information can then be used to identify, evaluate, and prioritize assessed health impacts, in particular to the impact both the proposed biogas facility, and existing concentrated sources of pollution will exacerbate. It is crucial to involve stakeholders in the assessment process, which will include both community members (leading), and partners. **Anticipated products/results:** A detailed HIA report that provides valuable insights into the health risks faced by the community and informs the development of appropriate mitigation measures. Unlike previous efforts that have typically relied on a single method for exposure assessment, such as stationary monitoring networks, Geographic Information Systems (GIS), or satellite remote sensing, this approach combines the strengths of each method combined with the

community knowledge and power to provide an unparalleled understanding of exposure disparities and cumulative impacts within the study area. By engaging in this process, community members help ensure there is a comprehensive understanding of the health impacts locally, and can make informed choices that promote the health and well-being of the community.

Step 5: Development of Solution-Based Strategies and Policy Recommendations: Utilizing the data gathered from air quality monitoring and the HIA, the CAB, in collaboration with community members, technical experts, and policymakers, will utilize the EPA's EJ CPS Model to create and prioritize solution-based strategies to tackle the identified environmental and health issues. Additionally, they will develop a policy recommendation report that addresses local, state, and federal policies, incorporating cumulative impacts and health inequities in zoning, permitting, and other relevant policies.

In order to create these solution-based strategies, the team will disseminate research data and results from the air quality monitoring to government agencies and commissions in the study area, following the CPS model (CPS Elements 4-5). The team will incorporate CPS Elements 4-6 through: engagement with regulators, county and state officials, policymakers, and other stakeholders to develop solutions-based strategies informed by the air quality data collected during Step 3 activities. The CAB will act as the steering committee for the CPS structure. These dissemination meetings will serve as a bridge to translate information into new programs, policies, and initiatives to improve environmental health and eliminate environmental health disparities in the communities. The team will work with the appropriate county and state agencies to help disseminate information for additional community stakeholders, policymakers, and other interested groups. **Anticipated products/results:** A comprehensive action plan detailing specific strategies for mitigating pollution and enhancing public health outcomes in the community, along with a policy recommendation report focused on local, state, and federal policies that take into account cumulative impacts and health inequities in zoning, permitting, and other pertinent policy areas.

Step 6: Implementation of Action Plan: The community will collaborate with stakeholders to implement the strategies outlined in the action plan (CPS Elements 4, 5). This may include policy advocacy, infrastructure improvements, or the development of community-led initiatives. The data, outputs and outcomes achieved throughout the project will be incorporated into these collaboratively crafted action plans. Action plans will additionally demonstrate increased community capacity to perform environmental and environmental health surveillance; increased capacity to perform community-driven initiatives such as air quality monitoring; and finally, promote action planning that includes equity, cumulative impacts, and environmental justice as central considerations. This plan may also serve as a tool for advancing EJ work in other regions. **Anticipated products/results:** Tangible progress towards reducing pollution levels and improving public health in the underserved community.

Step 7: Dissemination of Best Practices and ReplicationActivity: We will share the lessons learned and best practices from our project with other communities, organizations, and policymakers facing similar environmental justice challenges. This may include presenting at conferences, hosting workshops, or publishing articles and case studies. Action plans, results, and best practices will be disseminated within other communities who face disproportionate and cumulative climate impacts across the state and beyond, via trusted community-based organizations and partners. Knowledge-sharing will additionally occur with any action plans created, via partnerships with other CBOs, partners, and dissemination through applicable county

or state agencies (CPS Elements 4-7). **Anticipated products/results:** Increased awareness and adoption of effective strategies for addressing environmental justice issues in other communities, leading to broader improvements in public health and environmental quality.

Evaluation and Reporting Continuously Throughout Project: We will continuously evaluate the project's progress by tracking key performance indicators and gathering feedback from community members and stakeholders. We will also provide regular progress reports to funding agencies and other interested parties. **Anticipated products/results:** A thorough evaluation of the project's successes and challenges, which will inform future initiatives and help other communities facing similar issues.

b. Milestone Schedule:

Phase	Activity	Milestones	Timeframe
1	Continued Community Engagement and Formation of CAB	Formation of CAB	Month 1-3
	Training and Capacity Building	Community training on air monitoring equipment, data interpretation, and HIA	Month 4-6
1-2	Air Quality Monitoring and Data Collection	Completion of air quality data collection	Month 7-18
1-3	Health Impact Assessment	Completion of HIA report	Throughout Entire Project
2	Development of Solution-Based Strategies and Policy Recommendations	Completion of action plan and policy recommendation report	Month 21-23
3	Implementation of Action Plan	Progress in reducing pollution levels and improving public health	Month 24-33
	Dissemination of Best Practices and Replication	Sharing lessons learned, presenting at conferences, hosting workshops, and publishing articles	Month 34-36

c. Itemized Budget Sheet / Budget Narrative: Please see the attached budget sheet.

3.0 Environmental Results – Outputs, Outcomes, and Performance Measures (Logic Model)

Environmental Results – Outputs, Outcomes: Please see attached Logic Model.

b. Performance Measurement Plan: The Performance Measurement Plan for the SHADID project is designed to ensure that project performance and progress are continually tracked and monitored throughout the project period. The plan will help evaluate the effectiveness of the project in achieving the expected outputs and outcomes, and will facilitate necessary adjustments as the project progresses. **Establish Key Performance Indicators (KPIs):** To measure project progress effectively, we will establish Key Performance Indicators (KPIs) that align with the project's outputs and outcomes. These KPIs will serve as quantifiable benchmarks for evaluating the project's success in achieving its goals. Example KPIs include the number of community members trained, the amount of air quality data collected, and the number of policy recommendations adopted. **Periodic Review Meetings:** Periodic review meetings will be held with project partners, stakeholders, and the Community Advisory Board to discuss the project's progress, share findings from the data analysis, and address any challenges or concerns. These meetings will provide an opportunity to collaboratively review and evaluate the project's performance and make adjustments as needed to improve its effectiveness. **Continuous Improvement and Adaptation:** Based on the insights gathered from data analysis, progress

reports, and review meetings, the project team will adapt and refine strategies as necessary to address challenges and improve project performance. This continuous improvement process will ensure that the project remains responsive to the community's needs and maximizes its potential for achieving the desired outputs and outcomes. **Final Evaluation and Reporting:** At the end of the project period, a comprehensive final evaluation will be conducted to assess the project's overall success in achieving its objectives. This evaluation will consider the project's performance against the established KPIs and the extent to which the project has achieved its expected outputs and outcomes. The results of this evaluation will be documented in a final report that will be shared with project partners, stakeholders, and the community. The Performance Measurement Plan will provide a robust framework for tracking and monitoring project performance, ensuring that the SHADID project remains focused on achieving its goals and delivering meaningful environmental and public health improvements for the underserved community in Seaford, Delaware. **c. Sustainability Plan and Community Vision** The SHADID project aims to empower the underserved community in Seaford, Delaware, by addressing environmental and public health issues and promoting health equity. The Sustainability Plan and Community Vision outline how we will leverage the results and momentum of the project, in conjunction with Sussex Health & Environmental Network's (SHEN's) current work, to advance the community's long-term goals and objectives and ensure the project's impact extends beyond its initial implementation. **Building on SHEN's Initiatives and Community Engagement:** The project will build on SHEN's existing work in the community, which focuses on addressing environmental justice and health inequities through community engagement, empowerment, and ongoing air monitoring projects. SHEN is a community hub partner on the Mid-Atlantic Climate Action Hub steering committee, a part of Region III TCTAC, and if funded, EPA's Environmental Justice Thriving Communities Grantmaking Program. These provide additional infrastructure for community members to sustain efforts past the duration of this project. SHEN has been heavily engaged in the fight against the proposed Bioenergy Devco regional-scale anaerobic digester project, which poses significant threats to the environment and public health. The organization has worked with community members to file a Title VI civil rights administrative complaint to the EPA and has educated and empowered the local Haitian Creole and Latinx communities. By collaborating with SHEN, we will benefit from their expertise, experience, and established relationships within the community, ensuring a more effective and sustainable project implementation. **Community Ownership and Empowerment:** A critical component of the project's sustainability is fostering a sense of community ownership and empowerment. By actively involving community members in project activities, decision-making processes, and the Community Advisory Board, and leveraging SHEN's community engagement initiatives, we aim to instill a sense of responsibility and pride in the project's outcomes. This approach will create a vested interest in sustaining the project's momentum and achieving long-term change, as well as addressing ongoing challenges, such as the Bioenergy Devco project. **Capacity Building and Skill Development:** We will provide training and capacity-building opportunities for community members to develop the necessary skills to address environmental and public health challenges. By equipping residents with the knowledge and tools to monitor air quality, conduct health impact assessments, and advocate for policy changes, and building on SHEN's ongoing air monitoring projects using stationary and mobile monitors with cameras to ground truth observations, we will help create a community that is self-reliant and capable of continuing the project's work in the future. **Collaboration with Local Organizations and Stakeholders:** To ensure long-term support for the project, we will engage

and collaborate with local organizations, stakeholders, and policymakers throughout the project's implementation, including SHEN and other community partners. By forging strong partnerships with these entities, we will create a network of support that will help sustain the project's initiatives and contribute to the community's long-term goals, such as challenging harmful projects like the Bioenergy Devco proposal. **Integration into Existing Community Initiatives:** To maximize the project's impact and sustainability, we will integrate our activities into existing community initiatives led by SHEN and other organizations that focus on environmental justice, health equity, and inclusive economic development. This approach will help leverage the resources and expertise of established organizations and ensure that our project aligns with and supports the broader community vision. **Long-Term Funding Strategies:** To support the project's sustainability, we will explore and pursue long-term funding strategies, including applying for grants, securing sponsorships, and exploring collaborations with private and public partners. By diversifying our funding sources, we aim to ensure the project's continued financial stability and its ability to advance the community's goals and objectives. **Dissemination and Replication:** We will share the lessons learned, best practices, and success stories from our project with other communities, organizations, and policymakers facing similar environmental justice challenges. This will promote the adoption of effective strategies in other communities and contribute to broader improvements in public health and environmental quality nationwide. By implementing this Sustainability Plan and Community Vision, we aim to create lasting change in the Seaford community and contribute to a healthier, more equitable future. Our approach focuses on building on SHEN's initiatives, fostering community ownership and empowerment, capacity building, collaboration with local organizations and stakeholders, integration into existing community initiatives, long-term funding strategies, and dissemination and replication. By leveraging the results and momentum of the SHADID project, we will strive to not only address immediate environmental and public health concerns but also build a strong foundation for ongoing community-led action against environmental injustice and health disparities, such as the fight against the Bioenergy Devco project. This holistic approach will ensure that our project's impact extends far beyond its initial implementation, benefiting the Seaford community and other communities facing similar challenges across the nation.

4. Programmatic Capability

a. Organizational Experience:

ESJA is a new organization, in that it was just recently formed, yet our staff have significant proven experience developing and implementing organizational and financial management systems that meet 501(c)(3) best management practices. ESJA also hase decades of experience administering and managing government and other large grants and individual organizational budgets exceeding 4 million dollars. ESJA also has significant legal and policy advocacy experience, including working on-the-ground with frontline communities dealing with environmental injustices, in particular having worked extensively with SHEN and Project Manager and Principal Investigator, Maria Payan, in numerous states across the Eastern United States, including Sussex County Delaware on matters relating to the Bioenergy Devco development proposal.

Staff Experience/Qualifications of the Project Manager

Maria Payan, Project Manager and the Co-Founder and Director of SHEN has 20+ years of experience in community organizing and will work with all stakeholders. As project manager, she will continue and advance the CBPR project and campaigns to protect overburdened communities with the community input in the decision-making process. Maria is the Co-Founder

and Director of SHEN, a designated environmental justice and climate action hub partner, part of the Region III TCTAC, and a member of the Mid-Atlantic Environmental Justice Coalition. SHEN is also part of the ongoing Regional Air Monitoring of Poultry Emissions in Delmarva (RAMPED) Study. SHEN has been actively working in the Seaford community for the past 2 years and working in Sussex County, Delaware for nearly 6 years. SHEN, in collaboration with our local partners, filed a Title VI administrative complaint with the EPA focused on the proposed Bioenergy Devco Anaerobic Digester facility's permitting process. Other engagement with the Seaford community is outlined above. Maria has worked with Danielle Diamond of EJSA for over a decade fighting environmental injustices associated with industrial food animal production and its related infrastructure.

Michael Payan of SHEN, will serve as the co-manager, supporting the Project Manager working with partners to achieve project objectives. Michael and SHEN have ongoing long-term relationships with the listed partners and extensive experience in community-based participatory research as a community organizer and marketing and communications specialist with broad experience applying digital marketing tools to campaigns for non-profit organizations and individuals working to advance social and environmental justice. In this capacity, Michael has worked to build people power, economic opportunities, and a safe environment, uplift the voices of impacted overburdened communities and ensure their participation in developing sustainable community-oriented solutions, and build a collective voice for healthy communities and inclusiveness in representation. He is the Co-Founder of SHEN, organizing around community health issues such as assessing impacts related to industrial chicken farming, GIS mappings and health training. Michael has contributed to community and citizen science projects including work with CEEJH and Johns Hopkins University School of Public Health. Michael has worked on environmental justice and health issues related to industrial chicken farming in the Delmarva region. Michael has also worked with CEEJH to perform health impact assessments, used GIS to assess differential burden of industrial chicken farming, provided training and workshops to impacted residents, and provided technical assistance on zoning and planning issues.

Dr. Chris Heaney, an environmental and occupational epidemiologist with training in exposure sciences, microbiology, immunology, toxicology, and community-based participatory research (CBPR). Dr. Heaney is Associate Professor of Environmental Health and Engineering, Epidemiology, and International Health and founding Director of the Environmental Health Microbiology and Immunology Laboratory (EHMIL), the Salivary Biomarkers of Infectious Diseases (SPID) Program, and Community Science and Innovation for Environmental Justice (CSI EJ) Initiative at the Johns Hopkins Bloomberg School of Public Health (JHSPH). Dr. Heaney specializes in CBPR focused on addressing community-identified environmental health and environmental justice concerns.

Sacoby Wilson, PhD, is an Associate Professor at the Maryland Institute for Applied Environmental Health, School of Public Health, UMD-College Park, where he directs the Center for Community Engagement, Environmental Justice, and Health (CEEJH). He has 25+ years of experience as an EJ advocate and 20+ years of experience as an environmental health scientist in exposure science, air quality monitoring, GIS mapping, and CAFOs. Dr. Wilson will act as a technical expert on this project. Dr. Wilson has almost 25 years of experience using the EPA Collaborative Problem-Solving Model integrated the CPS Model into all of his community-engaged research, scholarship, and practice.

Eileen O'Rourke, has significant prior experience administering government and other large grants in her former role as Executive Director for GoFarm, as well as in other capacities. She

has 10 years of full-time professional experience in providing technical support to the Strategic Environmental Research and Development Program. This work included all aspects of grant administration i.e., developing statements of needs to support grant solicitations, managing the application submission process, reviewing applications, developing and managing a peer review selection process, tracking and monitoring of awarded projects, developing strategic selection criteria, work plans and program performance metrics, and managing the program budget ($4.3M). She also has been a P.I. for numerous federal, state and local grants,providing invaluable experience and perspective as a grant writer, recipient, and manager. Eileen will provide project grant administration and reporting support.

Danielle J. Diamond, Esq., has been a Visiting Fellow with Harvard Law School since 2021, and also serves as ESJA's Chief Legal & Policy Director. She has well over a decade of experience working on complex regulatory matters intersecting local, state and federal environmental laws and directing hundreds of local rural community campaigns across nearly 30 states to address the negative consequences of industrial animal agriculture. Through this work, she regularly consulted with project manager and Principal Investigator, Maria Payan, to provide support for numerous community-driven initiatives across the Eastern Shore, including efforts relating to the Bioenergy Devco development. For this particular project, Ms. Diamond will assist SHEN, its partners, and the local communities they serve, in utilizing their community-driven research to strategize and develop viable social and environmental justice policy solutions for the problems they are confronting, which will include a comprehensive action plan and policy recommendation report with prioritized solution-based strategies and proposed policy to positively impact health, equity, well-being and quality of life for the community.

Expenditure of Awarded Grant Funds, and plan for compliance with EPA's Pre-award Compliance Review for Nonprofit Organizations The project manager will collaborate with EJSA administrative personnel, as outlined in the budget details, in addition to project co-manager, consultants, and technical partners to guarantee prompt and proficient project management and reporting. This project encompasses comprehensive plans for routine partner meetings and communication, a board oversight committee, and our administrative processes that provide multiple safeguards for proper handling of funds obtained through grant programs. EJSA intends to conduct regular audits, ensure compliance with all legal requirements and regulations and to preserve precise records while implementing suitable data collection and reporting methodologies.

5.0 Past Performance The staff at EJSA boast a well-established history of effectively managing large grants, including government grants. We currently have several pending government grant applications with local community partners, Sussex Health and Environmental Network (SHEN) and Sentinels of Eastern Shore Health (SESH), that we have committed to serve as a fiscal sponsor for. However, as a new 501(c)(3) organization, this project will be the first government grant in which ESJA will provide both fiscal sponsorship as well as overall grant administration and project reporting support. Eileen O'Rourke, the Project Administrator, will be responsible for oversight over the management of both grant funding and reporting.

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Environmental Protection Agency

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Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

Friends of Anacostia Park EJCPS

1234-FoAP_Narrative.pdf
application/pdf
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1235-FoAP_RSTOR_Logic_Model.pdf
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1236-FoAP_RSTOR_Employee_Roster.pdf
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1237-FoAP_Resumes.zip
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1238-FoAP_Budget.xlsx
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1239-FoAP_Budget_Narrative.pdf
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Application
New
2023-04-14
FRIENDS OF ANACOSTIA PARK
87-3349249
PEANRML7VJZ8
Ex. 6 Personal Privacy (PP)
WASHINGTON
DC: District of Columbia
20020-4619
USA: UNITED STATES

Mr.
Richard
Trent

Executive Director
Ex. 6 Personal Privacy (PP)
richard@thefoap.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM
The Friends Corps RSTOR (Reconnecting Stewards to Our River) Initiative

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DC-98
2023-11-01
2024-11-01
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b. Program is subject to E.O. 12372 but has not been selected by the State for review.
N: No
Y: Yes
Mr.
Richard
Trent

Executive Director
Ex. 6 Personal Privacy (PP)
richard@thefoap.org
Richard Trent
2023-04-14

Mr.
Richard
Trent

Executive Director
Ex. 6 Personal Privacy (PP)
WASHINGTON
DC: District of Columbia
20020
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
richard@thefoap.org

Mr.
Richard
Trent

Executive Director
Ex. 6 Personal Privacy (PP)
WASHINGTON
DC: District of Columbia
20020
USA: UNITED STATES

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richard@thefoap.org

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Richard
Trent

Executive Director
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20020
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
richard@thefoap.org

Lydia
Daniel

Director of Programming
Ex. 6 Personal Privacy (PP)
WASHINGTON
DC: District of Columbia
20020
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
lydia@thefoap.org

FRIENDS OF ANACOSTIA PARK
Ex. 6 Personal Privacy (PP)
WASHINGTON
DC: District of Columbia
20020-4619

PEANRML7VJZ8
Richard Trent
Ex. 6 Personal Privacy (PP)
richard@thefoap.org
Executive Director
N: No
N/A
N/A
N/A
N: No
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
Y: Yes
N/A
N/A
Richard Trent
Executive Director
2023-04-14

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Richard Trent
GRANT13861959

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 04/14/2023

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: FRIENDS OF ANACOSTIA PARK

* b. Employer/Taxpayer Identification Number (EIN/TIN): 87-3349249

* c. UEI: PEANRML7VJZ8

d. Address:

* Street1: Ex. 6 Personal Privacy (PP)
Street2:
* City: WASHINGTON
County/Parish:
* State: DC: District of Columbia
Province:
* Country: USA: UNITED STATES
* Zip / Postal Code: 20020-4619

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Mr.
* First Name: Richard
Middle Name:
* Last Name: Trent
Suffix:

Title: Executive Director

Organizational Affiliation:

* Telephone Number: Ex. 6 Personal Privacy (PP)
Fax Number:

* Email: richard@thefoap.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

The Friends Corps RSTOR (Reconnecting Stewards to Our River) Initiative

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: DC-98 | * b. Program/Project: DC-98

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 11/01/2023 | * b. End Date: 11/01/2024

18. Estimated Funding ($):

* a. Federal	150,000.00
* b. Applicant	0.00
* c. State	35,000.00
* d. Local	0.00
* e. Other	260,000.00
* f. Program Income	0.00
* g. TOTAL	445,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☒ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☐ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Mr. | * First Name: Richard

Middle Name:

* Last Name: Trent

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 Personal Privacy (PP) | Fax Number:

* Email: richard@thefoap.org

* Signature of Authorized Representative: Richard Trent | * Date Signed: 04/14/2023

FRIENDS of ANACOSTIA PARK

FY23 EMPLOYEE ROSTER

Name	*Position*	*Hours*	*Salary*
Richard Trent	Executive Director	40 hrs/ week	Ex. 6 Personal Privacy (PP) / year
Lydia Daniel	Director of Programming	40 hrs/ week	Ex. 6 Personal Privacy (PP) year
LaShauntya Moore	Friends Corps Manager	40 hrs/ week	Ex. 6 Personal Privacy (PP) year
Nathan Peebles	AmeriCorps VISTA	40 hrs/ week	N/A
Helen Swann	AmeriCorps VISTA	40 hrs/ week	N/A

Casey Trees
WASHINGTON DC

April 14, 2023

Casey Trees
3030 12th Street NE
Washington, DC 20017

To Whom It May Concern:

The purpose of this correspondence is to express our organization's support for a more intentioned collaboration with Friends of Anacostia Park (FoAP)—especially as it pertains to community-led greening and watershed revitalization efforts in the historic national park.

Over the last year, we have collaborated with Friends of Anacostia Park in numerous ways. First, we helped the organization source a tree for a soft launch tree planting ceremony in October 2021. We have tabled at the Late Skates—Friends of Anacostia Park's flagship event that brings hundreds of residents and park visitors to the Anacostia Park Skating Pavilion for boat rides and free skate rentals. More recently, we worked with Friends of Anacostia Park for a volunteer engagement with DC United teaching all parties involved how to mulch trees then leading the group in the mulching of 20 trees around the Pavilion.

Moving forward, we are interested in serving as a sourcing partner, arboreal consultant and park restoration collaborator with FoAP, as the organization works with the National Park Service to enhance the tree canopy in Anacostia Park. Such enhancements will augment the number of shaded areas in the Park for visitors and mitigate issues surrounding stormwater runoff into the Anacostia River.

We are excited to build on our collaborations of the last year for the betterment of the Anacostia Park ecosystem and uplift of nearby neighborhoods who regularly use the Park.

Sincerely,

Mark Buscaino
Executive Director

WARD 8 WOODS

Healing the land, empowering People

3214 11th Place Southeast
Washington, DC 20032

Ex. 6 Personal Privacy (PP)
nathan@ward8woods.org

April 13, 2023

Ward 8 Woods Conservancy
3214 11th Place SE
Washington, DC 20032

To Whom It May Concern:

This letter acknowledges our organization's intent to connect the forest remediation work of our Park Stewards program with the park restoration effort of Friends of Anacostia Park's (FoAP) Friends Corps. Since 2018, our Park Stewards have removed 900,000 pounds of trash and cut invasive vines from 3,500 trees in Fort Stanton Park, Suitland Parkway, Oxon Run Parkway and Shepherd Parkway. Our decision to work more closely with Friends of Anacostia Park represents our first cleanup effort in Anacostia Park, and we believe the remediation of the forests on the edges of the Park are key to improving the health and vitality of the local ecosystem.

Earlier this summer, we established a connection with Friends of Anacostia Park—leading a trash removal training and taking some of their Friends Corps members into the forests on the outskirts of the Park. We believe that a formal collaboration between our organization and FoAP will result in the removal of 10,000 pounds of trash, the cutting of vines from at least 40 trees and the removal of at least 20 ailanthus trees from Anacostia Park. Our Park Stewards—working with the Corps—will not only remediate the forest patch in Anacostia Park, but also spread awareness about the importance of not littering and limiting single-use plastics.

Warmly,

Merrit Drucker
Board Chair
Ward 8 Woods

ANACOSTIA WATERSHED SOCIETY

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April 14, 2023

Dear Review Committee,

As a local nonprofit watershed organization, Anacostia Watershed Society is committed to protect and restore the Anacostia River watershed and its watershed communities. This letter signals our intent to continue our partnership with Friends of Anacostia Park (FoAP) and support their Corps training as a part of the RSTOR initiative. We will also work with FoAP to facilitate on-water programming and boat tours that help local residents develop a deep and resounding connection to the Anacostia River and national park in their "backyards."

Anacostia Watershed Society works to protect and restore the Anacostia river by uniting different partners around the river restoration effort—and that work often involves a) deputizing local residents to lead the conservation charge; and b) helping residents foster a connection to the Anacostia River through meaningful explorations of its beauty. Our goal of making the river fishable and swimmable is a goal shared by the mostly BIPOC residents of Wards 7/8 in DC, who have continued to enjoy Anacostia Park through decades of institutional neglect. This collaboration with Friends of Anacostia Park will be an important step in stewarding a culture of environmentalism and resident-led conservation in a community that has remained resilient in the face of underinvestment.

Our work with Friends of Anacostia Park will include:

- Leading our Watershed Stewards Academy training program with the Friends Corps, which equips community leaders with the resources needed to address local pollution problems;
- Leading on-water activities, boat tours at FoAP's community events, and an orientation to help Corps members build their knowledge of river restoration.

The George Washington House • 4302 Baltimore Avenue • Bladensburg, MD 20710-1031
o. Ex. 6 - Personal Privacy (PP) • f. Ex. 6 - Personal Privacy (PP) • info@anacostiaws.org • www.AnacostiaWS.org

Thank you for your consideration of this proposal. We look forward to deepening our partnership with Friends of Anacostia Park and the surrounding community through the success of this RSTOR Initiative.

Sincerely,



Ariel Trahan
Director of River Restoration Programs
Anacostia Watershed Society

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OMB Number: 2030-0020
Expiration Date: 06/30/2024

Preaward Compliance Review Report for All Applicants and Recipients Requesting EPA Financial Assistance

Note: Read Instructions before completing form.

I. A. Applicant/Recipient (Name, Address, City, State, Zip Code)

Name: Grounded Strategies

Address: c/o Ascender
6401 Penn Ave, 3rd Floor

City: Pittsburgh

State: PA: Pennsylvania Zip Code: 15206

B. Unique Entity Identifier (UEI): ZD7XKE48NK37

C. Applicant/Recipient Point of Contact

Name: Ariam Ford

Phone: Ex. 6 Personal Privacy (PP)

Email: ariam@groundedpgh.org

Title: Executive Director

II. Is the applicant currently receiving EPA Assistance? ☐ Yes ☒ No

III. List all pending civil rights lawsuits and administrative complaints filed under federal law against the applicant/recipient that allege discrimination based on race, color, national origin, sex, age, or disability. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

IV. List all civil rights lawsuits and administrative complaints decided against the applicant/recipient within the last year that alleged discrimination based on race, color, national origin, sex, age, or disability and enclose a copy of all decisions. Please describe all corrective actions taken. (Do not include employment complaints not covered by 40 C.F.R. Parts 5 and 7.)

V. List all civil rights compliance reviews of the applicant/recipient conducted under federal nondiscrimination laws by any federal agency within the last two years and enclose a copy of the review and any decisions, orders, or agreements based on the review. Please describe any corrective action taken. (40 C.F.R. § 7.80(c)(3))

VI. Is the applicant requesting EPA assistance for new construction? If no, proceed to VII; if yes, answer (a) and/or (b) below.

☐ Yes ☒ No

a. If the grant is for new construction, will all new facilities or alterations to existing facilities be designed and constructed to be readily accessible to and usable by persons with disabilities? If yes, proceed to VII; if no, proceed to VI(b).

☐ Yes ☐ No

b. If the grant is for new construction and the new facilities or alterations to existing facilities will not be readily accessible to and usable by persons with disabilities, explain how a regulatory exception (40 C.F.R. 7.70) applies.

VII. **Does the applicant/recipient provide initial and continuing notice that it does not discriminate on the basis of race, color, national origin, sex, age, or disability in its program or activities? (40 C.F.R 5.140 and 7.95)** ☒ Yes ☐ No

a. **Do the methods of notice accommodate those with impaired vision or hearing?** ☒ Yes ☐ No

b. **Is the notice posted in a prominent place in the applicant's/recipient's website, in the offices or facilities or, for education programs and activities, in appropriate periodicals and other written communications?** ☒ Yes ☐ No

c. **Does the notice identify a designated civil rights coordinator?** ☐ Yes ☒ No

VIII. **Does the applicant/recipient maintain demographic data on the race, color, national origin, sex, age, or disability status of the population it serves? (40 C.F.R. 7.85(a))** ☒ Yes ☐ No

IX. **Does the applicant/recipient have a policy/procedure for providing meaningful access to services for persons with limited English proficiency? (Title VI, 40 C.F.R. Part 7, *Lau v Nichols* 414 U.S. (1974))** ☒ Yes ☐ No

X. **If the applicant is an education program or activity, or has 15 or more employees, has it designated an employee to coordinate its compliance with 40 C.F.R. Parts 5 and 7? Provide the name, title, position, mailing address, e-mail address, fax number, and telephone number of the designated coordinator.**

XI. **If the applicant is an education program or activity, or has 15 or more employees, has it adopted grievance procedures that assure the prompt and fair resolution of complaints that allege a violation of 40 C.F.R. Parts 5 and 7? Provide a legal citation or applicant's/ recipient's website address for, or a copy of, the procedures.**

For the Applicant/Recipient

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. I assure that I will fully comply with all applicable civil rights statutes and EPA regulations.

A. Signature of Authorized Official	B. Title of Authorized Official	C. Date
Ariam A Ford	Executive Director	04/14/2023

For the U.S. Environmental Protection Agency

I have reviewed the information provided by the applicant/recipient and hereby certify that the applicant/recipient has submitted all preaward compliance information required by 40 C.F.R. Parts 5 and 7; that based on the information submitted, this application satisfies the preaward provisions of 40 C.F.R. Parts 5 and 7; and that the applicant has given assurance that it will fully comply with all applicable civil rights statures and EPA regulations.

A. *Signature of Authorized EPA Official	B. Title of Authorized Official	C. Date

Instructions for EPA FORM 4700-4 (Rev. 04/2021)

General. Recipients of Federal financial assistance from the U.S. Environmental Protection Agency must comply with the following statutes and regulations.
Title VI of the Civil Rights Acts of 1964 provides that no person in the United States shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. The Act goes on to explain that the statute shall not be construed to authorize action with respect to any employment practice of any employer, employment agency, or labor organization (except where the primary objective of the Federal financial assistance is to provide employment). Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act provides that no person in the United States shall on the ground of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under the Federal Water Pollution Control Act, as amended. Employment discrimination on the basis of sex is prohibited in all such programs or activities. Section 504 of the Rehabilitation Act of 1973 provides that no otherwise qualified individual with a disability in the United States shall solely by reason of disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance. Employment discrimination on the basis of disability is prohibited in all such programs or activities. The Age Discrimination Act of 1975 provides that no person on the basis of age shall be excluded from participation under any program or activity receiving Federal financial assistance. Employment discrimination is not covered. Age discrimination in employment is prohibited by the Age Discrimination in Employment Act administered by the Equal Employment Opportunity Commission. Title IX of the Education Amendments of 1972 provides that no person in the United States on the basis of sex shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Employment discrimination on the basis of sex is prohibited in all such education programs or activities. Note: an education program or activity is not limited to only those conducted by a formal institution. 40 C.F.R. Part 5 implements Title IX of the Education Amendments of 1972. 40 C.F.R. Part 7 implements Title VI of the Civil Rights Act of 1964, Section 13 of the 1972 Amendments to the Federal Water Pollution Control Act, and Section 504 of The Rehabilitation Act of 1973.

Items "Applicant" means any entity that files an application or unsolicited proposal or otherwise requests EPA assistance. 40 C.F.R. §§ 5.105, 7.25. "Recipient" means any State or its political subdivision, any instrumentality of a State or its political subdivision, any public or private agency, institution, organizations, or other entity, or any person to which Federal financial assistance is extended directly or through another recipient, including any successor, assignee, or transferee of a recipient, but excluding the ultimate beneficiary of the assistance. 40 C.F.R. §§ 5.105, 7.25. "Civil rights lawsuits and administrative complaints" means any lawsuit or administrative complaint alleging discrimination on the basis of race, color, national origin, sex, age, or disability pending or decided against the applicant and/or entity which actually benefits from the grant, but excluding employment complaints not covered by 40 C.F.R. Parts 5 and 7. For example, if a city is the named applicant but the grant will actually benefit the Department of Sewage, civil rights lawsuits involving both the city and the Department of Sewage should be listed. "Civil rights compliance review" means: any federal agency-initiated investigation of a particular aspect of the applicant's and/or recipient's programs or activities to determine compliance with the federal non-discrimination laws. Submit this form with the original and required copies of applications, requests for extensions, requests for increase of funds, etc. Updates of information are all that are required after the initial application submission. If any item is not relevant to the project for which assistance is requested, write "NA" for "Not Applicable." In the event applicant is uncertain about how to answer any questions, EPA program officials should be contacted for clarification.

1.0 PROGRAM OBJECTIVES

Project Summary

Title: The Friends Corps RSTOR (Reconnecting Stewards to Our River) Initiative

Project Location: Anacostia Park, Wards 7 & 8, Washington, District of Columbia, 20020

Applicant Information: Friends of Anacostia Park; Ex. 6 Personal Privacy (PP) Washington, D.C. 20020; Richard Trent; Richard@thefoap.org; Ex. 6 - Personal Privacy (PP)

Description of Organization: Friends of Anacostia Park (FoAP) enriches the lives of DC residents by preserving Anacostia Park and connecting surrounding communities to its redevelopment. FoAP envisions the restoration of a clean Anacostia Park that supports a vibrant ecosystem and the wellness of local residents. We protect the natural and built environment of the Park by ensuring local residents own the revitalization effort, and we activate the space as a meaningful convening point for all visitors. As the official philanthropic partner of the National Park Service (NPS), we safeguard the health of the Park ecosystem and its neighboring communities.

Small CBO Set Aside Track: Yes; employee roster can be found in additional attachments.

Project Abstract:

The Friends Corps RSTOR Initiative puts Wards 7/8 residents at the helm of the stormwater management and Anacostia River restoration effort. Support from this grant would enable FoAP to partner with Casey Trees, Ward 8 Woods, and the Anacostia Watershed Society to broaden our watershed restoration expertise and expand a community-driven stormwater management campaign to educate youth and park-goers on the importance of watershed rehabilitation. The scope of the Friends Corps RSTOR initiative encompasses five crucial components for improving river health:

1. Removing trash and single-use plastics from the riparian forests that would have ended up in the watershed (goal: 30,000 lbs. removed)
2. Enrolling Friends Corps members in Anacostia Watershed Society's Watershed Stewards Academy—a citizen science and ecological survey course that teaches local residents how to recognize and address local pollution (goal: 50% of Friends Corps enrolled and graduating)
3. Removing invasive species and vines that kill trees, leading to coastal erosion and the destabilization of our park ecosystem (goal: 400 sq. ft. removed)
4. Planting trees along the River and throughout the Park to reduce coastal erosion (goal: 50 trees)
5. Facilitating boat rides, on-river activities and community forums in partnership with Anacostia Watershed Society to process the legacy of environmental racism and trauma that have dealt a blow to our culture of environmentalism and help residents foster a personal connection to the Anacostia River (goal: 3 community forums).

This project will be led entirely by our Friends Corps—who will receive formal water quality monitoring, tree maintenance and invasive/trash removal trainings. Corps members will also play a crucial role in bringing residents east of the River to our planned community forums and on-river activities to discuss what residents can do about the rampant litter and trash problem in Anacostia.

Project Types: Environmental job training, stormwater issues & water quality monitoring, public education.

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Special Considerations: No special consideration applicable.

Environmental Issues: Stormwater & water quality, environmental justice & health.

List of Project Partners: Ward 8 Woods (CBO), Casey Trees (CBO), Anacostia Watershed Society (CBO).

Quality Assurance Project Plan: A QAAP is not needed for applicant project.

Environmental and Public Health Information of the Underserved Community

There is a deeply symbiotic relationship between the health of the Anacostia River and the health of surrounding communities. Indigenous populations in the area began declining when coastal forests were razed hundreds of years ago to make way for the profitable tobacco trade—a move that destabilized coastal soil and greatly impacted the River's depth. Wildlife suffered when the River was dredged a century ago, and the natural wetlands were suffocated to make space for Anacostia Park. The native ecosystem continued to languish through decades of industrialization, which once made Anacostia River the most polluted body of water in America.

The inequitable planning decisions of the last 70 years caused Anacostia Park to fall into disrepair as institutional disinvestments left the predominantly BIPOC citizenry languishing. These poorly planned infrastructure investments and adverse city planning decisions—like the establishment of racially segregated Park zones, the legacy sewage systems that polluted the River, or the construction of Interstate 295 that cut off neighboring BIPOC communities from the park—reflect the racial and economic inequities of the past. Nevertheless, the resilience of the Park reflects the resilience of the surrounding community, who feel a deep sense of ownership over Anacostia Park and have continued to convene there.

The demographics of the Park's neighboring Wards (7/8) reflect the decades of institutional disinvestment that have plagued the area. Residents east of the Anacostia River are 92% Black--the legacy of redlining and economic segregation. Nearly 1 out of 5 Anacostians are unemployed, whereas only 1 out of 25 Washingtonians are jobless. Only 25% of Ward 8 residents own their homes, so the specter of green gentrification hangs over all talk of "revitalization." A recent study conducted by Active Kids, Healthy Communities identifies neighborhoods east of the Anacostia River—namely Wards 7/8—as "physical activity deserts," or urban areas where it is difficult to find a safe place to engage in physical activity. As seen on EJScreen, out of all Wards in DC, food deserts exist only in Wards 7/8. Additionally, EJScreen reflects the low life expectancy and high asthma rates experienced by Ward 7/8 residents, where a majority of the tracts in these Wards fall under the 95-100 percentile. Moreover, Anacostia Park's construction on a floodplain is reflective of the institutional missteps that have occurred over the past century; as such, residents will be the first to experience the ramifications of climate change.

The COVID-19 pandemic and subsequent quarantine highlighted the ways that urban parks can function as mental health resources for underserved areas. This sea-change in our thinking around park use happened at the same time that Anacostia Park began going through a renaissance of sorts—as real estate developers and city planners began debating how the land in and around Anacostia Park should be used. The influx of new residents into Wards 7 and 8 has generated renewed interest in the restoration of Anacostia Park, but multiple challenges loom large. Invasive species are dominating the Park and disrupting the vegetative balance near the

River. Thousands of pounds of trash remain buried in the soil of the Park's forests. Moreover, the underfunding of the NPS has given way to maintenance and resource management backlogs that stymie progress. Without a community-led effort to address these pressing challenges— and a sustained campaign to re-educate local residents about this unique relationship between the people and the River—the ecosystem will continue to degrade, and many residents will remain steadfast in their nihilism. Working to address this inequity head-on, FoAP is committed to turning the challenges of revitalization into an opportunity for community uplift. As such, we tether all of our conservation and park restoration efforts to economic opportunities for local residents.

Organization's Historical Connection to Underserved Community

When the National Park Service (NPS) and National Park Foundation (NPF) began incubating Friends of Anacostia Park in 2018, the point was to put residents in charge of the park revitalization effort and avoid the planning missteps of the past. NPF hired environmental activist, Akiima Price, who pioneered a model for *meaningful engagement* that put Anacostia residents at the center of the Park redevelopment effort—ensuring that the uplift of the Park would not become decoupled from the hopes and dreams of local residents. Ms. Price's weekly park cleanups with engaged residents and volunteers paved the way for the development of FoAP's Friends Corps—the workforce development cohort that leads in-park conservation, increases the visibility of local residents in the Park and expands access to the Park through culturally-relevant program facilitation. Comprised of regular park-users from Anacostia, the Corps is uniquely positioned to lead the greater Park community in the rehabilitation of the watershed because they couple strong, personal ties to Anacostia neighborhoods with technical expertise in land and water conservation.

Across our national park ecosystem, Friends groups work to ensure that green spaces are preserved, rivers are cleaned and wildlife is protected. For Friends groups serving parks situated in urban environments, the moral imperative is slightly different. Those Friend groups are charged with figuring out the best ways to leverage the human and social capital of nearby residents to restore parks while supporting the economic uplift of historically underserved communities. Community-led environmental initiatives have often been stymied by institutional players who took a deficit-minded approach to evaluating the qualifications and capabilities of local leaders to do transformational work. Our model flips this problematic paradigm on its head and connects conservationists from the neighborhood with the means for economic uplift.

Anacostia residents experience physical barriers to park access--like Interstate 295 that separates 155,000 BIPOC residents from the natural asset in their backyard--and psychic barriers to Park access connected to a legacy of inequitable development in the region. Bruce Holmes, who lives Ex. 6 Personal Privacy (PP) was admonished as a child for visiting the River when his parents heard bodies were floating in the River. Phyllis Nelson remembers the crime that proliferated around the entrances of the Park in the 1980s. Today, Mr. Holmes and Ms. Nelson are senior managers on our Corps, educating the next generation of park stewards. Our *meaningful engagement* approach—which acknowledges all residents' capacity for impacting positive change—makes space for personal transformation and equips residents with the skills to lead park conservation efforts.

Because Anacostia Park is in Ward 7/8's backyard, its revitalization impacts the lives of nearly 150,000, mostly BIPOC residents. To avoid the inequitable development missteps of the past, all programmatic efforts put community in the driver's seat of the restoration effort and looking for every opportunity to meaningfully engage residents in the Park's uplift—be it through gainful employment, arts-based programming or youth development. The core principle of our organizational model acknowledges that people contribute to the uplift of Anacostia Park in unique and important ways. Not every park-goer is capable of making a six-figure contribution to our mission; many folks, however, have dedicated thousands of hours to making the Park a more vibrant place. In every handshake and in every conversation is the recognition of the importance of both financial and human capital in the Park restoration effort.

We recognize that each park-goer shows up at Anacostia Park with different needs that need to be met. Some visitors need to feel a deep and abiding sense of community; others need recreational activities. To speak to these unique needs, we look to hire folks from all walks of life whose personal stories resonate with the many unique stories of our park-goers. Our Friends Corps, who will be leading the efforts of our RSTOR initiative, are returning citizens, older adults/elders, young adults, single mothers, single fathers, artists and athletes all committed to expanding access to Anacostia Park and making the space beautiful.

In revitalization, people like Mr. Holmes and Ms. Nelson play a pivotal role because park-work is not simply capital-intensive; it is labor-intensive, as well. There is a long history in Anacostia of outsourcing park-work and pushing green job opportunities away from the mostly BIPOC neighborhood. It is a missed opportunity that deepens residents' cynicism towards the planning process. To address that problematic legacy, our programming connects the dots between the restoration of the park and the economic empowerment of the Anacostia community—improving the Park while providing residents with living wage employment in the process. Anacostia residents inherited a polluted River and suffered health consequences that spanned multiple generations. Today, those residents own the restoration of the Park.

Already the RSTOR initiative is having an impact on the health of the watershed. Our team, working in partnership with Ward 8 Woods and Casey Trees, planted 120 trees and removed 23,850 pounds of trash from Anacostia Park since October 2022. The Corps also removed 297 invasive species—including ailanthus vines, bush honeysuckle and English ivy. Pleased with the outcomes of the first year of RSTOR, the National Park Service has encouraged us to seek out additional private and public support to bolster this effort moving forward. Augmented support will enable us to bring community-led conservation to other parts of the Park, which spans 1,200 acres along the Anacostia River.

EJCPS Model

Element 1 – Issue Identification, Community Vision, and Strategic Goal Setting

Friends of Anacostia Park was built on the understanding that the Park's revitalization could not be decoupled from the visions and ideas of residents in nearby neighborhoods. To that end, FoAP leads participatory planning efforts with NPS to ensure that Anacostians have ample opportunities to share their dreams for the future of the Park.

Our approach to community engagement, vision-setting and collective goal-planning leverages creative placemaking and in-park activations to capture data from the community. This way, our data gathering and planning efforts are culturally relevant and unintrusive.

Our community forums, like our Late Skates, leverage casual connections to activate cultural kinship and crystallize a culture of environmentalism. For instance: last summer, we asked NPS to extend the community comment window for the Development Concept Plan—the process by which the National Park Service gathers Anacostia residents' visions for the future of the Park and brings them to fruition. FoAP served as a cultural interpreter and community engagement advisor to ensure the hopes of the community were woven into the planning process. At the Late Skates, we led activities and conversations with attendees designed to gauge their hopes for the future of the Park—then shared their feedback with NPS.

After soliciting community feedback for the Development Concept Plan (DCP), the National Park Service halted its planning effort after community members asked NPS to engage the surrounding neighborhoods more intentionally around the reimagining of the Park. NPS has deputized us to facilitate more community discussions regarding the future of the Park. As such, the community forums that are a crucial component of this request will build on the data gathering and participatory planning efforts of the last year.

Element 2 – Community Capacity-Building and Leadership Development

The Friends Corps began officially in 2021 with three Anacostia residents who had been frequenting Anacostia Park for decades. Working at the behest of the National Park Service, Akiima Price worked with different training partners to build the technical expertise of this inaugural Corps so that they could competently work alongside Park Rangers to revitalize the Park. The RSTOR initiative builds on this initial model and scales it—keeping local residents at the heart of the revitalization push while tapping institutional expertise to guide the effort.

Our Friends Corps workforce development program turns the revitalization of urban parks into an opportunity to connect residents of underserved communities with meaningful work opportunities outdoors. We hire returning citizens, seniors and young parents–populations that are often overlooked as job-seekers–and empower them to lead the Park conservation effort through regular trash and invasive removal, tree planting and community engagement. As such, we increase community access to the Park by strengthening the culture of outdoor exploration in this mostly BIPOC region of DC.

Our foundational goal at Friends of Anacostia Park is to build a clean Anacostia Park that supports a vibrant ecosystem and the wellness of nearby communities. To that end, our efforts are always refracted through the lenses of *park health* and *community health*. The stated aims of the RSTOR initiative—to leverage the expertise and passion of local residents to mitigate challenges with stormwater management and shepherd a culture rooted in environmental justice—are congruent with the goals of improving park and community health. We remain focused on this unique approach to remediation because most of our team has witnessed firsthand the deleterious effects of underinvesting in urban parks, outsourcing park-work and failing to carve out space for residents to build cultures of environmental accountability.

Element 3 – Consensus Building

The greatest resource for leading this conservation effort is the trust and buy-in of local residents. What we are seeing now in Anacostia Park—from the growth of the Corps to the activation of the Park as a convening point—is a groundswell of community support for our existence and for the community-led uplift of the Park. There is a palpable sense amongst community members

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that something different is happening. We take care to engage the community around nearly every initiative we spearhead, engendering our engagements with the spirit of mutual trust.

While multiple organizations exist to protect the health of the Anacostia River watershed, fewer organizations own meaningful connections with residents and are poised to build consensus around community campaigns. Our commitment to meaningful engagement with local residents enables us to marshal the human capital needed to power this work, lead the revitalization charge with a focus on equity, and serve in the role of community convener and consensus-builder. The secret to our meaningful engagement and consensus building is acknowledging the unique ways folks contribute to the uplift of the Park—be it with their time, skills and/or money. Getting to *yes* with a group of invested residents means first recognizing the important ways that they are already enriching the Park.

Element 4 – Multi-Stakeholder Partnerships and Leveraging of Resources

Since June 2020, Friends of Anacostia Park has participated in 320 meetings with 62 different community organizations--most based in Wards 7 or 8. The reason for all the meetings--in addition to building consensus for the existence of the Friends group--was to distill our unique value proposition in a landscape that is already filled with different actors.

We also rely on close collaboration with environmental nonprofits to bolster the conservation skills of our Corps. We work with a variety of partners to help power our conservation and Corps training efforts. Anacostia Watershed Society, Anacostia Riverkeeper, Ward 8 Woods and other regional environmental organizations led the training of our Friends Corps. Working with Anacostia environmental leaders, those organizations have also endorsed FoAP's RSTOR initiative. RSTOR—which is a small-scale local-initiative situated in a larger watershed rehabilitation effort—is a multi-pronged approach to community stormwater management and park preservation focused on riparian forest preservation, the beautification of high-traffic areas in Anacostia Park, the remediation of the Anacostia River and helping residents destigmatize river use through guided exploration.

FoAP is a steering member of the Anacostia Park and Community Collaborative (APACC)--a Clean Water Action-backed assembly of 60+ organizations working in or around Anacostia Park. Recognizing that the revitalization effort happens at the nexus of public consensus and private investment, we serve as a liaison between NPS and the myriad of community-based organizations that are deeply committed to the uplift of Anacostia Park.

Element 5 – Constructive Engagement by Relevant Stakeholders

In Wards 7 and 8—where generations have witnessed the fallout of poor planning decisions and inequitable development—cynicism functions as a protective mechanism, as armor. However, the success of the RSTOR initiative relies on the zeal and optimism of an energized and engaged citizenry. Our RSTOR community forums, like our Late Skates, will leverage culturally relevant programming to ensure community members have the ability to participate in the collaborative problem-solving process and share their concerns and feedback with FoAP and NPS. The community forums our Corps will facilitate as a part of this RSTOR push will build on our track record as a convenor and get residents to consider what steps they can take to improve the vitality of the watershed.

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Most importantly, our RSTOR community forums and boat rides—planned with Anacostia Watershed Society—will leverage recreation, on-water exploration and casual connection to activate cultural kinship and crystallize a culture of environmentalism. The best exchanges in Anacostia Park often happen with music playing in the background and burgers grilling somewhere nearby. To get residents to confront the tragic legacy of institutional disinvestment and pollution—while devising strategies for tackling those problems today—folks' guards must be down.

Element 6 – Evaluation

An ancillary benefit of our formal partnership with NPS is our dogged focus on program evaluation and data-tracking. As the official philanthropic partner of NPS, we are subject to reporting requirements around volunteer and visitor engagement, conservation efficacy and program development. This means that so much of our evaluation thinking is baked into our program operations. All events—including the forums we are hosting as a part of RSTOR—feature exit surveys to gauge visitor enjoyment/dissatisfaction. Our Friends Corps members complete entrance and exit surveys, meant to track the growth in their technical skillsets and feelings about their professional potential. Finally, our program outcomes are shared with our community of stakeholders at the end of every year. This meeting will be more than a forum for holding FoAP accountable for the work we are doing; it is also an opportunity to strengthen the kinship amongst the residents and park-goers we serve.

Project Linkage

The RSTOR Initiative promotes environmental justice and civil rights at federal, state, and local levels. Historically, the revitalization of urban parks resulted in the omission of BIPOC communities from the planning and visioning process.. We fight that legacy by putting residents at the helm of the revitalization effort and ensuring the benefits of revitalization redound to the surrounding community (increased park use, improved health, green job creation). Our status as the official philanthropic partner of the National Park Service—and liaison between the Anacostia community and the administrative forces governing the land and water—means that our sanctioning government agencies are augmenting their internal capacities for letting culturally relevant community engagement drive the re-imagining of Anacostia Park.

The legacy of discourse around environmentalism and conservation has focused heavily on the need to preserve certain plant or animal species—seldom considering the ways urban communities interact with urban ecosystems. Our model of community-driven restoration sees ecosystem preservation and community uplift as one-in-the-same. In other words, FoAP focuses on the conservationists as much as the actual conservation efforts. We believe that a healthy, economically stable Anacostia is a precondition for sustainable conservation in Anacostia Park. Current park-goers and young people—who are the next generation of park stewards—must feel a meaningful sense of ownership over the restoration of the Park in order for the revitalization to happen in an equitable manner.

In Wards 7/8, establishing sustainable initiatives means consensus-building at the grassroots level and leveraging work to create opportunities for economic empowerment. Where possible, we connect the revitalization of the Park to the economic uplift of Anacostians. Restoring the Park and River in an equitable manner is not limited to fundraising for physical improvements — we elevate the voices of residents and put the community in the driver's seat of the planning

effort. The ethos at the heart of our mission acknowledges the symbiotic relationship between the health of the park ecosystem and the health of nearby neighborhoods—or as environmental activist, Dennis Chestnut, says: "If the community isn't healthy, then the River isn't healthy." As such, FoAP fosters a thriving planet by carving out space for residents to discuss the lingering traumas connected to decades of institutional neglect and create leadership opportunities and living wage employment for residents committed to addressing these wider, environmental challenges.

Partners and Collaborate

Though Corps members bring a wealth of technical experience to this project, FoAP is not an expert in stormwater management. Rather, FoAP has activated Anacostia Park as a convening point and training site for the empowerment of local residents. It is for this reason that we are partnering closely with Casey Trees, Ward 8 Woods, and the Anacostia Watershed Society to successfully execute RSTOR.

We collaborate with Casey Trees, a local nonprofit committed to improving the District's tree canopy, to sustainably source trees for the Park. Casey trees is committed to implementing 40% tree cover in DC by 2032, with much of this work to be done in Wards 7 & 8. They have already aided FoAP in the planting of 120+ trees in the Park. As a CBO with native tree expertise, Casey Trees will provide maintenance training for Friends Corps members and aid in the source, transport, and planting of native trees.

Ward 8 Woods is also a close partner, leading trash removal trainings for our Friends Corps earlier this year and working with us to cut vines from trees in the riparian forest and haul out thousands of pounds of trash. Their sustained investment in Ward 7/8 comes from years of hiring from these wards and a commitment to restoring Ward 8 forests. As a CBO with cleanup expertise, Ward 8 Woods will facilitate additional training for the 2023 Friends Corps cohort and continue to aid in the removal of vines and trash from the Park.

The Anacostia Watershed Society aims to empower a legion of watershed residents to be educated stewards of the Anacostia River. As a CBO with watershed restoration experience, they will train Friends Corps members through their Watershed Stewards Academy—a citizen science and ecological survey course that teaches residents how to address local pollution. Additionally, they will aid in the facilitation of community forums, boat rides and on-river activities that help residents foster connections to the River and process the legacy of environmental racism and trauma that have dealt a blow to our culture of environmentalism.

2.0 PROJECT ACTIVITIES/ MILESTONE SCHEDULE

Our partners, Anacostia Watershed Society and Anacostia Riverkeeper, have identified single-use plastics, coastal erosion and invasive species as some of the biggest threats to the health of the Anacostia River Watershed. Support from this grant would enable FoAP to partner with Casey Trees, Ward 8 Woods, and the Anacostia Watershed Society to broaden our watershed restoration expertise and expand a community-driven stormwater management campaign to educate youth and park-goers on the importance of watershed rehabilitation.

As a part of our RSTOR (Reconnecting Stewards to Our River) initiative, Corps members spearhead efforts that improve park and river health directly, including:

- Reducing the levels of polluted stormwater runoff that ends up in the River through trash pickups;
- Reducing coastal erosion and the destabilization of Anacostia Park's ecosystem from invasive species proliferation and an under-developed tree canopy;
- Training Friends Corps members, through the Watershed Stewards Academy, to recognize local pollution and develop strategies for addressing it;
- And facilitating community discussions/forums to process the legacy of environmental racism and trauma that have dealt a blow to our culture of environmentalism.

This project will be led entirely by our Friends Corps—who have received formal water quality monitoring, tree maintenance and invasive/trash removal trainings. Corps members will also play a crucial role in bringing local residents to our planned community forums to discuss what residents can do about the rampant litter and trash problem in Anacostia.

A key element of this proposal involves carving out space for residents to convene, discuss the lingering traumas connected to decades of institutional neglect and build consensus around a strategy for reducing litter in the Park and working towards a cleaner Anacostia River. Facilitating conversations like that in Anacostia—where an influx of new residents is heightening the specter of green gentrification— can be difficult and culturally charged. An element of creative placemaking is needed to ensure that discussions are equitable and culturally relevant.

While we designed the RSTOR initiative to specifically address Anacostia River and the issues it faces, we believe our work serves as a model for urban parks of all sizes across the United States. At the core of our mission is the understanding that meaningful engagement within BIPOC communities is required to combat the legacy of environmental injustice. Underserved populations start to feel a sense of ownership over a communal space once they can reflect on memories that bind them inextricably to a space—and when they are provided opportunities for economic uplift. We hope to be a model for urban parks across the country that have experienced similar institutional neglect and disinvestment.

3.0 ENVIRONMENTAL RESULTS – OUTPUTS, OUTCOMES, AND PERFORMANCE MEASURES

Speaking to this challenge, we believe our RSTOR initiative can show under-resourced communities that working towards a green economy starts by tackling the problems in your backyard. All of the efforts of our RSTOR initiative will be led by community members, with a focus on strengthening the culture of environmental accountability that is starting to develop among residents, including:

- Stormwater Management and Land Conservation: Newly-constructed diversion tunnels have reduced sewage overflows in the river, but eroded dirt from nearby riparian forests and microplastics (from litter) that make their way to the river are negatively impacting the watershed's health. The RSTOR initiative will fight these challenges by empowering our Corps to plant trees that reduce erosion and broaden the Park's canopy, remove invasives that destroy ecological balance and eliminate trash from the Park.

- Creating Cultures of Environmental Accountability: The Friends Corps will host in-park programming and community forums, leading conservation campaigns that encourage residents to take ownership of the restoration effort.

Sharpening our programmatic focus in 2023, we are examining the efficacy of this initiative through the lenses of park health and community health--acknowledging their symbiotic relationship. As such, we track the following key outcomes:

Park Health (led by the Friends Corps):

- The planting of at least 50 native trees along Anacostia Drive, which runs for miles along the river banks in Anacostia Park;
- The removal of at least 1000 square feet of English Ivy, bush honeysuckle and ailanthus in the Park's forest;
- The removal of at least 30,000 pounds of trash from the Park;
- And monthly water quality monitoring, led by our Friends Corps members.

Community Health:

- Ensure that 50% of Friends Corps members participate and graduate from the Watershed Stewards Academy;
- The growth of our Friends Corps workforce development program by 30%-- augmenting the presence of residents in the Park leading conservation efforts;
- Establish a regular boat ride schedule at 75% of FoAP's events and community gatherings;
- The facilitation of at least 3 community forums that will help build community consensus around the revitalization of the Park and the economic empowerment of nearby neighborhoods.

4.0 PROGRAMMATIC CAPABILITY

Since our founding, Friends of Anacostia Park (FoAP) has been able to significantly boost community presence in the Park, staying on track with our goal of centering the needs of local residents in the park redevelopment effort. The Friends Corps--our flagship program that trains local residents to serve as park stewards--has grown dramatically from 3 members to 18. Corps members are easily identifiable in the Park, holding park-goers accountable for their use of park space and pioneering engaging programming for youth and older adults. Moreover, Corps members have completed a) Anacostia Watershed Society's Watershed Stewards training, b) Riverkeeper's water quality monitoring trainings, c) invasive species removal training with NPS, d) trash removal trainings with Ward 8 Woods and e) bike maintenance training with the Washington Area Bicyclist Association (WABA). As such, our Corps members are gaining transferable technical skills while making the Park a more inviting and culturally relevant convening point for surrounding neighborhoods.

In August 2022, we onboarded Lydia Daniel, our Director of Programs who brings a wealth of outdoor education and youth development expertise to the role. Ms. Daniel has been working to grow our Corps and refine our in-park programming. Over the past 10 years, Lydia Daniel has served a multitude of workforce development, environmental and educational non-profits in Washington, DC. Lydia is committed to providing Ward 7 & 8 residents with meaningful programming and equitable resource access. Before Friends of Anacostia Park, Ms. Daniel spent

four years teaching middle school math at Center City Public Charter Schools. Ms. Daniel is dedicated to uplifting lives by connecting people to the beauty of nature. She believes everyone has the capacity to live vibrantly in Southeast DC with support from the local community.

5.0 PAST PERFORMANCE

D.C. Department of Energy and Environment

In partnership with the Chesapeake Bay Trust, DOEE provided $35,000 for the implementation of RSTOR in December of 2022. We have adequately and timely reported on our progress through the first required interim report on February 28, 2023. An additional interim report is due June 1st, and the final report is due August 15th. Expected outcomes and outputs have stayed on track, some of which have been 100% implemented and others that are approximately halfway done.

REI Cooperative Action Fund

The REI Cooperative Action Fund provided FoAP with $50,000 for two years to bolster our community-driven programming.

General Motors

General Motors provided FoAP with $15,000 to bolster the RSTOR initiative in January of 2023. An impact report is due June 24th, and the final report is due October 29th, 2023.

6.0 QUALITY ASSURANCE PROJECT PLAN (QAPP) INFORMATION

The RSTOR initiative is not subject to the creation of a Quality Assurance Project Plan, as we will not be collecting any scientific data.

ED_016126_00001486-00011

EPA KEY CONTACTS FORM

OMB Number: 2030-0020
Expiration Date: 06/30/2024

Authorized Representative: *Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.*

Name: Prefix: Ms. First Name: Ariam Middle Name:
Last Name: Ford Suffix:
Title: Executive Director

Complete Address:

Street1: c/o Ascender
Street2: 6401 Penn Ave, 3rd Floor
City: Pittsburgh State: PA: Pennsylvania
Zip / Postal Code: 15206 Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**
E-mail Address: ariam@groundedpgh.org

Payee: *Individual authorized to accept payments.*

Name: Prefix: Ms. First Name: Ariam Middle Name:
Last Name: Ford Suffix:
Title: Executive Director

Complete Address:

Street1: Ex. 6 Personal Privacy (PP)
Street2:
City: Pittsburgh State: PA: Pennsylvania
Zip / Postal Code: 15235 Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**
E-mail Address: Ex. 6 Personal Privacy (PP)

Administrative Contact: *Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation, rebudgeting requests etc).*

Name: Prefix: First Name: Shequaya Middle Name:
Last Name: Bailey Suffix:
Title: Director of Operations

Complete Address:

Street1: c/o Ascender
Street2: 6401 Penn Ave, 3rd Floor
City: Pittsburgh State: PA: Pennsylvania
Zip / Postal Code: 15206 Country: USA: UNITED STATES
Phone Number: Ex. 6 Personal Privacy (PP) **Fax Number:**
E-mail Address: info@groundedpgh.org

EPA KEY CONTACTS FORM

Project Manager: *Individual responsible for the technical completion of the proposed work.*

Name: **Prefix:** | **First Name:** Masoud | **Middle Name:**

Last Name: Sayles | **Suffix:**

Title: Sr. PM of Land Stewardship Innovation

Complete Address:

Street1: c/o Ascender, 6401 Penn Ave

Street2: 3rd Floor

City: Pittsburgh | **State:** PA: Pennsylvania

Zip / Postal Code: 15206 | **Country:** USA: UNITED STATES

Phone Number: Ex. 6 Personal Privacy (PP) | **Fax Number:**

E-mail Address: masoud@groundedpgh.org

EPA Form 5700-54 (Rev 4-02)

OMB Number: 4040-0004
Expiration Date: 11/30/2025

Application for Federal Assistance SF-424

* 1. Type of Submission:	* 2. Type of Application:	* If Revision, select appropriate letter(s):
☐ Preapplication	☒ New	
☒ Application	☐ Continuation	* Other (Specify):
☐ Changed/Corrected Application	☐ Revision	

* 3. Date Received:	4. Applicant Identifier:
04/14/2023	

5a. Federal Entity Identifier:	5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:	7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Grounded Strategies

* b. Employer/Taxpayer Identification Number (EIN/TIN):	* c. UEI:
35-2309836	ZD7XKE48NK37

d. Address:

* Street1:	Ex. 6 Personal Privacy (PP)
Street2:	Suite 300
* City:	Pittsburgh
County/Parish:	PA
* State:	PA: Pennsylvania
Province:	
* Country:	USA: UNITED STATES
* Zip / Postal Code:	15206-4147

e. Organizational Unit:

Department Name:	Division Name:
Land Use Stewardship	Sustainable Urban Landscapes

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:	Ms.	* First Name:	Ariam
Middle Name:			
* Last Name:	Ford		
Suffix:			

Title: Executive Director

Organizational Affiliation:
Grounded Strategies

* Telephone Number:	Fax Number:
Ex. 6 Personal Privacy (PP)	

* Email: ariam@groundedpgh.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.306

CFDA Title:

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

*** 12. Funding Opportunity Number:**

EPA-R-OEJECR-OCS-23-01

* Title:

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Lots of Wildflowers

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: PA-012 * b. Program/Project: PA-012

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 09/01/2023 * b. End Date: 07/31/2025

18. Estimated Funding ($):

* a. Federal	300,000.00
* b. Applicant	0.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	300,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 18, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Ms. * First Name: Ariam

Middle Name:

* Last Name: Ford

Suffix:

* Title: Executive Director

* Telephone Number: Ex. 6 Personal Privacy (PP) Fax Number:

* Email: ariam@groundedpgh.org

* Signature of Authorized Representative: Ariam A Ford * Date Signed: 04/14/2023

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Environmental Protection Agency

66.306

Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

EPA-R-OEJECR-OCS-23-01

ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

2023-01-10

2023-04-14

The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

Application
New
2023-04-14
Grounded Strategies
35-2309836
ZD7XKE48NK37
6401 Penn Avenue
Suite 300
Pittsburgh
PA
PA: Pennsylvania
15206-4147
USA: UNITED STATES

Land Use Stewardship
Sustainable Urban Landscapes
Ms.
Ariam
Ford

Executive Director
Grounded Strategies
Ex. 6 Personal Privacy (PP)
ariam@groundedpgh.org
M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)
Environmental Protection Agency
66.306
Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program
EPA-R-OEJECR-OCS-23-01
ENVIRONMENTAL JUSTICE COLLABORATIVE PROBLEM-SOLVING (EJCPS) COOPERATIVE AGREEMENT PROGRAM

Lots of Wildflowers
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PA-012
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2025-07-31
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c. Program is not covered by E.O. 12372.
N: No
Y: Yes
Ms.
Ariam
Ford

Executive Director
Ex. 6 Personal Privacy (PP)
ariam@groundedpgh.org
Ariam A Ford
2023-04-14

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Grounded Strategies
c/o Ascender
6401 Penn Ave, 3rd Floor
Pittsburgh
PA: Pennsylvania
15206

ZD7XKE48NK37
Ariam Ford
Ex. 6 Personal Privacy (PP)
ariam@groundedpgh.org
Executive Director
N: No
N: No
Y: Yes
Y: Yes
Y: Yes
N: No
Y: Yes
Y: Yes
Ariam A Ford
Executive Director
2023-04-14

Ms.
Ariam
Ford

Executive Director
c/o Ascender
6401 Penn Ave, 3rd Floor
Pittsburgh
PA: Pennsylvania
15206
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
ariam@groundedpgh.org

Ms.
Ariam
Ford

Executive Director
Ex. 6 Personal Privacy (PP)
Pittsburgh
PA: Pennsylvania
15235
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
EX. 6 - Personal Privacy (PP)

Shequaya
Bailey

Director of Operations
c/o Ascender
6401 Penn Ave, 3rd Floor
Pittsburgh
PA: Pennsylvania
15206
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
info@groundedpgh.org

Masoud
Sayles

Sr. PM of Land Stewardship Innovation
c/o Ascender, 6401 Penn Ave
3rd Floor
Pittsburgh
PA: Pennsylvania
15206
USA: UNITED STATES

Ex. 6 Personal Privacy (PP)
masoud@groundedpgh.org

1234-EPA EJCP 2023_Grounded Strategies.pdf
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1235-EPA EJCP 2023_Budget.pdf
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1236-EPA EJCP Logic Model 2023_Grounded Strategies.pdf
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1237-Pittsburgh Letter of committment.pdf
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1238-Brenda Toley and Eugenia Boggus Letter of Commitment.pdf
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1239-RKM Update 2022 Final.pdf
application/pdf

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Ariam A Ford
GRANT13861238

ED GAINEY
MAYOR

KAREN ABRAMS
DIRECTOR

CITY OF PITTSBURGH
DEPARTMENT OF CITY PLANNING

April 12, 2023

U.S Environmental Protection Agency
Washington, D.C.

Members of the Environmental Protection Agency Grantmaking Committee,

The City of Pittsburgh is pleased to offer our commitment and support to Grounded Strategies in their pursuit of funding through the Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program.

Should this funding be awarded to Grounded, they will be creating an intentional meadow on a vacant lot for the purposes of enhancing the natural infrastructure value of an underutilized vacant parcel in order to capture and filter stormwater, create healthy natural habitat for insects and birds, and mitigate heat-island effects. Grounded planted a pilot meadow on a City-owned lot through the Adopt-A-Lot program last year. It was a wonderful educational project for the Larimer community, and a great example of what can be done on vacant land to bring more natural infrastructure to a neighborhood.

The City of Pittsburgh commits to offering our support to Grounded by participating in round-table discussions with neighborhood residents to better understand and address their concerns surrounding natural infrastructure installation and management, as well as assisting Grounded in identifying lots that could work for their projects and figuring out ways to obtain permission to use those lots. We will provide neighborhood residents with information on how they can access land through the Adopt-A-Lot program, and connect Grounded, neighborhood, and City residents to resources such as mulch, water access, and technical assistance that will make their project more successful.

Thank you for considering Grounded as a possible recipient of the Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program grant.

Sincerely,

Shelly Danko+Day
Urban Agriculture and Food Policy Planner

100 ROSS STREET | SUITE 202 | Ex. 6 - Personal Privacy (PP)

IRS Department of the Treasury
Internal Revenue Service

CINCINNATI OH 45999-0038

In reply refer to: 0248222025
May 16, 2018 LTR 4168C 0
35-2309836 000000 00
00016598
BODC: TE

GROUNDED STRATEGIES
GROUNDED STRATEGIES
6587 HAMILTON AVENUE 1W
PITTSBURGH PA 15206-4147

7422

Employer ID number: 35-2309836
Form 990 required: Yes

Dear Taxpayer:

We're responding to your request dated May 07, 2018, about your tax-exempt status.

We issued you a determination letter in May 2009, recognizing you as tax-exempt under Internal Revenue Code (IRC) Section 501(c)(3).

We also show you're not a private foundation as defined under IRC Section 509(a) because you're described in IRC Sections 509(a)(1) and 170(b)(1)(A)(vi).

Donors can deduct contributions they make to you as provided in IRC Section 170. You're also qualified to receive tax deductible bequests, legacies, devises, transfers, or gifts under IRC Sections 2055, 2106, and 2522.

In the heading of this letter, we indicated whether you must file an annual information return. If you're required to file a return, you must file one of the following by the 15th day of the 5th month after the end of your annual accounting period:

- Form 990, Return of Organization Exempt From Income Tax
- Form 990EZ, Short Form Return of Organization Exempt From Income Tax
- Form 990-N, Electronic Notice (e-Postcard) for Tax-Exempt Organizations Not Required to File Form 990 or Form 990-EZ
- Form 990-PF, Return of Private Foundation or Section 4947(a)(1) Trust Treated as Private Foundation

According to IRC Section 6033(j), if you don't file a required annual information return or notice for 3 consecutive years, we'll revoke your tax-exempt status on the due date of the 3rd required return or notice.

You can get IRS forms or publications you need from our website at www.irs.gov/forms-pubs or by calling 800-TAX-FORM Ex. 6 - Personal Privacy (PP)

If you have questions, call Ex. 6 - Personal Privacy (PP) between 8 a.m. and 5 p.m.,

0248222025
May 16, 2018 LTR 4168C 0
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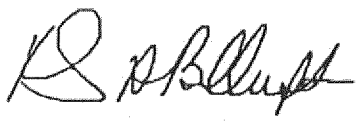
GROUNDED STRATEGIES
GROUNDED STRATEGIES
6587 HAMILTON AVENUE 1W
PITTSBURGH PA 15206-4147

local time, Monday through Friday (Alaska and Hawaii follow Pacific time).

Thank you for your cooperation.

Sincerely yours,



Kim A. Billups, Operations Manager
Accounts Management Operations 1

EJCPS Lots of Wildflowers Logic Model

The EPA Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program || April 14, 2023

Resources/ Inputs	**Activities**	**Outputs**	**Audience**	**Short-term Outcomes** (6-12 months)	**Intermediate Outcomes** (12-24 months)	**Long-term Outcomes** (2+ years)
Staff Time	Coordinating the activities of program partners, procurement, logistics, implementation of project site	Creates original workshops, events, social media posts, and other content to support resident education around the value of natural infrastructure within the urban fabric	Neighborhood residents will be the main audience for Grounded activities on this project: they will participate in design charrettes, inform the creation of educational materials, and participate directly in the implementation of meadow installations on	Grounded will gain a more nuanced understanding of neighborhood needs and desires around natural infrastructure through dialogue with neighborhood residents. This dialogue will inform future selections of planting media across our service area, as well as helping us to continually iterate and revise our educational materials for	During this period Grounded will conduct further education sessions and charrettes to gather resident feedback regarding meadow establishment, select species to infill any difficult to establish areas, and further promote the establishment of natural infrastructure. Depending on resident capacity and desire, we will	Experienced workforce ready to provide top level technical capacity to underserved communities.

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			vacant parcels	accessibility.	also facilitate the establishment of additional meadow installations in resident designated spaces.	
Money	Allows for the acquisition of goods, convinces human elements of the system to function cooperatively					
BCS Tractor	Mobilized for site preparation and maintenance	Tool for earthwork and soil conditioning after heavy equipment has been mobilized for rubble removal	Grounded will be the main user of this piece of equipment. It will be mobilized to aid in the establishment of meadow spaces in accordance with the wishes of neighborhood residents	Creation of a demonstration meadow and propagation space suitable for access by neighborhood residents with varying abilities, age cohorts, and interests. This space will also significantly increase local biodiversity, supplementing habitat for species of conservation concern.	In the medium-term, this tractor will serve as an engagement tool for neighborhood residents wishing to establish micro-meadow sites on parcels they have access to. Through Grounded's Land Doctor technical assistance program, this asset will be mobilized as appropriate to assist residents in the establishment of other greenspace projects.	Time and money efficiencies created are invested in other programmatic areas, increasing overal impact.
Plants	Improve site	Aesthetic and	Neighborhood	In the first 6-12	In the medium	Ecologically

	quality over time by providing easily propagated planting stock for other neighborhood sites, as well as a source of native seeds for collection and distribution	functional (carbon sequestration, stormwater management, air filtration, provisioning services, etc.) improvements to historically disinvested neighborhoods.	residents will be the main beneficiaries of the plants' activities: they will enjoy a greater degree of seasonal interest on the project site, while experiencing significant health benefits from the reinvigoration of an underutilized neighborhood space.	months, all plants will still be very much in the establishment phase: annual plants will undergo up to one life cycle, setting seed and repopulating the project site. During this year, the site will engage mostly in vegetative growth of perennial and biennial species. No seed or propagule harvests will be possible during the first season: however many photographs, videos, and pleasant strolls will be made possible by the plants during this time.	term, seed collection becomes possible - this provides further educational engagement opportunities, as workshops can be provided to residents in accordance with what is seasonally ripe (plant identification, flower pressing, floral arranging, seed collecting/saving, etc.).	diverse and healthy urban ecosystem.
Partner: PSU extension	Provides educational opportunities for	Offers specialized Master Gardener,	Neighborhood residents will receive the benefits of	Delivers 1-3 Educational sessions suited to the engagement	Delivers 1-3 Educational sessions suited to the engagement	Experienced and informed residents invested and involved in

	neighborhood residents, expands Grounded programming to include additional issue areas	Master Watershed steward, and 4-H programming suitable for a range of audiences and learning abilities	science-based education on environmental issues that has been purposefully adapted to a variety of audiences.	resident cohort's aptitudes and interests, emphasizing the importance of natural infrastructure, particularly in environmental justice communities.	resident cohort's aptitudes and interests, emphasizing the means by which upstream interventions in a watershed can have significant downstream effects in managing groundwater recharge, base flow, mitigating erosional losses, and reducing eutrophication.	sustaining high quality urban environments.
Partner: City of Pittsburgh	Facilitates land access for Grounded and resident- led greenspace projects	Offers adopt-a-lot agreements and other forms of land access to program participants in order to advance land ownership and the proactive maintenance of spaces that	The City of Pittsburgh's main audience will be City residents and community members who wish to engage the City regarding vacant and underutilized parcels that it	The City of Pittsburgh will mediate the disposition of at least one parcel for the purposes of this project. Depending on resident steward interest and capacity, further lot access agreements will be brokered	As additional residents gain confidence in their land management skills, their interest in intervening on parcels will also increase. The City of Pittsburgh will continue to support both pathways to access and to ownership for City	Reduced amount of unmaintained vacant lots in the city of Pittsburgh.

		have historically been neglected by the City	owns.	with the City.	residents wishing to intervene on currently City-owned parcels.	
Partner: Neighborhood Residents	Convenes neighborhood groups for educational events, distributes information to neighborhood residents	Learns the techniques provided by Grounded and PSU Extension and disseminates these findings throughout the community to improve local understanding of the value of natural infrastructure	Grounded is the main audience for residents - hearing and amplifying their concerns about the condition, maintenance, and trajectory of greenspaces within their communities.	Neighborhood residents will achieve a deeper understanding of the value of natural infrastructure. At least 10 neighborhood residents will engage in at least 4 education sessions around the ecological, economic, and psychological importance of greenspace to urban communities.		Experienced and informed residents invested and involved in sustaining high quality urban environments.
Contractor:	Site preparation for meadow installation (grading, soil amendments, etc.)	Mobilizes heavy equipment to remove rubble and prevent damage to lighter duty equipment, and	Grounded is the main audience (customer) for the contractor relationship	Contractor mobilization is the first step to the success of this project: adequate remediation of the project parcel (an		Experienced workforce ready to provide top level technical capacity to underserved communities.

		injury to program participants during on-site activities		average vacant parcel in and an Allegheny County residential neighborhood, with accompanying highly modified subsoil with human artifacts [rubble, lead-based paint, petrochemicals, salt]). Within the first 6 months of the project the contractor will reduce the contaminant burden of the site while improving soil performance and biological activity.		

grounded
Change rooted in community

Lots of Wildflowers Budget Narrative

The EPA Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program || April 14, 2023

Expense Type	Description	Amount
Personnel	Senior Project Manager of Land Stewardship Innovation Project Coordinator: Resident and Volunteer Resources Director of Programming, Marketing Manager	$108,800
Fringe Benefits	Health, Dental, and Vision Insurance: 85% Coverage + Deductable reimbursement up to 50% 10 Holidays, 19 days of personal time off (includes all vacation, sick leave, and other personal days off) Eligibility for Short - and Long - term disability on June 1, 2023 Eligibility for our SIMPLE IRA retirement plan with up to 3% match from Grounded on September 1, 2023.	$27,200
Travel		$3,500
Equipment	BCS tractor, Trailer	$21,000
Supplies	Seeds, live stakes, plant plugs, soil amendments	$10,000
Contractual	Contractor Mobilization for site preparation (leveling, amendment, rubble removal), program participant stipends	$38,000
Construction		
Indirect Costs		
Other	Parcel acquisition fees, subaward funding to partners	$91,500
	Total Budget	**$300,000**

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The Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program

Prepared for the United States Environmental Protection Agency || April 14, 2023

Project Title	Lots of Wildflowers
Project Location	Allegheny County, Pennsylvania
Applicant Information	Grounded Strategies 6401 Penn Avenue 3rd Floor, % Ascender Pittsburgh, PA 15206 Groundedpgh.org Find us on socials @groundedpgh
Brief Description of Applicant Organization	Grounded Strategies works to improve the social, economic, and environmental health of distressed and transitional communities by building capacity to reclaim vacant and underutilized land.
Are you applying for the Small CBO Set Aside Track for $150,000 projects?	No
Project Abstract	This project falls under Grounded's Land Stewardship Innovation program area. Using funds from the EPA's Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program, Grounded will train and equip neighborhood residents to install wildflower meadows on vacant and underutilized parcels within Allegheny County, Pennsylvania. To actively deliver environmental justice, we will perform this work specifically in neighborhoods and municipalities experiencing hypervacancy as a result of of redlining, industrial collapse, and white flight from the urban core of the Pittsburgh area. In addition to the aforementioned issues, these areas also lack high-quality green space at any scale, and are instead blanketed by lots overgrown with

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	aggressive, non-native plant species, overflowing with litter, or (at best) managed as infrequently upkept lawns. The installation of wildflower meadows will improve the quality of life of residents living in hypervacancy while simultaneously improving the urban ecology and climate resilience of Pittsburgh's Black communities.
Project Type(s)	This will be a combination public education and demonstration project where Grounded will install a biodiverse meadow planting, and then teach resident stewards to replicate this effort elsewhere.
Special Considerations	Climate Change/Disaster Resiliency
Environmental Issue	This project will encompass the environmental issue areas air, water and soil quality. The installation of intentional meadows has greater implications for the environmental health of neighborhoods and their residents, but within the Pittsburgh context air pollution mitigation, stormwater capture and management through natural infrastructure, and soil contaminant mitigation are primary concerns.
List of Project Partners	Penn State Extension City of Pittsburgh, Department of City Planning
QAPP Required	Yes

A. Environmental and Public Health information of the Underserved Community

The cohort for the public education portions of this project will be drawn primarily from Pittsburgh neighborhoods similar in character to (and including): Homewood South (97.4% nonwhite), Larimer (89% nonwhite), and Middle Hill (92.6% nonwhite). The demonstration project will take place in the Homewood South neighborhood (vacancy rate%), which experiences more severe flooding, urban heat-island effect, and disparities in access to food compared to nearby neighborhoods.

This project seeks to help in addressing the urban heat-island effect in the immediate term mitigating this effect through intentionally managed vegetated stands. Longer

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term, these meadow installations will also serve to accumulate fertility and increase pollinator biodiversity, enhancing the effectiveness of nearby agricultural endeavors (including those of the nearby Oasis Farm and Fishery). Furthermore, the resident stewards who are trained in meadow installation will be able to replicate this effect in their neighborhoods - armed with the knowledge and skills gained through this project, they will have an effective tool to improve non only the aesthetics, but also the functional natural infrastructure in their communities.

These meadow spaces will help to mitigate the spread of lead-contaminated dust plumes from vacant parcels, reducing the overall health burden of that contaminant in these communities, as well as reducing the risk for asthma among the surrounding populations.

B. Organization's Historical Connection to Underserved Community

Grounded has a 16 year track record of working with residents of redlined communities of Allegheny County. During this time, our focus has remained around upgrading the greenspace uses of vacant and underutilized parcels; however, for the past 5 years Grounded has made a concerted effort to address the systems of oppression that created the disparities in access, wealth, and land ownership in our service area.

Homewood was one of the very first neighborhoods where Grounded (then GTECH) started on-the-ground interventions based on catalyzing community members to participate in the reimagination of overgrown, litter-strewn parcels into vibrant community greenspaces, flanked by sunflowers.

This initial effort was meant to draw attention to one problem in particular that residential areas in legacy industrial regions face - high levels of soil lead contamination from the overuse of lead-based paints in previously demolished structures.

Grounded's efforts were noticed by community members and these initial catalytic projects opened the door to conversations about how vacant parcels can be upgraded to leverage the ecosystem services provided by natural infrastructure.

From our early days through today, Grounded only works in communities where residents have invited us into the conversation. Any modifications of parcels within the

community involve a community-informed design process, including design charrettes, where we solicit feedback from neighbors about what they wish the fate of the parcel to be.

C. EJCPS Model

Grounded's work towards environmental and social justice is so impactful because it represents the values we hold ourselves to internally: representation, consensus, healing, transparency, participation, and joy.

Steward Contractor Program

Grounded's resident stewardship program pays interested community members to maintain a baseline of care for greenspaces in their neighborhood. Participants are recruited, hired, trained, equipped, supported, compensated, and celebrated for their work.

Application	***EJCPS Overlap***
For this project, we plan to engage four (4) Steward Contractors for three (3) years at $1,500/year. ($20/hour)	#2 - Community Capacity-Building & Leadership Development

Youth, Elder, & Family Engagement

Grounded wants to achieve an intergenerational impact. That means moving beyond the segmentation of age groups in favor of engaging families and households as a unit.

Application	***EJCPS Overlap***
For this project, we are excited to grow upon our relationships with partners like Penn State Extension and AARP to reach the full spectrum of student and seniors through the community learning sessions.	#1 - Issue Identification, Community Vision & Strategic Goal Setting #4 - Multi-Stakeholder Partnerships & Leveraging of Resources

Resident Led Citizen Science

Grounded places the tools of vacant land R&D in the hands of resident experts. Our resident driven land stewardship pilot programs test and demonstrate innovative parcel scale reclamation strategies.

Application	***EJCPS Overlap***

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This project is all about creating a dedicated, accessible, and well equipped space within community for underserved residents to engage with the scientific process at an exploratory and tactile level.	#1 - Issue Identification, Community Vision & Strategic Goal Setting #2 - Community Capacity-Building & Leadership Development

Community Scale Data Set Construction

Using residents as community data experts, Grounded is able to curate surveys, construct and map localized data sets, and provide a grass roots analysis of environmental justice issues to contrast institutional sources.

Application	***EJCPS Overlap***
Community scale data types to be collected and analyzed under this project include groundwater, soil, sediment, surface water, air, biota and fauna samples.	#2 - Community Capacity-Building & Leadership Development #5 - Constructive Engagement by Relevant Stakeholders #7 - Evaluation, Lessons Learned, and Replication of Best Practices

Resident Maintenance Advisory Committee (MAC)

The MAC serves as a forum for residents to create standards of oversight for maintenance, care, and consistency of Grounded sites in their neighborhoods. In addition to creating a sense of community pride, and ensuring the development accessible and welcoming spaces, the MAC allows residents to think critically about shifting away from simply mowing to actively improving the urban ecology.

Application	***EJCPS Overlap***
Grounded program participants from four (4) different neighbrhoods will attend monthly 2-hour meetings in the spring and fall to collect community feedback on the wildflower installations, plan clean-ups, facilitate community co-design charrettes, and to set standards about other vacant lot uses, vegetation, safety, and habitat scores.	#1 - Issue Identification, Community Vision & Strategic Goal Setting #2 - Community Capacity-Building & Leadership Development #3 - Consensus Building & Dispute Resolution

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	#7 - Evaluation & Replication of Best Practices

Whole Ecosystem Solutions

When evaluating a site intervention, Grounded staff look at the entire story. From soil health and biodiversity, to land-loss history and potential opportunities for restorative justice.

Application	***EJCPS Overlap***
When assessing potential planting sites, Grounded's Land Stewardship Innovation and Land Use Policy teams will collaborate to execute our Groundtruthing Method. Grountruthing is our method of documenting and analyzing existing site conditions to include the stories and histories of the people who's lives happened where a vacant lot now sits. With this trauma informed context, we are able to identify environmentally just end uses and end users of vacant land to ensure our work is always in line with community vision.	#1 - Issue Identification, Community Vision & Strategic Goal Setting #5 - Constructive Engagement by Relevant Stakeholders #7 - Evaluation, Lessons Learned, and Replication of Best Practices

Grounded Board Advisory Groups

Each program area has a Board Advisory Group (BAG) comprised of board members and staff. Staff provide updates and board members contribute expertise, insights, and direction to specific programming-related issues.

Application	***EJCPS Overlap***
The Grounded Strategies BAG for Sustainable Urban Landscapes and this project include Dr. Danielle Andrews-Brown of Virginia Commonwealth University, and Dr. Shondrica Burrell of Morgan State University.	#5 - Constructive Engagement by Relevant Stakeholders #6 - Sound Management & Implementation #7 - Evaluation, Lessons Learned, and Replication of Best Practices

Annual Market Rate Alignment Process

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Every year, our CFO completes a market analysis to understand Grounded's competitiveness as an employer. We currently intend to meet the 50th percentile of market rate and are setting goals for the future. This ensures that as an organization focused on transparency, equity, and equal opportunity in the public sphere, we can provide the same for our staff. This also ensures we attract top tier talent to provide services for our community partners.

Application	***EJCPS Overlap***
The annual market rate alignment process has and will be applied to all staff members at Grounded strategies on an annual basis.	#6 - Sound Management & Implementation #7 - Evaluation, Lessons Learned & Replication of Best Practices

Senior Staff Leadership Team

Comprised of Director level staff members, the senior staff leadership team meets bi-weekly to discuss higher level operational matters and ensure the flow of information across all parts of the organization.

Application	***EJCPS Overlap***
Director of Programming Becca Simon is charged with the oversight of all programmatic objectives and sits on the Senior Staff Leadership Team. This ensures that project updates reach the highest level of decisionmaking on a regular basis, exhibiting the best practice of adaptive management.	#6 - Sound Management & Implementation #7 - Evaluation, Lessons Learned & Replication of Best Practices

D. Project Linkages

Supports EPA Strategic Plan Goal 2 (Take Decisive Action to Advance Environmental Justice and Civil Rights), Objective 2.2 (Promote Environmental Justice and Civil Rights at the Federal, Tribal, State, and Local Levels)

E. Partner and Collaborate

Penn State Extension's Role:

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- Provides expanded options for youth audiences via its 4-H programming
- Provides expanded options for adult audiences through its Master Gardener and Master Watershed Steward programming
- Penn State Extension is mission driven to provide science-based outreach and education to audiences who intervene on the land, in particular for agricultural endeavors

City of Pittsburgh Department of City Planning's Role:

- Facilitate parcel access process for the Grounded demonstration project site
- Facilitate parcel access processes for interested neighborhood residents after Grounded education sessions
- The City of Pittsburgh will gain badly needed assistance in maintaining its overabundance of vacant parcels by facilitating resident intervention on, and upkeep of, these spaces.

Community Members' Role:

- Provide valuable feedback regarding the initial installation of our demonstration project about site design through our charrette process
- Engage further community members in conversation about the value of natural infrastructure in the urban environment
- Community members stand to gain significantly from this effort through the direct beautification of parcels within their neighborhood, as well as streamlined avenues of access and ownership for parcels within their neighborhood

Grounded has maintained each of these partner relationships over the course of several years, and has intentions to deepen these collaborations by leveraging the resources awarded by the Environmental Protection Agency. Within our service area, the City of Pittsburgh is the largest municipal partner, so preserving this relationship is vital to our organizational viability. We regularly connect with multiple City departments during the day-to-day operations of our organization, and so whether or not we receive this award that relationship will continue.

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Most nascent of these relationships is Grounded's link to Penn State Extension: they have proved to be a reliable provider of services and technical assistance, covering gaps in our staff's expertise around specialized knowledge (topics such as animal husbandry, soil fertility management, and riparian buffer construction) tangential to, but not directly involved with, the work we routinely address. Again, whether or not we receive this funding, this is a valuable partnership that we fully intend to maintain.

F. Project Activities

Wildflower Meadow Public Education & Citizen Science

Grounded staff will create original workshops, events, social media posts, and other content to support resident education around the value of natural infrastructure within the urban fabric. Neighborhood residents will be the main audience for Grounded activities on this project: they will participate in design charrettes, inform the creation of educational materials, and participate directly in the implementation of meadow installations on vacant parcels.

Site Selection, Access, & Design

Grounded will work with the City of Pittsbrugh, the resident Maintenace Advisory Committee and community partners to identify optimal sites for meadow installation. Grounded will support the community to pursue an site access through Pittsburgh's existing adopt a lot program. Grounded will then support residents through a community co-design process to lay out site plans for the urban meadow installations.

Capacity Building & Preparation

Grounded will work with Penn State University Extension to train resident contractors assigned to installing and caring for the urban meadow sites. PSU Extension offers specialized Master Gardener, Master Watershed steward, and 4-H programming suitable for a range of audiences and learning abilities. Contractors and resident stewards will receive the benefits of science-based education on environmental issues that has been purposefully adapted to a variety of audiences.

Wildflower Field Installation

Grounded contractors will mobilize heavy equipment to remove rubble and prevent damage to lighter duty equipment, and injury to program participants during on-site planting activities. Selected plantings for the sites will provide aesthetic and functional (carbon sequestration, stormwater management, air filtration, provisioning services, etc.) improvements to historically disinvested neighborhoods.

Wildflower Field Maintenance

Grounded-built Wildflower meadows will be maintained on an annual basis through Grounded's Resident Contractor program, ensuring each site has a baseline standard of care as set by the resident Maintenance Advisory Committee.

G. Milestone Schedule

	2023				2024												2025+							
	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	+
Public Education & Citizen Science	1																							
Site Selection, Access, & Design	2																							
Capacity Building & Preparation	3																							
Wildflower Meadow Installation*								4		5		6								7		8		
Wildflower Meadow Maintenance																				9				

Notes

1. Public Engagement & Workshops on the benefits of Wildflower Meadows
2. Community Co-Design Charrettes, Site Selection
3. Contractor Training, Volunteer Engagement, Ground Preparation, Weed Control
4. Soil amendment, Hydration, First sowing and Plant Installation
5. Second sowing and Plant Installation
6. Third Sowing and Plant Installation, Secondary Weed Control
7. Fourth sowing, First Mowing, Topdressing
8. Infill Planting with Plugs, Weeding
9. Ongoing annual maintenance by Grounded Steward Contractors

H. Budget Narrative

See attached Budget Narrative

I. Environmental Results (Logic Model)

See attached Logic Model

J. Performance Measurement Plan

Grounded will measure the following parameters in our implementation of this project:

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1. Number of education sessions delivered [12]
    a. Number of participants in education sessions [5 per session]
2. Number of meadow sites installed [2]
    a. Number of species added per site [20]
    b. Square footage of lawn and barren ground converted to meadow cover [400]
    c. Pounds of biochar incorporated into project sites [1,200]
    d. Pounds of wildflower seed applied to community-serving projects [50]
3. Number of community centered maintenance advisory meetings held [25]
    a. Pre- and Post- project resident greenspace satisfaction surveys [2]

K. Sustainability Plan & Community Vision

The Lots of Wildflowers project* is part of and will contribute to the broader goals of Grounded's Land Stewardship Innovation program (LSI). LSI programming works with residents, communities, and institutions to co-create and demonstrate 22nd century standards for sustainable land stewardship and a thriving urban ecology. Part of the Sustainable Urban Lanscapes branch, the Lots of Wildflowers project will become part of the greater thought leadership Grounded is pushing out into the world through conference presentations, academic partnerships, and joint ventures with for-profits.

- Sustainable Urban Landscapes - BMP Research, Consulting, and Demonstrations*
- Land Lab - Management & Programming of Grounded Owned R&D Sites
- Steward Contractor Program - Skilled and compensated residents providing a baseline of care for vacant lots in their communities
- Refresh Fund - Revolving funds for stewards to sustain and grow existing sites
- PGH Mobile Toolbox - Reservable mobile tool shed that both stewards and Grounded staff use to power high impact work days and technical site projects.

L. Organizational Experience

Systemic racism in urban planning and public policy has created the conditions for hypervacancy (concentrations of vacant land lacking decades of investment) to disproportionately impact Pittsburgh's Black communities. Because they live in hypervacancy, a child achieves less academically, is chronically sicker, and earns less over a lifetime than their peers who do not live with hypervacancy. That's why Grounded is

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using vacant and underutilized land to improve environmental, socioeconomic and physical health.

Since 2007, Grounded has initiated and supported 175+ vacant land projects throughout the Pittsburgh region. Grounded has three primary program areas: Design and Placemaking, Land Stewardship Innovation, and Land Use Policy. All of our interventions included elements of youth, elder, & family engagement; resident-led citizen science, community-scale data set construction, and whole ecosystem solutions.

The 2020 launch of our newest program area Land Use Policy represents a pivot in the way Grounded uses vacant land as a medium for community change. Grounded is moving beyond simply stabilizing, beautifying, and stewarding vacant urban land. In Pittsburgh, legal and liability constraints mean residents and community groups face formidable hurdles to access city-owned vacant sites for neighborhood greenspace projects. Even when granted, access and the installment of physical improvements does not translate into ownership and equity. This creates a system where Black folks and people of color are tending to Pittsburgh's thousands of distressed properties, but are barred from reaping the benefits of land ownership.

If cared for properly, the ecosystem dividens of vacant lots include the potential for provisioning services (water, food), regulating services (climate and air pollution), cultural services (recreation, education), and supporting services (nutrient cycling, soil building)(G. Kim, 2016). The ultimate goal is to ensure that residents reap the full breadth of benefits of the capital and equity built on and around vacant lots in their communities.

M. Staff Experience / Qualifications

Masoud Sayles

Role: Senior Project Manager of Land Stewardship Innovation

Will lead all aspects of day-to-day activity regarding the implementation of the demonstration project and educational sessions.

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Masoud is a lifelong resident of the Ex. 6 Personal Privacy (PP) . A graduate of Penn State University with a degree in Geobiology, Masoud passionately pursues his interest in permaculture design. Prior to joining Grounded, Masoud worked joyfully alongside gardeners at his local community garden, as well as finding employment propagating plants for a local neighborhood nursery. During this time, he worked alongside members of his community in creating various gardens and on trash cleanups, engendering within him an interest in both social and environmental justice. At Grounded Strategies, he is thrilled to be a part of a group that proliferates green spaces throughout Allegheny County. While on staff at Grounded, Masoud also obtained Sustainable Landcare Accreditation.

In addition to his role at Grounded, Masoud serves on the Board of Directors of the Pittsburgh Food Policy Council and on the Board of Directors of Allegheny Land Trust, where he continually challenges the decisions and statements of other board members to be more inclusive and equitable, and encourages the recruitment of more diverse board members to ensure just outcomes from organizational actions across the county he calls home.

Riley McGrath

Role: Project Coordinator: Resident and Volunteer Resources

Will provide direct task oriented support to the Senior Project Manager of Land Stewardship Innovation for the implementation of the demonstration project and the management of program participants through our educational offerings.

Riley studied Environmental Studies and Urban Studies and earned certificates in Sustainability and Geographic Information Systems at the University of Pittsburgh. While in Undergrad, they spent a lot of time volunteering with different environmental organizations both on and off campus and grew passionate about environmental stewardship and urban sustainability.

Prior to joining Grounded, Riley completed a service year with PULSE (Pittsburgh Urban Leadership Service Experience) where they were a project assistant with Watersheds of South Pittsburgh.

Rebecca Simon

Role: Director of Programming

Will ensure overall compliance with grant activities, budget expenditures, and reporting requirements.

Becca received her undergraduate degree in International Political Economy and Environmental Policy & Decision Making from the University of Puget Sound in 2019. Post undergrad, Becca served as a FoodCorps AmeriCorps Service Member in Ronan, MT doing nutrition, gardening, and food justice education with Kindergarten-5th grade students. After FoodCorps, Becca moved to Pittsburgh to serve as a Fellow with Repair the World Pittsburgh where she was committed to helping engage the Pittsburgh community in acts of service and learning.

Skylar McGinley

Role: Development & Communications Project Manager

Will support project team in project documentation and multi-media storytelling.

Skylar has a Bachelor of Science in English from the College of Wooster in Wooster, OH. After graduating, he took part in the Photography Intensive course at Pittsburgh FIlmmakers (now part of Pittsburgh Center for Arts and Media).

Before Grounded, Skylar worked as the New Media Producer at the Children's Museum of Pittsburgh where he created the majority of the content that was put onto their various social media platforms.

N. Expenditure of Awarded Grant Funds

The following financial policies are outlined in Grounded's process manual and enforced by jointly our Director of Operations and Chief Financial Officer.

Receipts and Invoices

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When a Project is active, expenses must be accounted for in the form of receipts and invoices. Both money coming in and going out should have an easy to follow paper trail. *Receipts & Invoices should be scanned and sent to RECEIPTS@GROUNDEDPGH.ORG. Invoices are due by Tuesday at 3pm, the bookkeeper processes twice a month. The Finance Team may choose to wait to generate a check until closer to when the invoice is due. Invoices that require payment to individuals and LLC businesses must have a W9 accompanying them. If receipts are lost or not received for certain purchases, the purchaser is expected to create a replacement receipt detailing the purchase, project, reason and means of purchase and stamp it as though it was an official receipt. A template can be found in the EGNYTE Administrative Folder under Templates.

Credit Card Purchases

All full-time program staff will be provided an individual company credit card. Upon receipt, employees must sign the Grounded Credit Card Policy, which can be obtained from the Director of Ops. All staff will be provided program budgets with allowed expenses allocated for program purchases.

Authorized uses of the credit card include program supplies, materials and expenses approved per project or program budget. All travel purchases need to be approved at least two weeks in advance by the Executive Team. Travel requests should include transportation, lodging and meal per diem information. Purchases for professional development or other organizational expenses need to be approved in advance by the Executive Team.

Receipts from purchases made with a company credit card should be compiled, properly coded and submitted on a weekly basis, and no later than the 2nd day of the following month. Unauthorized use of the credit card includes personal or non-business expenditures of any kind, expenditures that have not been properly authorized or not explicitly needed for project needs, meals, entertainment, gifts or other expenditures which are prohibited by Grounded budget and/or policies, Federal, state, or local laws or regulations, or grant conditions or policies of the entities from which Grounded receives funds.

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Any purchase over $500, even if budgeted to a project or program, must be approved by the Executive Director to ensure consistency with overall organizational budget. Additionally, alcohol should not as a rule be purchased with Grounded funds unless previously approved by the Executive Director. Please alert your manager to request permission or guidance if directed to do so without approval. Violation of this policy may result in the loss of company credit card for a period of 1 month, and if this reoccurs, further disciplinary action may be taken. If you find that you have exceeded your credit card limit contact the Director of Operations, Exec Director, or the CFO for a balance increase.

Mileage and reimbursement for expenses

To be reimbursed for expenses paid out of pocket that could not be paid with your Grounded credit card (such as for cash or check purchases), you will need to submit the Personal Expenses Reimbursement Form. Please hold all receipts and requests to submit one monthly total. If you have mileage to include in your request, fill out the adjacent mileage log and your total will be automatically input in the first line of expenses. Note the purpose of the travel, such as meeting, site visit, as well as the origin and destination. Finally, document total trip mileage and it will auto calculate the total reimbursement based on the current IRS mileage rates for the year. Do not erase or alter this line in anyway. If you do not have mileage for the month, leave this line blank and only print and submit the sheet in this tab. If you have only mileage and no reimbursement, only print the mileage form. After approval by the Director of Operations or Executive Director, submit reimbursement to the "Outgoing Invoices" folder located by the printer. The stamp is not required for personal reimbursement requests as this information is already included in the form itself. Mileage is also reimbursable for bike mileage at .25 per mile.

Invoice Requests

Project managers are responsible for requesting official Grounded invoices be sent; these invoices will be generated by the Bookkeeper, and by default will be emailed to the customer unless otherwise requested. To request, complete the Invoice Request Form (Google Doc). Invoice requests are due Tuesday by 3pm to be generated on Thursday.

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Check Requests

If an individual needs to be paid they must submit an invoice to Grounded with a W-9 completed (we require a new one every calendar year) OR the Grounded Staff member can submit a check request. Templates for this can be found under the "Templates" on Google Drive

Financial Reporting

Reports are generated by Project Manager on a monthly basis for each active project. Project Managers are responsible for reviewing the reports to ensure allocations have been done accurately. PMs should also input expenditures into their budgets.

O. Past Performance

Funder	Amount	Awarded	Completion Summary	Reporting Requirements
US EPA	$30,000	2019	Sucessful project to reduce lead toxicity in neighborhood vacant lots awarded from 11/2019 to 11/2020. QAPP required.	Progress report submitted on June 23, 2021. Final report submitted on December 1, 2022.
PPP Loan (SBA)	$112,915	2021	Grounded qualified for and received a loan pursuant to the Paycheck Protection Program (PPP), a program under the Coronavirus Aid, Relief, and Economic Security Act.	Grounded recognized revenue of $112,915 on the statement of activities as PPP grant revenue as of December 31, 2021, as the conditions of the loan were met.
PA Department of Environmental Protection	$10,375	2021	Environmental Education project successfully completed in 2022 with PA DEP Closeout Letter issued to Grounded on 9/15/2022.	Midterm report submitted on 2/17/2022. Final report submitted on 7/19/2022.
Pittsburgh Community Development Block Grant	$2,500	2021	Community beautification project successfully completed and all expenses reimbursed.	Report and reimbursement requests submitted August 2021.

Richard King Mellon Foundation	$200,000	2021	Incentive driven resident stewardship program providing care for vacant lots successfully completed in December 2022.	Mid term project report submitted October 21, 2023. Final project report submitted January 24, 2023.
Grable Foundation	$40,000	2021	Youth focused project using underutilized vacant land to install safe greenspaces allowing for diverse, sensory-rich, and open-ended play vital for developing strong executive functioning skills successfully completed in January 2023.	Interim report submitted on 3/31/2022. Final report to be submitted 5/1/2023.

P. Quality Assurance Project Plan (QAPP) Information
QAPP Required